

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003510.D
 Acq On : 12 Nov 2018 17:16
 Operator : MJ/SJ
 Sample : PB114540BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Quant Time: Nov 13 00:35:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	89913	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	373048	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	209716	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	410357	20.00	ng	0.00
76) Chrysene-d12	21.40	240	317169	20.00	ng	0.00
87) Perylene-d12	23.72	264	335830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	729184	146.27	ng	0.00
7) Phenol-d6	7.01	99	935220	135.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	417595	70.46	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	406249	129.94	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1126951	71.73	ng	0.00
79) Terphenyl-d14	19.84	244	1310958	81.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	89901	46.656	ng	99
3) Pyridine	3.72	79	212392	36.871	ng	99
4) n-Nitrosodimethylamine	3.65	42	80361	45.724	ng	# 94
6) Aniline	7.18	93	322407	37.733	ng	99
8) 2-Chlorophenol	7.41	128	284578	45.098	ng	99
9) Benzaldehyde	6.99	77	145391	30.725	ng	99
10) Phenol	7.03	94	331975	44.502	ng	97
11) bis(2-Chloroethyl)ether	7.28	93	237617	40.176	ng	99
12) 1,3-Dichlorobenzene	7.73	146	284984	40.030	ng	99
13) 1,4-Dichlorobenzene	7.88	146	293548	40.345	ng	100
14) 1,2-Dichlorobenzene	8.20	146	283045	40.219	ng	99
15) Benzyl Alcohol	8.09	79	216870	42.085	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	303905	40.069	ng	99
17) 2-Methylphenol	8.28	107	230589	44.797	ng	99
18) Hexachloroethane	8.92	117	99120	41.857	ng	98
19) n-Nitroso-di-n-propylamine	8.65	70	181897	39.077	ng	98
20) 3+4-Methylphenols	8.61	107	311416	43.444	ng	100
22) Acetophenone	8.68	105	377171	44.345	ng	# 100
24) Nitrobenzene	9.06	77	270135	44.418	ng	99
25) Isophorone	9.58	82	505845	49.288	ng	99
26) 2-Nitrophenol	9.76	139	152524	44.112	ng	99
27) 2,4-Dimethylphenol	9.81	122	265727	53.768	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	331477	46.390	ng	99
29) 2,4-Dichlorophenol	10.29	162	276791	47.599	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	283437	42.765	ng	98
31) Naphthalene	10.70	128	845093	46.539	ng	100
32) Benzoic acid	9.95	122	168534	38.280	ng	98
33) 4-Chloroaniline	10.81	127	166138	20.505	ng	99
34) Hexachlorobutadiene	10.96	225	168029	42.338	ng	99
35) Caprolactam	11.60	113	80284	39.152	ng	96
36) 4-Chloro-3-methylphenol	11.92	107	269362	43.727	ng	100
37) 2-Methylnaphthalene	12.30	142	620925	47.878	ng	100
38) 1-Methylnaphthalene	12.53	142	589300	46.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	325570	43.188	ng	99

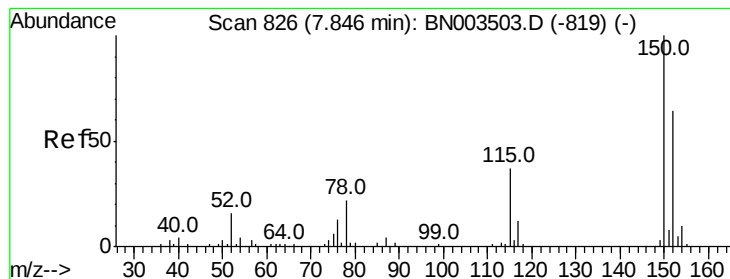
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003510.D
 Acq On : 12 Nov 2018 17:16
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	454974	110.350	ng	100
43) 2,4,6-Trichlorophenol	12.91	196	219296	46.849	ng	99
44) 2,4,5-Trichlorophenol	12.98	196	233325	46.729	ng	99
46) 1,1'-Biphenyl	13.32	154	784588	42.241	ng	99
47) 2-Chloronaphthalene	13.36	162	605309	43.314	ng	100
48) 2-Nitroaniline	13.57	65	148644	42.689	ng	96
49) Acenaphthylene	14.21	152	981893	47.626	ng	99
50) Dimethylphthalate	13.94	163	745822	45.396	ng	99
51) 2,6-Dinitrotoluene	14.07	165	166301	43.366	ng	98
52) Acenaphthene	14.55	154	558260	44.648	ng	98
53) 3-Nitroaniline	14.40	138	107878	26.314	ng	99
54) 2,4-Dinitrophenol	14.60	184	177046	83.492	ng	99
55) Dibenzofuran	14.88	168	896583	43.529	ng	99
56) 4-Nitrophenol	14.70	139	261065	83.345	ng	96
57) 2,4-Dinitrotoluene	14.85	165	219656	42.377	ng	96
58) Fluorene	15.53	166	703467	46.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	209458	46.480	ng	100
60) Diethylphthalate	15.30	149	727219	41.835	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	375668	41.927	ng	100
62) 4-Nitroaniline	15.56	138	156725	38.094	ng	98
63) Azobenzene	15.82	77	598620	42.190	ng	100
65) 4,6-Dinitro-2-methylphenol	15.61	198	117839	42.443	ng	98
66) n-Nitrosodiphenylamine	15.74	169	611039	47.012	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	236074	45.609	ng	99
68) Hexachlorobenzene	16.52	284	270348	44.877	ng	98
69) Atrazine	16.69	200	214238	44.065	ng	99
70) Pentachlorophenol	16.87	266	309795	77.157	ng	99
71) Phenanthrene	17.27	178	1006723	46.961	ng	99
72) Anthracene	17.36	178	1018851	48.623	ng	99
73) Carbazole	17.63	167	860303	41.834	ng	100
74) Di-n-butylphthalate	18.18	149	1125115	46.367	ng	100
75) Fluoranthene	19.28	202	1009345	43.677	ng	99
77) Benzidine	19.47	184	507760	46.292	ng	100
78) Pyrene	19.65	202	997832	46.607	ng	100
80) Butylbenzylphthalate	20.53	149	406688	44.323	ng	99
81) Benzo(a)anthracene	21.39	228	865136	47.951	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	244858	32.564	ng	99
83) Chrysene	21.44	228	811784	47.045	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	570787	42.897	ng	99
85) Di-n-octyl phthalate	22.20	149	871718	44.111	ng	99
86) Indeno(1,2,3-cd)pyrene	26.07	276	1097584	60.253	ng	100
88) Benzo(b)fluoranthene	23.02	252	892927	47.757	ng	100
89) Benzo(k)fluoranthene	23.06	252	854516	45.927	ng	100
90) Benzo(a)pyrene	23.62	252	868451	50.130	ng	99
91) Dibenzo(a,h)anthracene	26.09	278	924186	52.388	ng	99
92) Benzo(g,h,i)perylene	26.80	276	912719	53.203	ng	100

