

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003490.D
 Acq On : 10 Nov 2018 01:48
 Operator : MJ/SJ
 Sample : PB114671BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

Quant Time: Nov 12 03:23:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	96612	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	425117	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	242012	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	484921	20.00	ng	0.00
76) Chrysene-d12	21.40	240	386091	20.00	ng	0.00
87) Perylene-d12	23.72	264	401865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	583014	105.11	ng	0.00
7) Phenol-d6	7.01	99	762704	96.70	ng	0.00
23) Nitrobenzene-d5	9.02	82	628935	84.84	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	336440	103.24	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1744245	97.76	ng	0.00
79) Terphenyl-d14	19.85	244	1757149	97.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	73882	28.053	ng	92
3) Pyridine	3.72	79	218942	36.380	ng	92
4) n-Nitrosodimethylamine	3.65	42	88830	40.090	ng	92
6) Aniline	7.18	93	209332	21.254	ng	97
8) 2-Chlorophenol	7.41	128	319999	46.838	ng	94
9) Benzaldehyde	6.99	77	149301	32.593	ng	98
10) Phenol	7.03	94	377430	45.346	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	263446	38.751	ng	92
12) 1,3-Dichlorobenzene	7.73	146	312380	41.125	ng	98
13) 1,4-Dichlorobenzene	7.89	146	322310	41.209	ng	97
14) 1,2-Dichlorobenzene	8.20	146	311307	41.011	ng	99
15) Benzyl Alcohol	8.09	79	245432	43.181	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	341292	34.241	ng	97
17) 2-Methylphenol	8.28	107	264294	46.462	ng	97
18) Hexachloroethane	8.92	117	109054	39.800	ng	95
19) n-Nitroso-di-n-propylamine	8.66	70	204971	36.038	ng	96
20) 3+4-Methylphenols	8.61	107	356125	44.072	ng	98
22) Acetophenone	8.68	105	425739	41.315	ng	96
24) Nitrobenzene	9.06	77	302640	40.009	ng	95
25) Isophorone	9.57	82	575036	44.224	ng	96
26) 2-Nitrophenol	9.76	139	170557	42.839	ng	93
27) 2,4-Dimethylphenol	9.81	122	302285	53.999	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	376612	42.993	ng	99
29) 2,4-Dichlorophenol	10.29	162	314591	49.246	ng	98
30) 1,2,4-Trichlorobenzene	10.50	180	312078	42.972	ng	99
31) Naphthalene	10.70	128	946388	45.556	ng	99
32) Benzoic acid	9.96	122	197002	41.853	ng	94
33) 4-Chloroaniline	10.81	127	59137	6.442	ng	96
34) Hexachlorobutadiene	10.96	225	186733	43.088	ng	98
35) Caprolactam	11.60	113	43219	17.278	ng	86
36) 4-Chloro-3-methylphenol	11.93	107	312095	43.804	ng	93
37) 2-Methylnaphthalene	12.30	142	708175	47.702	ng	99
38) 1-Methylnaphthalene	12.53	142	672937	46.410	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	369910	46.204	ng	99

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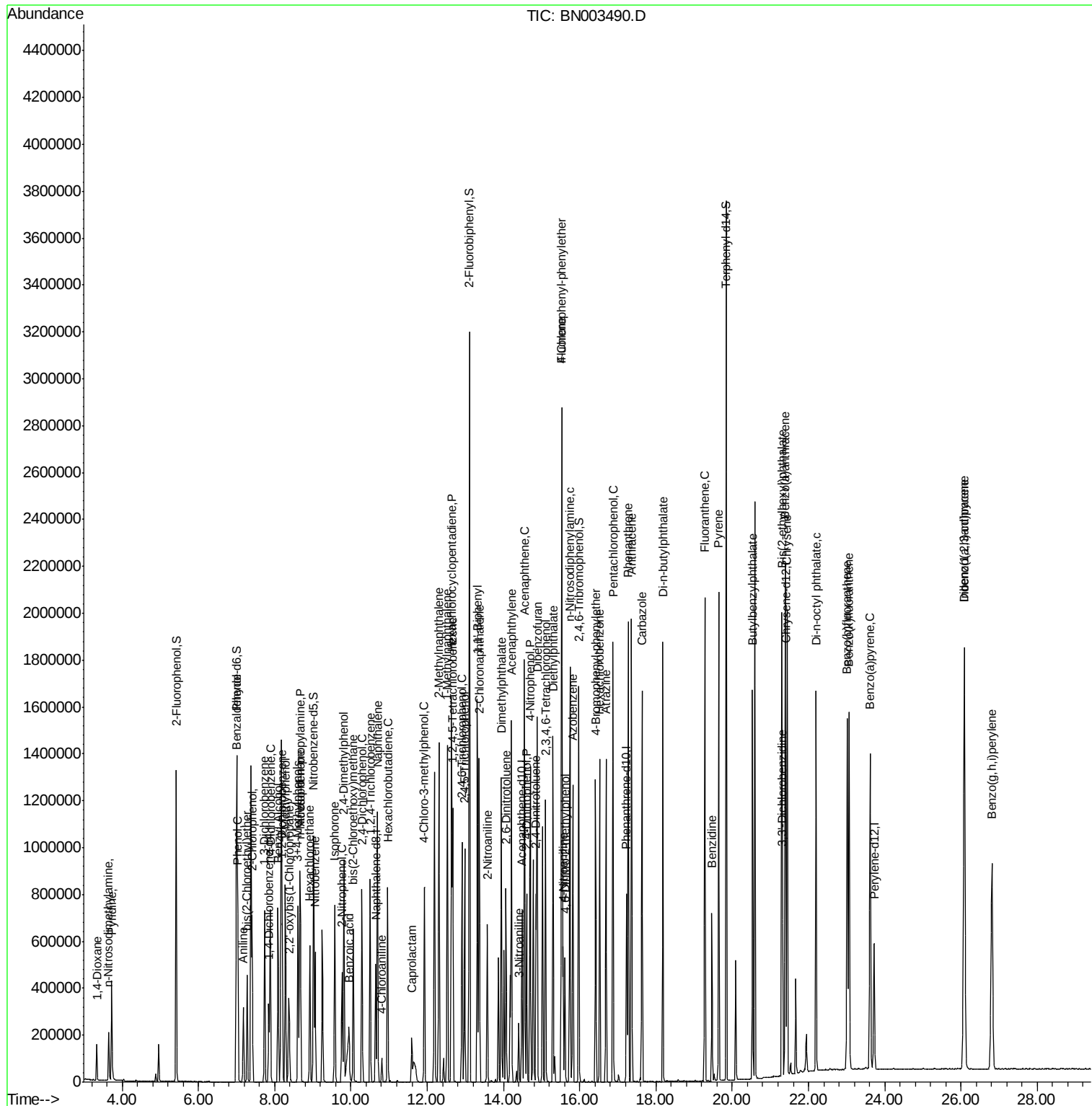
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	500033	136.891	ng	99
43) 2,4,6-Trichlorophenol	12.91	196	252858	49.988	ng	99
44) 2,4,5-Trichlorophenol	12.98	196	272239	51.597	ng	98
46) 1,1'-Biphenyl	13.32	154	900106	42.376	ng	99
47) 2-Chloronaphthalene	13.36	162	695301	44.378	ng	99
48) 2-Nitroaniline	13.57	65	172476	37.466	ng	87
49) Acenaphthylene	14.21	152	1129935	47.117	ng	99
50) Dimethylphthalate	13.95	163	876088	44.771	ng	100
51) 2,6-Dinitrotoluene	14.07	165	192784	43.407	ng	95
52) Acenaphthene	14.55	154	646411	44.487	ng	98
53) 3-Nitroaniline	14.40	138	70481	14.845	ng	92
54) 2,4-Dinitrophenol	14.60	184	186771	73.650	ng	90
55) Dibenzofuran	14.89	168	1036616	43.851	ng	99
56) 4-Nitrophenol	14.70	139	424761	121.133	ng	93
57) 2,4-Dinitrotoluene	14.86	165	258260	42.886	ng	# 75
58) Fluorene	15.53	166	820175	44.961	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	243254	52.503	ng	96
60) Diethylphthalate	15.30	149	849641	42.788	ng	100
61) 4-Chlorophenyl-phenylether	15.53	204	436969	43.116	ng	97
62) 4-Nitroaniline	15.57	138	180900	39.001	ng	96
63) Azobenzene	15.82	77	717896	39.119	ng	96
65) 4,6-Dinitro-2-methylphenol	15.62	198	133635	39.495	ng	90
66) n-Nitrosodiphenylamine	15.75	169	722021	47.562	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	281501	51.544	ng	97
68) Hexachlorobenzene	16.53	284	314472	50.544	ng	95
69) Atrazine	16.69	200	255893	47.564	ng	97
70) Pentachlorophenol	16.87	266	355075	110.288	ng	98
71) Phenanthrene	17.27	178	1200930	47.107	ng	98
72) Anthracene	17.36	178	1224808	48.147	ng	99
73) Carbazole	17.63	167	1039396	39.454	ng	99
74) Di-n-butylphthalate	18.18	149	1332498	43.361	ng	99
75) Fluoranthene	19.28	202	1225972	40.819	ng	99
77) Benzidine	19.47	184	388806	34.399	ng	99
78) Pyrene	19.65	202	1211258	53.379	ng	99
80) Butylbenzylphthalate	20.53	149	499318	47.389	ng	96
81) Benzo(a)anthracene	21.39	228	1064548	47.346	ng	98
82) 3,3'-Dichlorobenzidine	21.32	252	218041	23.434	ng	99
83) Chrysene	21.44	228	1002517	46.383	ng	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	714737	45.741	ng	# 98
85) Di-n-octyl phthalate	22.20	149	1088197	40.584	ng	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1326125	53.535	ng	98
88) Benzo(b)fluoranthene	23.02	252	1073027	48.494	ng	100
89) Benzo(k)fluoranthene	23.06	252	1063227	48.994	ng	99
90) Benzo(a)pyrene	23.62	252	1048511	49.721	ng	99
91) Dibenzo(a,h)anthracene	26.09	278	1116123	53.474	ng	99
92) Benzo(g,h,i)perylene	26.81	276	1106874	55.239	ng	99

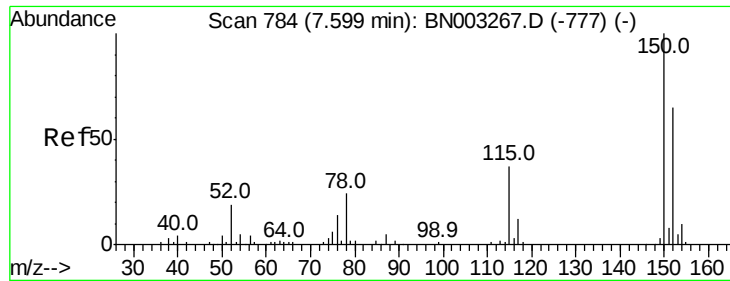
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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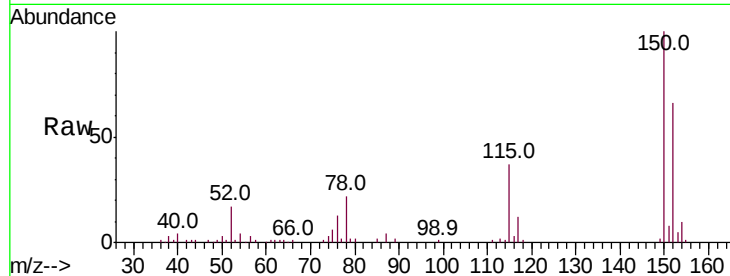


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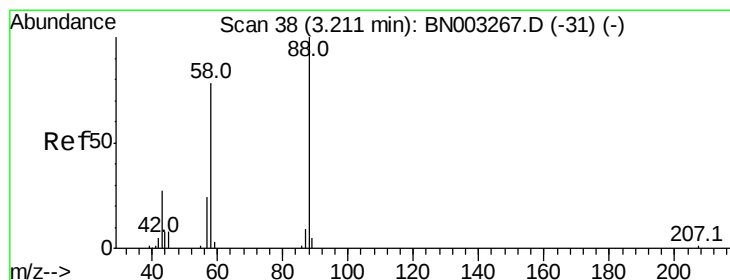
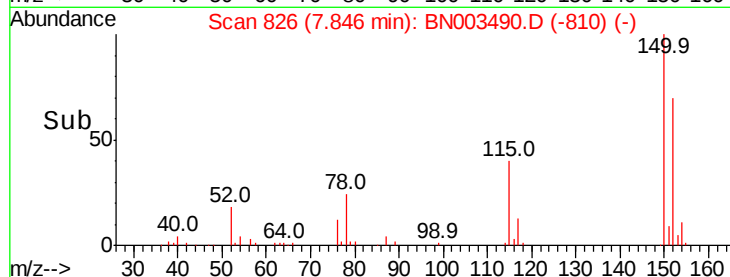
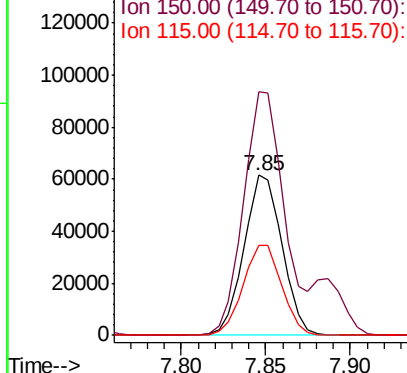
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:152 Resp: 96612
Ion Ratio Lower Upper
152 100
150 152.3 123.8 185.8
115 56.4 45.9 68.9



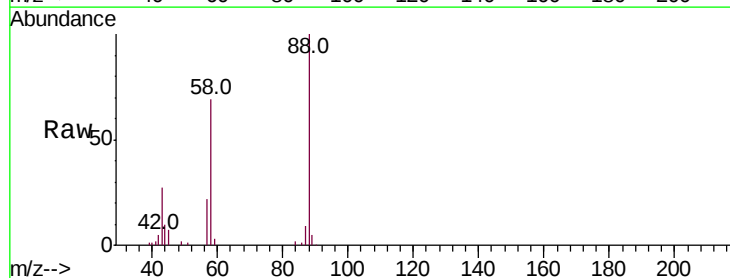
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



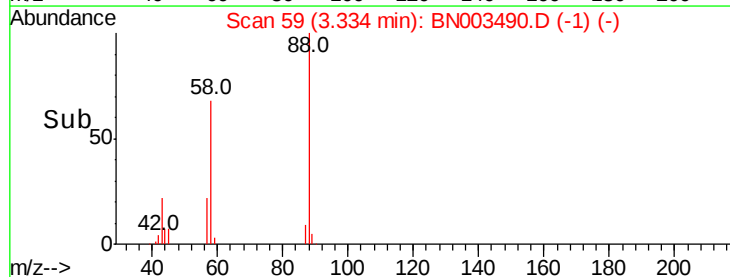
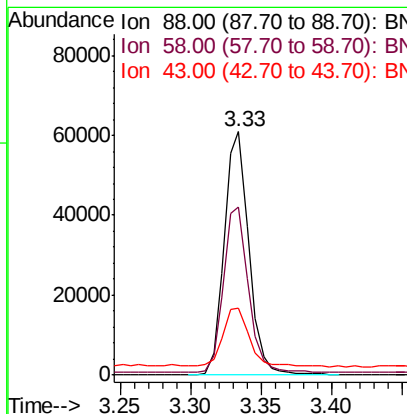
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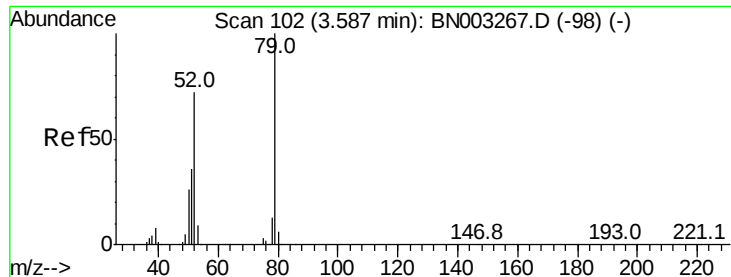
1,4-Dioxane
Concen: 28.053 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion: 88 Resp: 73882
Ion Ratio Lower Upper
88 100
58 68.2 61.1 91.7
43 26.6 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

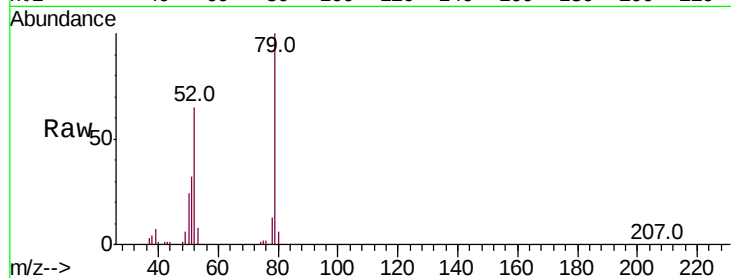




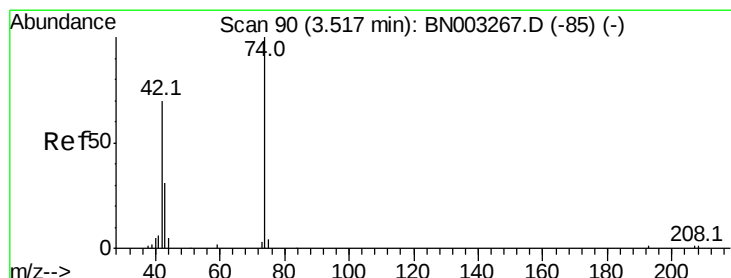
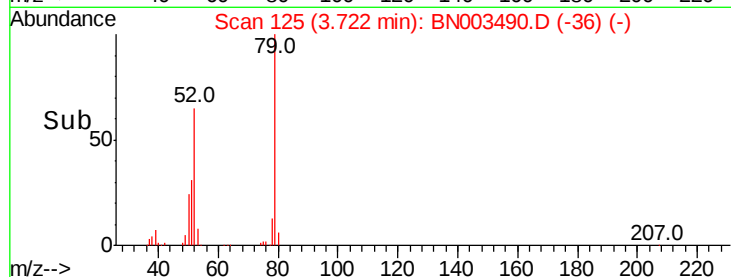
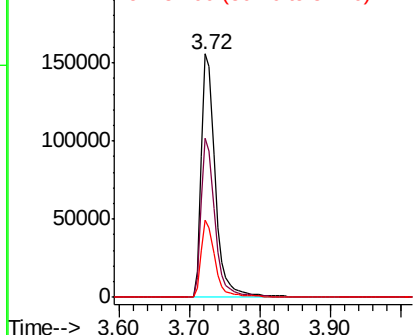
#3
 Pvridine
 Concen: 36.380 ng
 RT: 3.72 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

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Tot Ion: 79 Resp: 218942
 Ion Ratio Lower Upper
 79 100
 52 65.2 57.7 86.5
 51 31.7 28.7 43.1

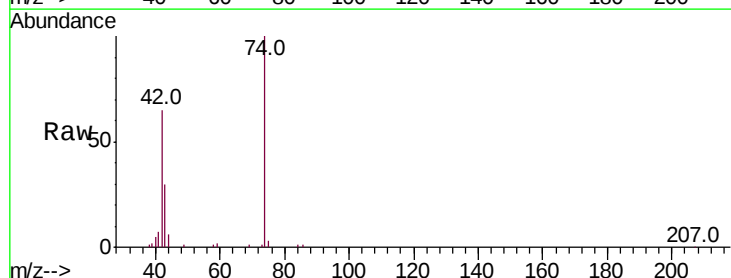


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

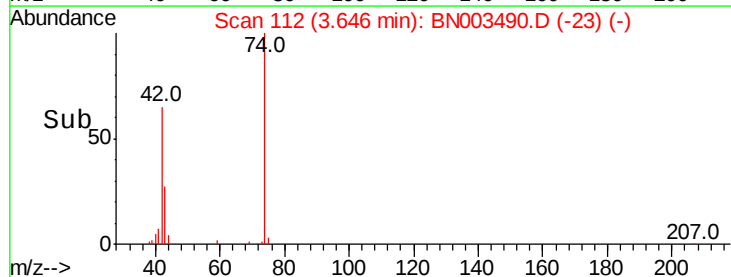
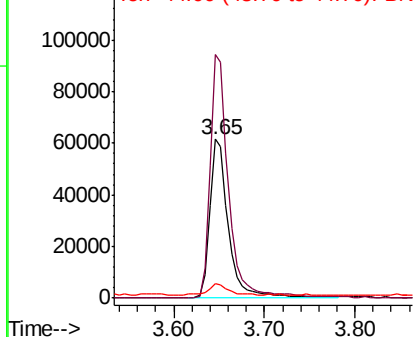


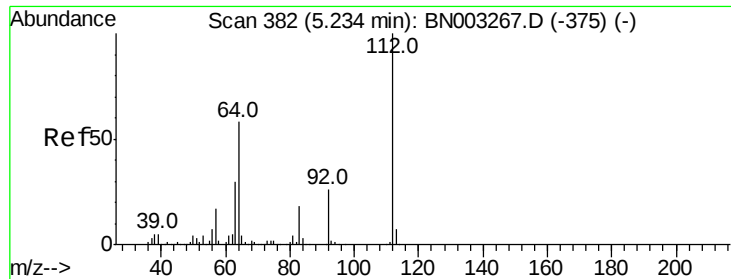
#4
 n-Nitrosodimethylamine
 Concen: 40.090 ng
 RT: 3.65 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion: 42 Resp: 88830
 Ion Ratio Lower Upper
 42 100
 74 153.3 114.2 171.4
 44 9.1 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 105.107 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampled :

PB114671BS

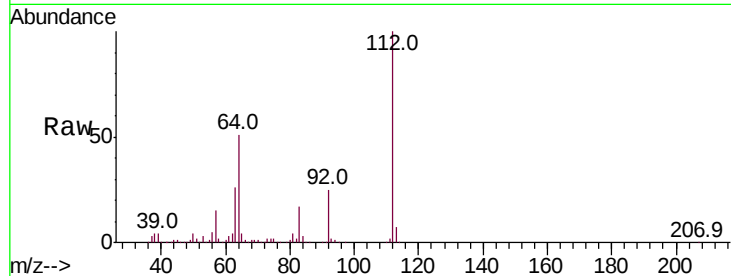
Tot Ion:112 Resp: 583014

Ion Ratio Lower Upper

112 100

64 51.5 46.6 69.8

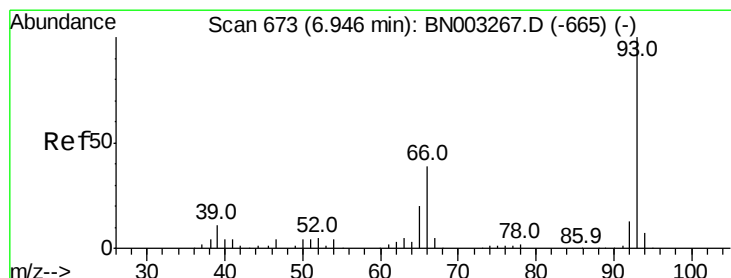
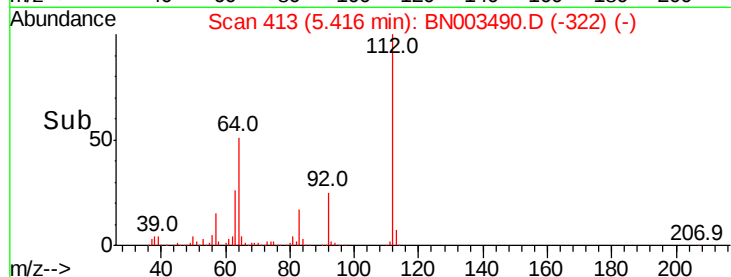
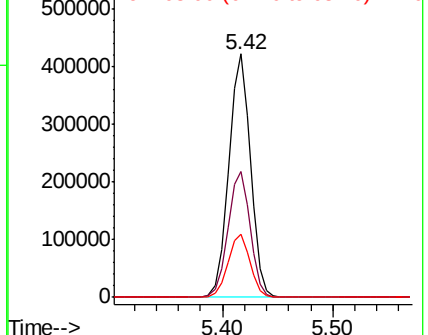
63 25.7 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 21.254 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

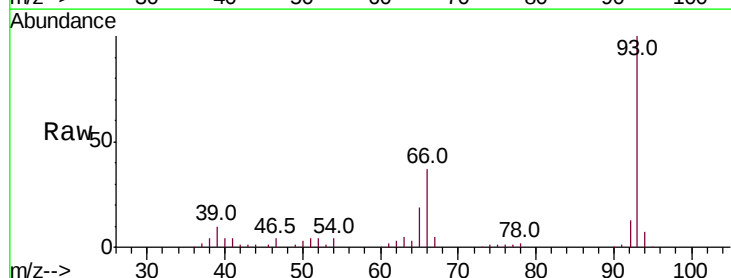
Tgt Ion: 93 Resp: 209332

Ion Ratio Lower Upper

93 100

66 36.8 31.4 47.0

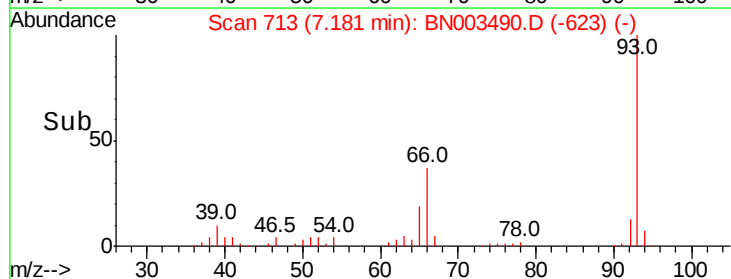
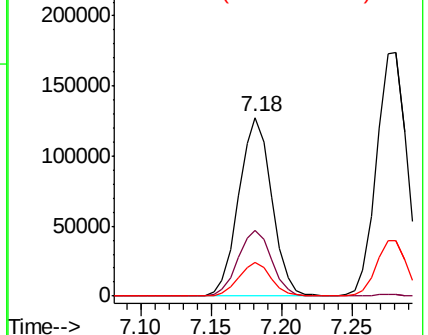
65 18.8 15.7 23.5

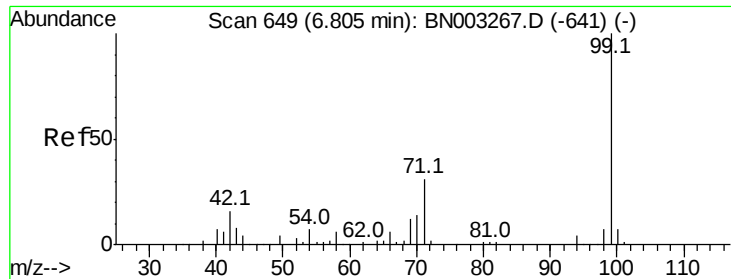


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 96.700 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

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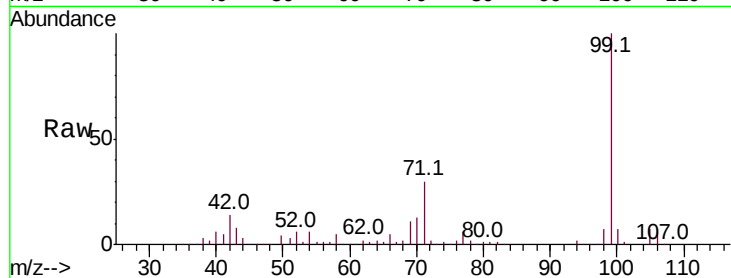
Tot Ion: 99 Resp: 762704

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.6

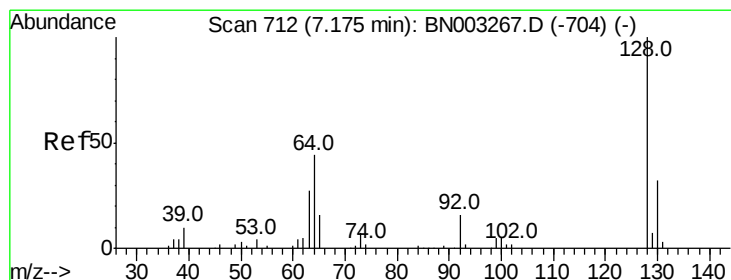
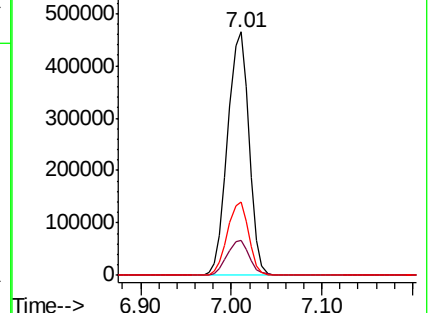
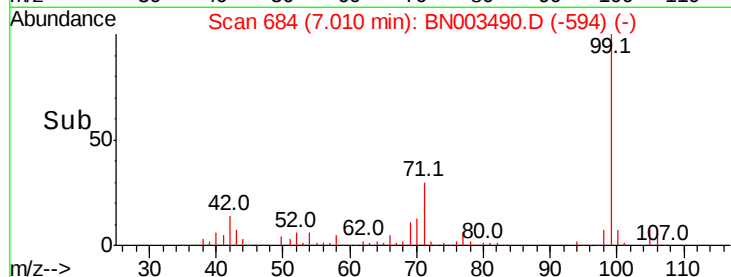
71 30.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#8

2-Chlorophenol

Concen: 46.838 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

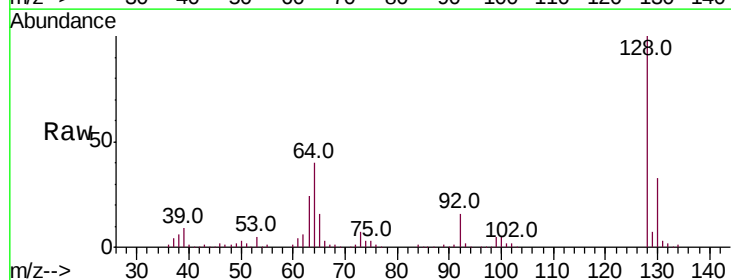
Tgt Ion: 128 Resp: 319999

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

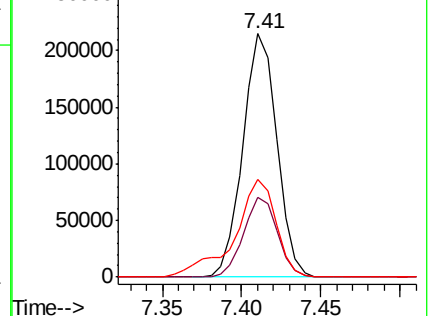
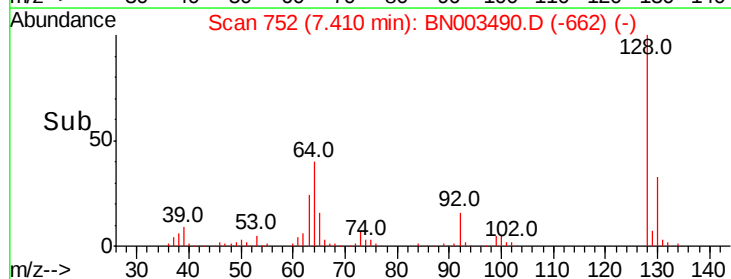
64 40.4 27.0 67.0

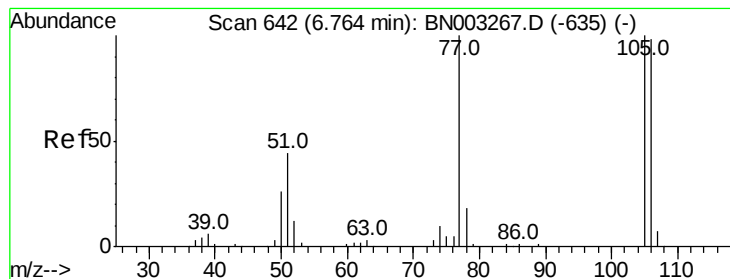


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)