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

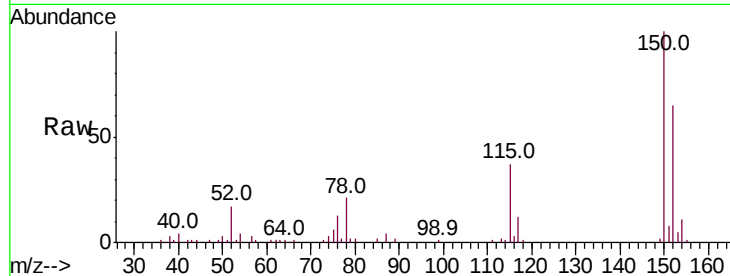


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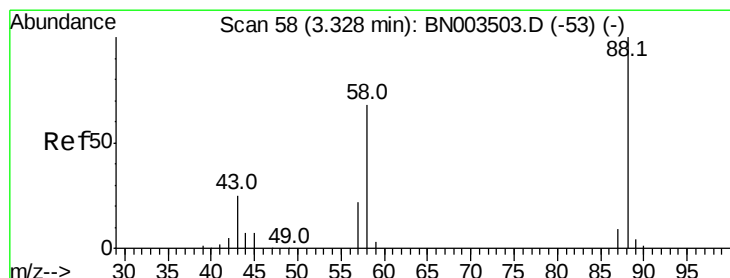
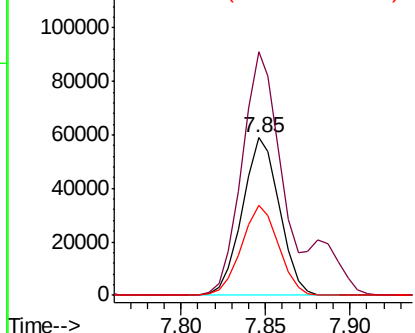
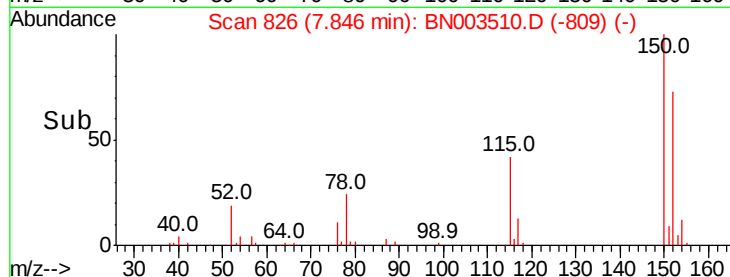
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion:152 Resp: 89913
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.4 188.0
 115 56.9 45.9 68.9



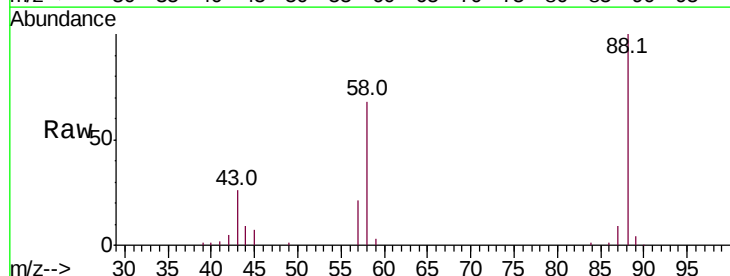
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



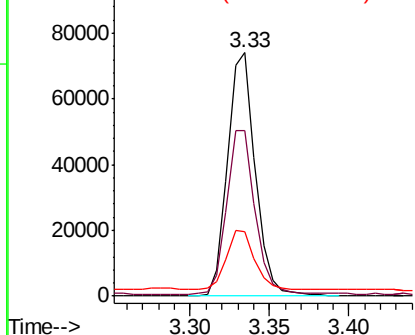
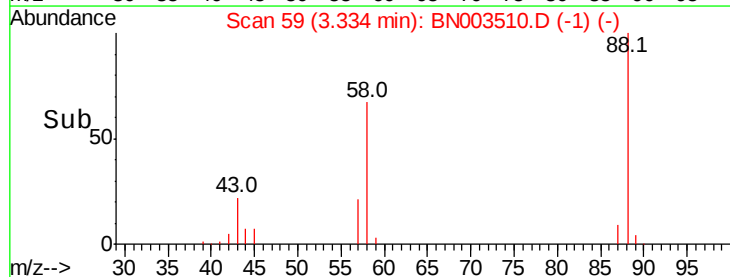
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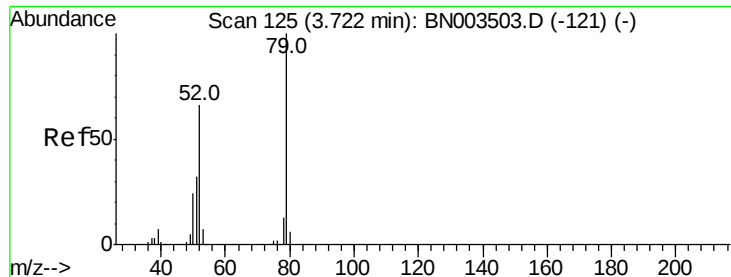
1,4-Dioxane
 Concen: 46.656 ng
 RT: 3.33 min Scan# 59
 Delta R.T. 0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 88 Resp: 89901
 Ion Ratio Lower Upper
 88 100
 58 68.4 54.2 81.2
 43 25.0 19.0 28.6



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

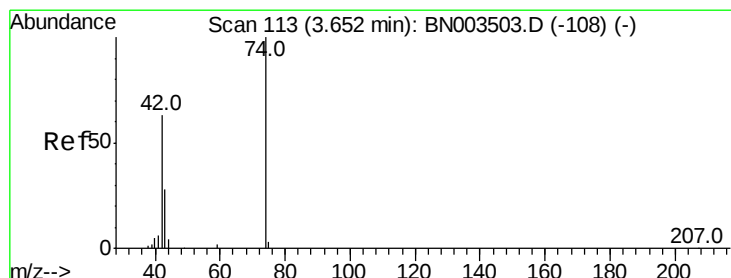
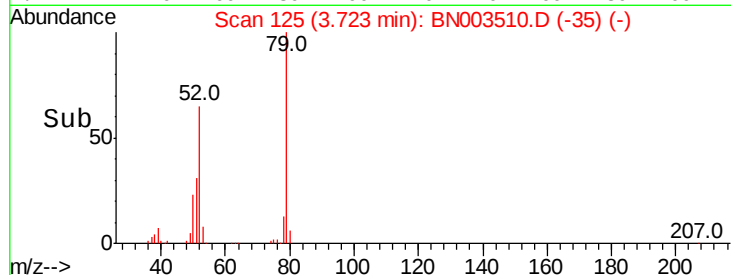
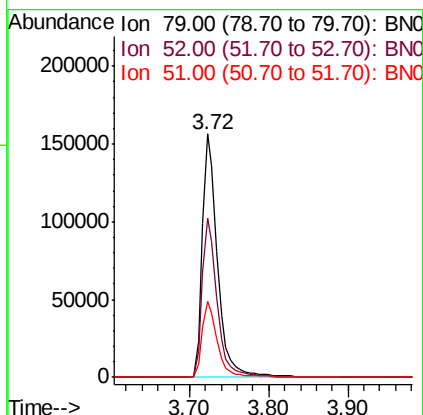
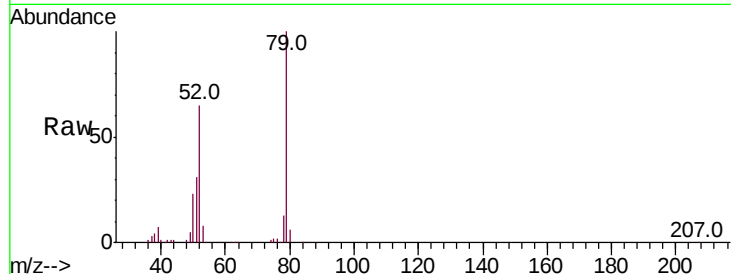




#3
 Pvridine
 Concen: 36.871 ng
 RT: 3.72 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

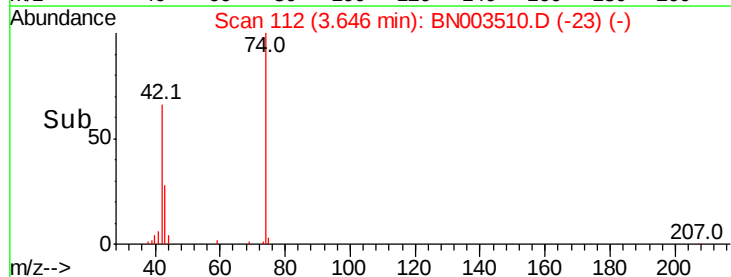
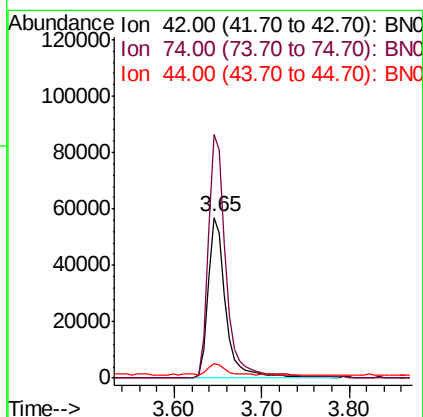
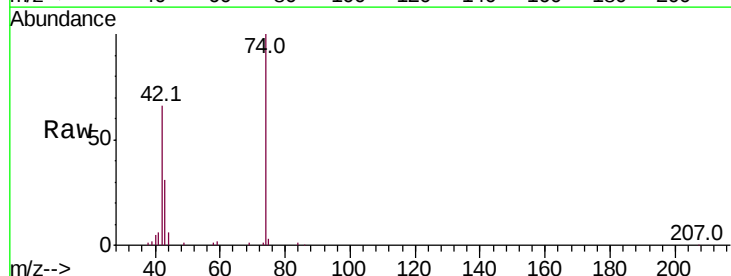
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

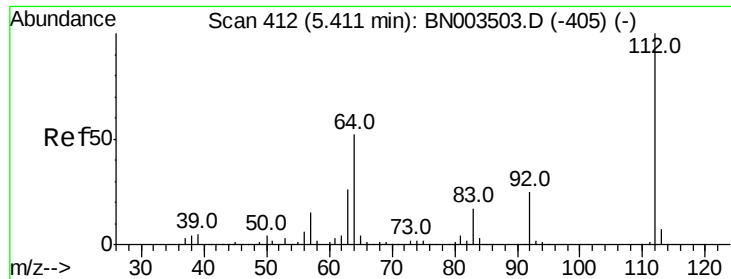
Tot Ion: 79 Resp: 212392
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.6 78.8
 51 31.4 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 45.724 ng
 RT: 3.65 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 42 Resp: 80361
 Ion Ratio Lower Upper
 42 100
 74 151.5 127.3 190.9
 44 8.9 5.9 8.9#





#5

2-Fluorophenol

Concen: 146.268 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

PB114540BS

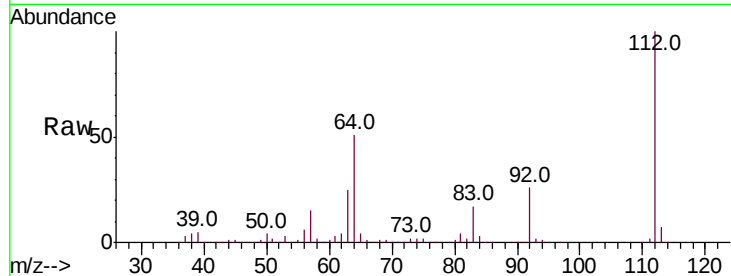
Tot Ion:112 Resp: 729184

Ion Ratio Lower Upper

112 100

64 51.0 41.4 62.2

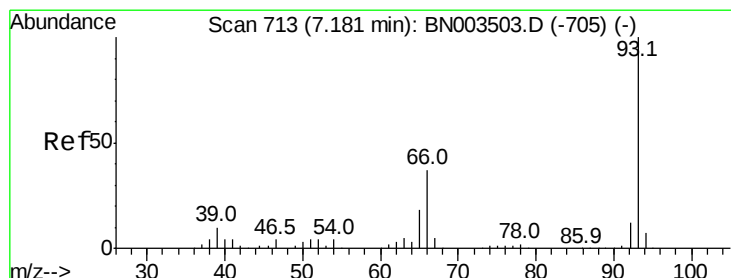
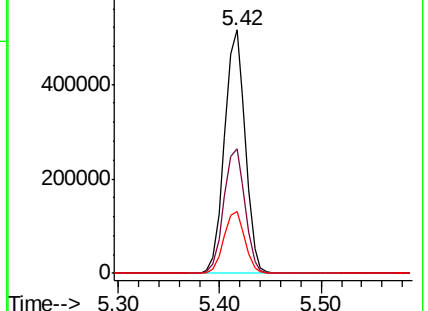
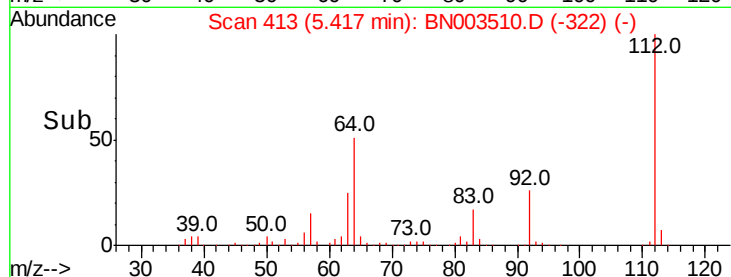
63 25.5 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 37.733 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