#9

Benzaldehyde

Concen: 32.593 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

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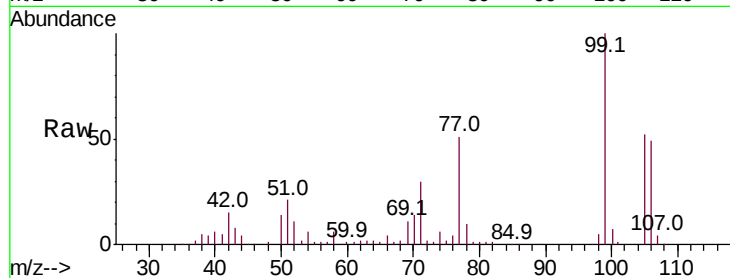
Tot Ion: 77 Resp: 149301

Ion Ratio Lower Upper

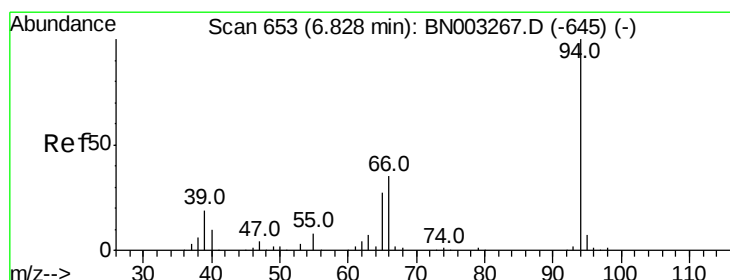
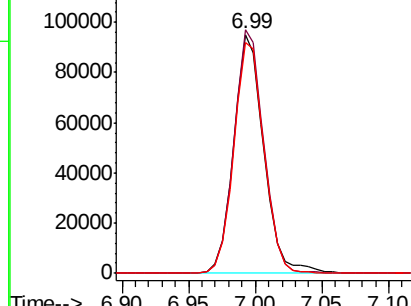
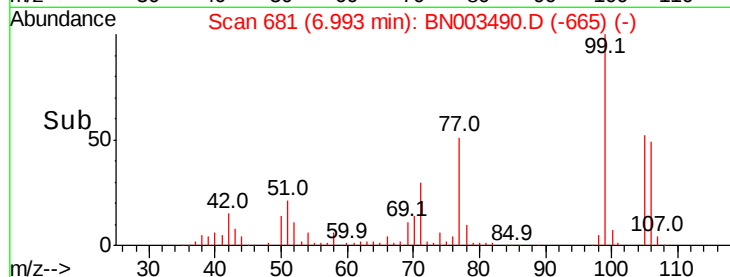
77 100

105 101.9 79.9 119.9

106 96.7 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 45.346 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

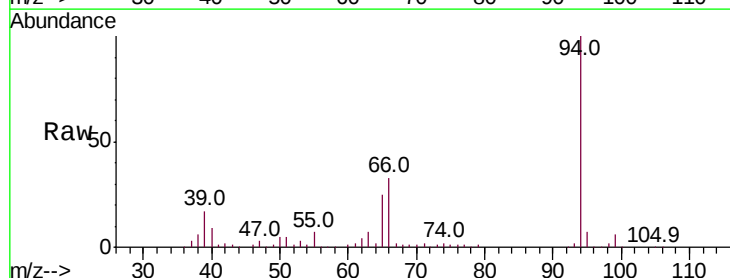
Tgt Ion: 94 Resp: 377430

Ion Ratio Lower Upper

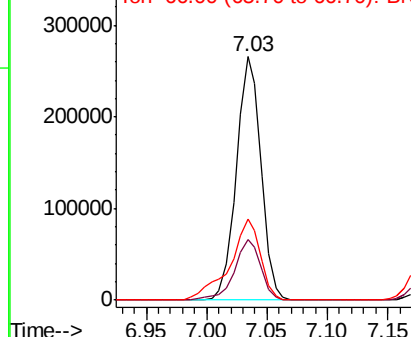
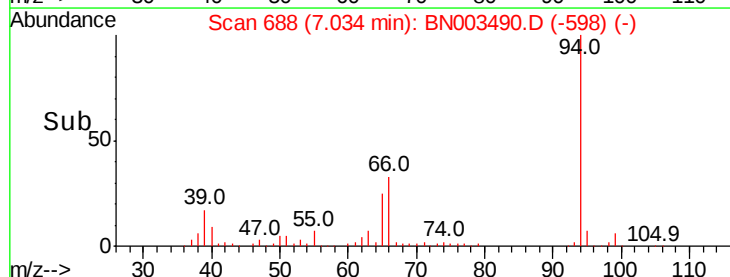
94 100

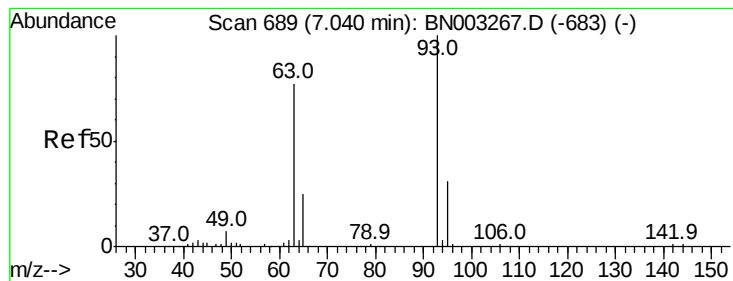
65 24.9 7.7 47.7

66 33.5 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 38.751 ng

RT: 7.28 min Scan# 730

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

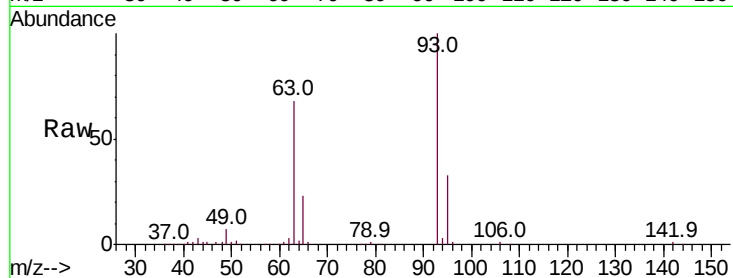
Tot Ion: 93 Resp: 263446

Ion Ratio Lower Upper

93 100

63 68.5 56.6 96.6

95 32.8 10.9 50.9

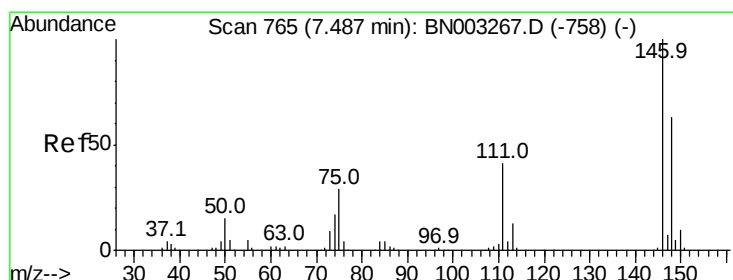
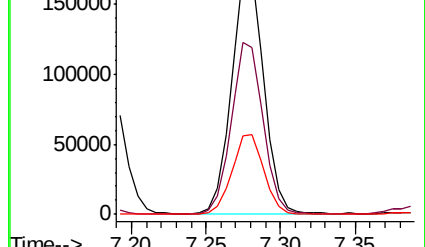
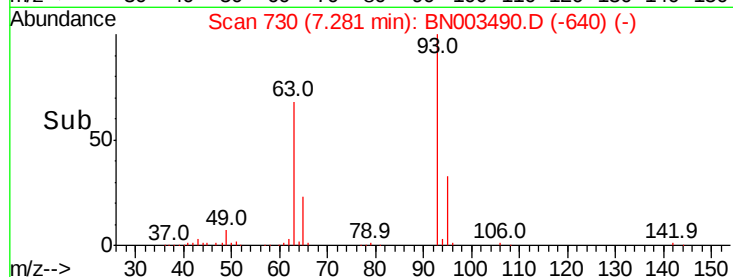


Abundance Ion 93.00 (92.70 to 93.70): BN003267.D (-683) (-)

Ion 63.00 (62.70 to 63.70): BN003267.D (-683) (-)

Ion 95.00 (94.70 to 95.70): BN003267.D (-683) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 41.125 ng

RT: 7.73 min Scan# 807

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

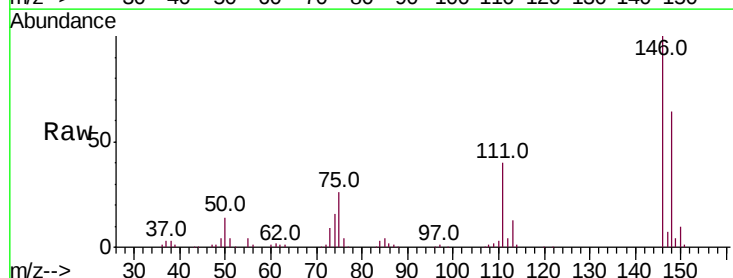
Tgt Ion: 146 Resp: 312380

Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

75 26.4 22.9 34.3

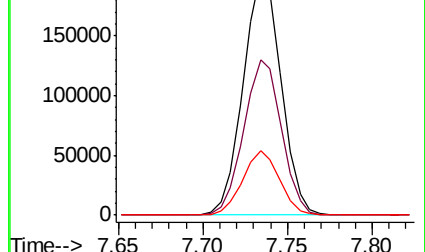
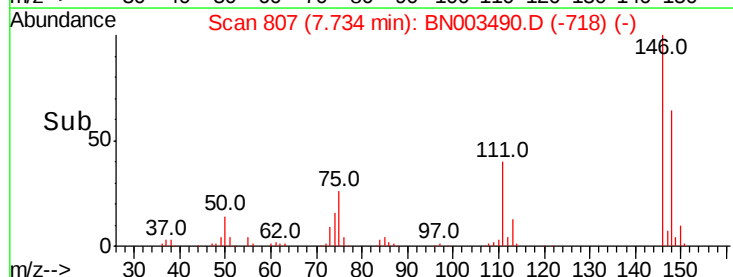


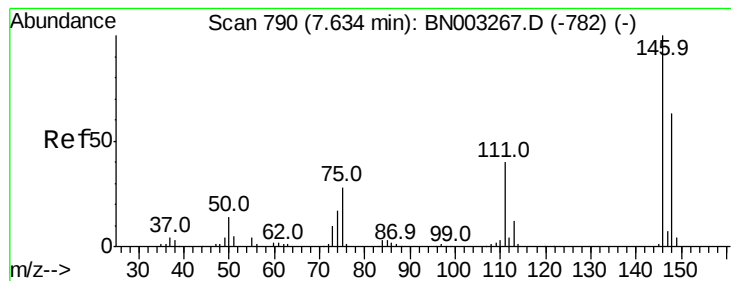
Abundance Ion 146.00 (145.70 to 146.70): BN003267.D (-758) (-)

Ion 148.00 (147.70 to 148.70): BN003267.D (-758) (-)

Ion 75.00 (74.70 to 75.70): BN003267.D (-758) (-)

Time-->





#13

1,4-Dichlorobenzene

Concen: 41.209 ng

RT: 7.89 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

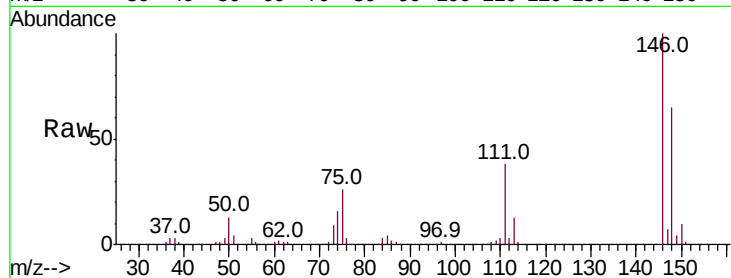
Tot Ion:146 Resp: 322310

Ion Ratio Lower Upper

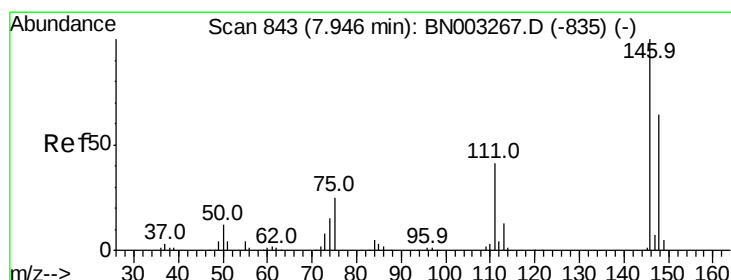
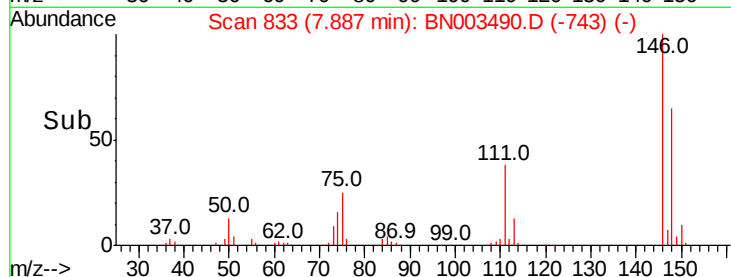
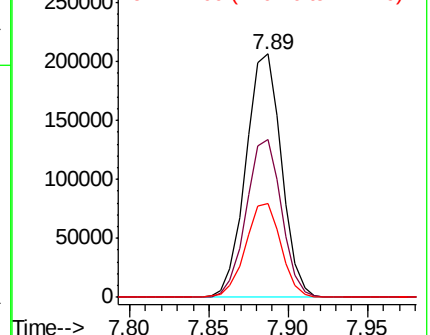
146 100

148 64.8 50.2 75.2

111 38.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.011 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

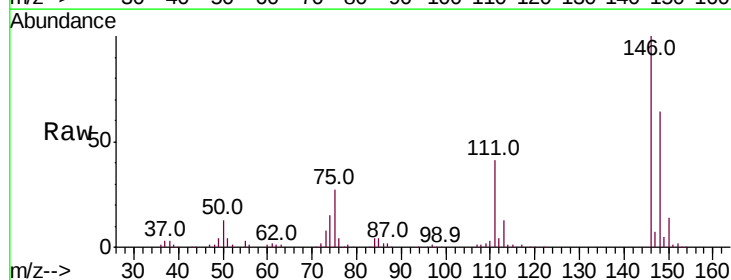
Tgt Ion:146 Resp: 311307

Ion Ratio Lower Upper

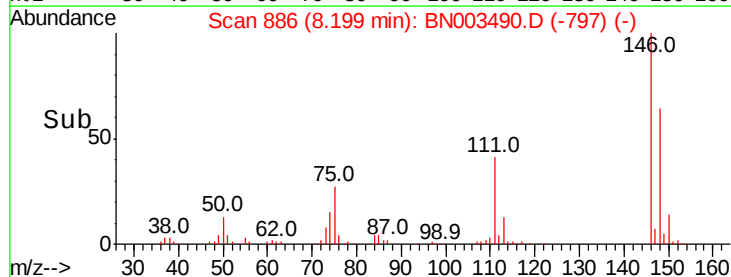
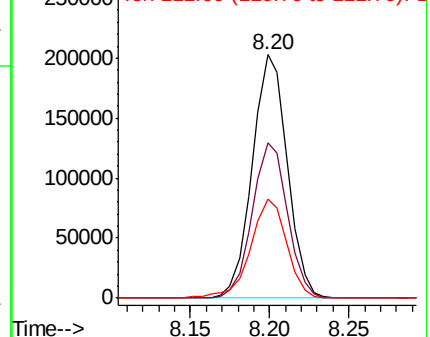
146 100

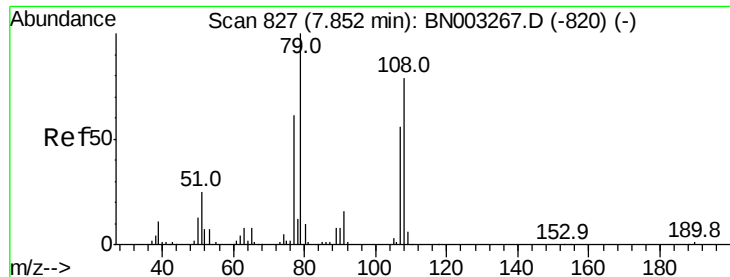
148 63.9 51.4 77.2

111 40.8 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.181 ng

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

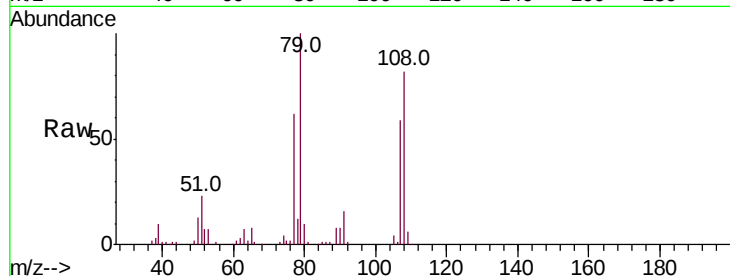
Tot Ion: 79 Resp: 245432

Ion Ratio Lower Upper

79 100

108 82.2 63.3 94.9

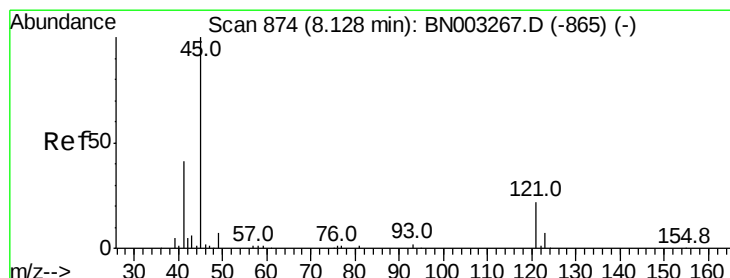
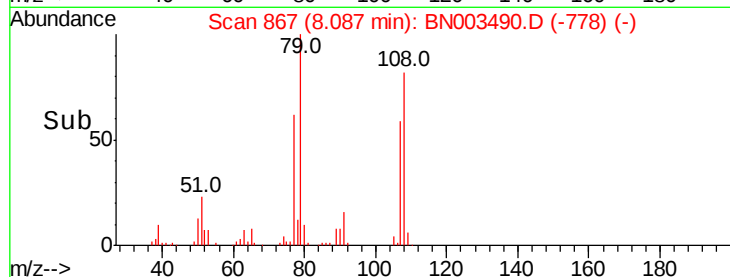
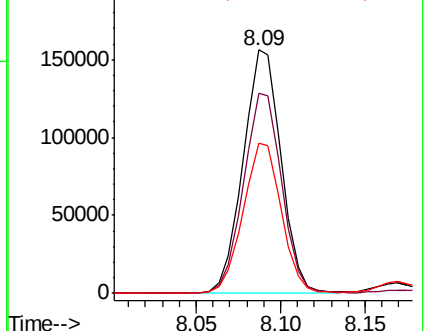
77 61.7 49.0 73.6



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.241 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

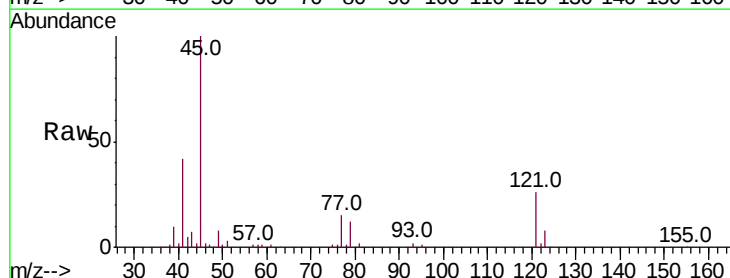
Tgt Ion: 45 Resp: 341292

Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.0

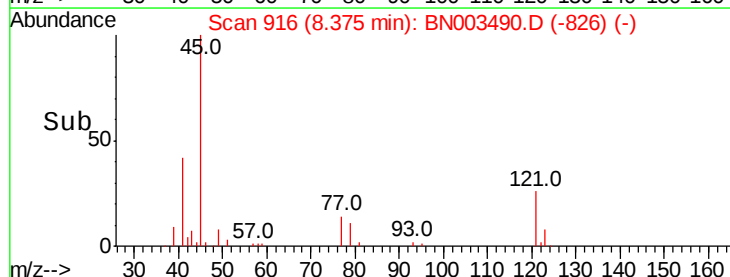
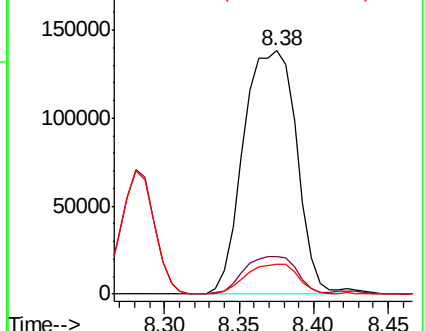
79 12.2 0.0 30.9

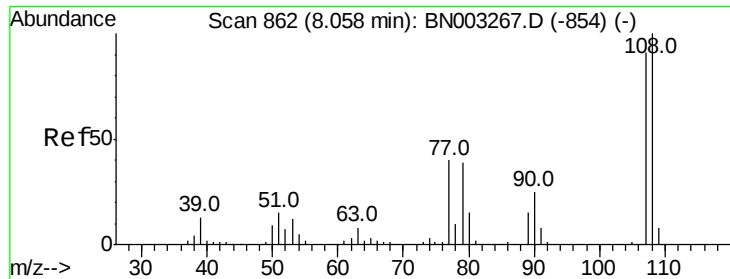


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

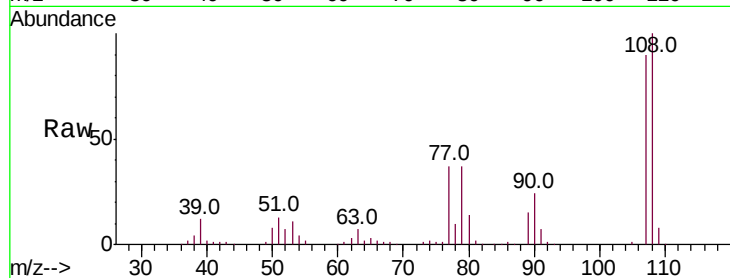




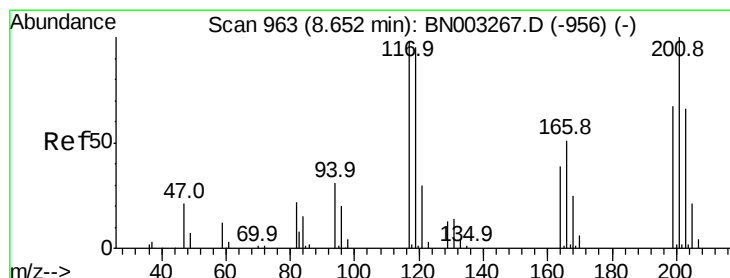
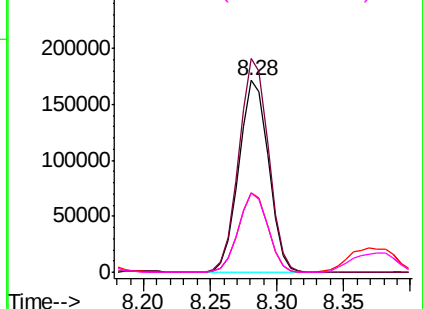
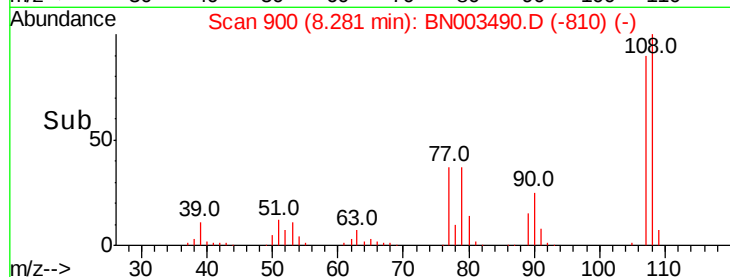
#17
2-Methylphenol
Concen: 46.462 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:107 Resp: 264294
Ion Ratio Lower Upper
107 100
108 111.4 87.6 131.4
77 41.3 35.3 52.9
79 41.1 34.2 51.4

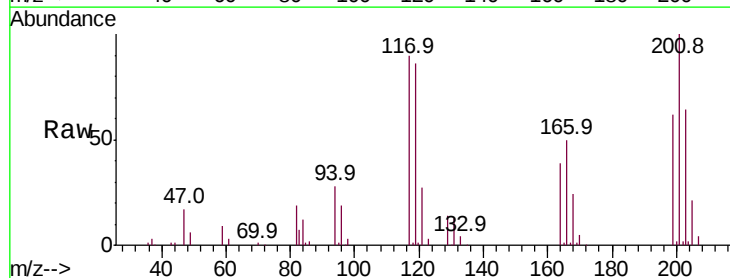


Abundance Ion 107.00 (106.70 to 107.70): E
300000 Ion 108.00 (107.70 to 108.70): E
250000 Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

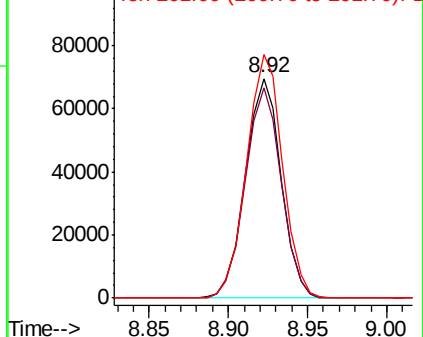
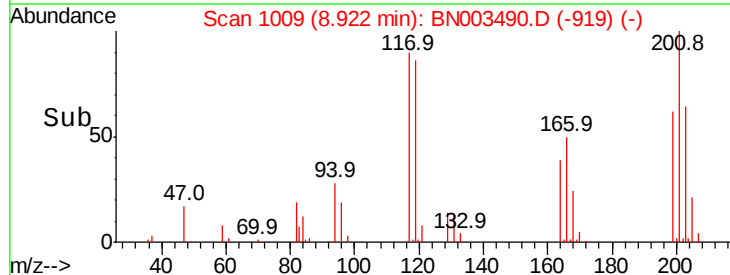


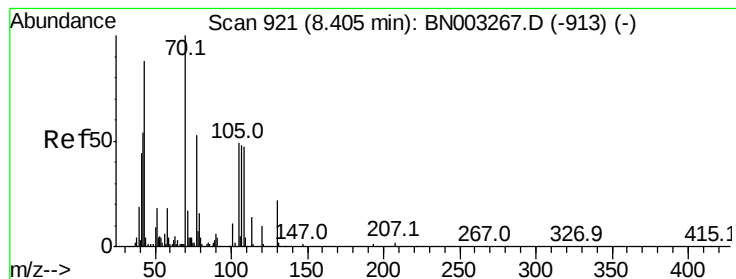
#18
Hexachloroethane
Concen: 39.800 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:117 Resp: 109054
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
201 111.0 81.4 122.2



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.038 ng

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

Tot Ion: 70 Resp: 204971

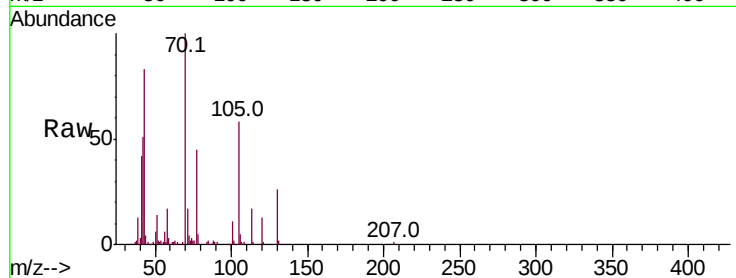
Ion Ratio Lower Upper

70 100

42 51.3 43.5 65.3

101 10.7 8.6 12.8

130 25.7 18.0 27.0

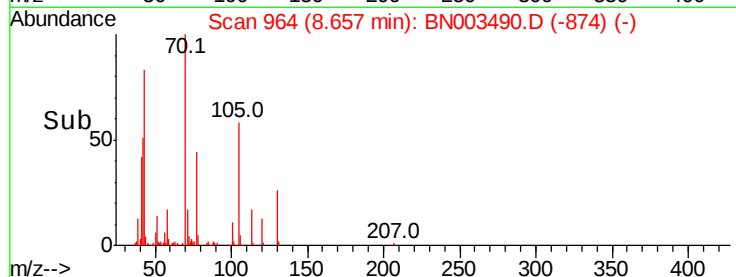
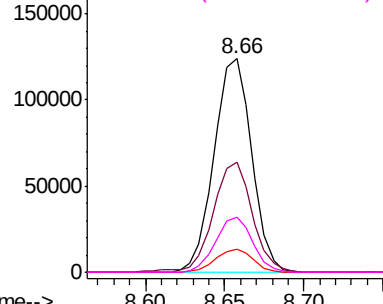


Abundance Ion 70.00 (69.70 to 70.70): BN003267.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BN003267.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-913) (-)



#20

3+4-Methylphenols

Concen: 44.072 ng

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Tgt Ion: 107 Resp: 356125

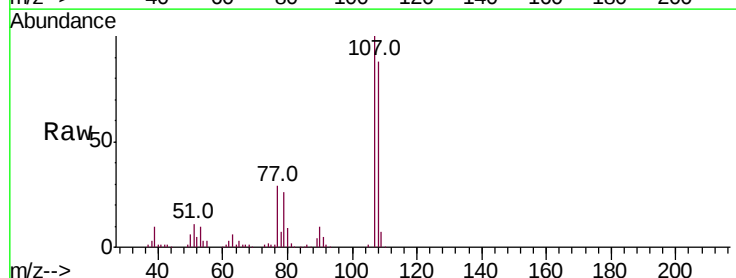
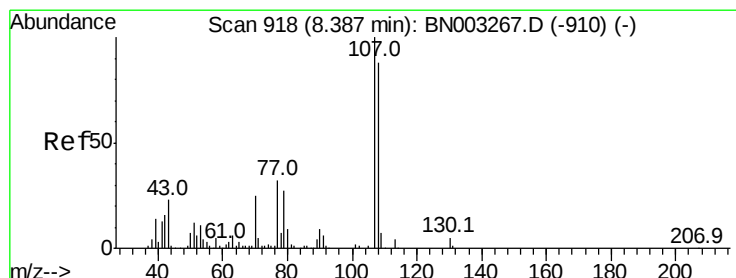
Ion Ratio Lower Upper

107 100

108 87.7 67.8 107.8

77 29.5 12.1 52.1

79 25.8 7.2 47.2

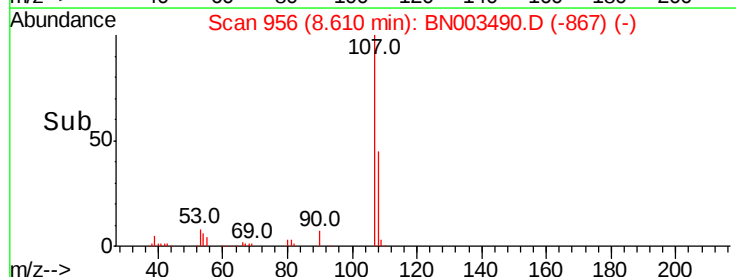
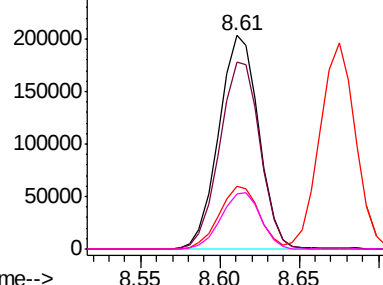