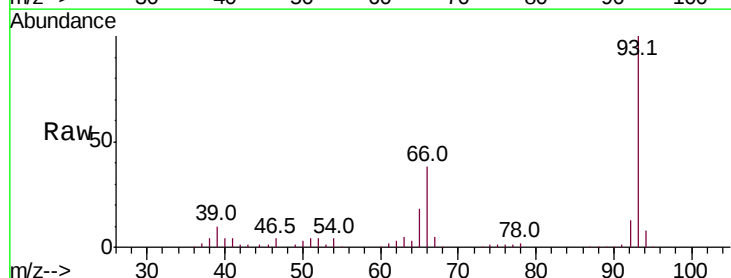
Tgt Ion: 93 Resp: 322407

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

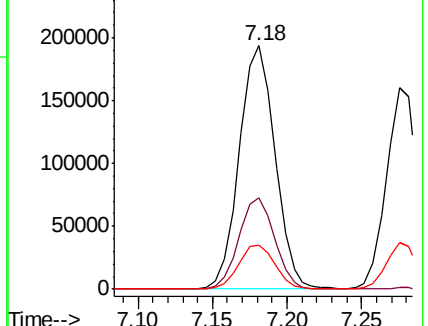
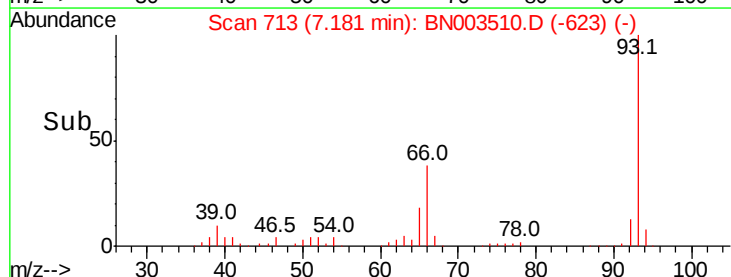
65 18.3 14.5 21.7

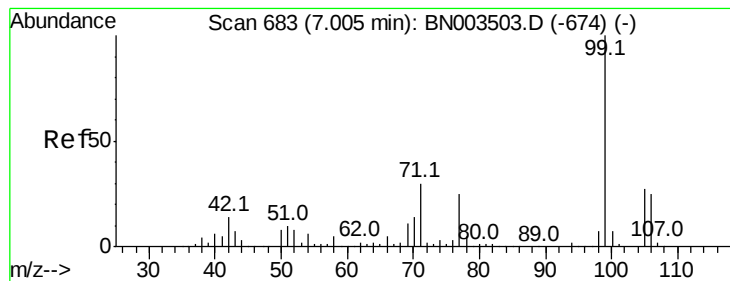


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 135.266 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

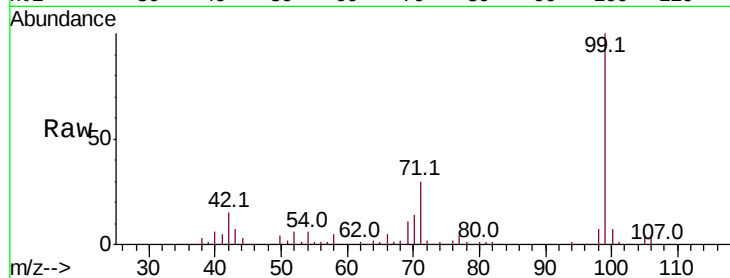
Tot Ion: 99 Resp: 935220

Ion Ratio Lower Upper

99 100

42 14.6 11.6 17.4

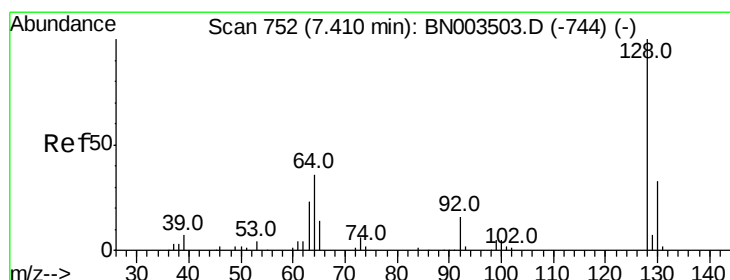
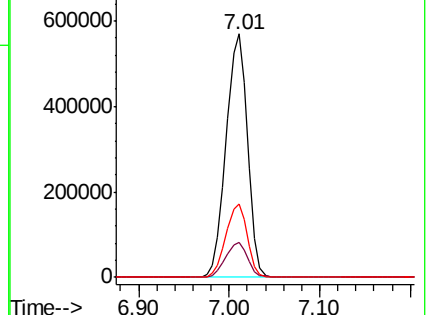
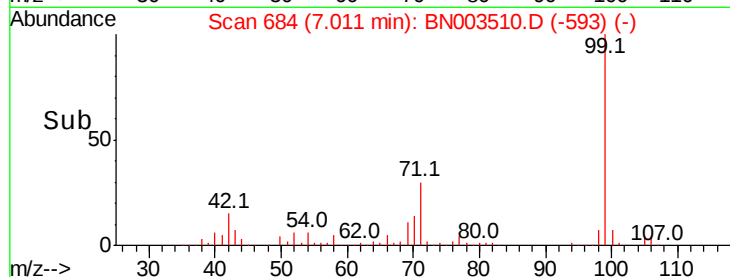
71 30.4 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BN003510.D (-593) (-)

Ion 42.00 (41.70 to 42.70): BN003510.D (-593) (-)

Ion 71.00 (70.70 to 71.70): BN003510.D (-593) (-)



#8

2-Chlorophenol

Concen: 45.098 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

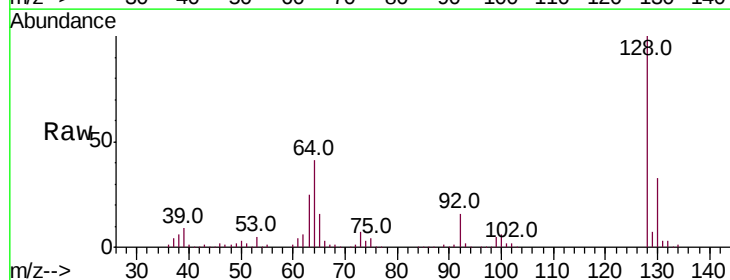
Tgt Ion: 128 Resp: 284578

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

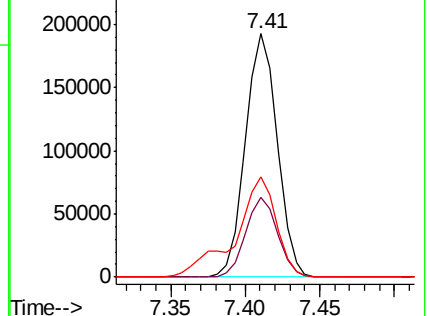
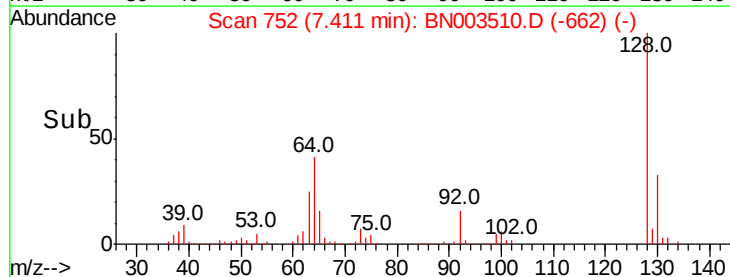
64 41.2 20.2 60.2

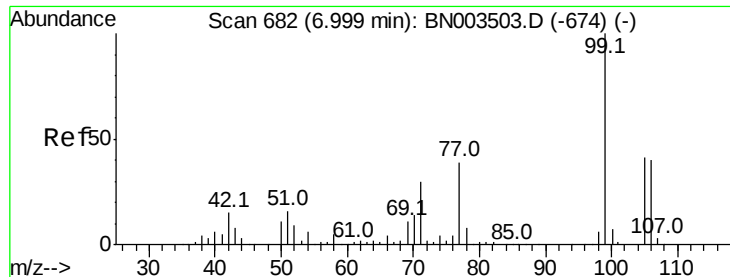


Abundance Ion 128.00 (127.70 to 128.70): BN003510.D (-662) (-)

Ion 130.00 (129.70 to 130.70): BN003510.D (-662) (-)

Ion 64.00 (63.70 to 64.70): BN003510.D (-662) (-)





#9

Benzaldehyde

Concen: 30.725 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

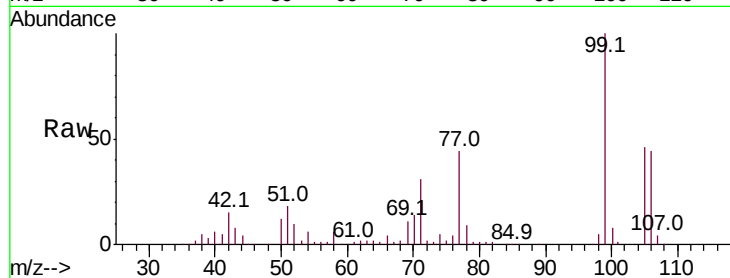
Tot Ion: 77 Resp: 145391

Ion Ratio Lower Upper

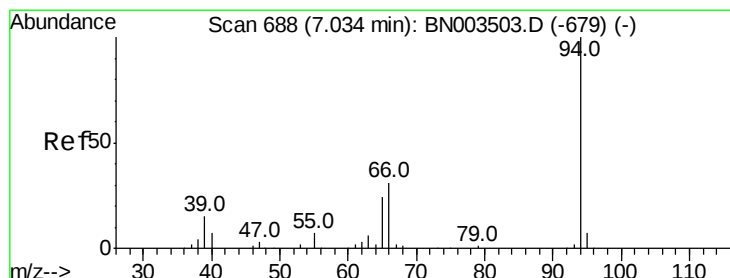
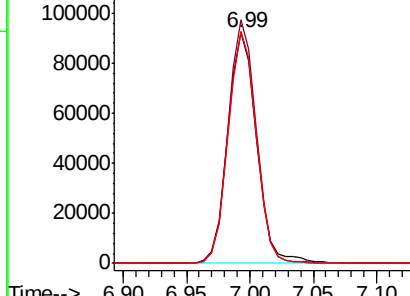
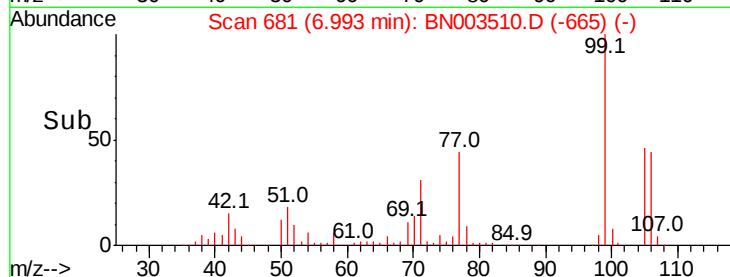
77 100

105 105.7 84.7 124.7

106 101.0 81.0 121.0



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: 44.502 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

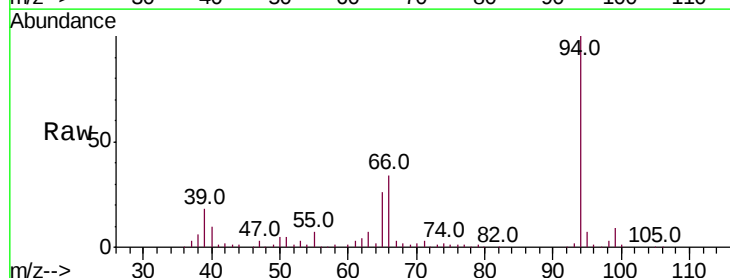
Tgt Ion: 94 Resp: 331975

Ion Ratio Lower Upper

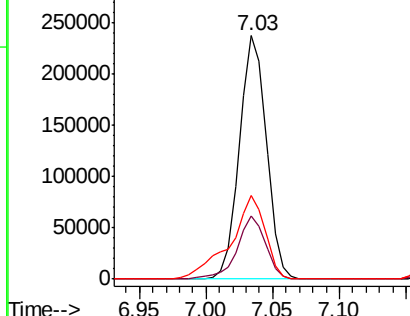
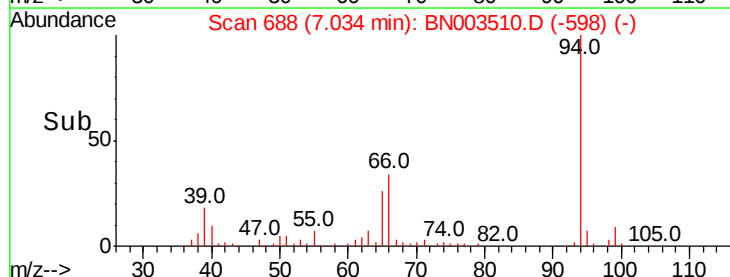
94 100