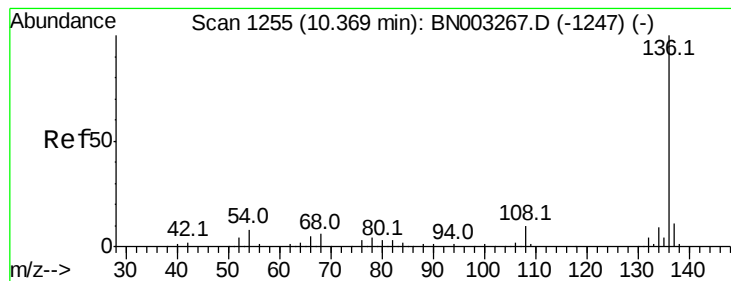
Abundance Ion 107.00 (106.70 to 107.70): BN003267.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BN003267.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BN003267.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BN003267.D (-910) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

Tot Ion:136 Resp: 425117

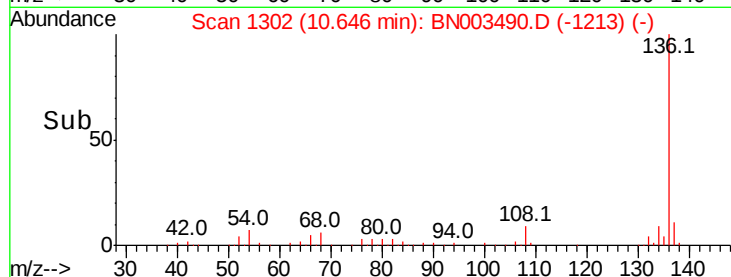
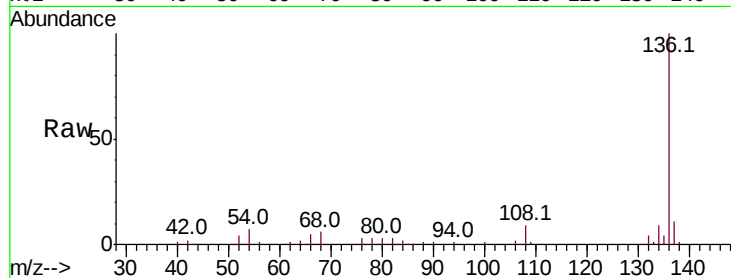
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 6.6 10.0

68 6.1 4.6 7.0

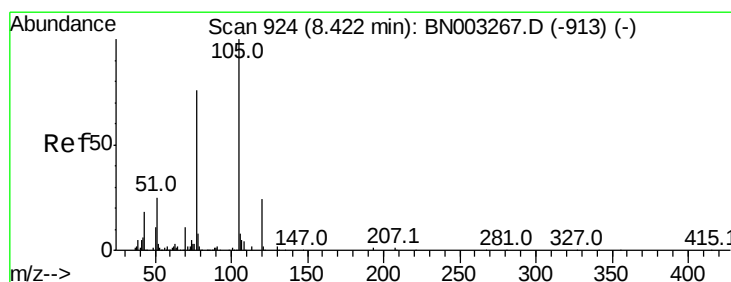
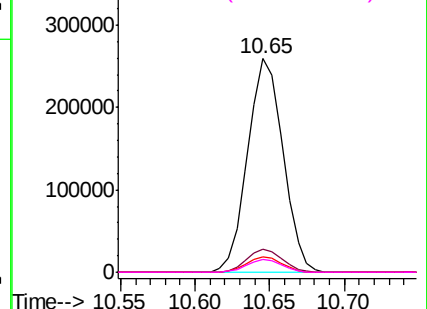


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 41.315 ng

RT: 8.68 min Scan# 967

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Tgt Ion:105 Resp: 425739

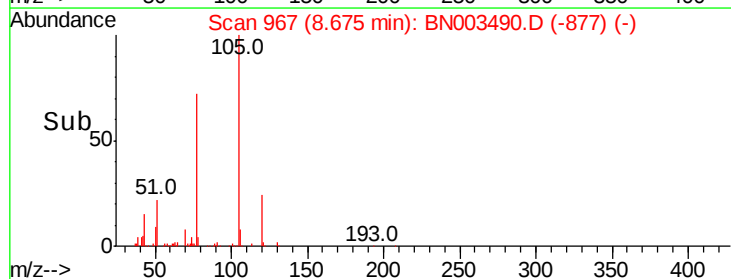
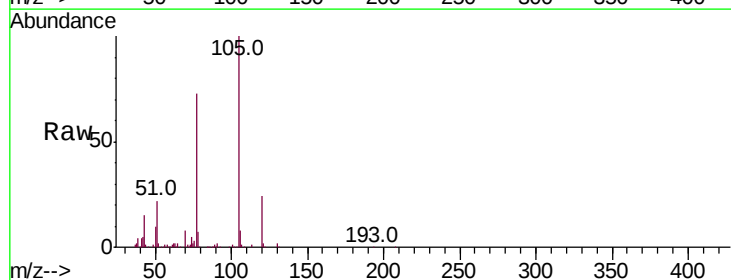
Ion Ratio Lower Upper

105 100

71 1.3 1.3 1.9

51 22.3 20.5 30.7

120 24.4 19.0 28.6

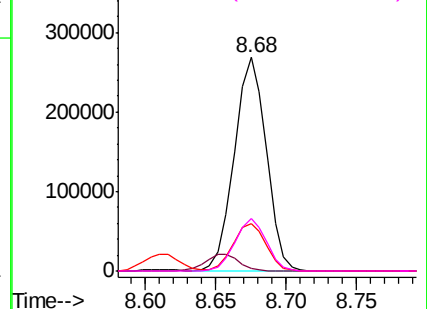


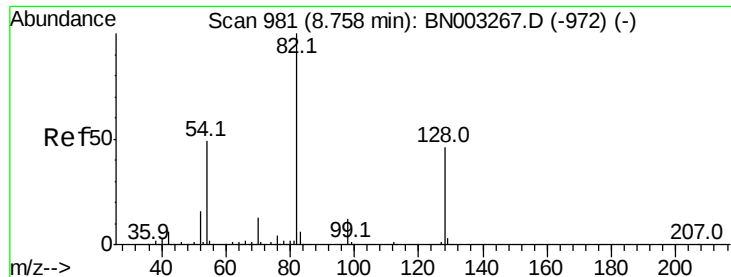
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.845 ng

RT: 9.02 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampled :

PB114671BS

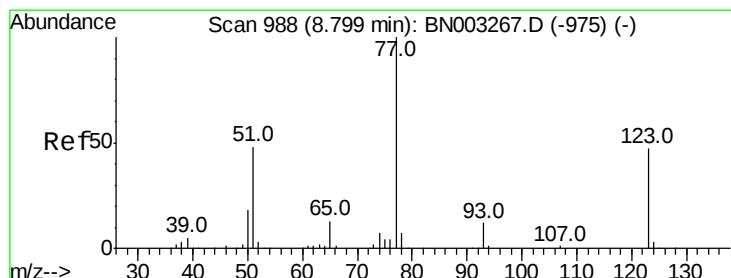
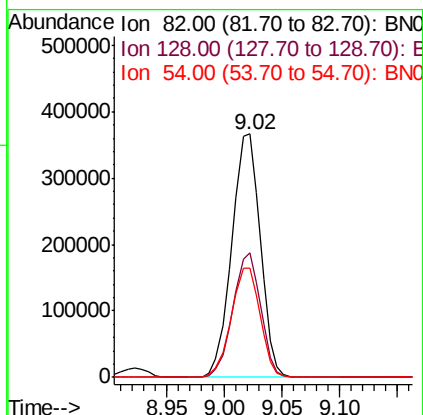
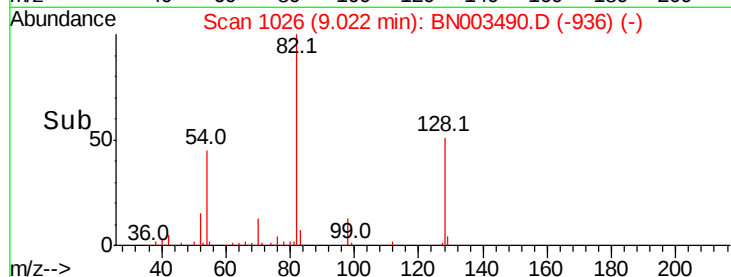
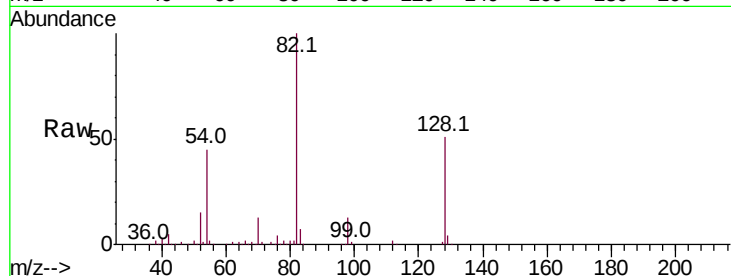
Tot Ion: 82 Resp: 628935

Ion Ratio Lower Upper

82 100

128 51.2 37.1 55.7

54 45.1 39.4 59.2



#24

Nitrobenzene

Concen: 40.009 ng

RT: 9.06 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

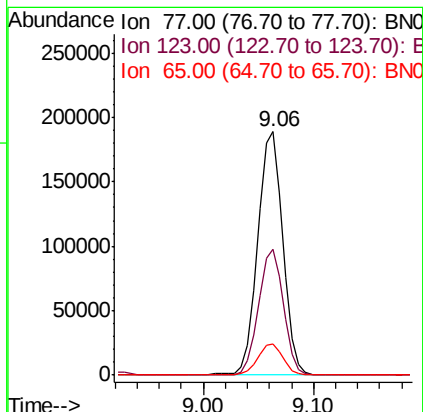
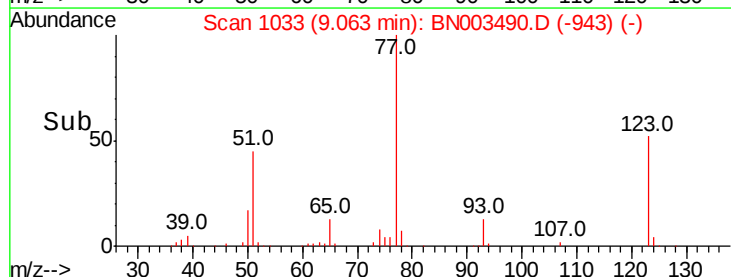
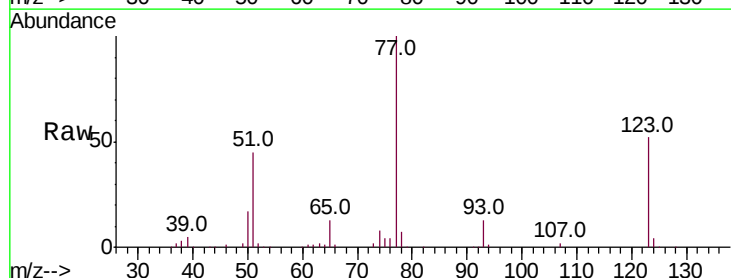
Tgt Ion: 77 Resp: 302640

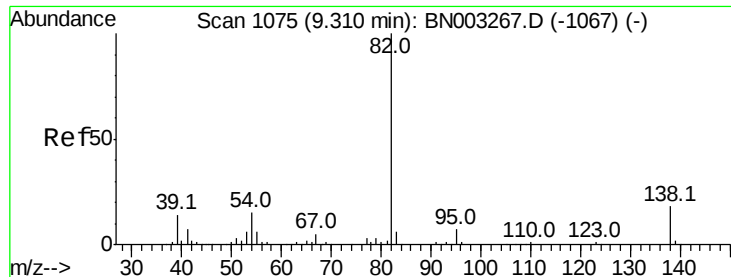
Ion Ratio Lower Upper

77 100

123 51.7 37.8 56.6

65 12.9 10.7 16.1





#25

Isophorone

Concen: 44.224 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

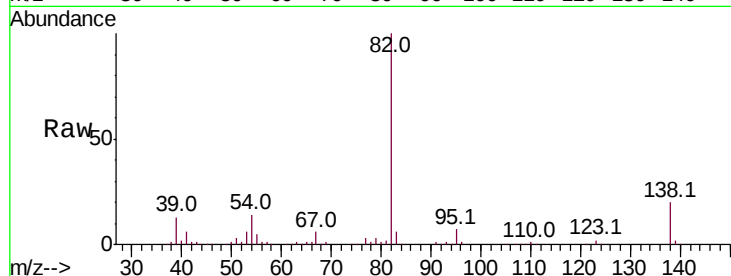
Tot Ion: 82 Resp: 575036

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

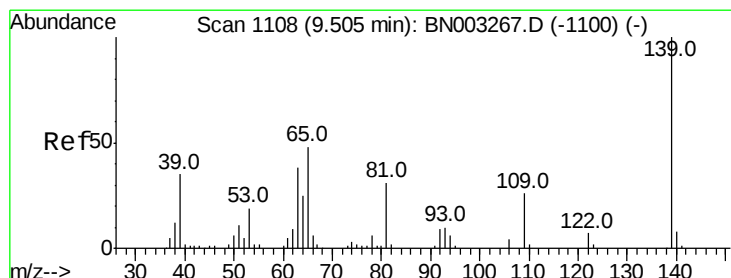
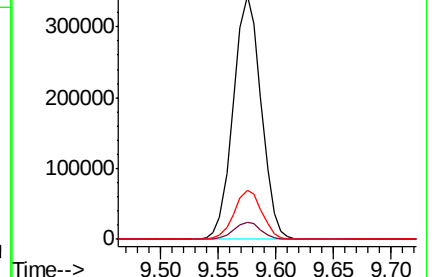
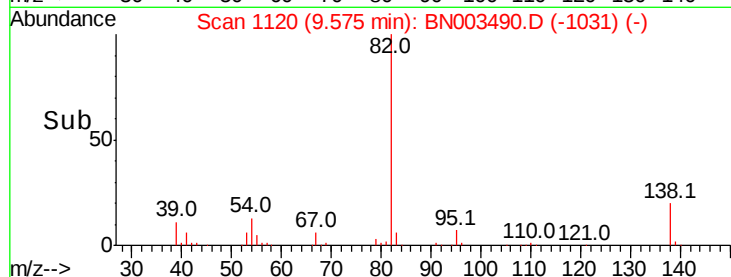
138 20.0 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BN003490.D (-1031) (-)

Ion 95.00 (94.70 to 95.70): BN003490.D (-1031) (-)

Ion 138.00 (137.70 to 138.70): BN003490.D (-1031) (-)



#26

2-Nitrophenol

Concen: 42.839 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

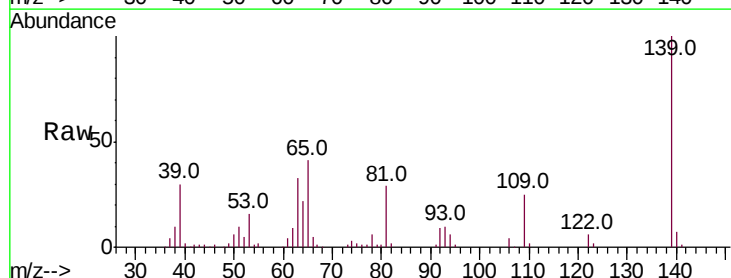
Tgt Ion: 139 Resp: 170557

Ion Ratio Lower Upper

139 100

109 24.8 20.5 30.7

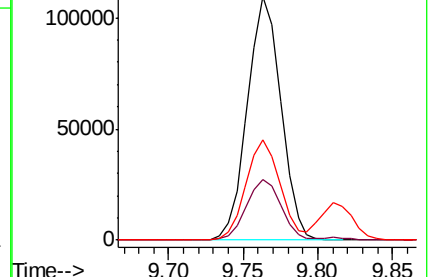
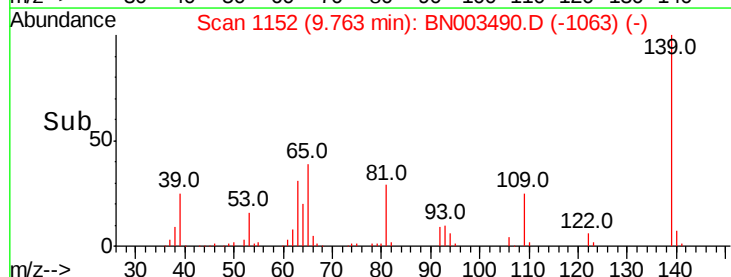
65 41.4 38.4 57.6

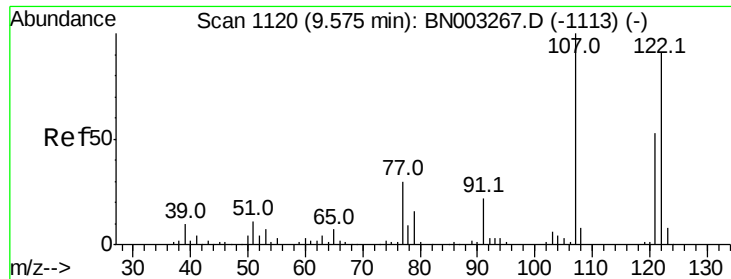


Abundance Ion 139.00 (138.70 to 139.70): BN003490.D (-1063) (-)

Ion 109.00 (108.70 to 109.70): BN003490.D (-1063) (-)

Ion 65.00 (64.70 to 65.70): BN003490.D (-1063) (-)

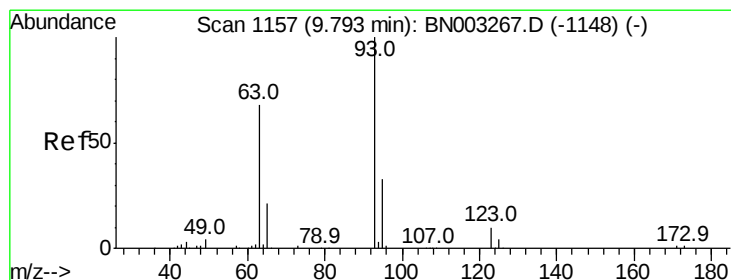
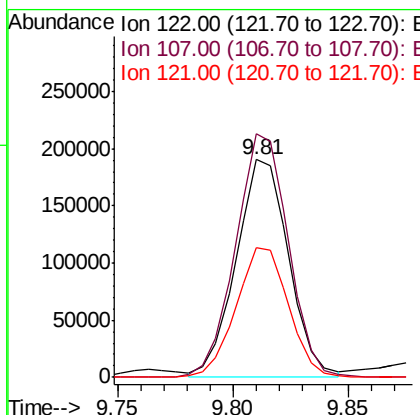
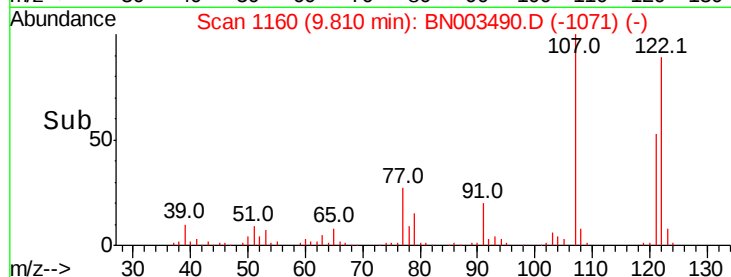
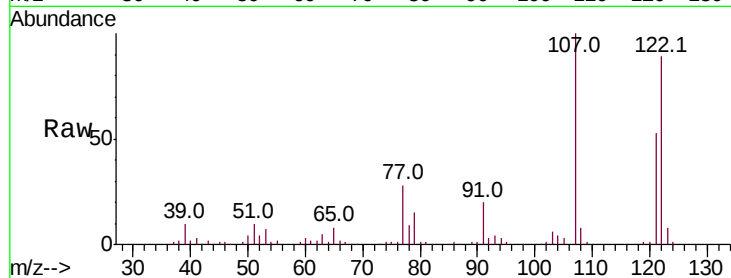




#27
2,4-Dimethylphenol
Concen: 53.999 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

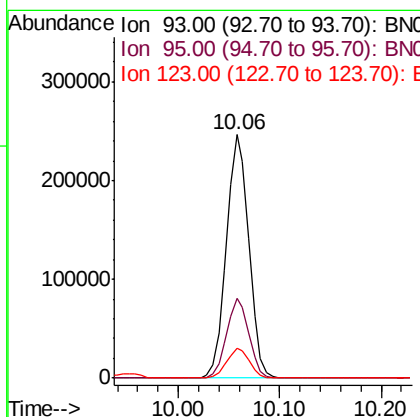
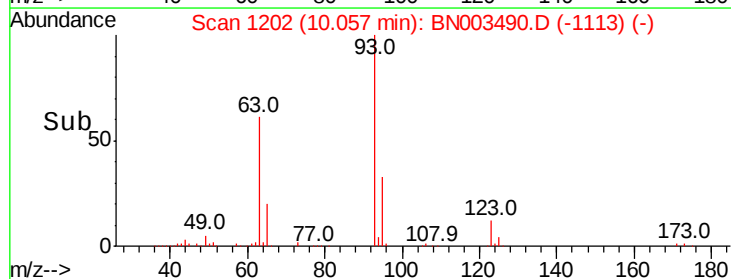
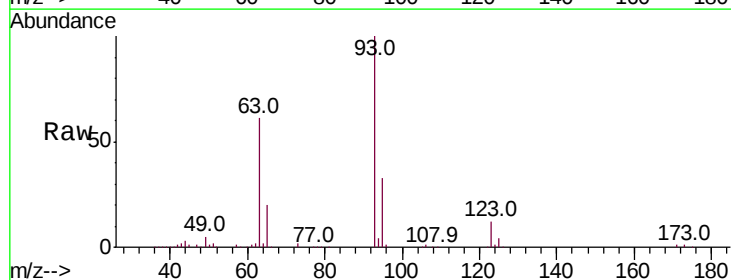
Instrument :
BNA_N
ClientSampleId :
PB114671BS

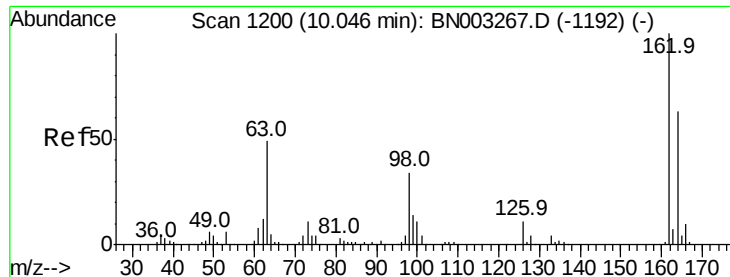
Tot Ion:122 Resp: 302285
Ion Ratio Lower Upper
122 100
107 111.9 87.8 131.6
121 59.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.993 ng
RT: 10.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion: 93 Resp: 376612
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.4 9.1 13.7

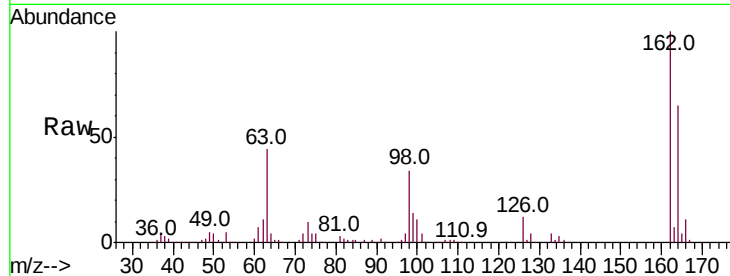




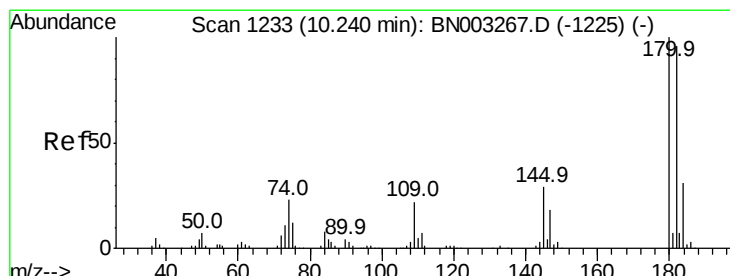
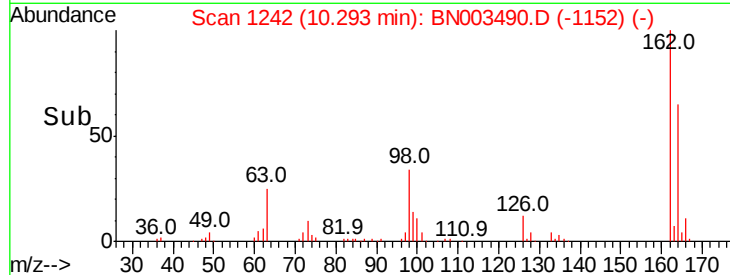
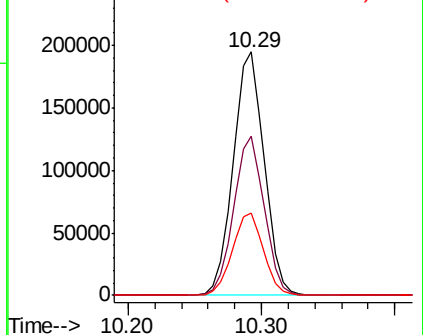
#29
 2,4-Dichlorophenol
 Concen: 49.246 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Instrument :
 BNA_N
 ClientSampleID :
 PB114671BS

Tot Ion:162 Resp: 314591
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.5 82.5
 98 33.8 14.0 54.0

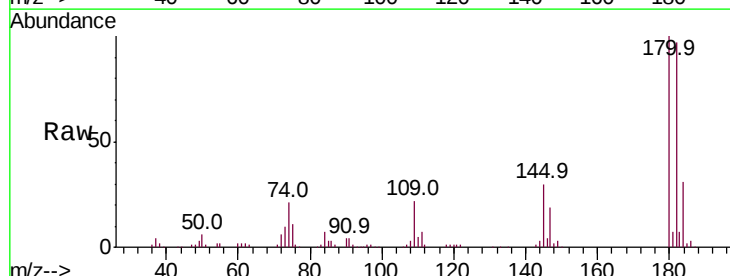


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

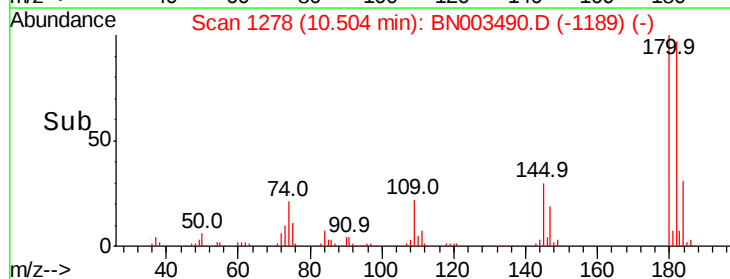
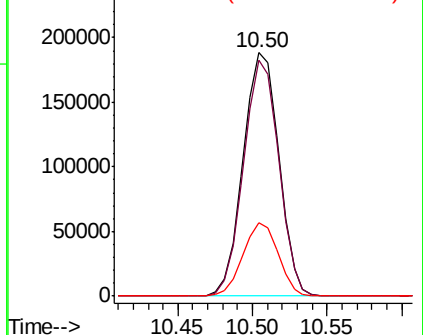


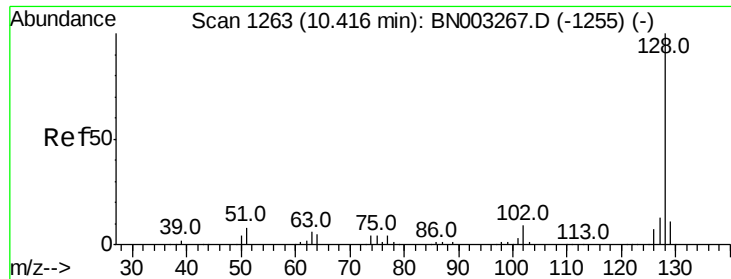
#30
 1,2,4-Trichlorobenzene
 Concen: 42.972 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion:180 Resp: 312078
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.4 114.6
 145 30.2 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

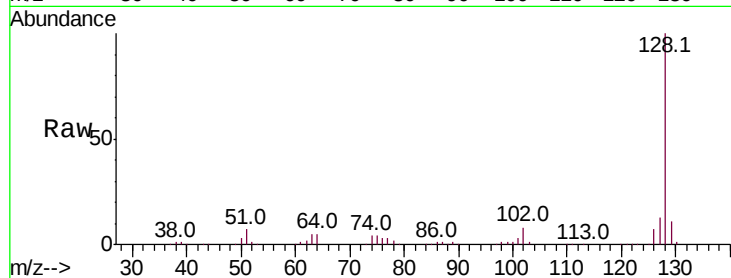




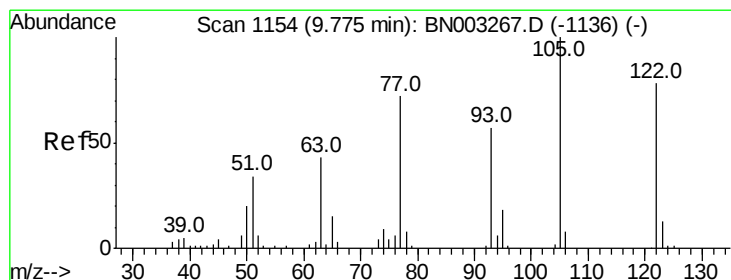
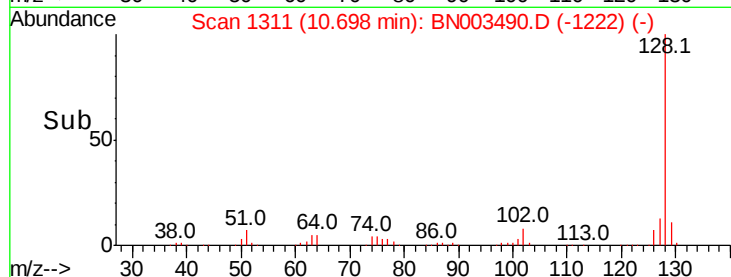
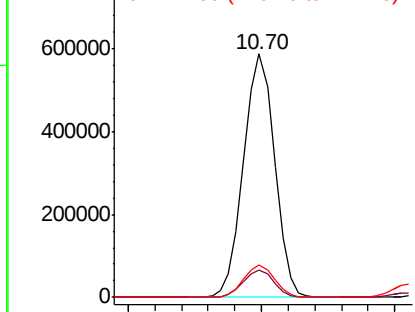
#31
Naphthalene
Concen: 45.556 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:128 Resp: 946388
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.4 15.6

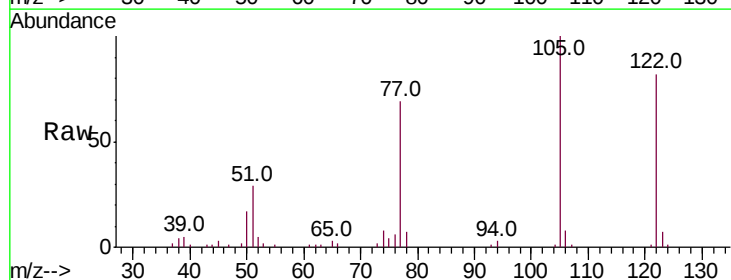


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

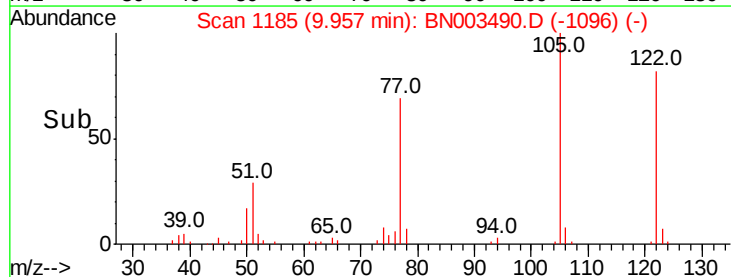
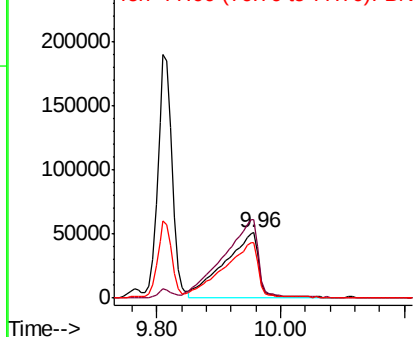


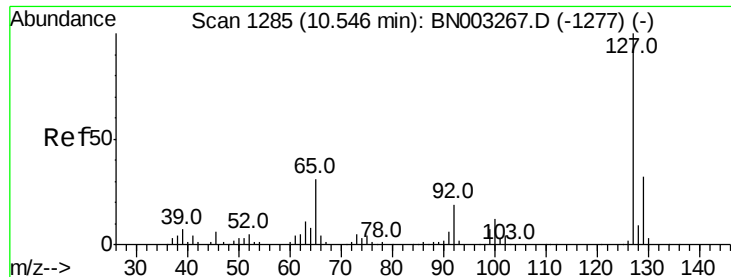
#32
Benzoic acid
Concen: 41.853 ng
RT: 9.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:122 Resp: 197002
Ion Ratio Lower Upper
122 100
105 121.6 106.8 146.8
77 84.4 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO

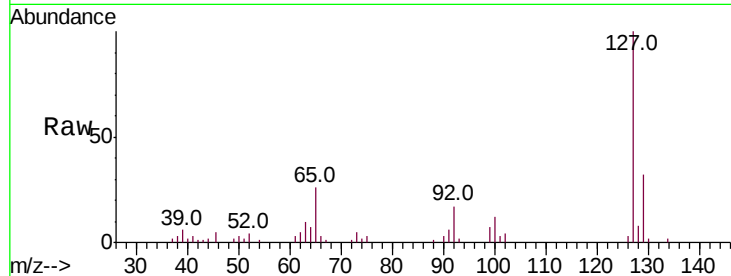




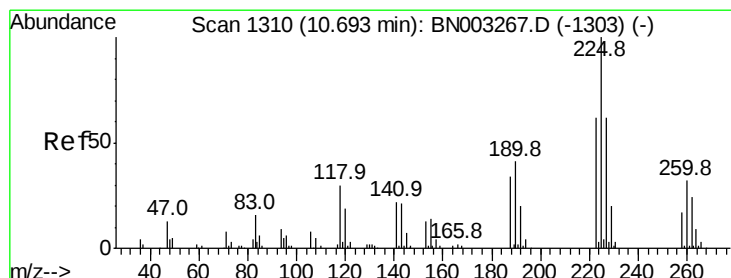
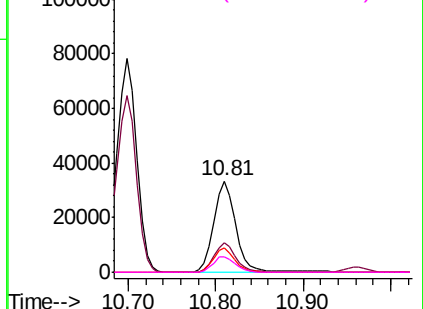
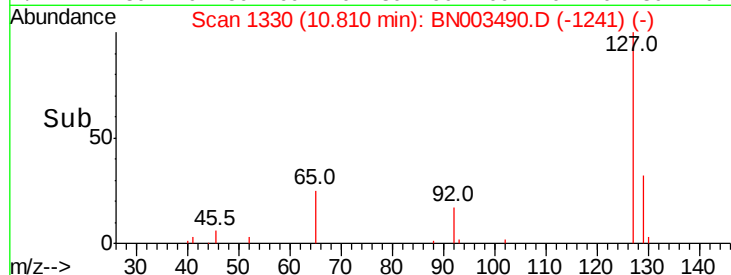
#33
4-Chloroaniline
Concen: 6.442 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:127	Resp:	59137
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.6
65	26.4	24.6 36.8
92	17.5	15.3 22.9

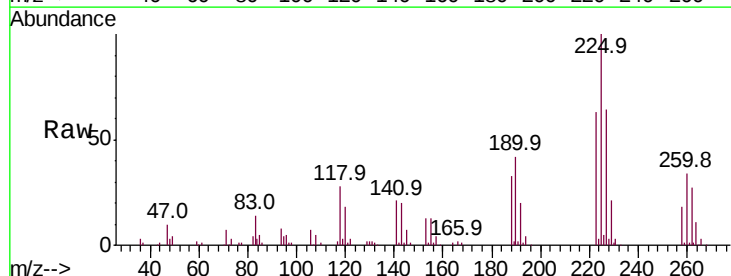


Abundance Ion 127.00 (126.70 to 127.70): E
120000 Ion 129.00 (128.70 to 129.70): E
100000 Ion 65.00 (64.70 to 65.70): BNC
80000 Ion 92.00 (91.70 to 92.70): BNC

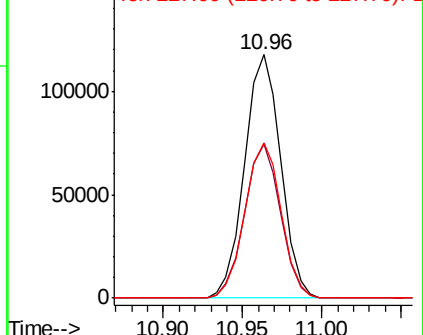
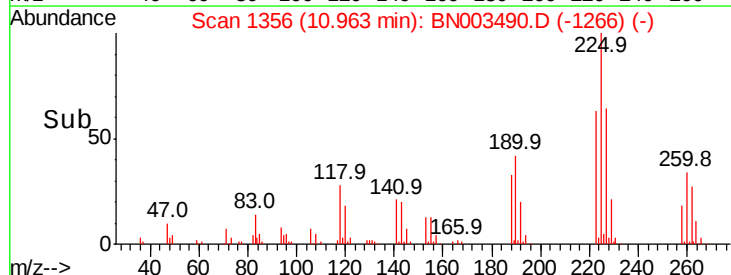


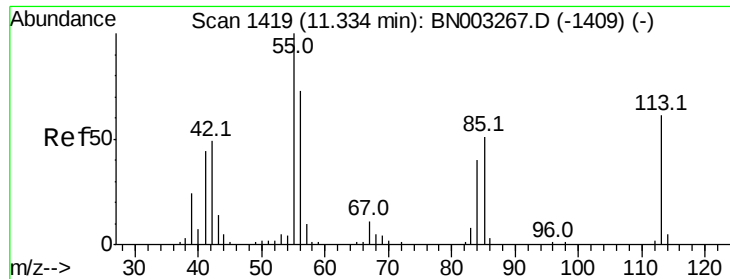
#34
Hexachlorobutadiene
Concen: 43.088 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:225	Resp:	186733
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.8 74.8
227	63.6	49.6 74.4



Abundance Ion 225.00 (224.70 to 225.70): E
150000 Ion 223.00 (222.70 to 223.70): E
100000 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.278 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampled :

PB114671BS

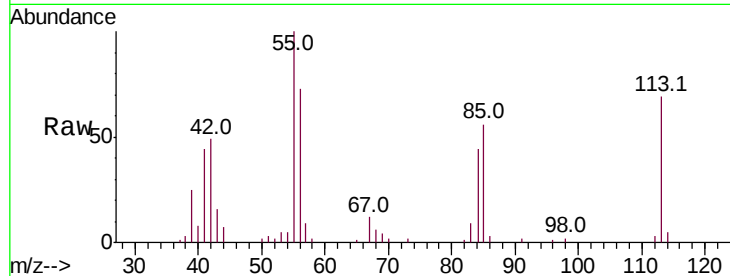
Tot Ion:113 Resp: 43219

Ion Ratio Lower Upper

113 100

55 145.5 144.2 184.2

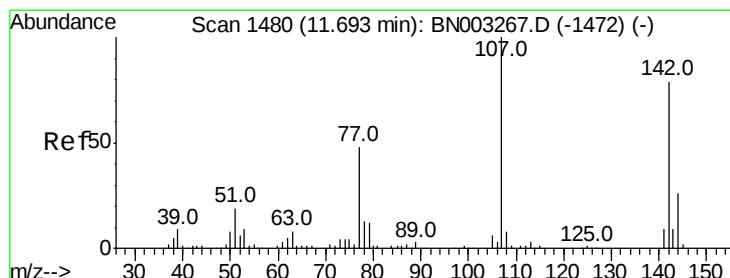
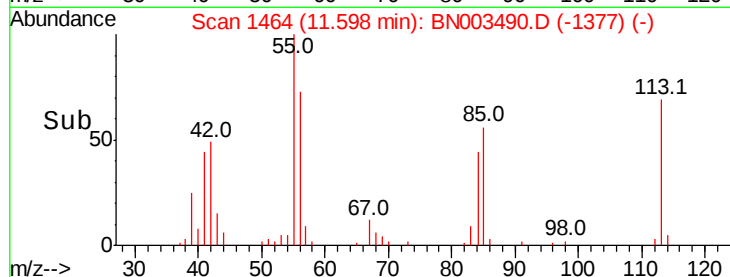
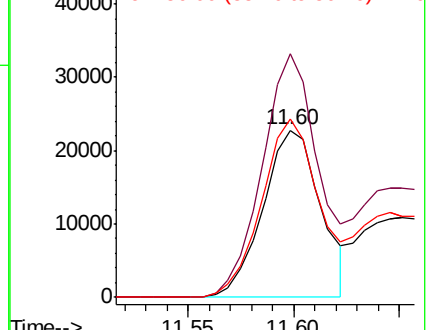
56 106.2 100.6 140.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 43.804 ng

RT: 11.93 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

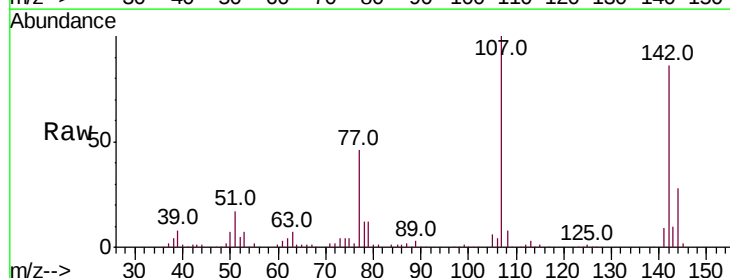
Tgt Ion:107 Resp: 312095

Ion Ratio Lower Upper

107 100

144 27.9 20.8 31.2

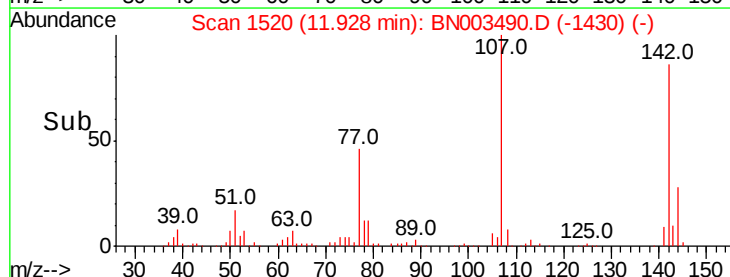
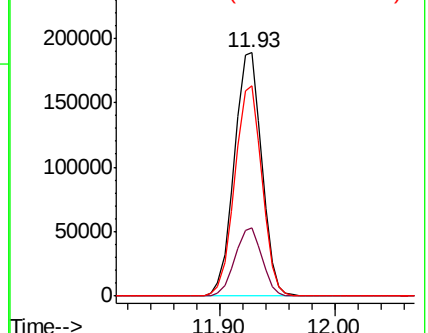
142 86.3 63.5 95.3

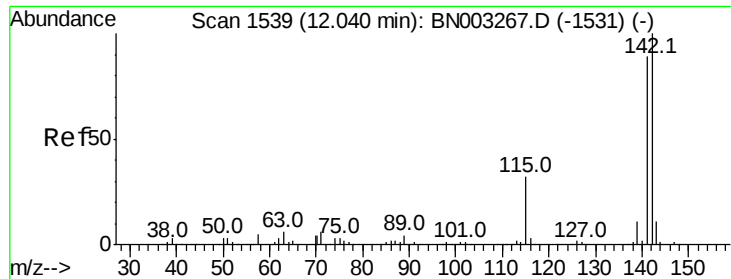


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

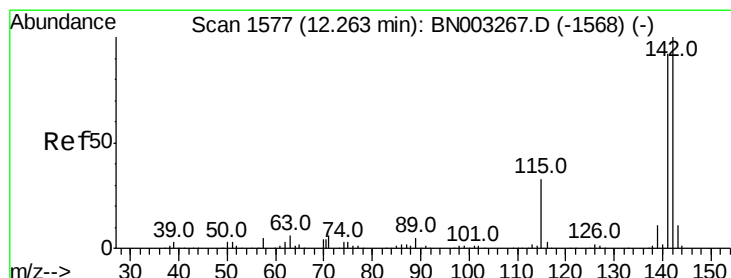
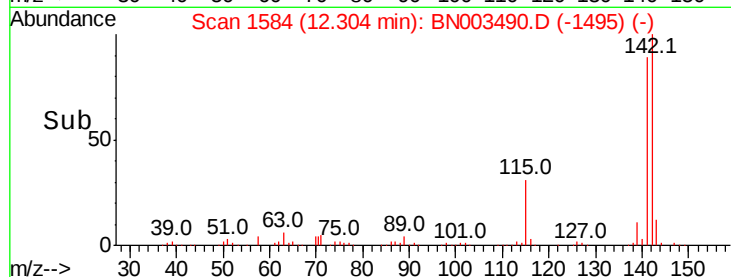
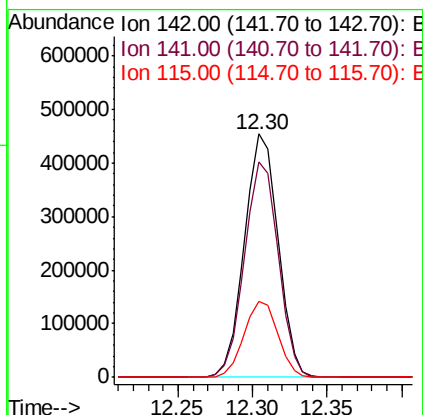
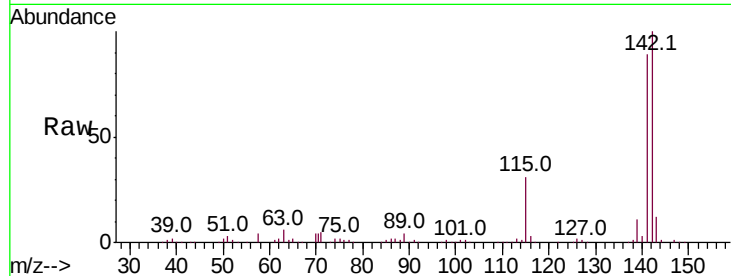




#37
 2-Methylnaphthalene
 Concen: 47.702 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

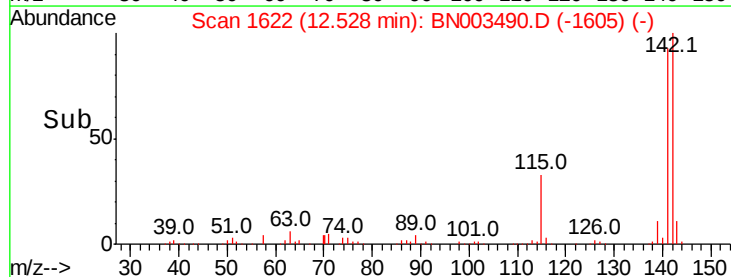
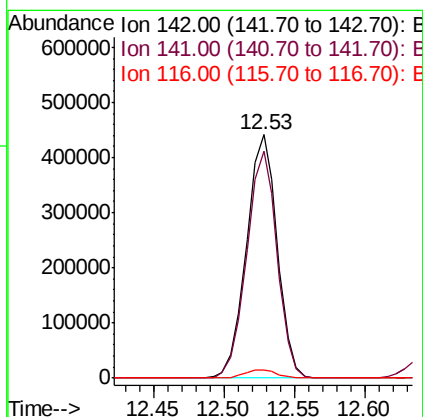
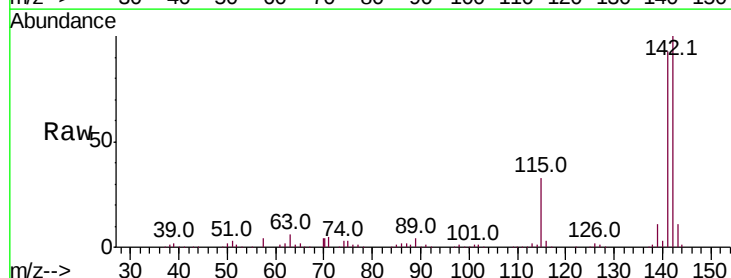
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

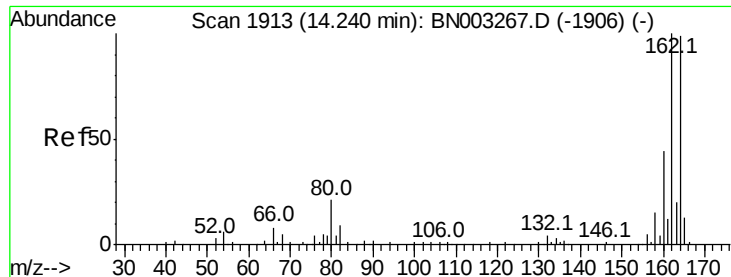
Tot Ion:142 Resp: 708175
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 31.1 25.5 38.3



#38
 1-Methylnaphthalene
 Concen: 46.410 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion:142 Resp: 672937
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.6 110.4
 116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

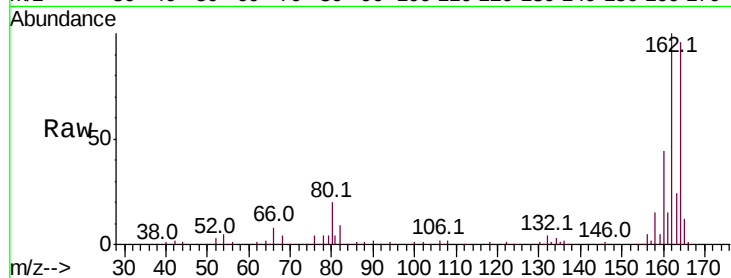
Tot Ion:164 Resp: 242012

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

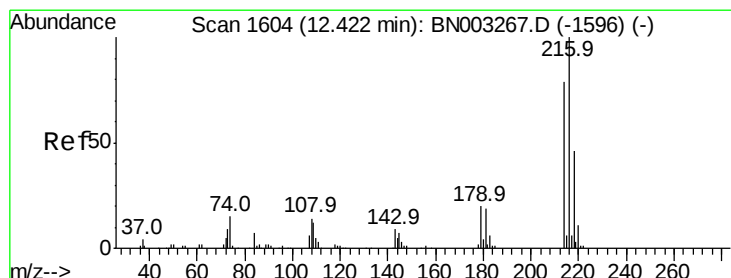
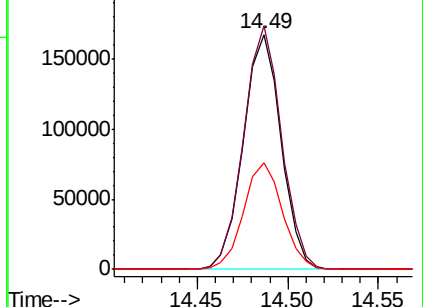
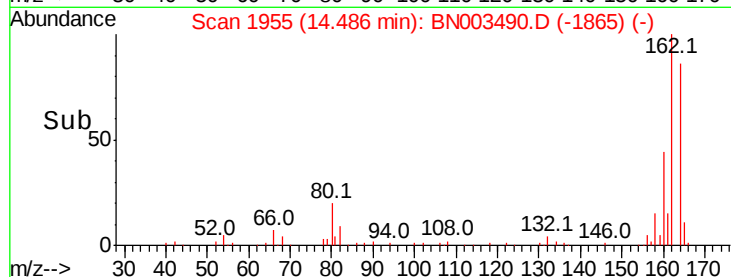
160 45.2 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.204 ng

RT: 12.67 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Tgt Ion:216 Resp: 369910

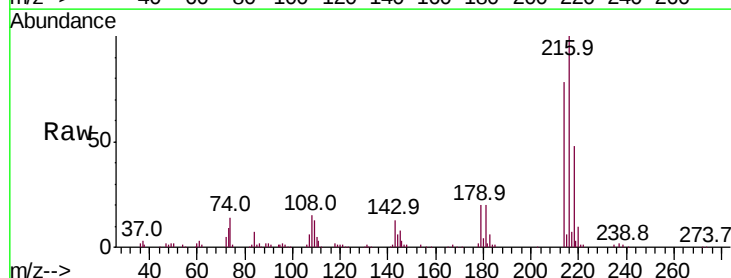
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 20.5 16.0 24.0

108 18.4 12.9 19.3

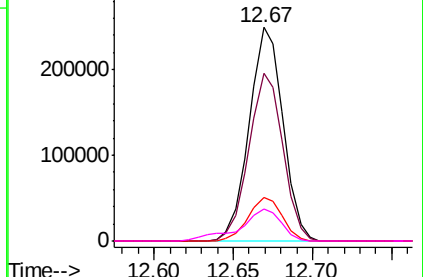
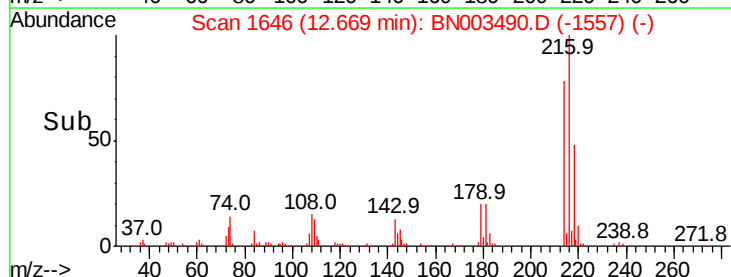


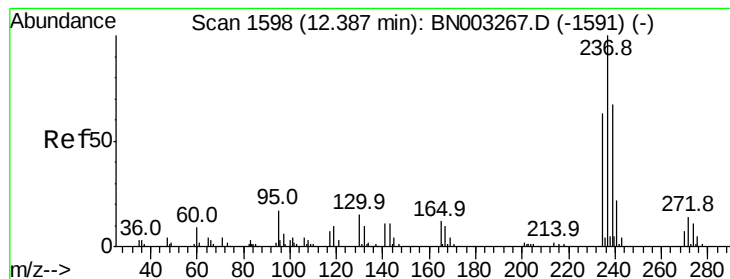
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 136.891 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

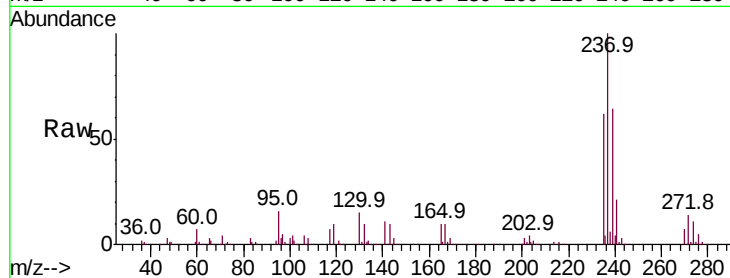
Tot Ion:237 Resp: 500033

Ion Ratio Lower Upper

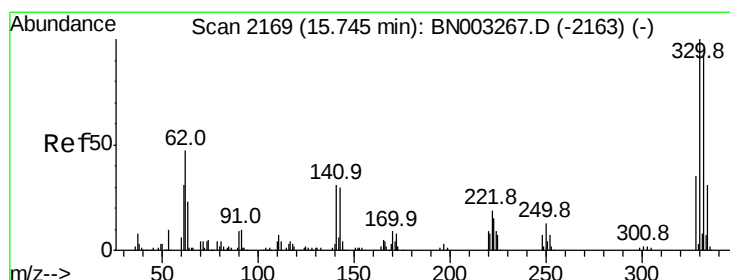
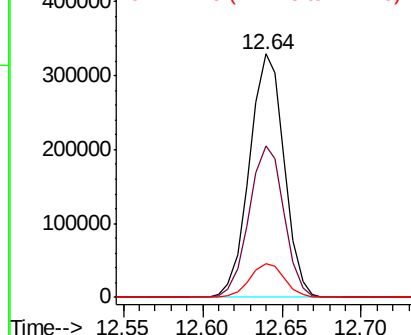
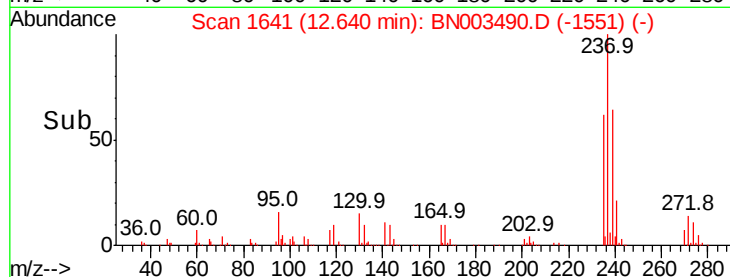
237 100

235 62.4 42.8 82.8

272 13.8 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.241 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

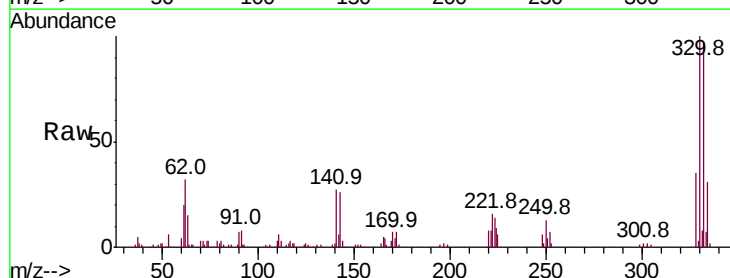
Tgt Ion:330 Resp: 336440

Ion Ratio Lower Upper

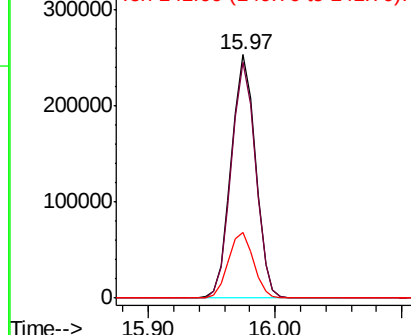
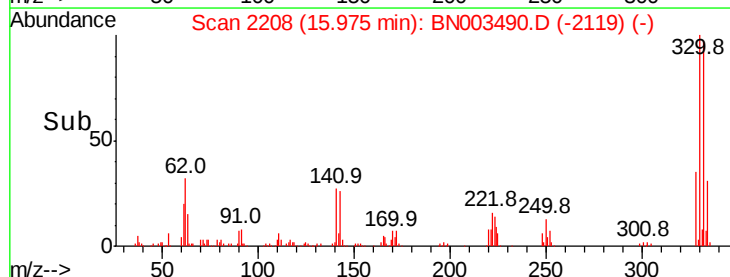
330 100

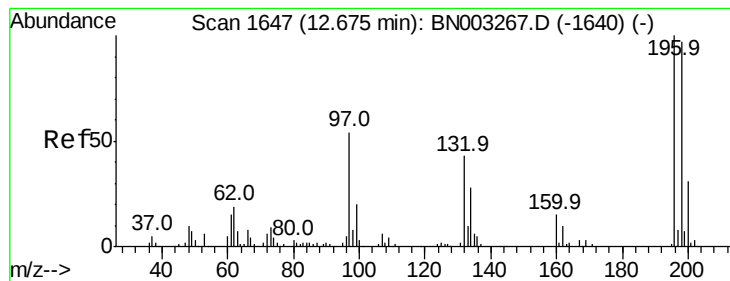
332 96.9 76.6 114.8

141 27.7 24.5 36.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 49.988 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

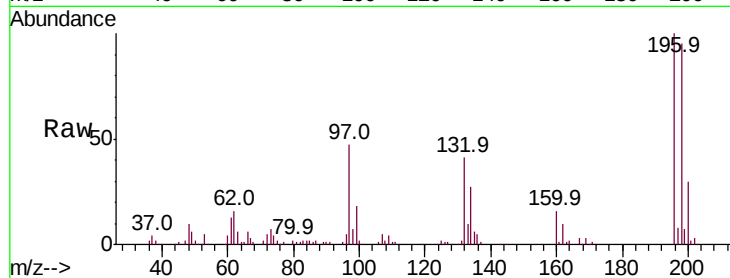
Tot Ion:196 Resp: 252858

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 30.4 25.0 37.6

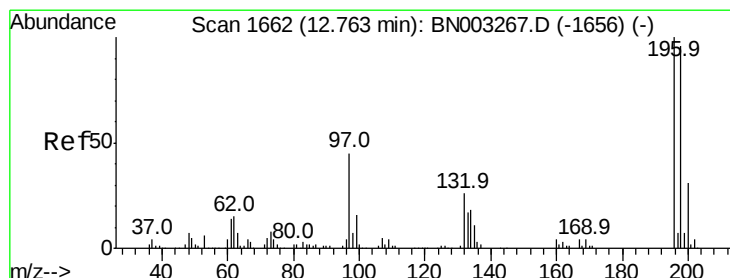
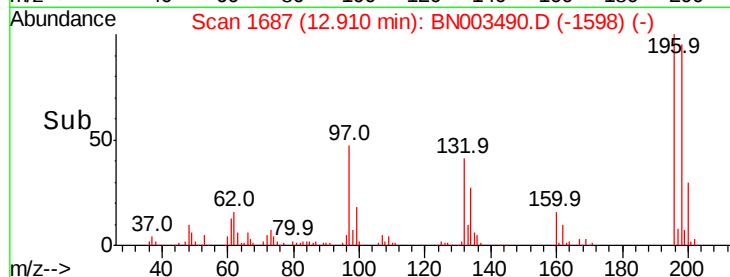
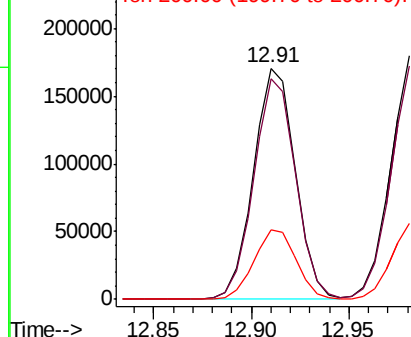


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 51.597 ng

RT: 12.98 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Tgt Ion:196 Resp: 272239

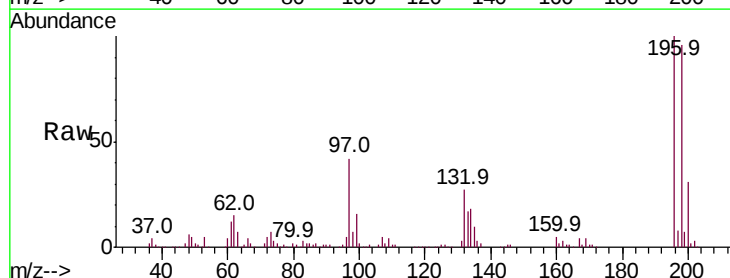
Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