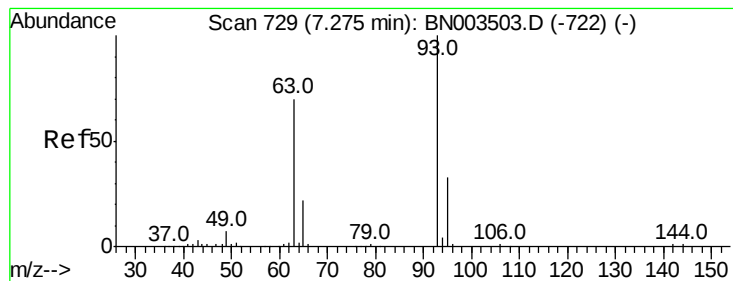
65 25.7 4.5 44.5

66 34.1 12.0 52.0



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: 40.176 ng

RT: 7.28 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

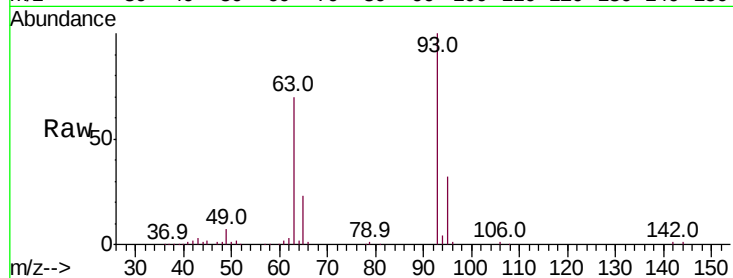
Tot Ion: 93 Resp: 237617

Ion Ratio Lower Upper

93 100

63 70.5 49.9 89.9

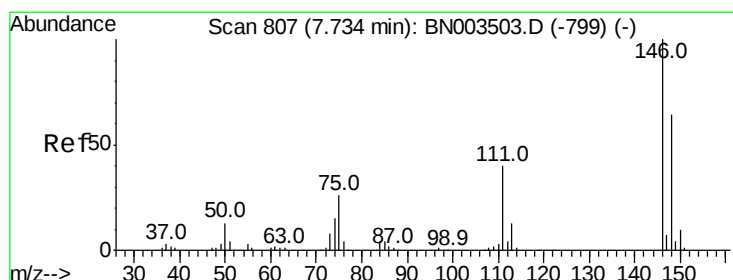
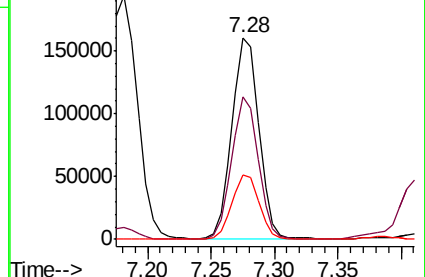
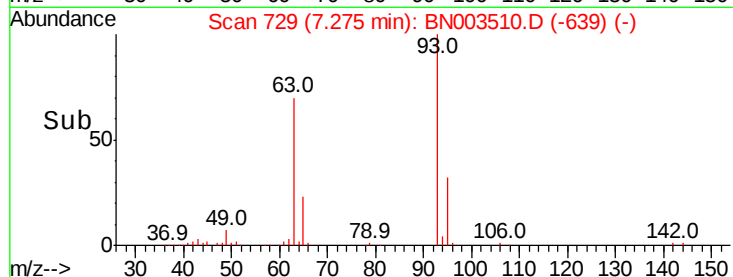
95 32.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BN003510.D (-722) (-)

Ion 63.00 (62.70 to 63.70): BN003510.D (-722) (-)

Ion 95.00 (94.70 to 95.70): BN003510.D (-722) (-)



#12

1,3-Dichlorobenzene

Concen: 40.030 ng

RT: 7.73 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

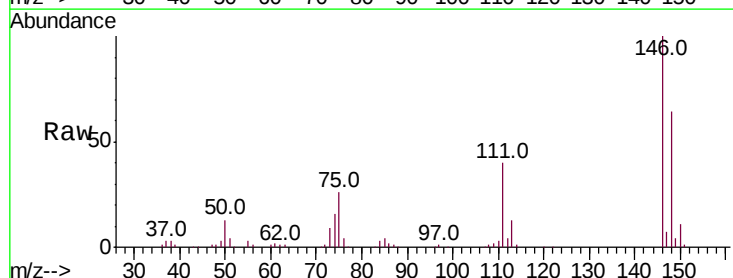
Tgt Ion: 146 Resp: 284984

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

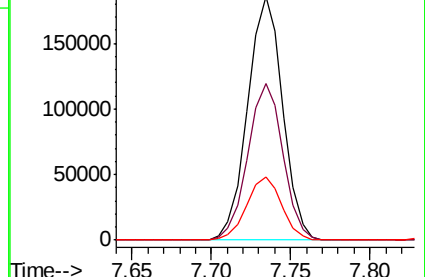
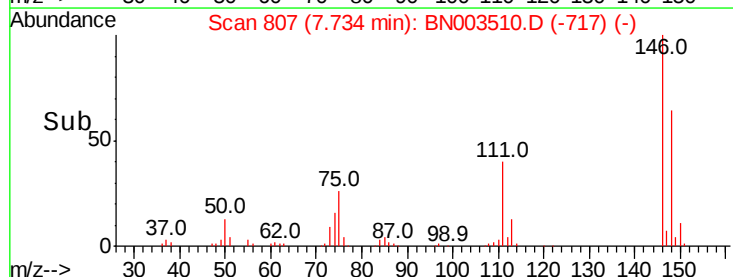
75 26.2 20.5 30.7

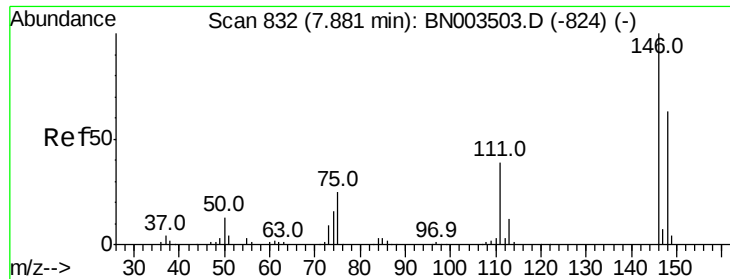


Abundance Ion 146.00 (145.70 to 146.70): BN003510.D (-799) (-)

Ion 148.00 (147.70 to 148.70): BN003510.D (-799) (-)

Ion 75.00 (74.70 to 75.70): BN003510.D (-799) (-)

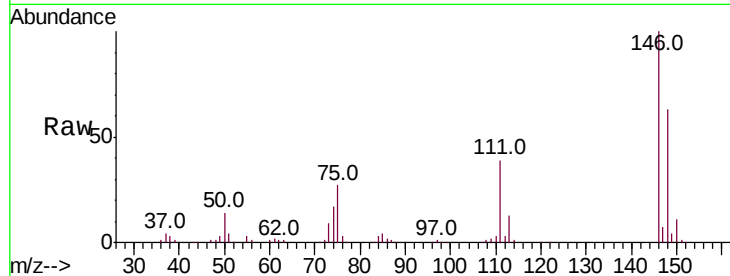




#13
 1,4-Dichlorobenzene
 Concen: 40.345 ng
 RT: 7.88 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	38.8	31.0	46.6

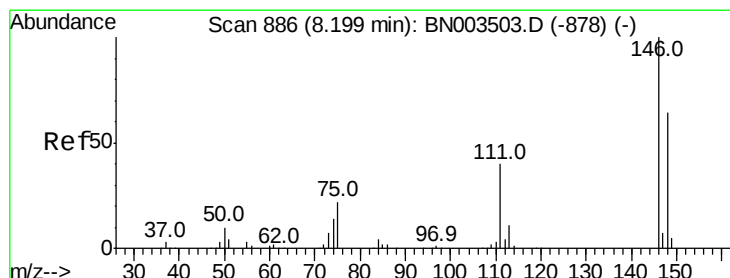
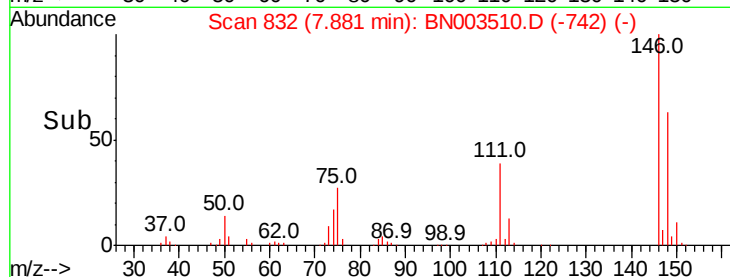
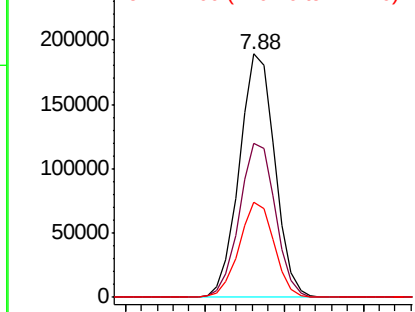