97 41.8 35.8 53.8

132 27.0 21.3 31.9



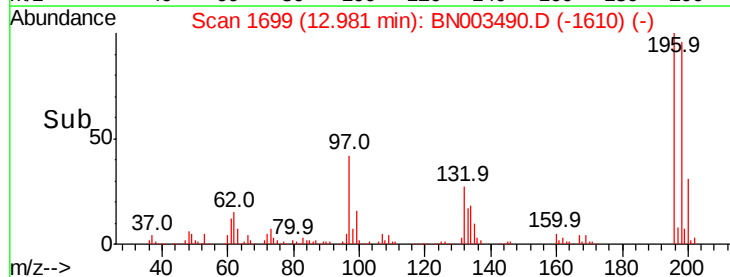
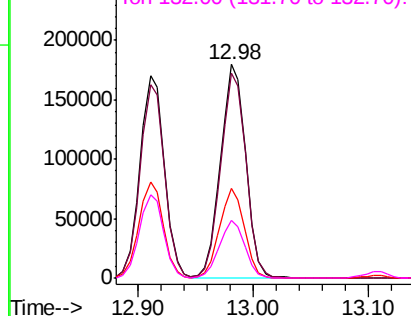
Abundance

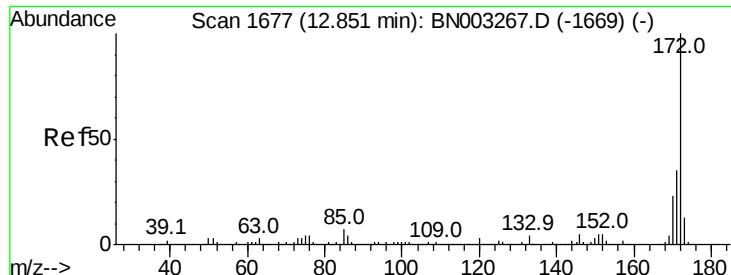
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E



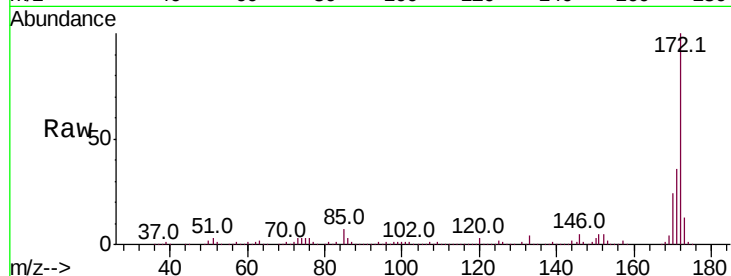


#45
 2-Fluorobiphenyl
 Concen: 97.761 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

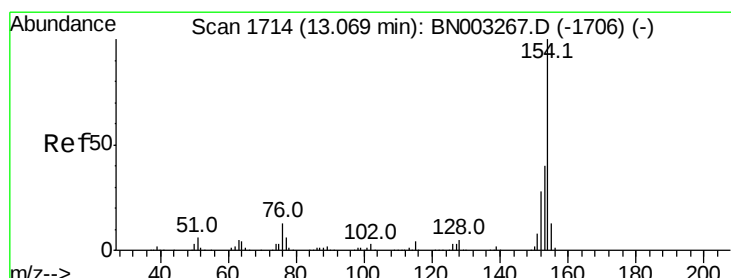
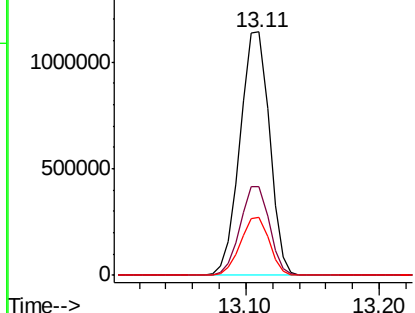
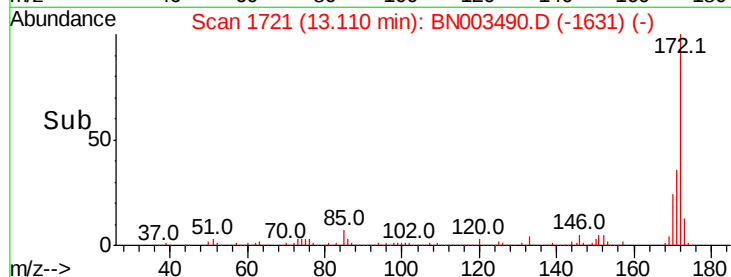
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

Tot Ion:172 Resp: 1744245

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.6	18.4	27.6



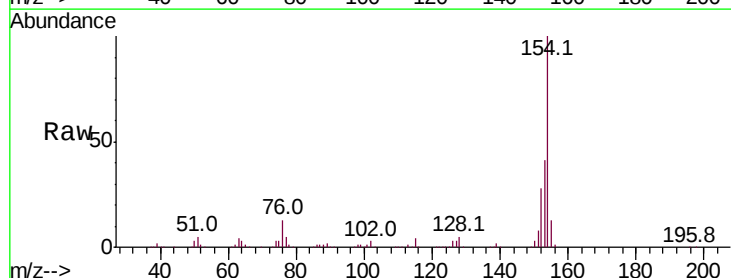
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



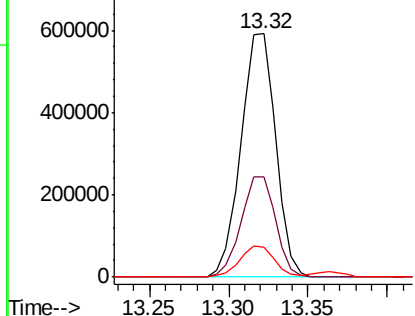
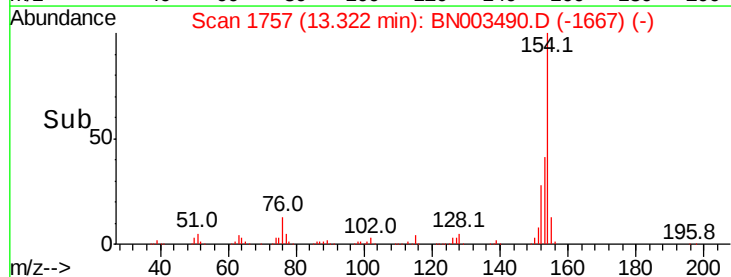
#46
 1,1'-Biphenyl
 Concen: 42.376 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

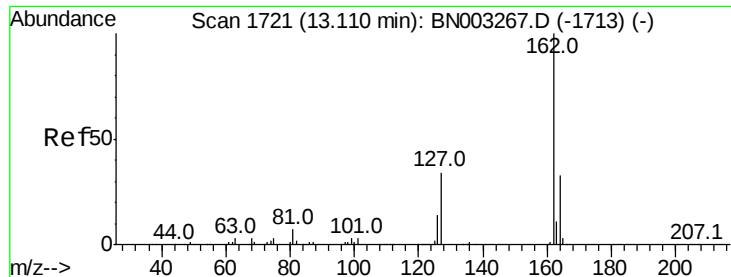
Tgt Ion:154 Resp: 900106

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	12.5	0.0	33.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

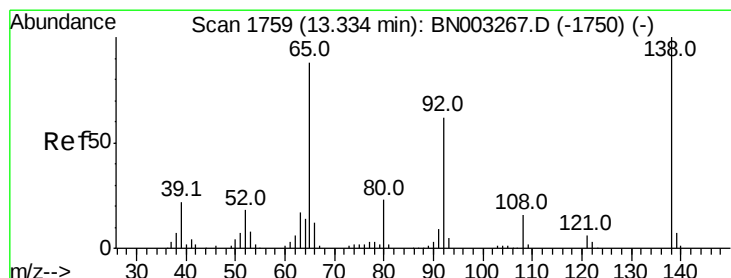
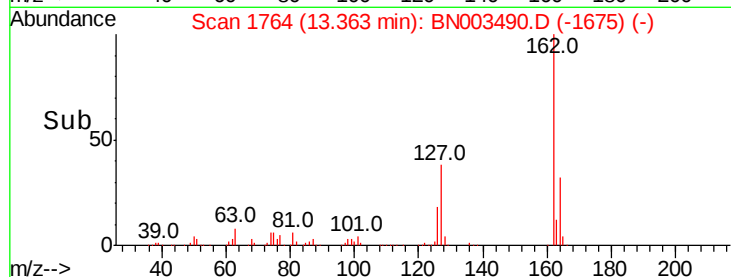
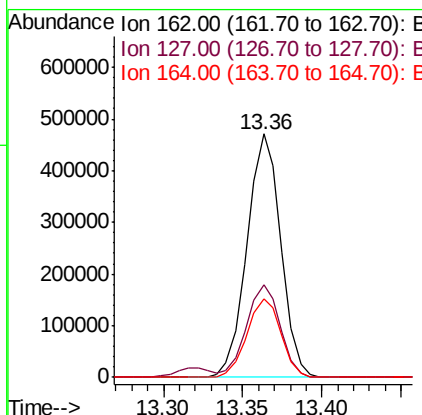
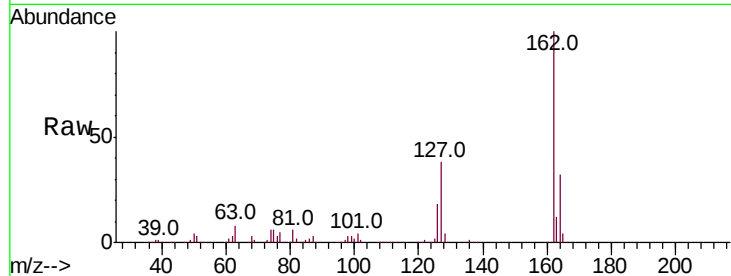




#47
2-Chloronaphthalene
Concen: 44.378 ng
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

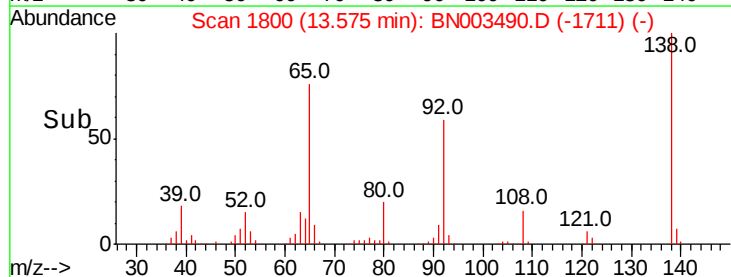
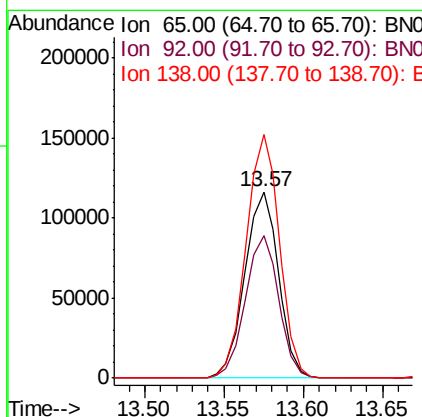
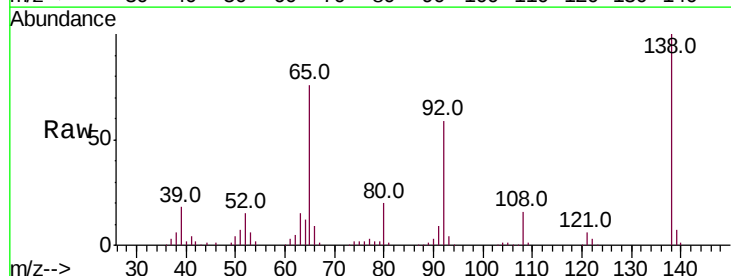
Instrument :
BNA_N
ClientSampleId :
PB114671BS

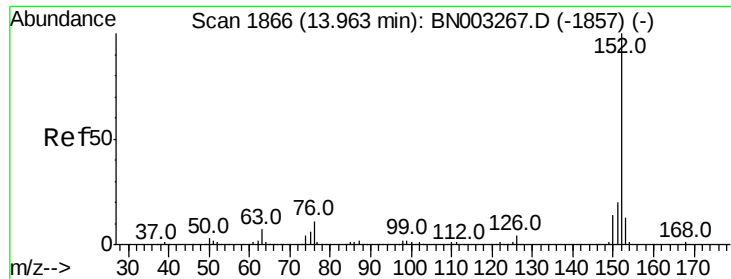
Tot Ion:162 Resp: 695301
Ion Ratio Lower Upper
162 100
127 38.2 29.8 44.6
164 32.5 26.3 39.5



#48
2-Nitroaniline
Concen: 37.466 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion: 65 Resp: 172476
Ion Ratio Lower Upper
65 100
92 76.8 56.1 84.1
138 130.9 90.6 136.0





#49

Acenaphthylene

Concen: 47.117 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

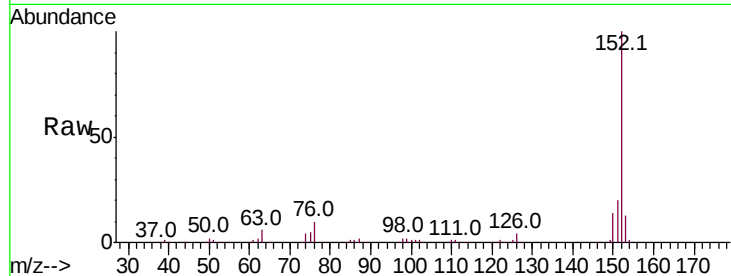
Tot Ion:152 Resp: 1129935

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.1	10.3	15.5

152 100

151 20.2 15.8 23.6

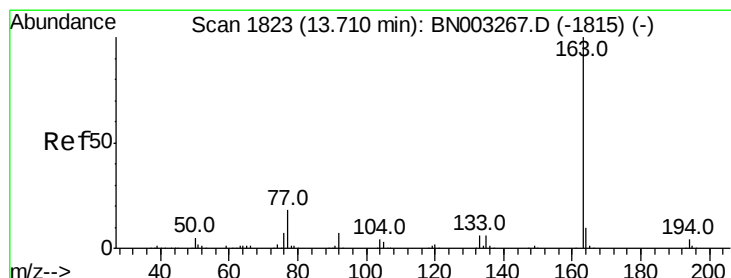
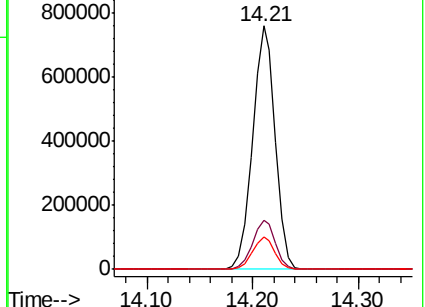
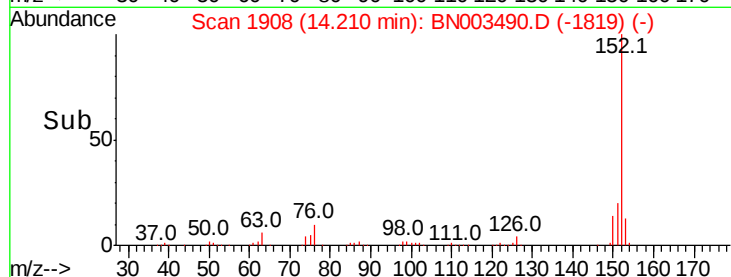
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.771 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

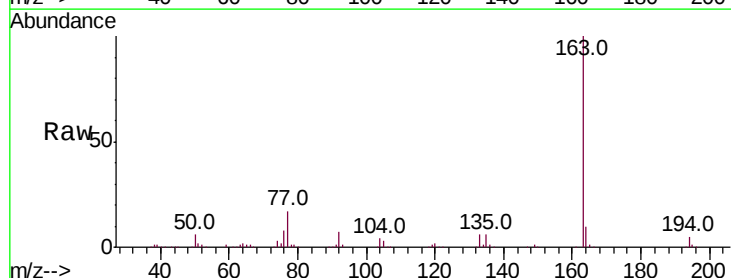
Tgt Ion:163 Resp: 876088

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	7.9	11.9

163 100

194 4.5 3.4 5.2

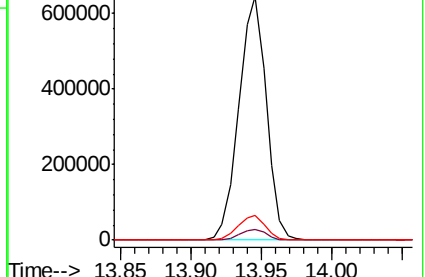
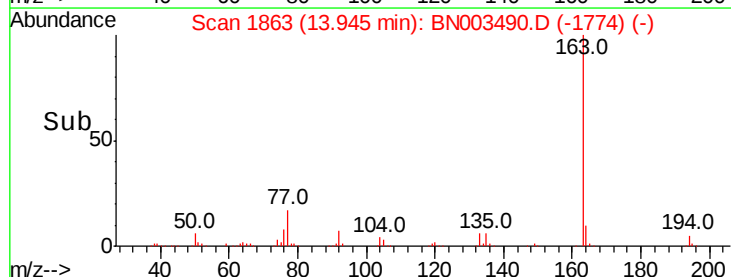
164 10.0 7.9 11.9

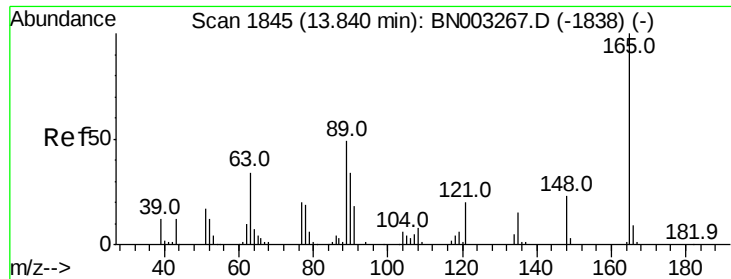


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.407 ng

RT: 14.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

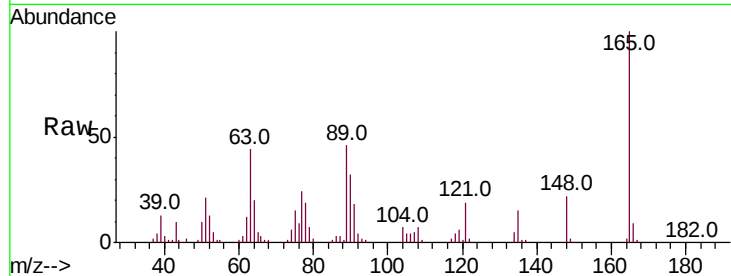
Tot Ion:165 Resp: 192784

Ion Ratio Lower Upper

165 100

63 43.7 39.2 58.8

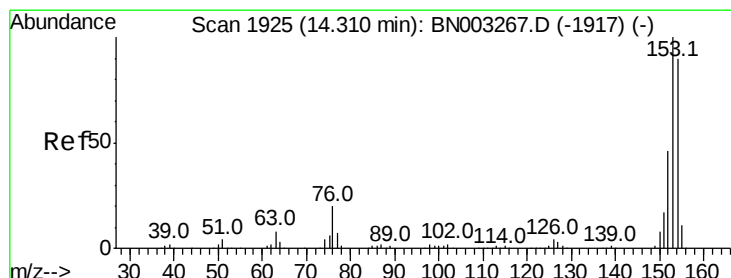
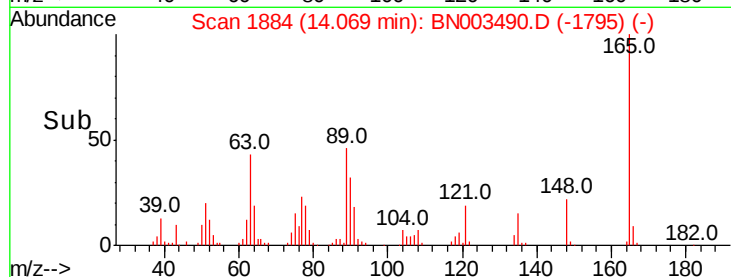
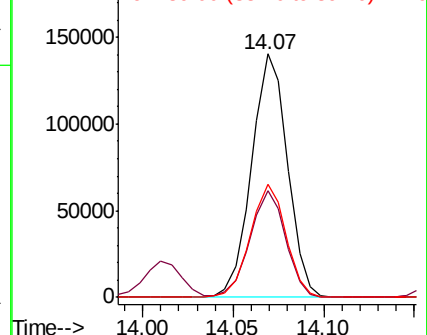
89 46.4 38.9 58.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#52

Acenaphthene

Concen: 44.487 ng

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

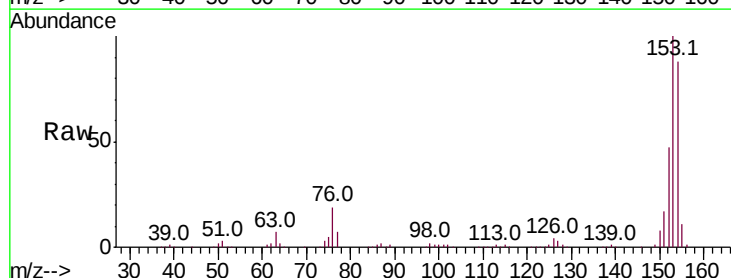
Tgt Ion:154 Resp: 646411

Ion Ratio Lower Upper

154 100

153 113.2 89.3 133.9

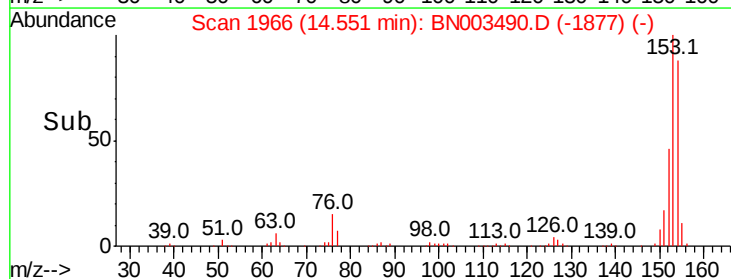
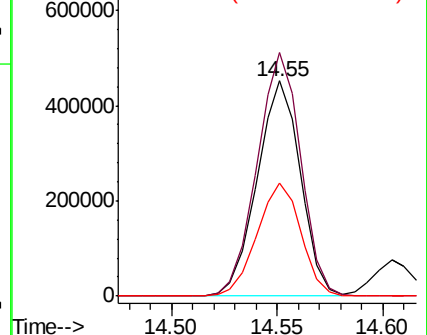
152 52.7 41.2 61.8

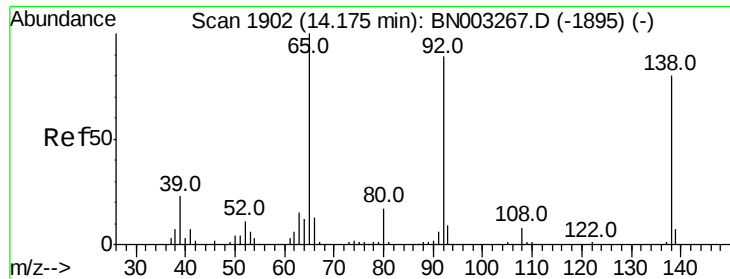


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.845 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

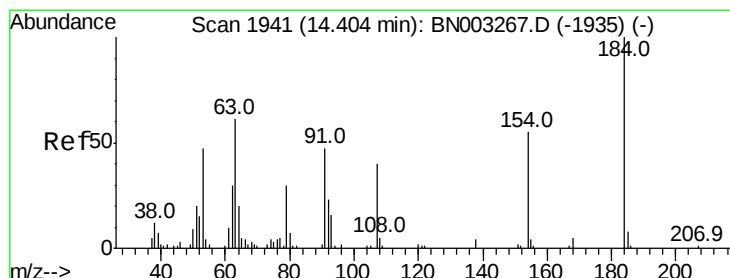
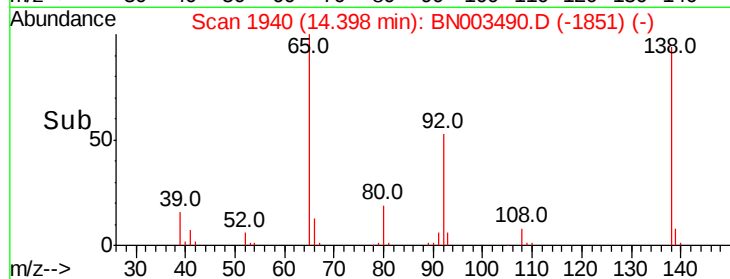
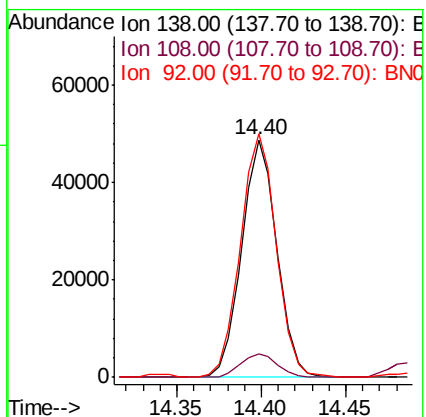
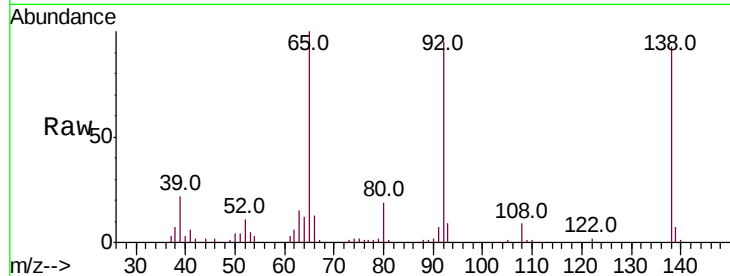
Tot Ion:138 Resp: 70481

Ion Ratio Lower Upper

138 100

108 9.9 8.4 12.6

92 102.5 89.6 134.4



#54

2,4-Dinitrophenol

Concen: 73.650 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

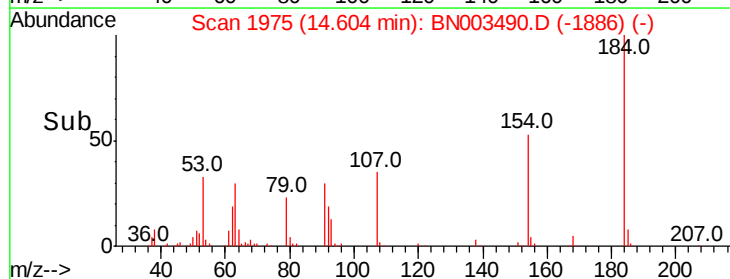
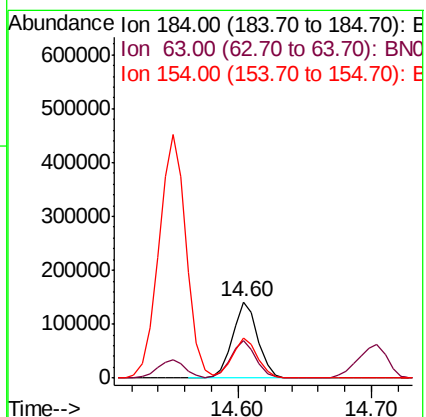
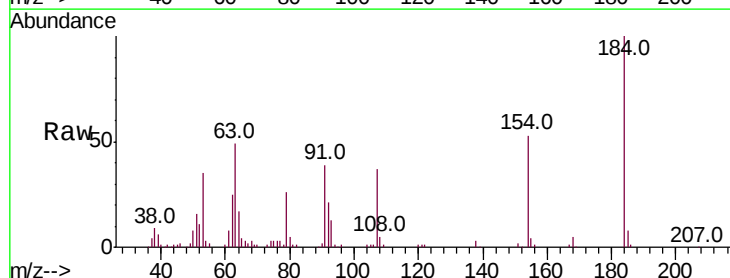
Tgt Ion:184 Resp: 186771

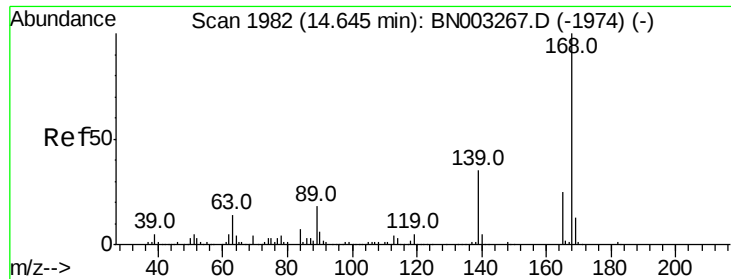
Ion Ratio Lower Upper

184 100

63 49.1 49.0 73.4

154 53.2 44.2 66.2





#55

Dibenzofuran

Concen: 43.851 ng

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

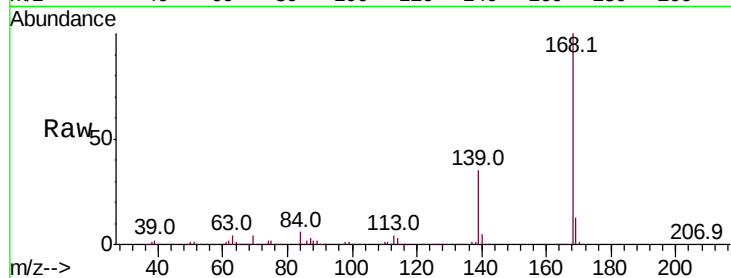
Tot Ion:168 Resp: 1036616

Ion Ratio Lower Upper

168 100

139 35.1 28.5 42.7

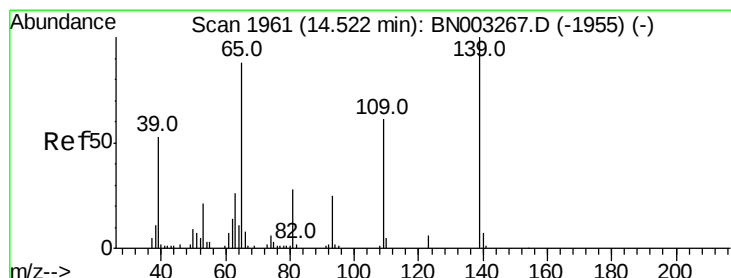
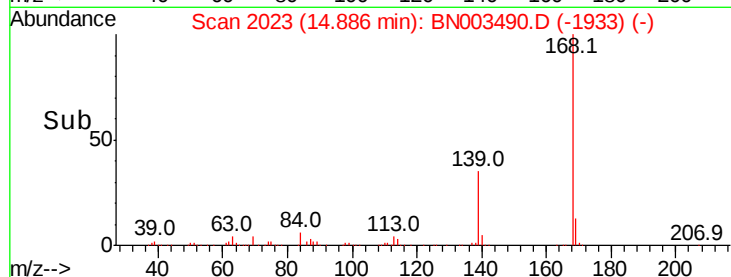
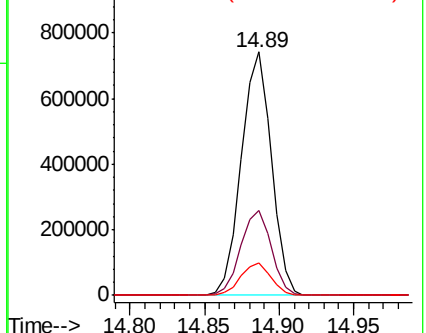
169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 121.133 ng

RT: 14.70 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

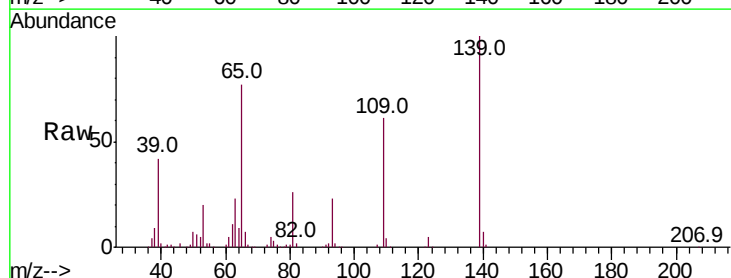
Tgt Ion:139 Resp: 424761

Ion Ratio Lower Upper

139 100

109 60.5 40.7 80.7

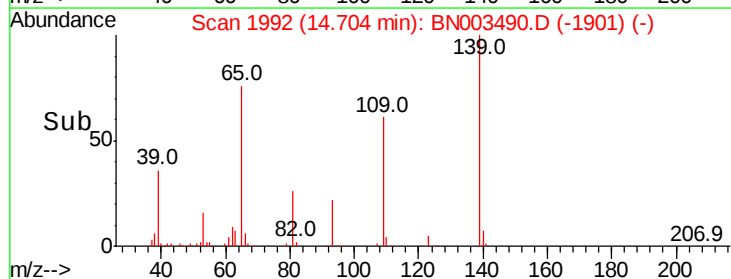
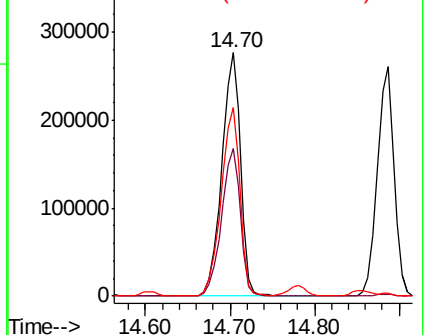
65 77.4 68.0 108.0

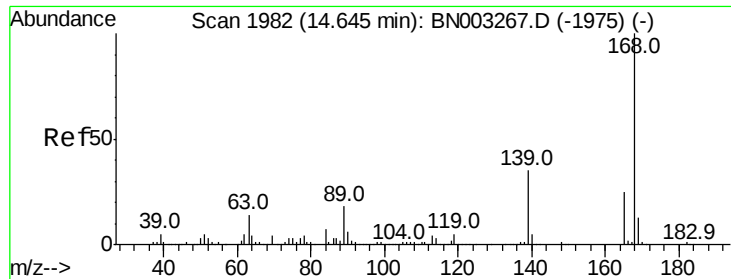


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

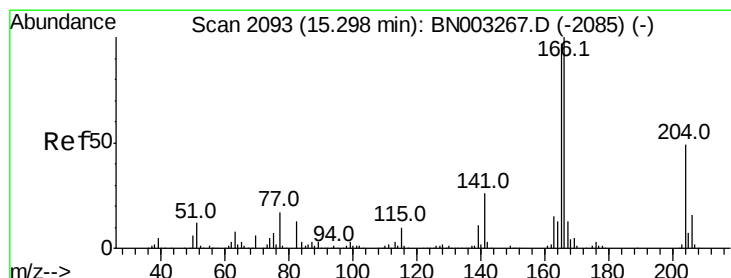
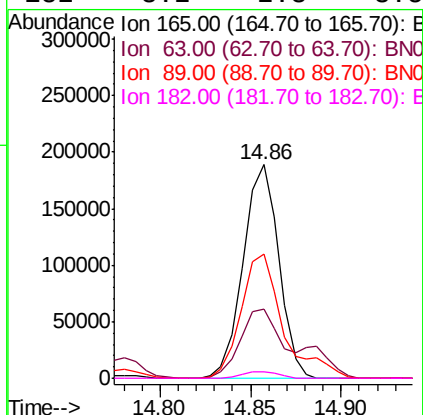
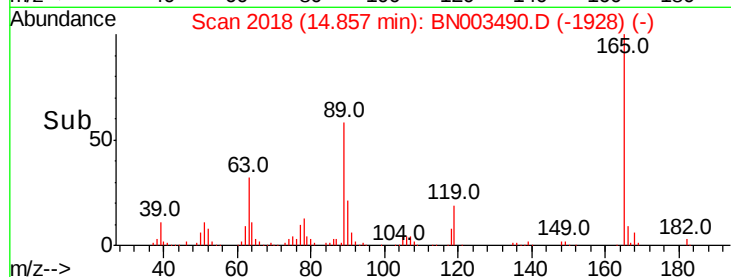
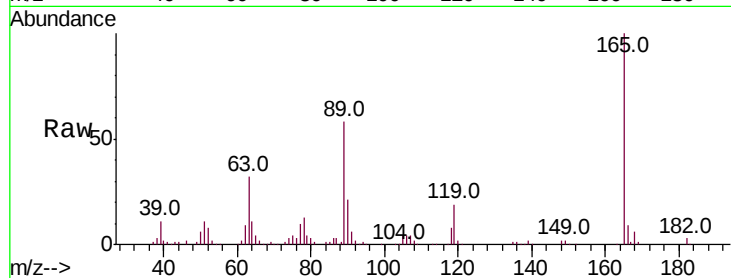




#57
2,4-Dinitrotoluene
Concen: 42.886 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

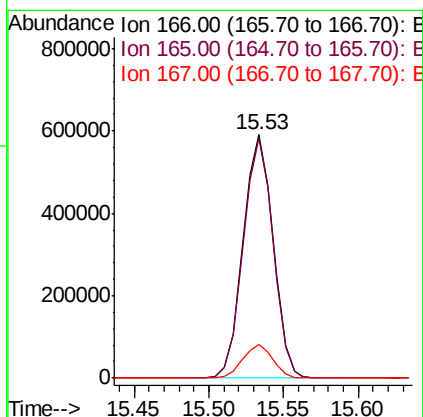
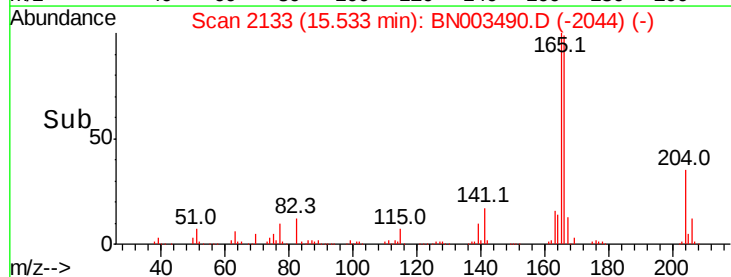
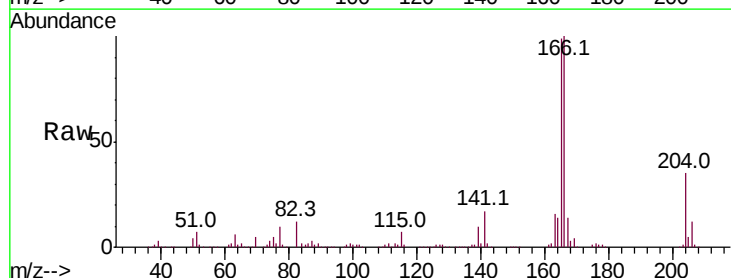
Instrument :
BNA_N
ClientSampleId :
PB114671BS

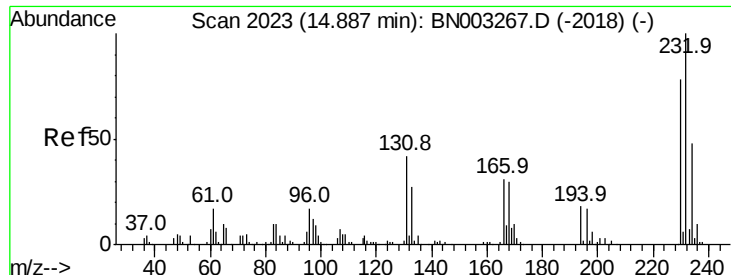
Tot Ion:165 Resp: 258260
Ion Ratio Lower Upper
165 100
63 32.3 45.8 68.6#
89 57.9 58.7 88.1#
182 3.2 2.3 3.5



#58
Fluorene
Concen: 44.961 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:166 Resp: 820175
Ion Ratio Lower Upper
166 100
165 98.6 77.6 116.4
167 13.6 10.6 16.0

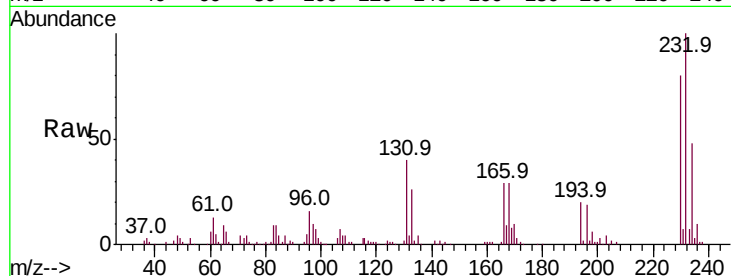




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.503 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.7	50.5
130	2.0	1.6	2.4
166	28.5	24.3	36.5



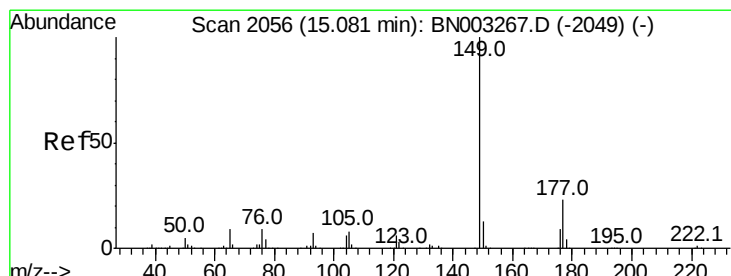
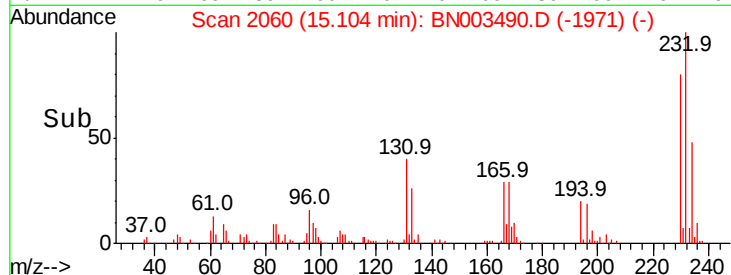
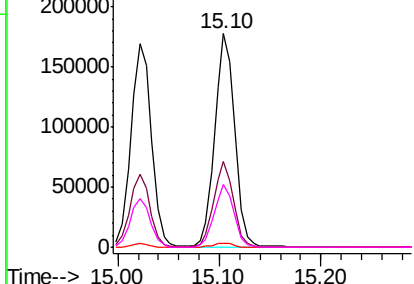
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

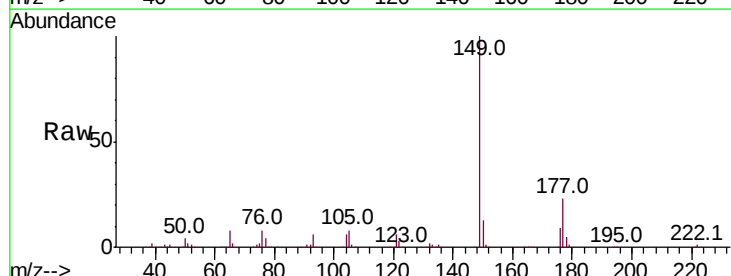
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.788 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.6	28.0
150	12.6	10.0	15.0

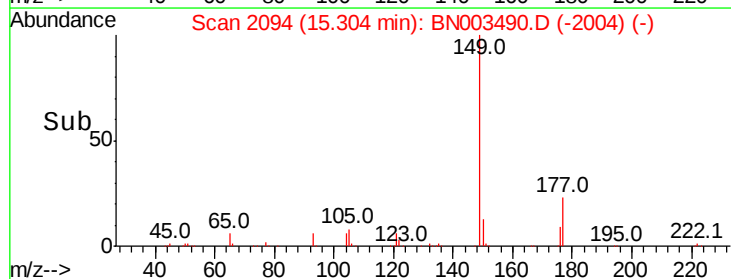
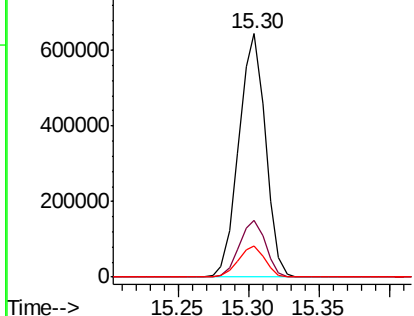


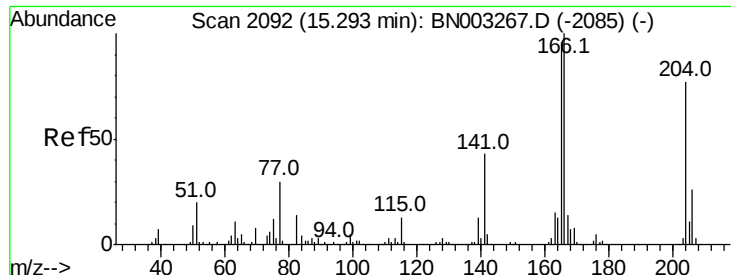
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

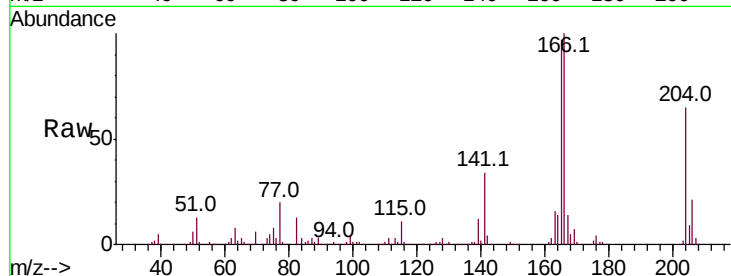




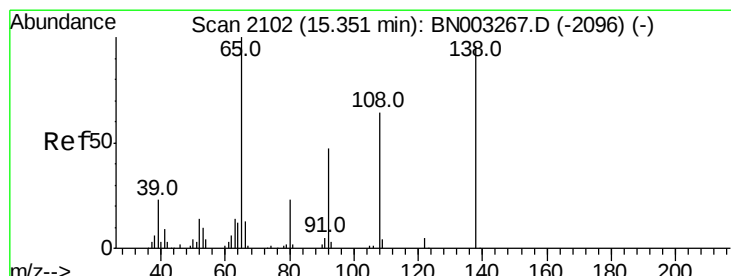
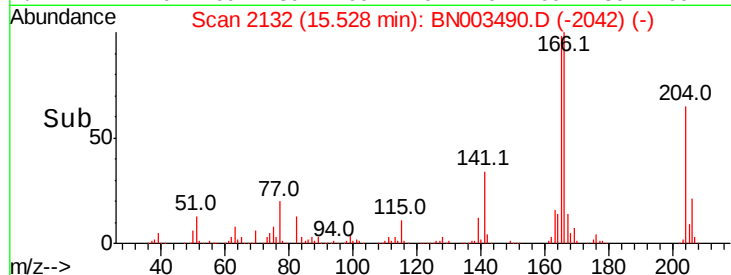
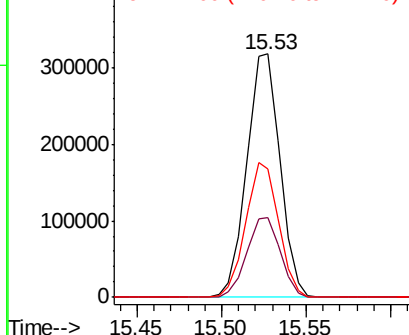
#61
 4-Chlorophenyl-phenylether
 Concen: 43.116 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

Tot Ion:204 Resp: 436969
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 52.7 44.6 67.0

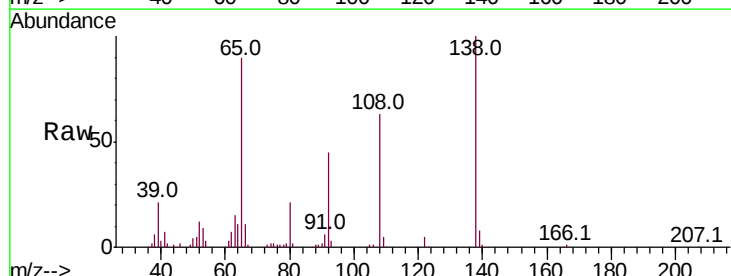


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

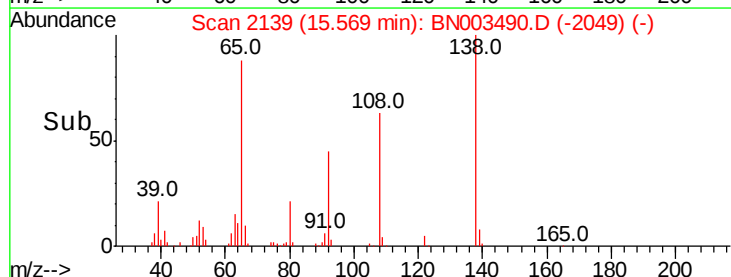
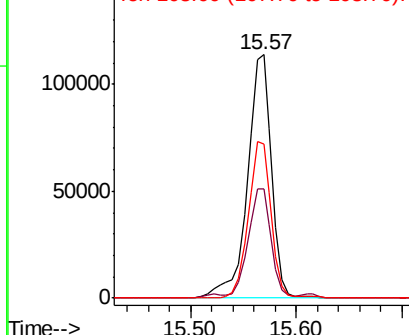


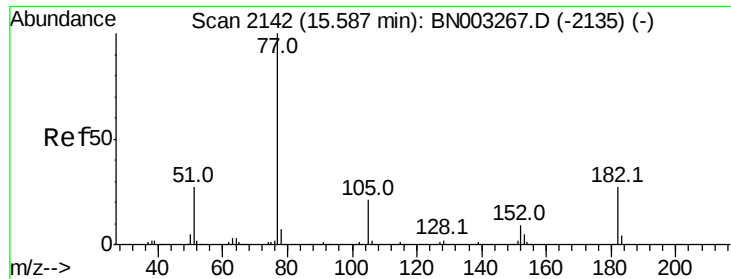
#62
 4-Nitroaniline
 Concen: 39.001 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion:138 Resp: 180900
 Ion Ratio Lower Upper
 138 100
 92 45.1 27.9 67.9
 108 63.4 46.3 86.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 108.00 (107.70 to 108.70): E

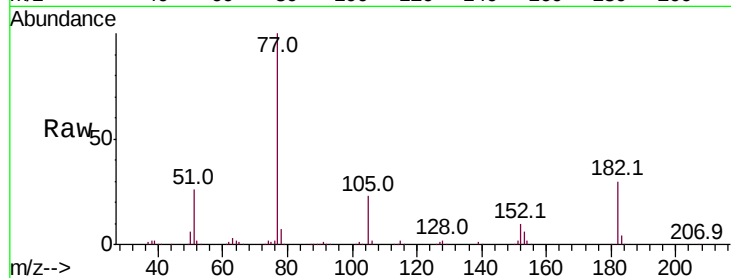




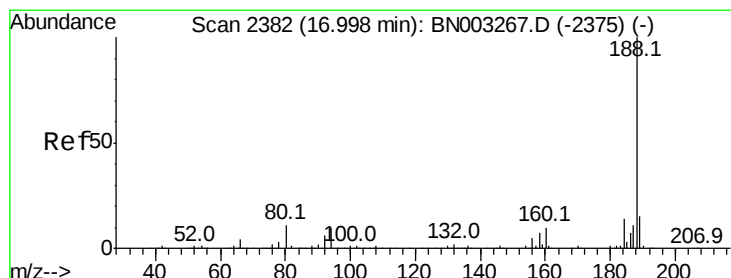
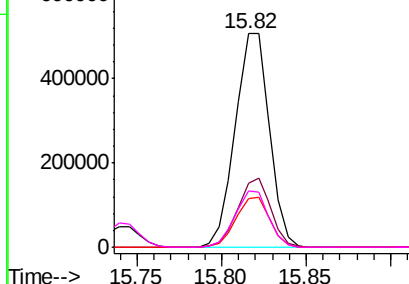
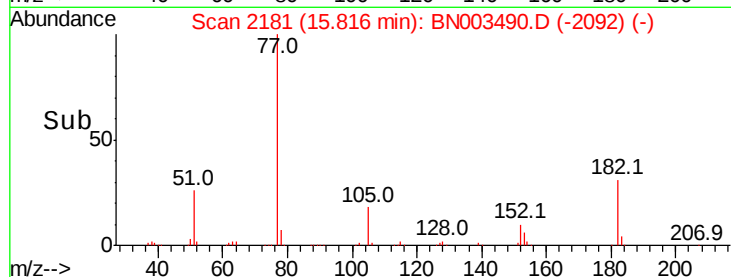
#63
Azobenzene
Concen: 39.119 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:	77	Resp:	717896
Ion	Ratio	Lower	Upper
77	100		
182	30.1	6.5	46.5
105	22.7	1.0	41.0
51	26.2	7.0	47.0

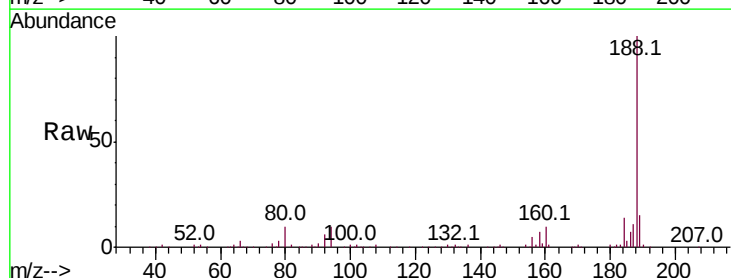


Abundance Ion 77.00 (76.70 to 77.70): BN003490.D (-2092) (-)
Ion 182.00 (181.70 to 182.70): BN003490.D (-2092) (-)
Ion 105.00 (104.70 to 105.70): BN003490.D (-2092) (-)
Ion 51.00 (50.70 to 51.70): BN003490.D (-2092) (-)

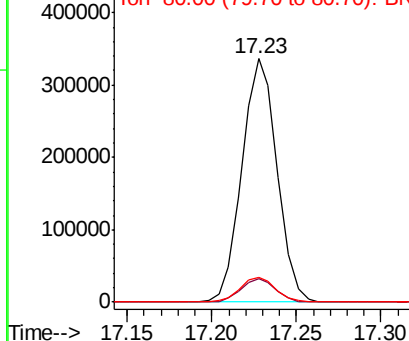
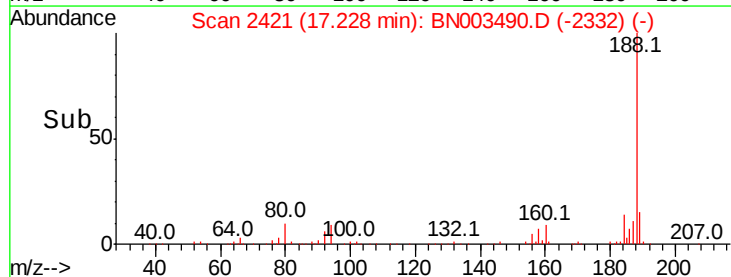


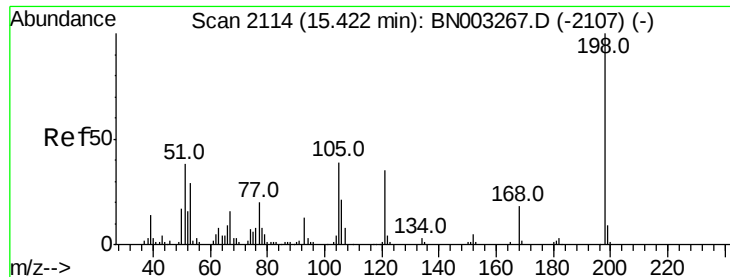
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:	188	Resp:	484921
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.4	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): BN003490.D (-2332) (-)
Ion 94.00 (93.70 to 94.70): BN003490.D (-2332) (-)
Ion 80.00 (79.70 to 80.70): BN003490.D (-2332) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.495 ng

RT: 15.62 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

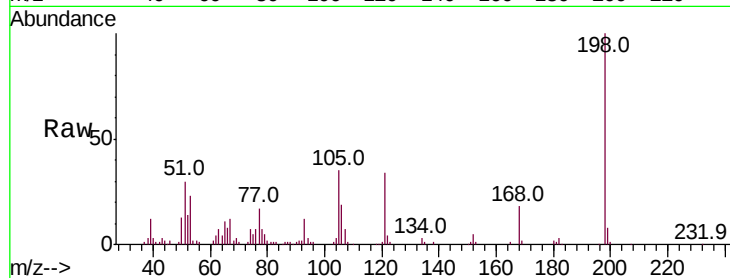
Tot Ion:198 Resp: 133635

Ion Ratio Lower Upper

198 100

51 30.4 19.2 59.2

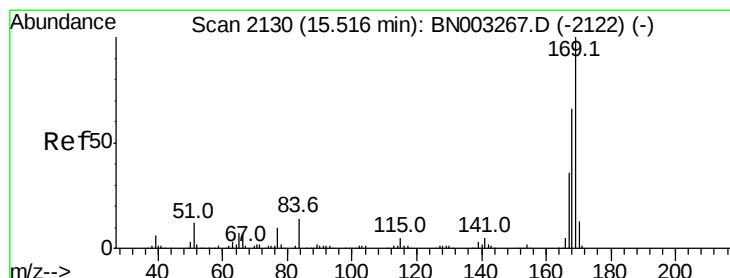
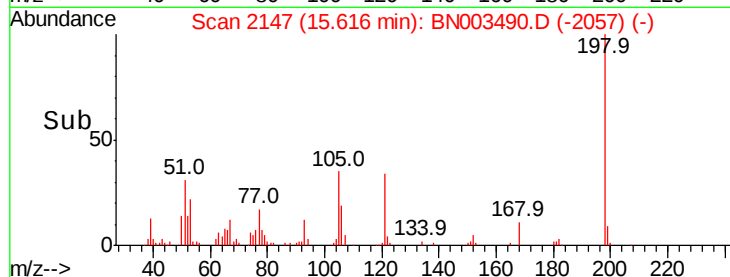
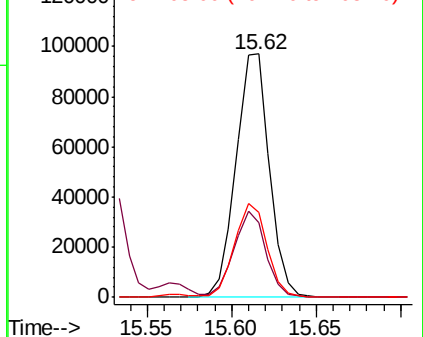
105 35.0 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.562 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

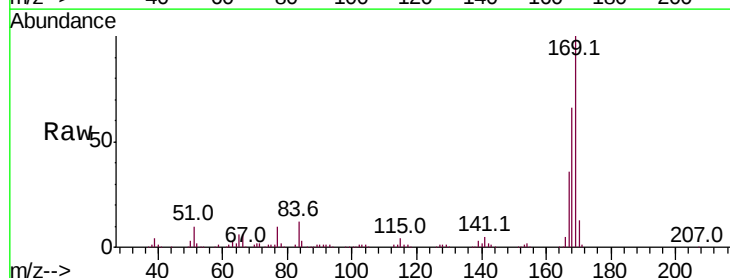
Tgt Ion:169 Resp: 722021

Ion Ratio Lower Upper

169 100

168 66.3 53.3 79.9

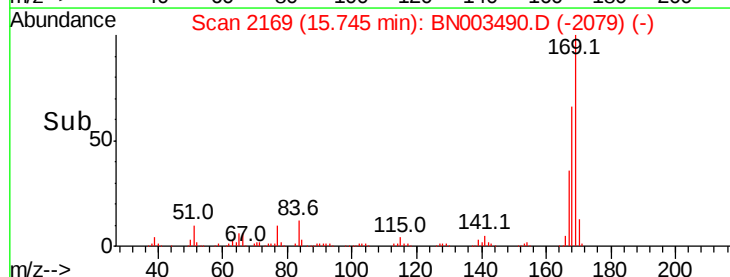
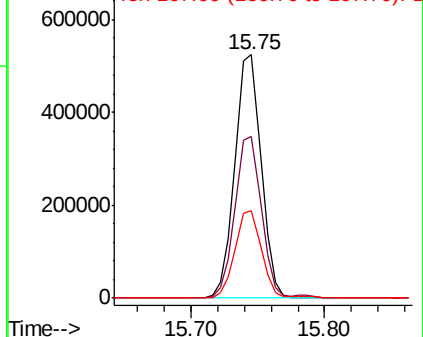
167 35.9 28.6 43.0

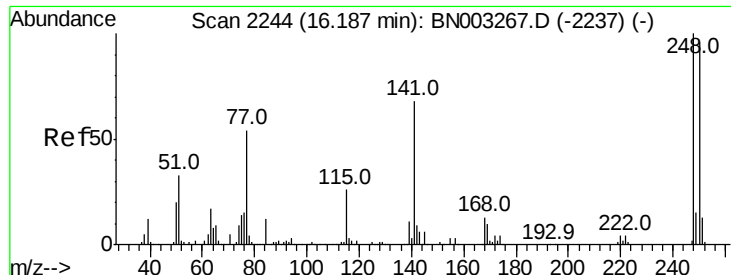


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

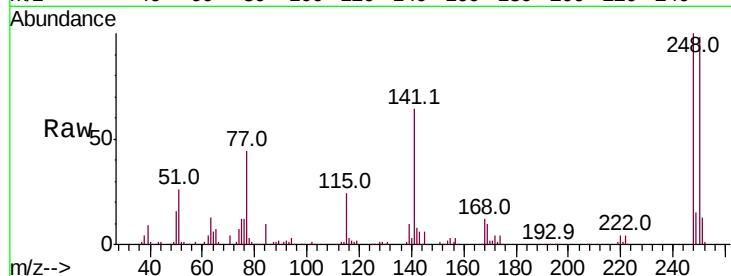




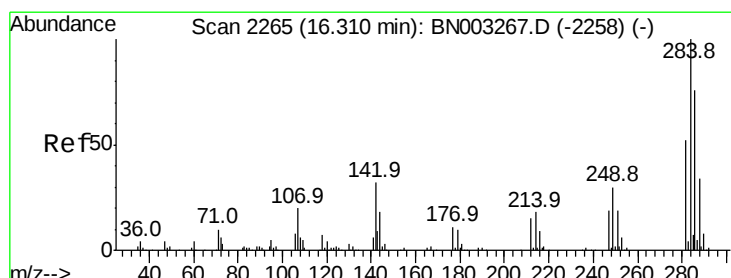
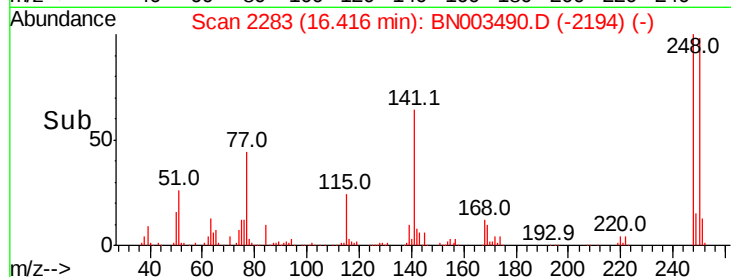
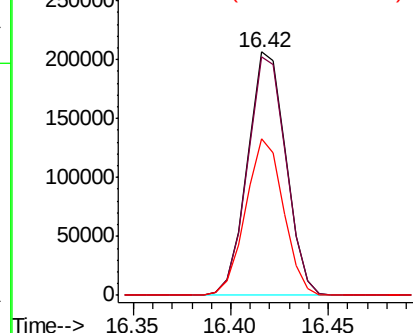
#67
4-Bromophenyl-phenylether
Concen: 51.544 ng
RT: 16.42 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Instrument :
BNA_N
ClientSampleId :
PB114671BS

Tot Ion:248 Resp: 281501
Ion Ratio Lower Upper
248 100
250 98.1 76.4 114.6
141 64.3 54.2 81.4