Abundance

Ion 146.00 (145.70 to 146.70): E

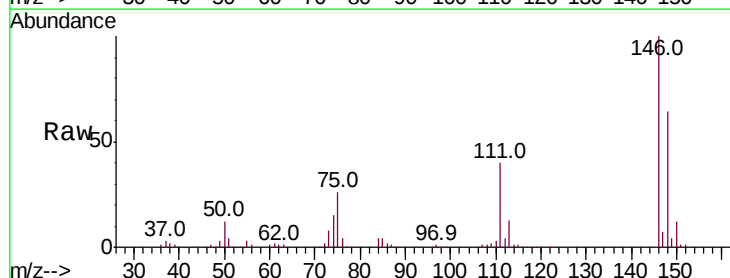
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.219 ng
 RT: 8.20 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	40.3	32.6	48.8

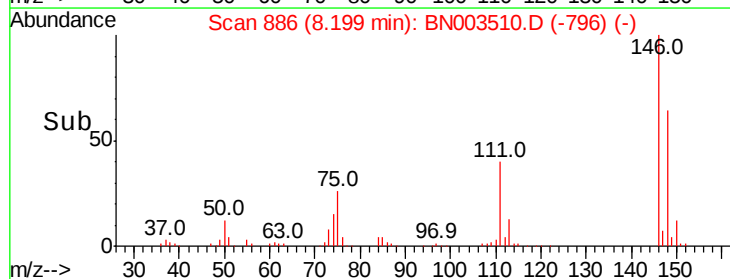
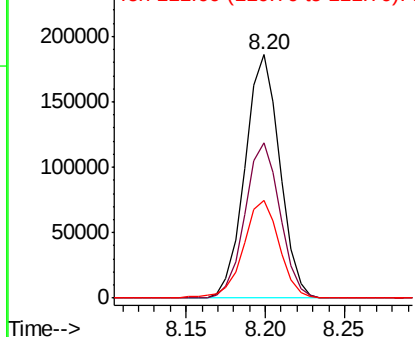


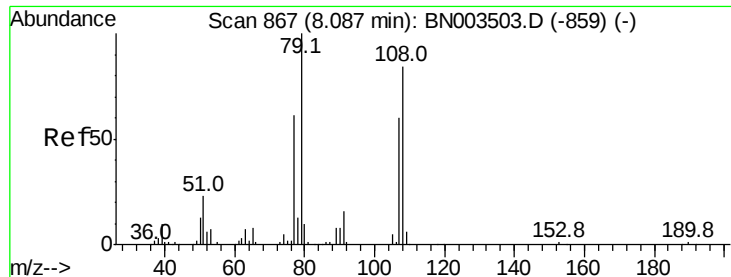
Abundance

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: 42.085 ng

RT: 8.09 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

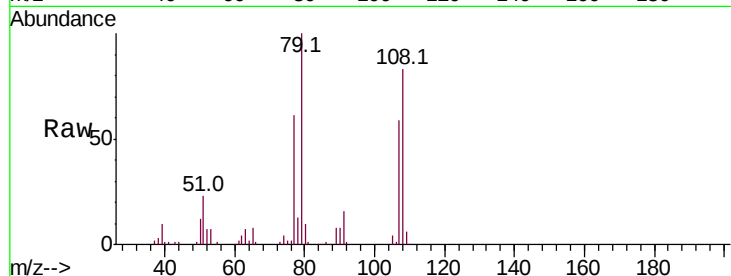
Tot Ion: 79 Resp: 216870

Ion Ratio Lower Upper

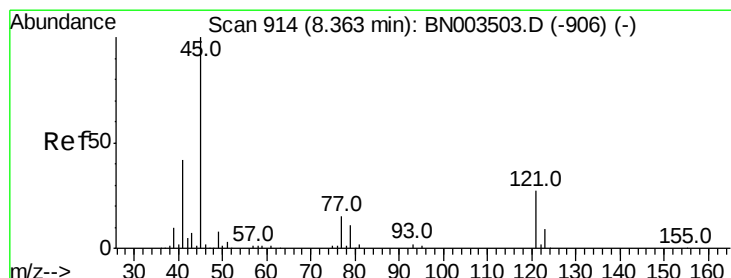
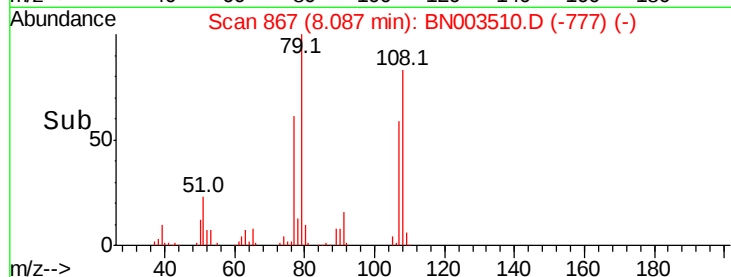
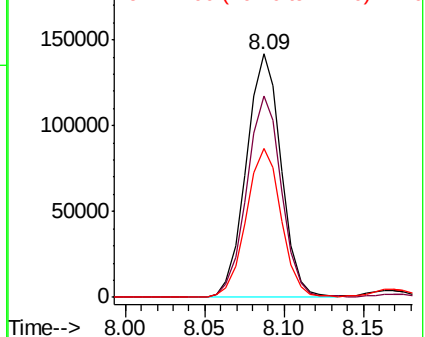
79 100

108 82.6 67.3 100.9

77 61.3 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: 40.069 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

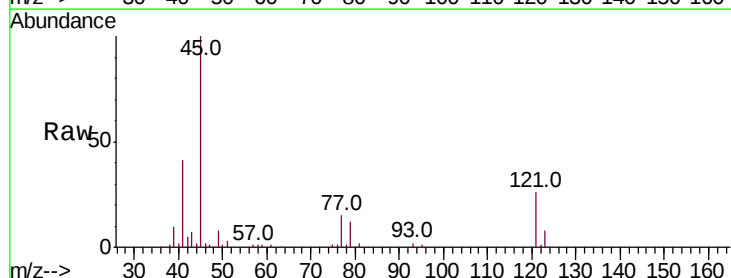
Tgt Ion: 45 Resp: 303905

Ion Ratio Lower Upper

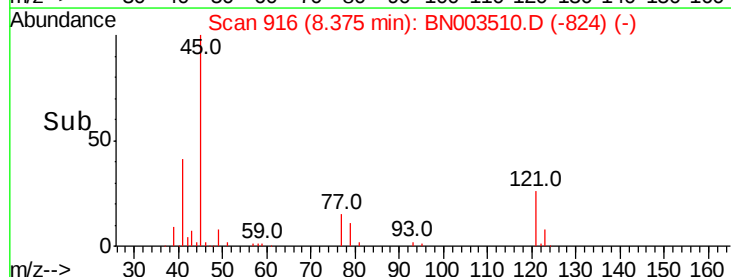
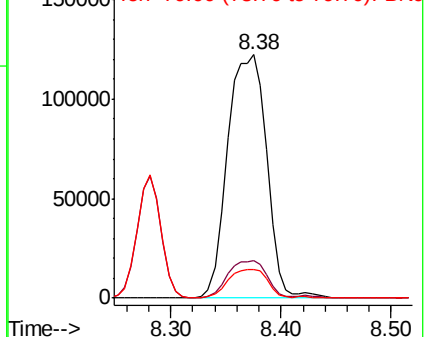
45 100