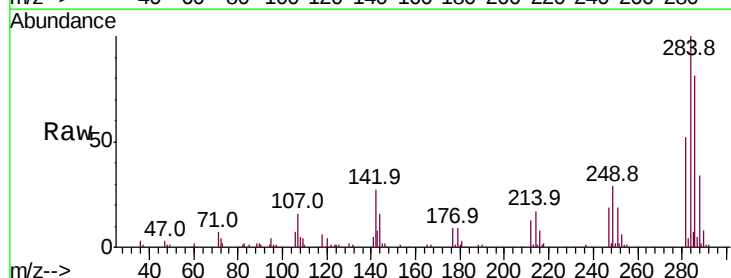


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

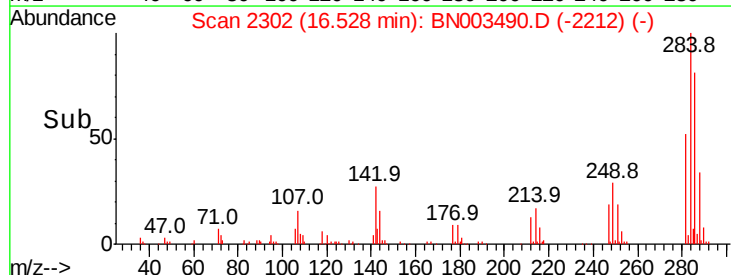
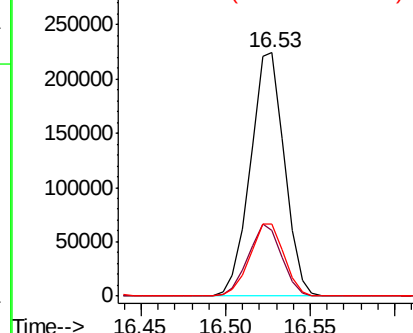


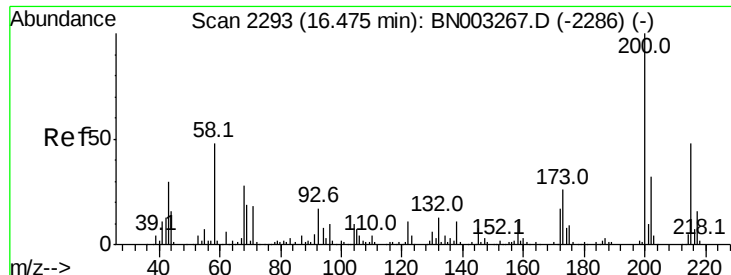
#68
Hexachlorobenzene
Concen: 50.544 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:284 Resp: 314472
Ion Ratio Lower Upper
284 100
142 27.1 25.6 38.4
249 29.5 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.564 ng

RT: 16.69 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

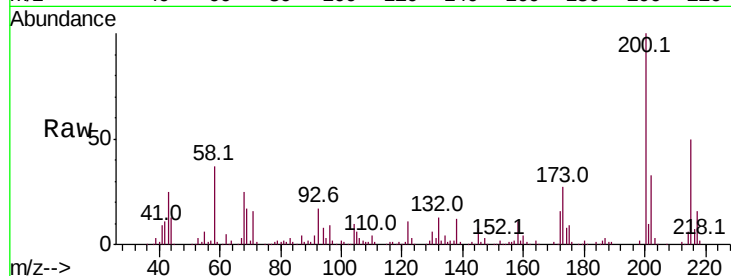
Tot Ion:200 Resp: 255893

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

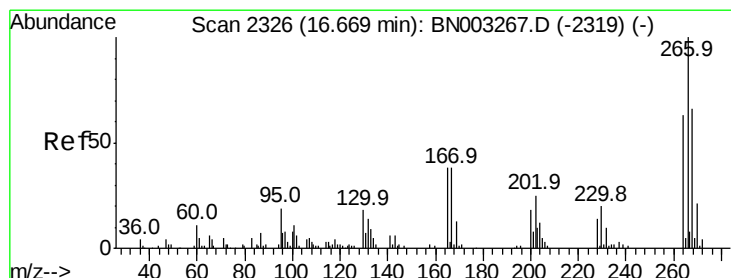
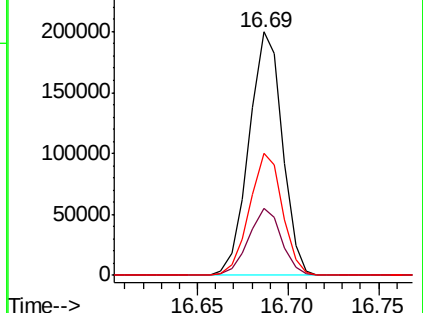
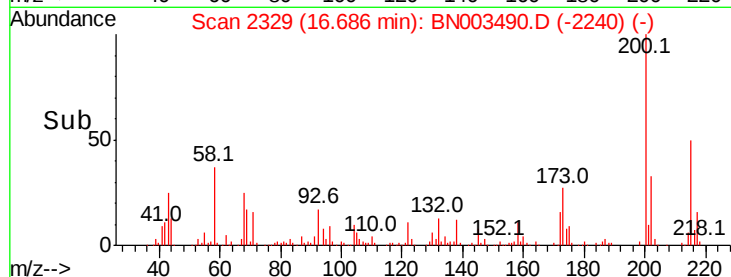
215 49.9 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.288 ng

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

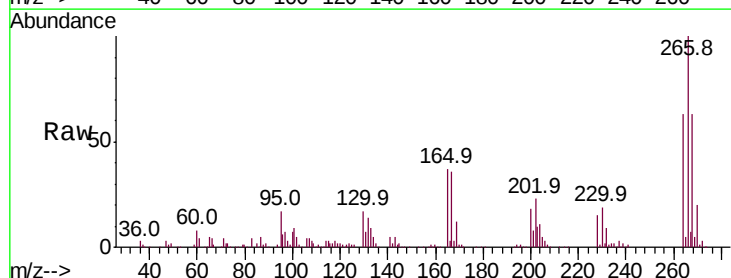
Tgt Ion:266 Resp: 355075

Ion Ratio Lower Upper

266 100

268 63.2 52.5 78.7

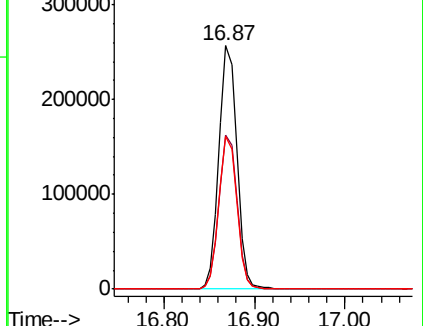
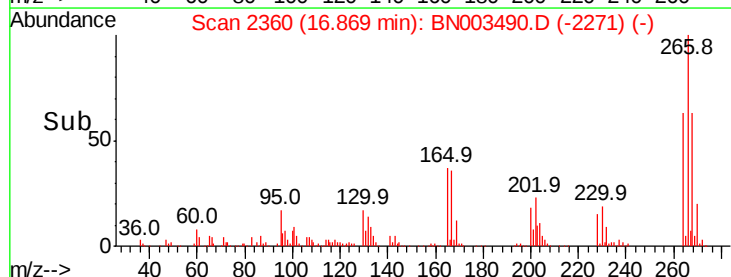
264 62.8 50.3 75.5

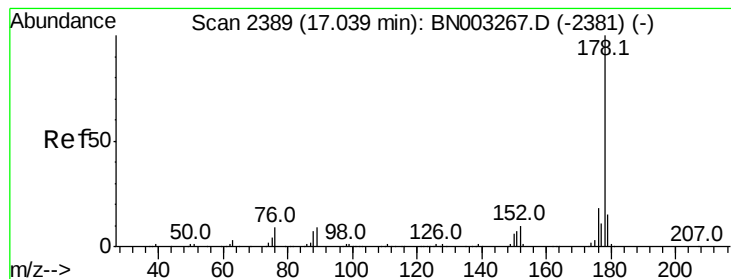


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.107 ng

RT: 17.27 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

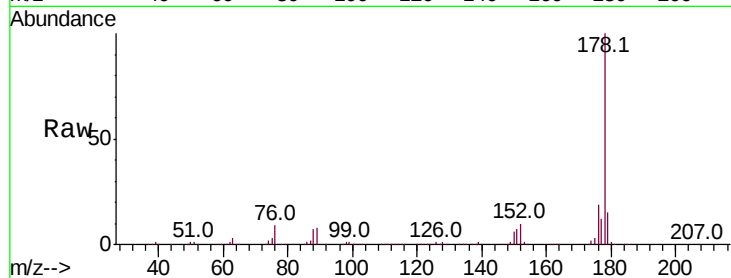
Tot Ion:178 Resp: 1200930

Ion Ratio Lower Upper

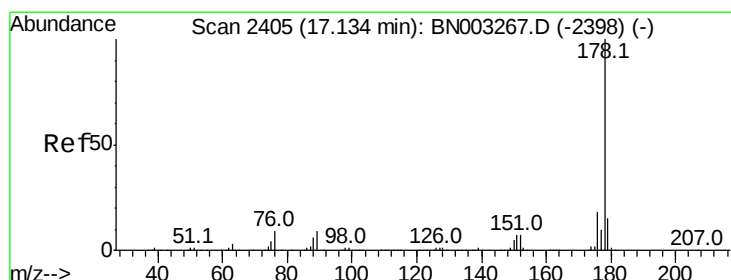
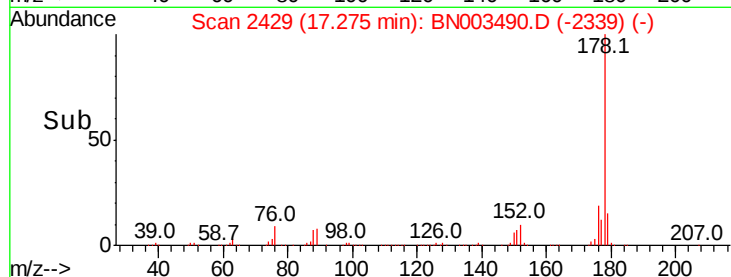
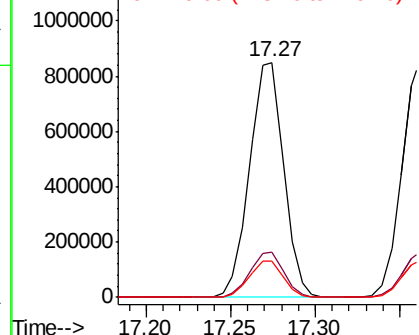
178 100

176 19.5 14.4 21.6

179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.147 ng

RT: 17.36 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

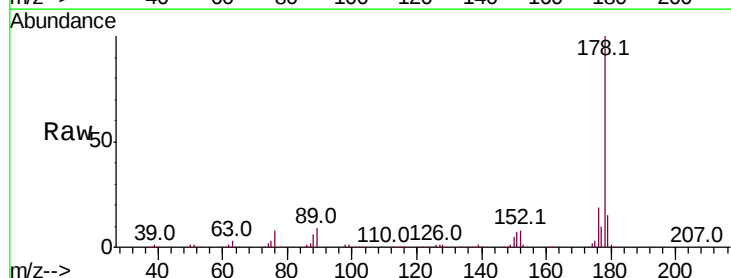
Tgt Ion:178 Resp: 1224808

Ion Ratio Lower Upper

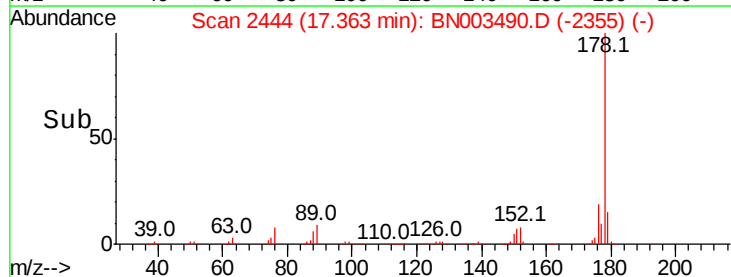
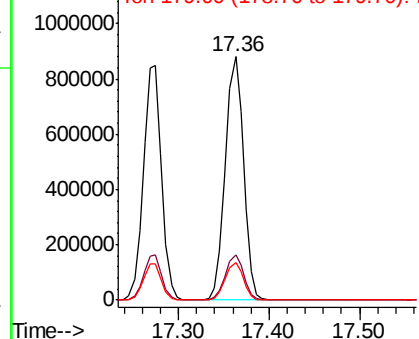
178 100

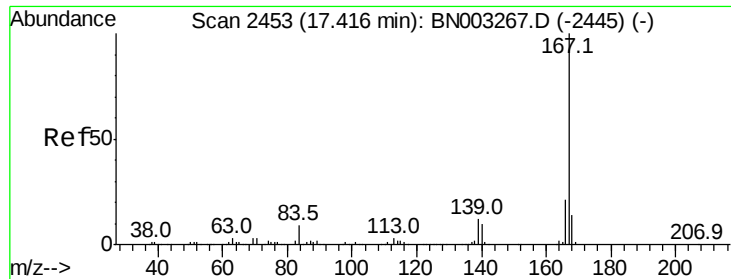
176 18.6 14.3 21.5

179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



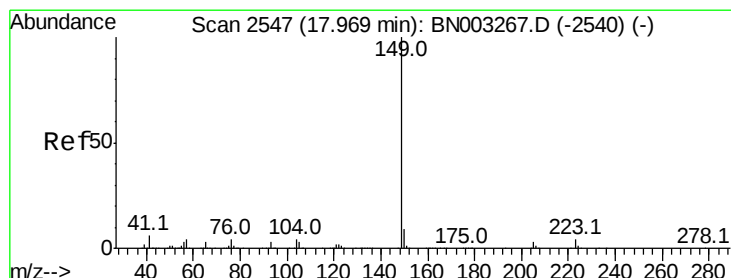
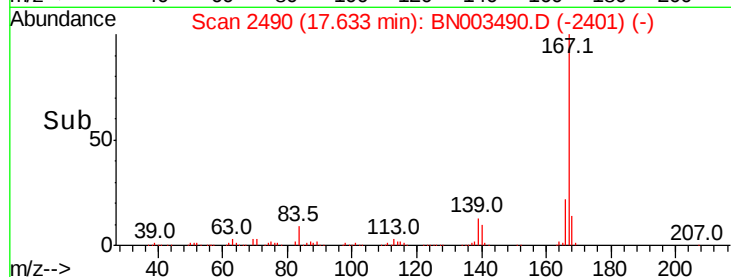
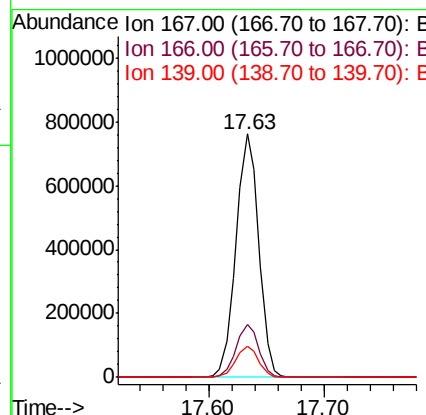
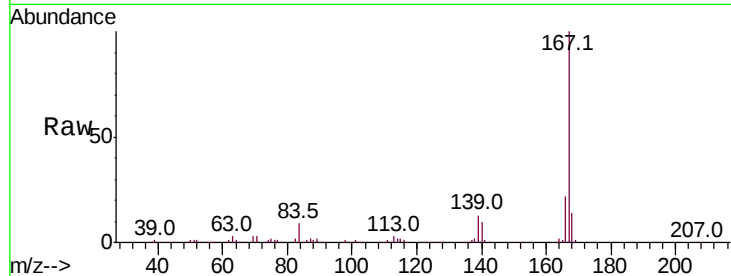


#73
 Carbazole
 Concen: 39.454 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BS

Tot Ion:167 Resp: 1039396

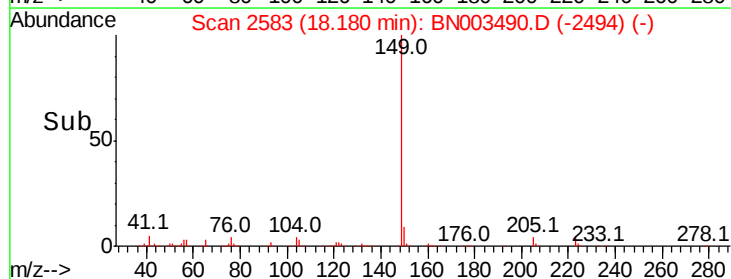
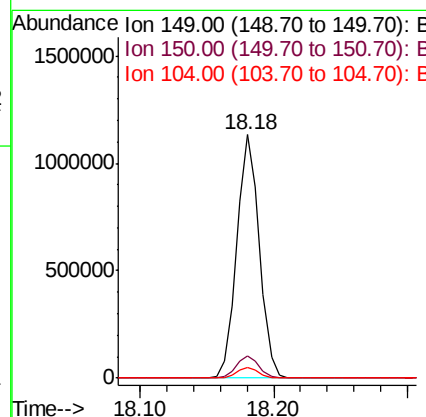
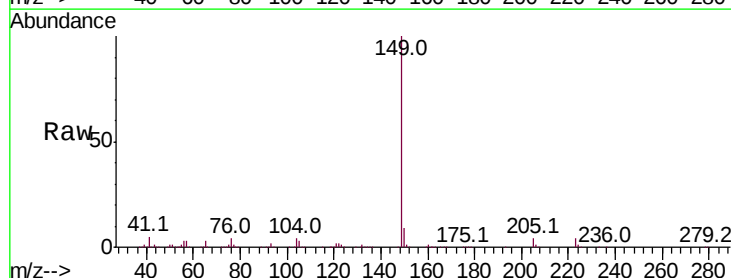
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	12.6	9.9	14.9

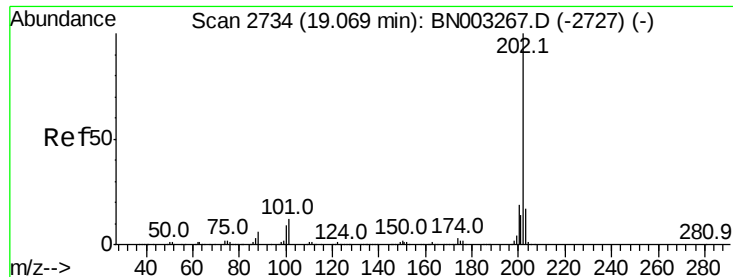


#74
 Di-n-butylphthalate
 Concen: 43.361 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003490.D
 Acq: 10 Nov 2018 01:48

Tgt Ion:149 Resp: 1332498

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 40.819 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

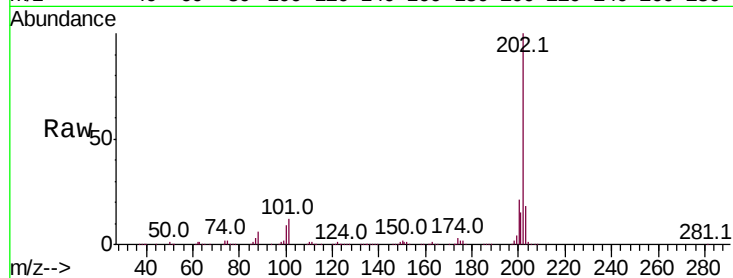
Tot Ion:202 Resp: 1225972

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.3

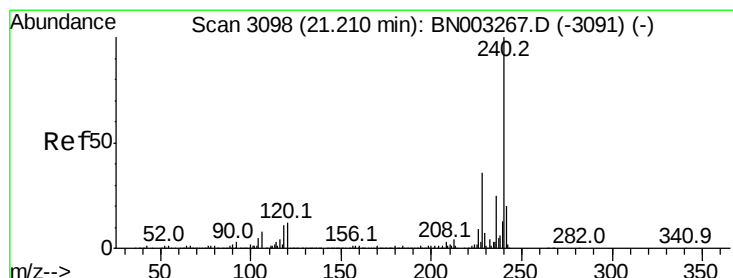
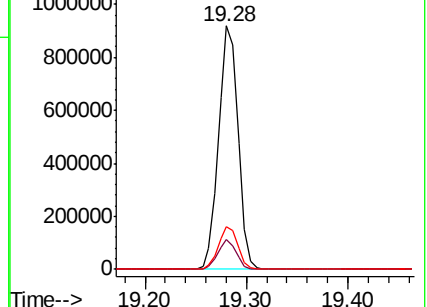
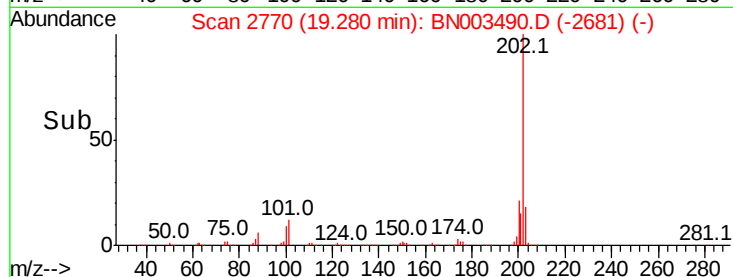
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

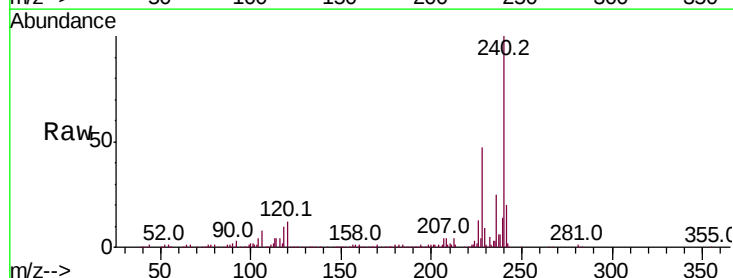
Tgt Ion:240 Resp: 386091

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

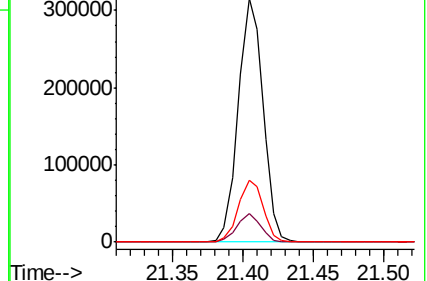
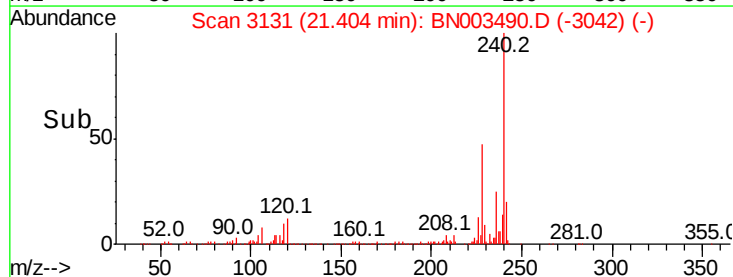
236 25.1 20.3 30.5

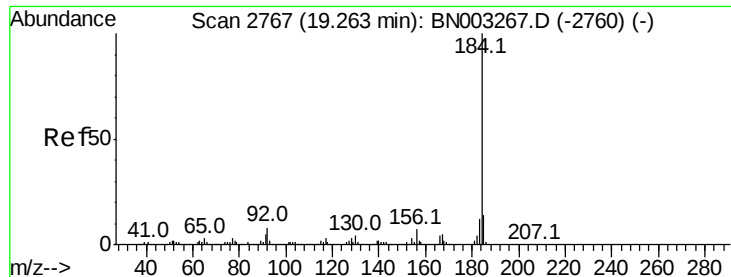


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.399 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

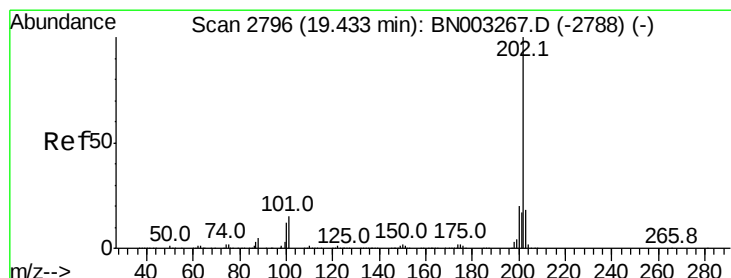
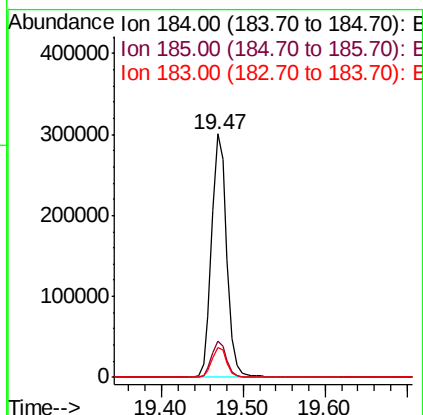
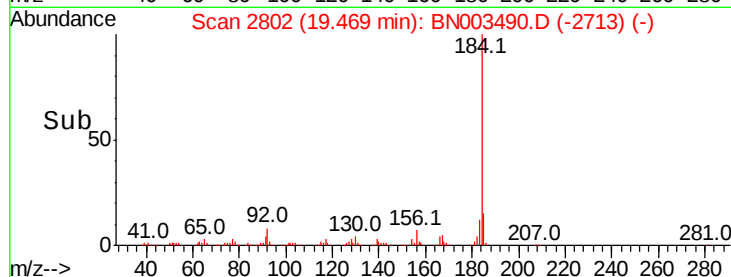
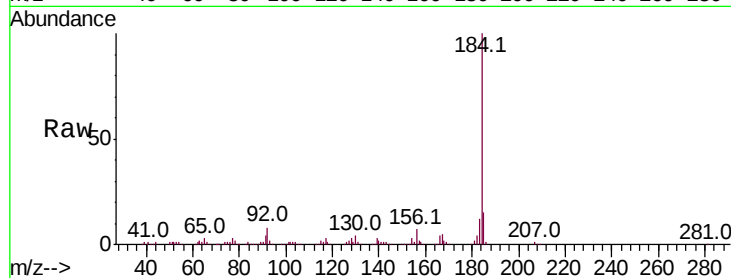
Tot Ion:184 Resp: 388806

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 12.3 9.4 14.0



#78

Pyrene

Concen: 53.379 ng

RT: 19.65 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

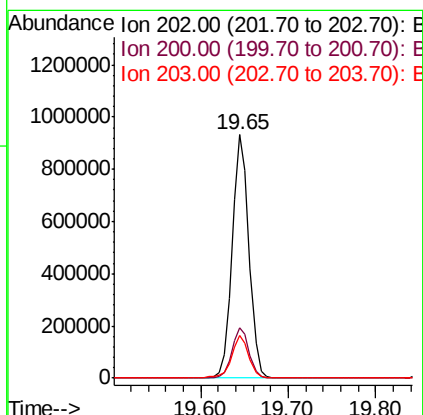
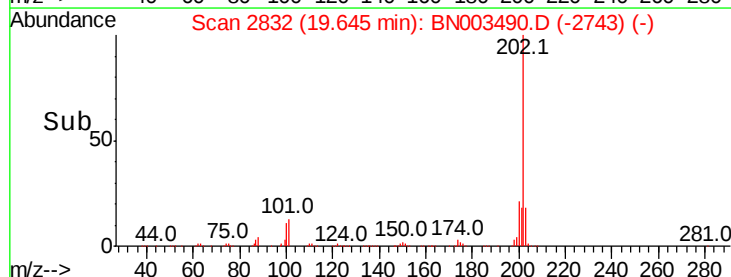
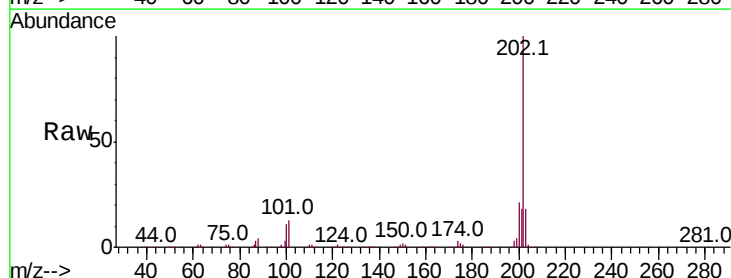
Tgt Ion:202 Resp: 1211258

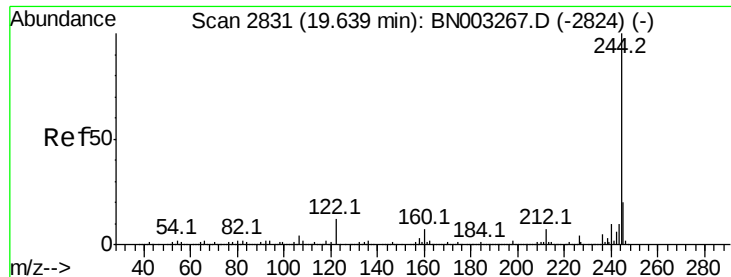
Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.4

203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 97.328 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

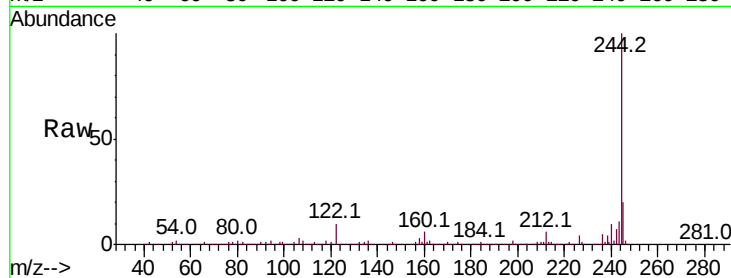
Tot Ion:244 Resp: 1757149

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

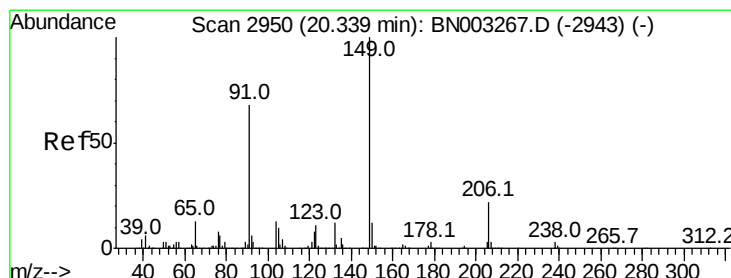
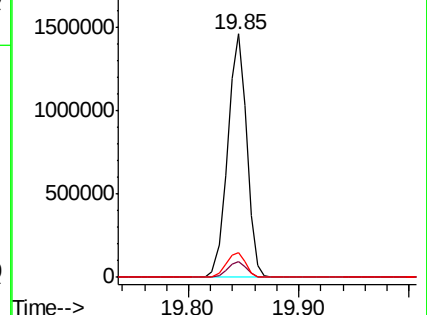
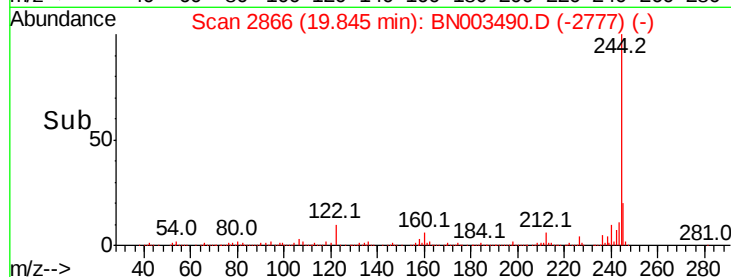
122 10.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.389 ng

RT: 20.53 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

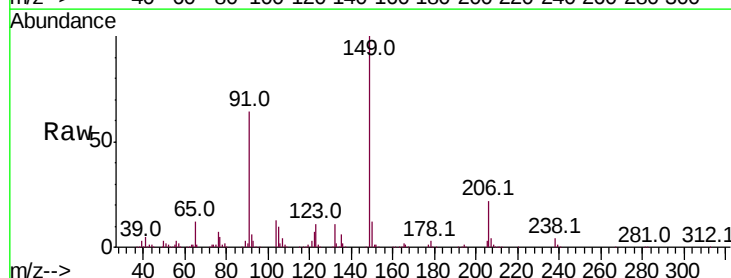
Tgt Ion:149 Resp: 499318

Ion Ratio Lower Upper

149 100

91 63.9 54.6 81.8

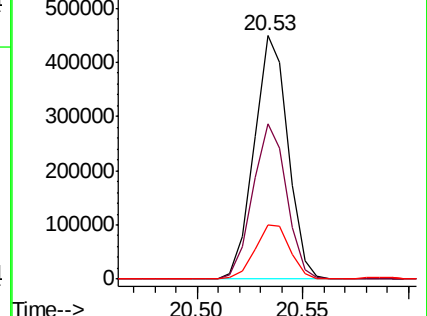
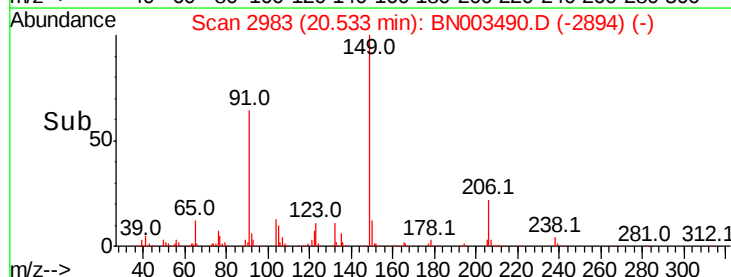
206 22.4 17.8 26.6

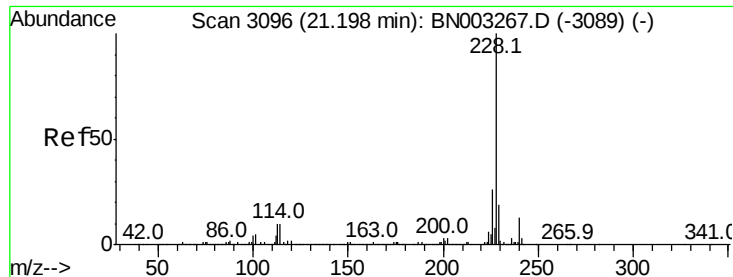


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

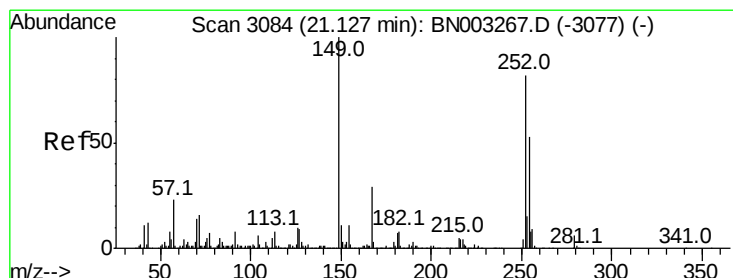
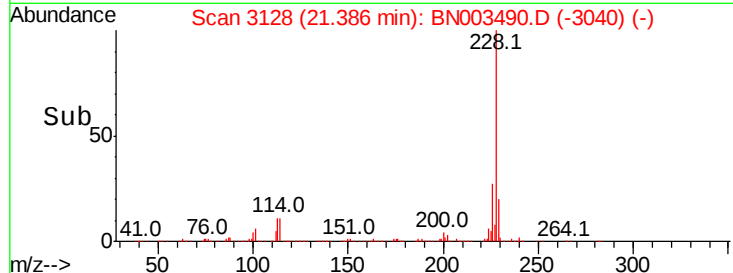
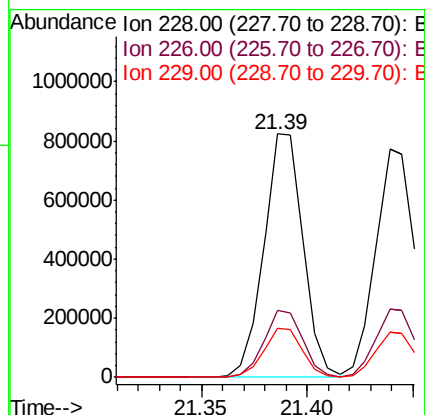
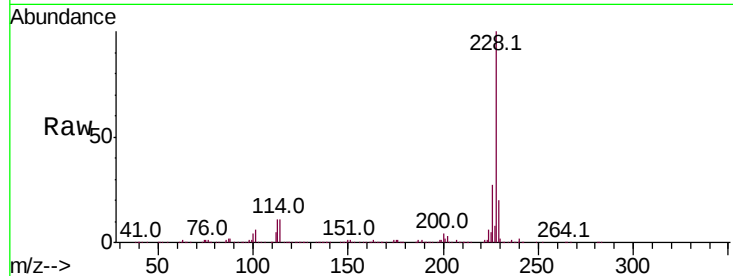




#81
Benzo(a)anthracene
Concen: 47.346 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

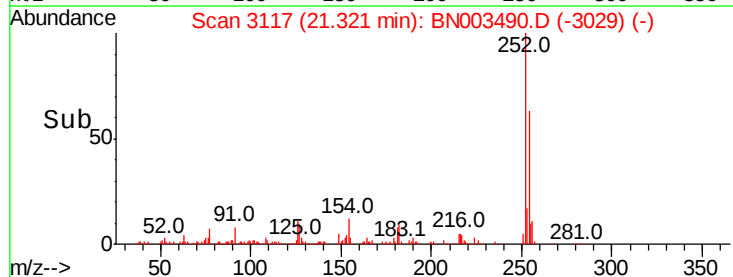
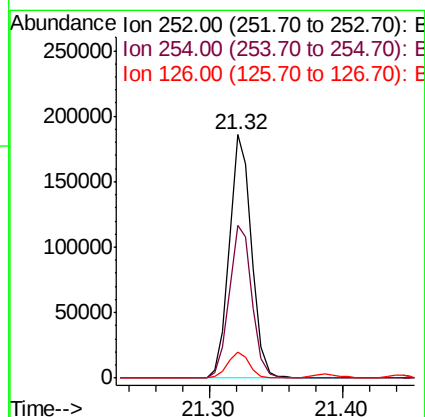
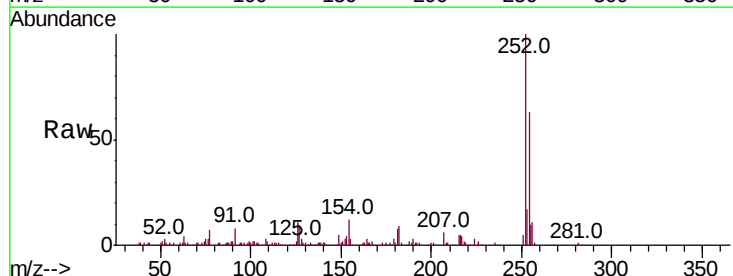
Instrument :
BNA_N
ClientSampled :
PB114671BS

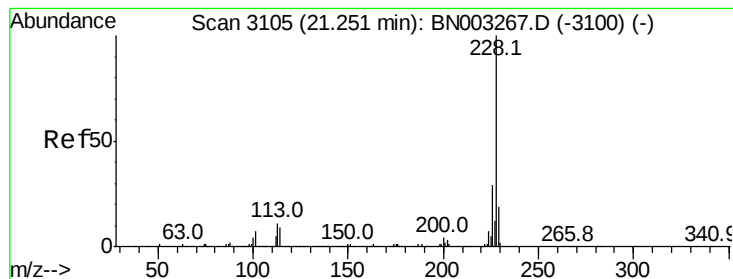
Tot Ion:228 Resp: 1064548
Ion Ratio Lower Upper
228 100
226 27.3 20.8 31.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 23.434 ng
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BN003490.D
Acq: 10 Nov 2018 01:48

Tgt Ion:252 Resp: 218041
Ion Ratio Lower Upper
252 100
254 62.9 51.1 76.7
126 10.6 9.3 13.9





#83

Chrysene

Concen: 46.383 ng

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

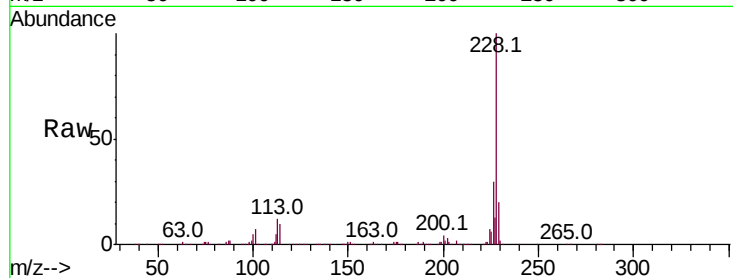
BNA_N

ClientSampleId :

PB114671BS

Tot Ion:228 Resp: 1002517

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.8	15.3	22.9

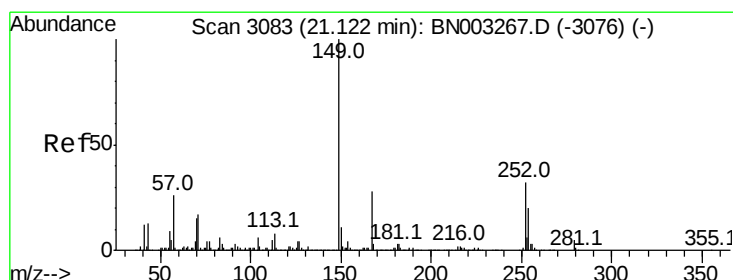
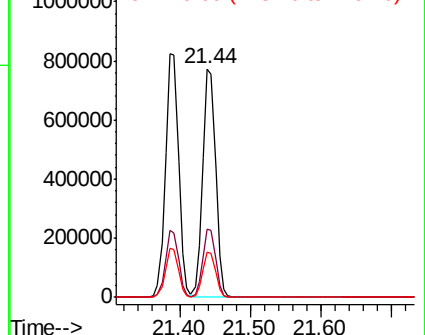
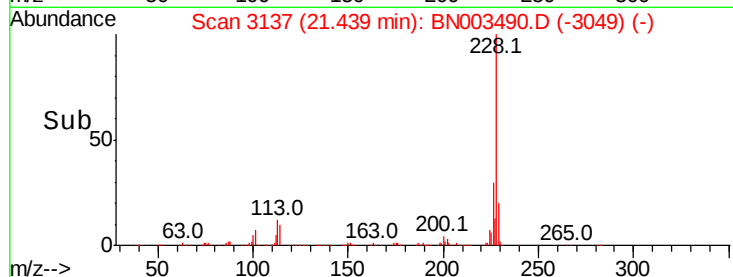


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.741 ng

RT: 21.30 min Scan# 3114

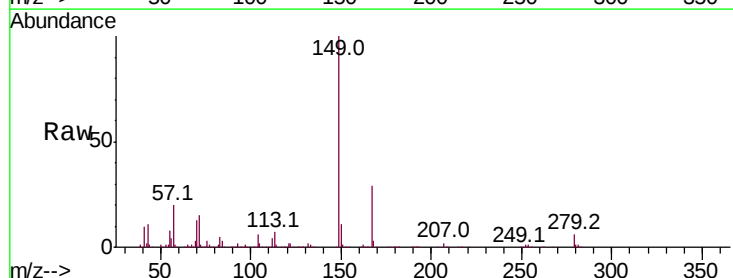
Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Tgt Ion:149 Resp: 714737

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	33.8
279	5.9	3.8	5.8#

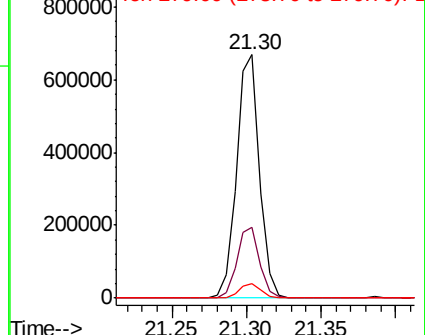
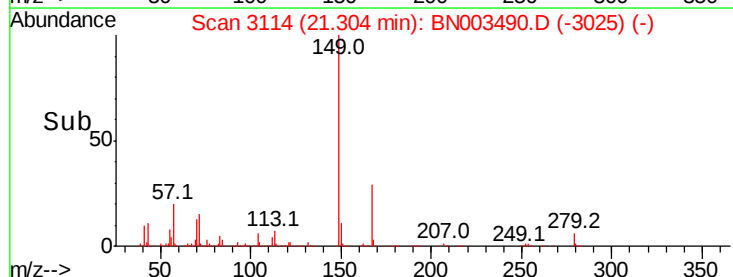


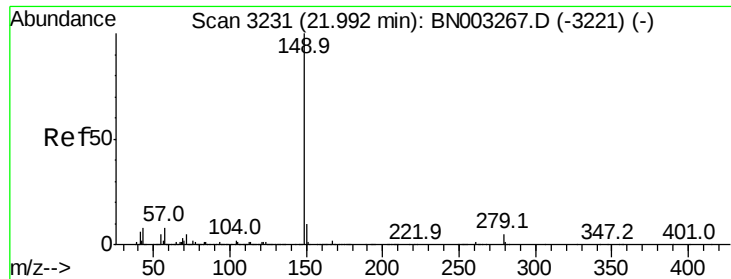
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.584 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

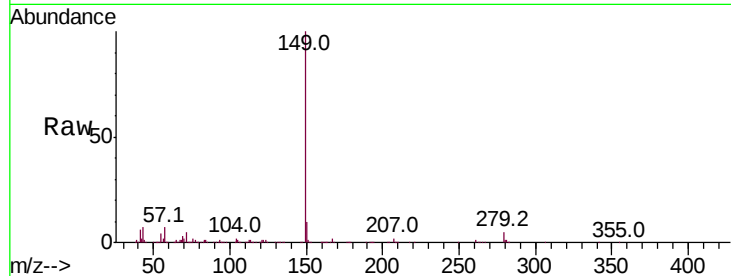
Tot Ion:149 Resp: 1088197

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

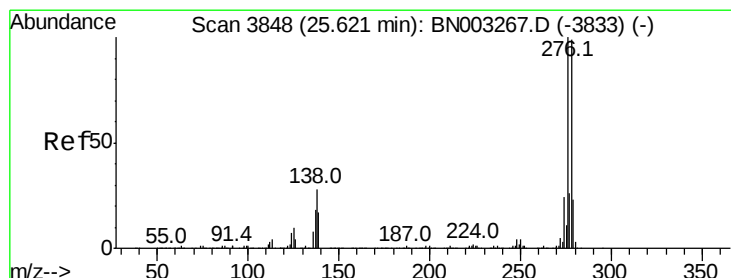
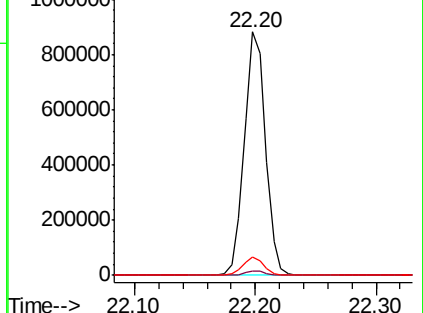
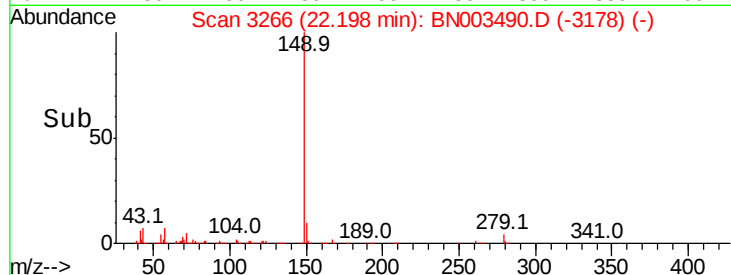
43 7.6 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.535 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

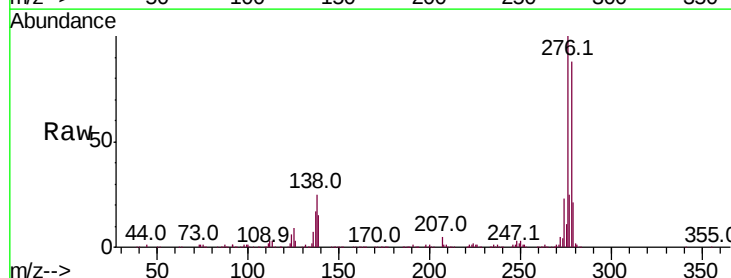
Tgt Ion:276 Resp: 1326125

Ion Ratio Lower Upper

276 100

138 25.0 21.2 31.8

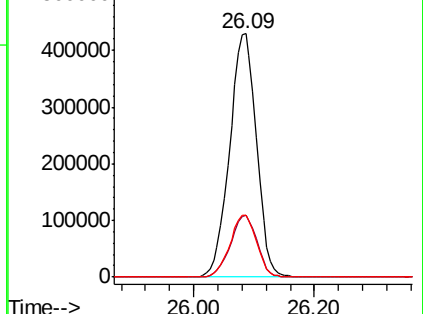
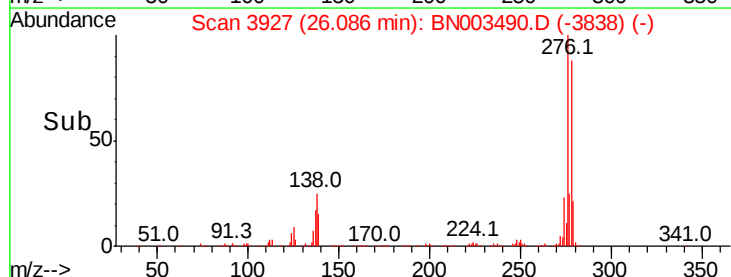
277 25.4 20.2 30.4

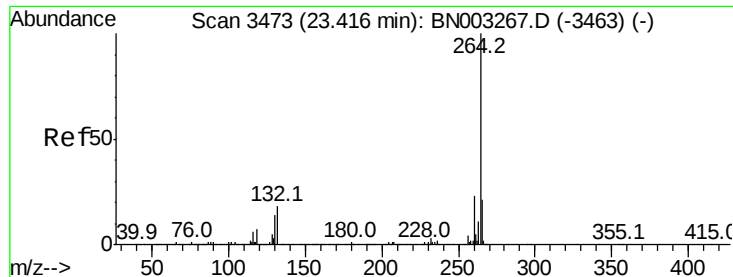


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

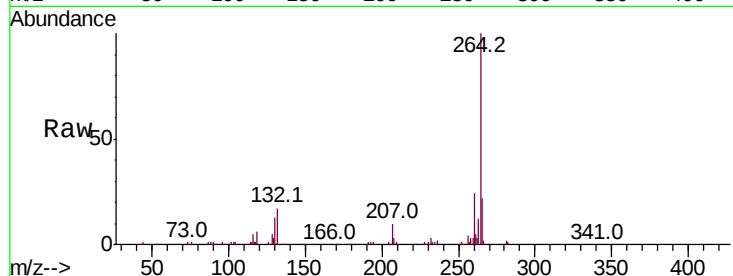
Tot Ion:264 Resp: 401865

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

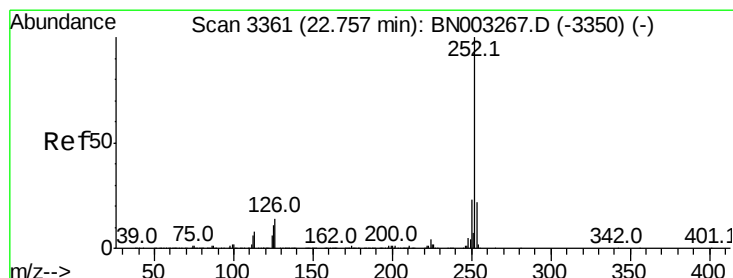
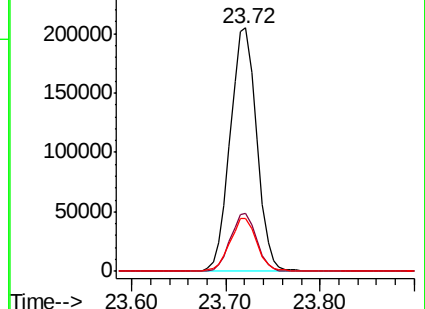
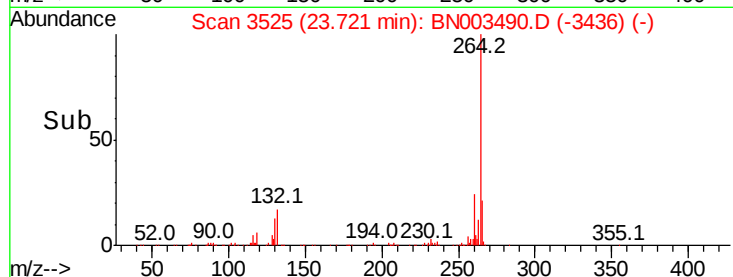
265 21.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.494 ng

RT: 23.02 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

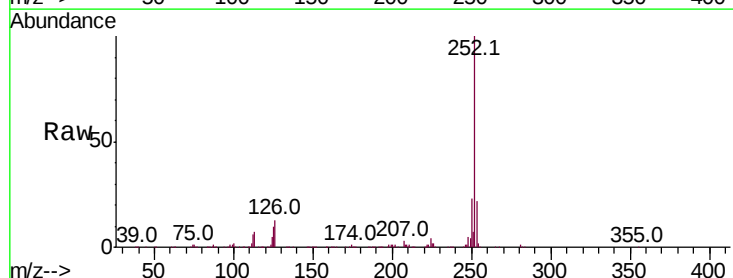
Tgt Ion:252 Resp: 1073027

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

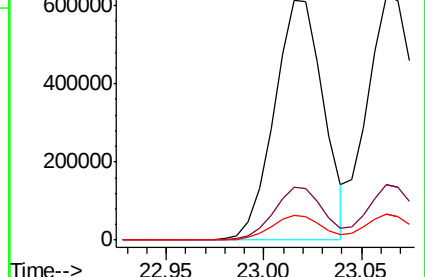
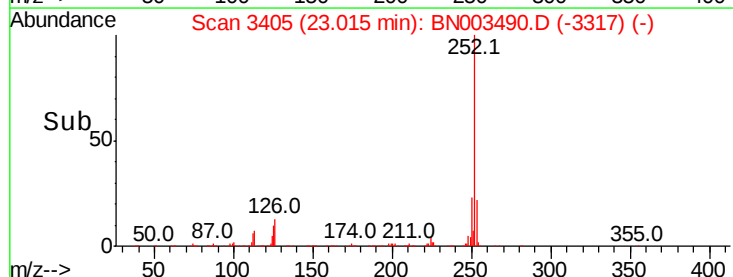
125 10.4 8.6 12.8

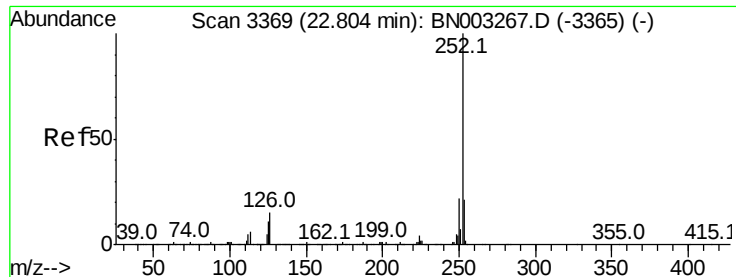


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.994 ng

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampleId :

PB114671BS

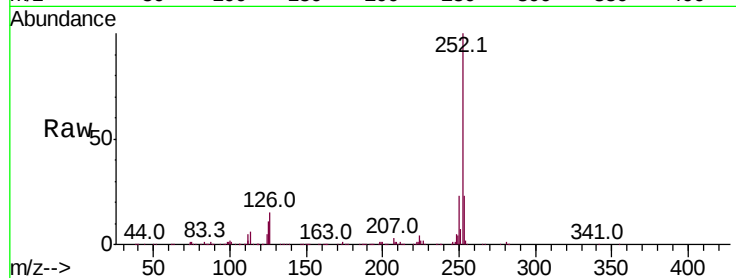
Tot Ion:252 Resp: 1063227

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

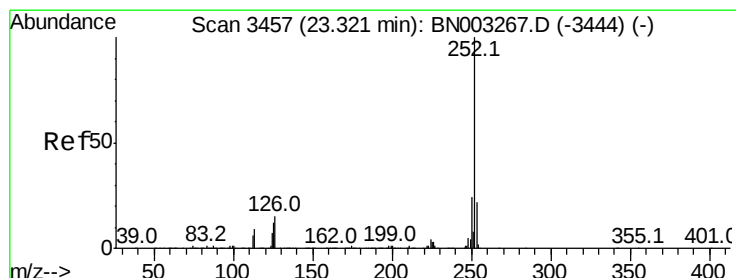
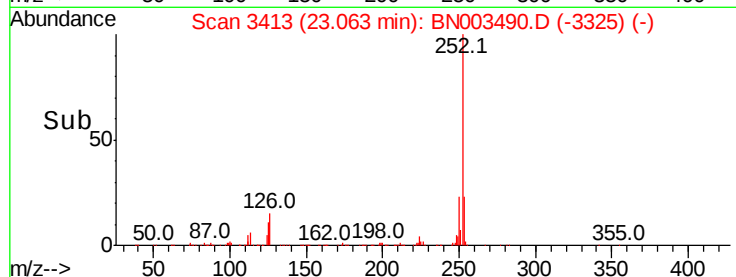
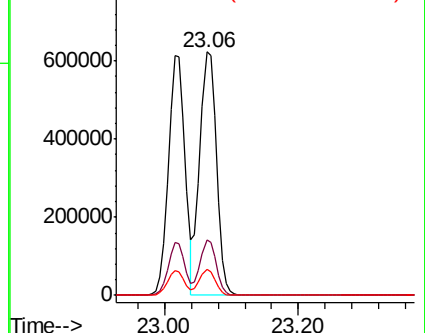
125 10.6 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.721 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

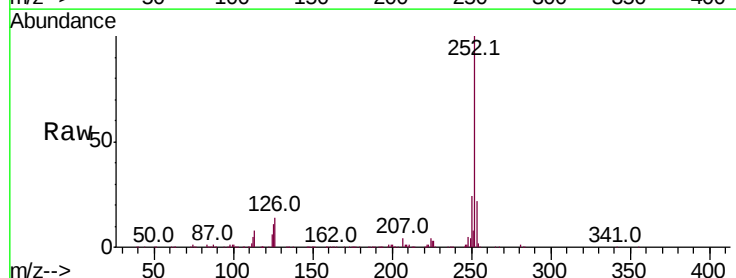
Tgt Ion:252 Resp: 1048511

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

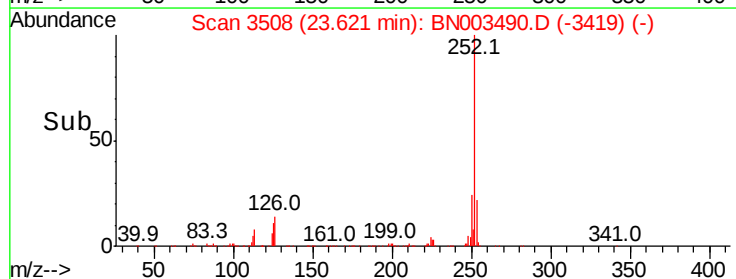
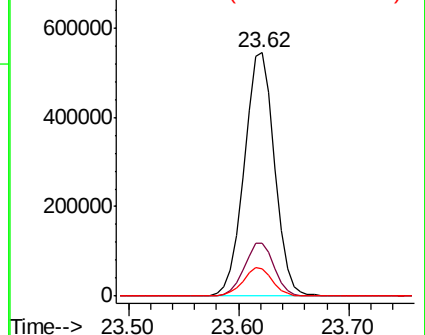
125 11.3 9.6 14.4

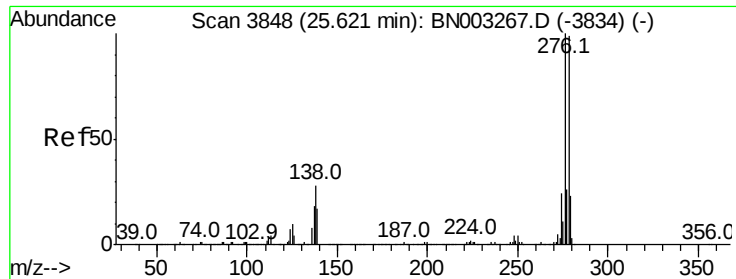


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.474 ng

RT: 26.09 min Scan# 3928

Delta R.T. -0.02 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

Instrument :

BNA_N

ClientSampled :

PB114671BS

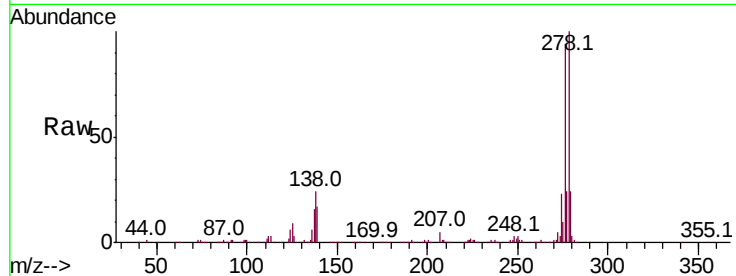
Tot Ion:278 Resp: 1116123

Ion Ratio Lower Upper

278 100

139 16.6 13.9 20.9

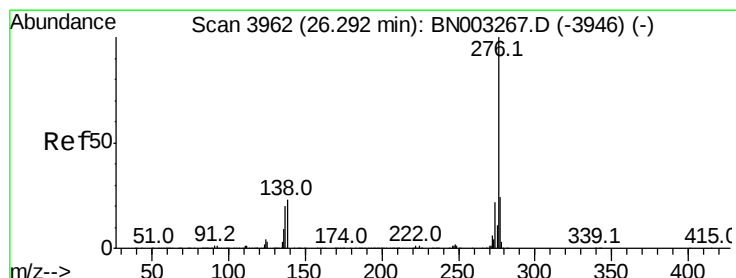
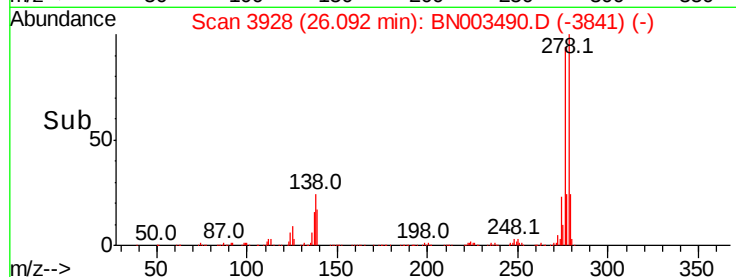
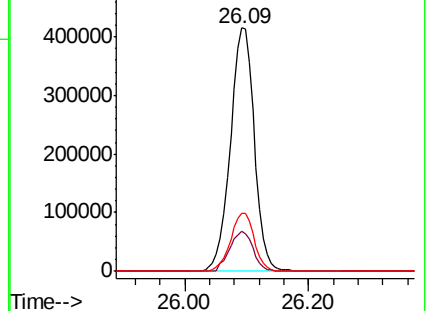
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.239 ng

RT: 26.81 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BN003490.D

Acq: 10 Nov 2018 01:48

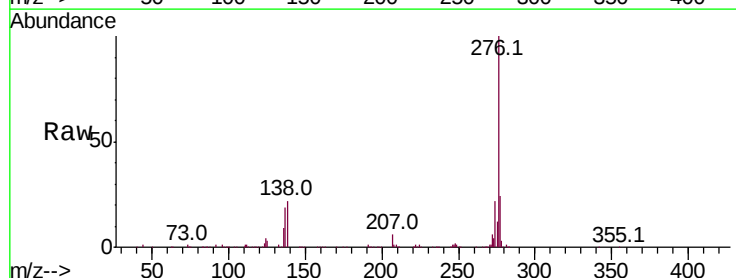
Tgt Ion:276 Resp: 1106874

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 22.3 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