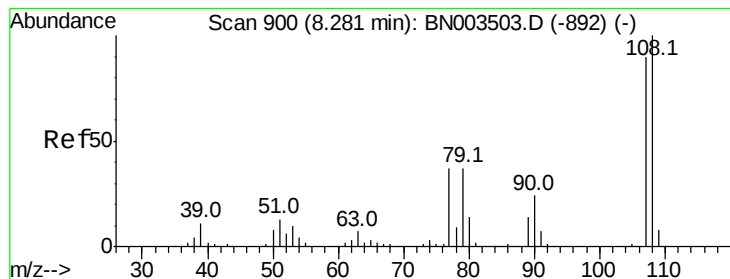
77 15.3 0.0 35.1

79 11.9 0.0 31.4



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

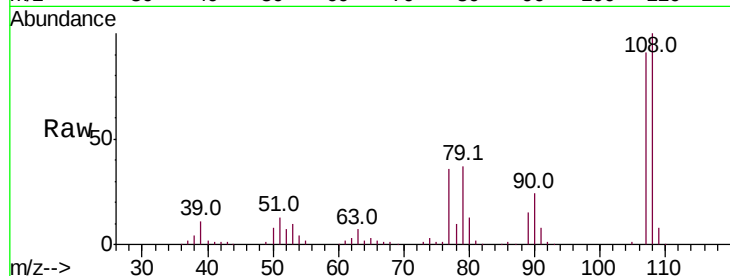




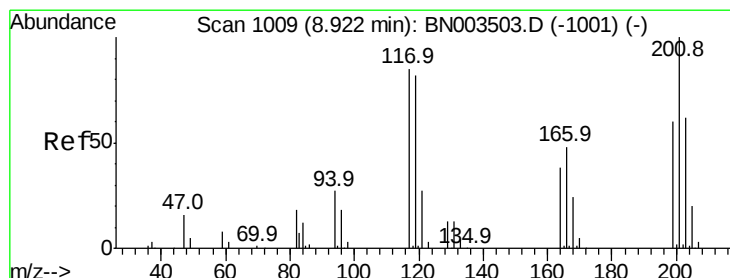
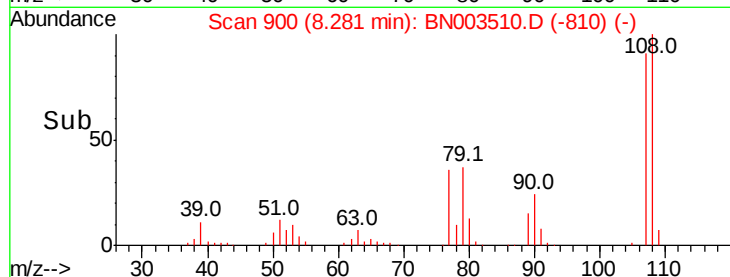
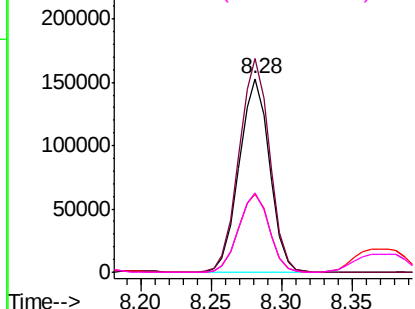
#17
2-Methylphenol
Concen: 44.797 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion:	107	Resp:	230589
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.0	133.4
77	40.2	32.6	49.0
79	40.7	32.7	49.1

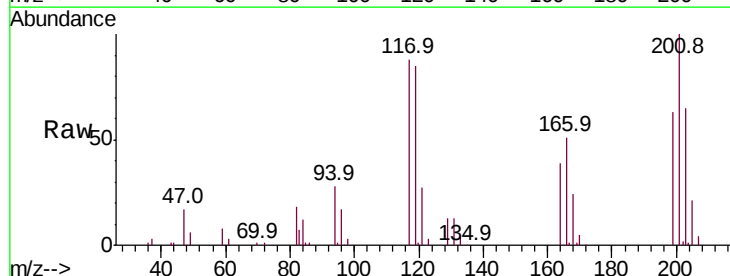


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

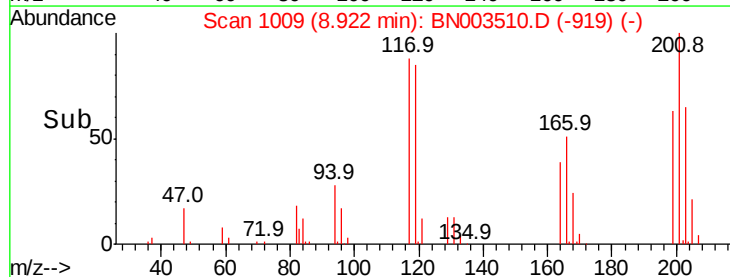
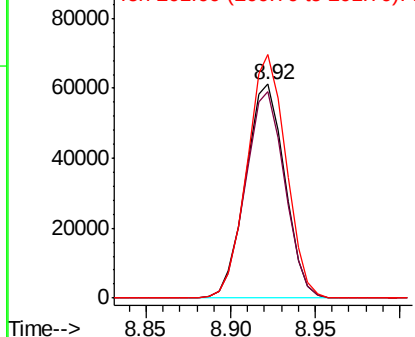


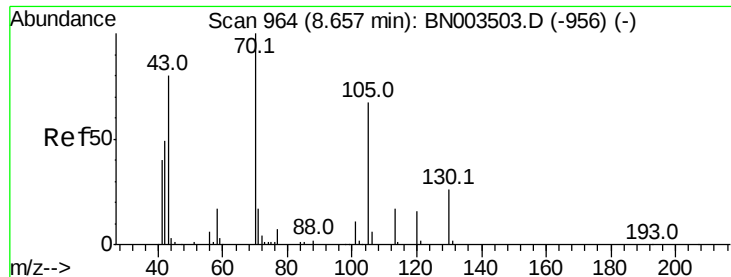
#18
Hexachloroethane
Concen: 41.857 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	117	Resp:	99120
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	113.8	93.6	140.4



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

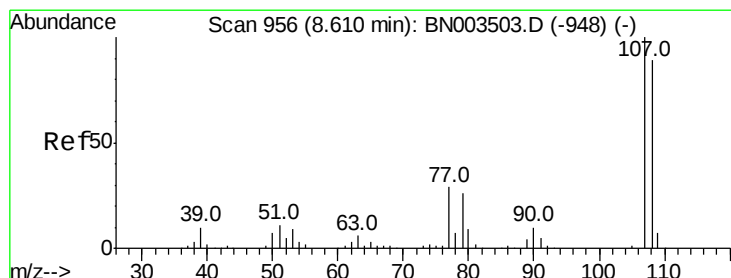
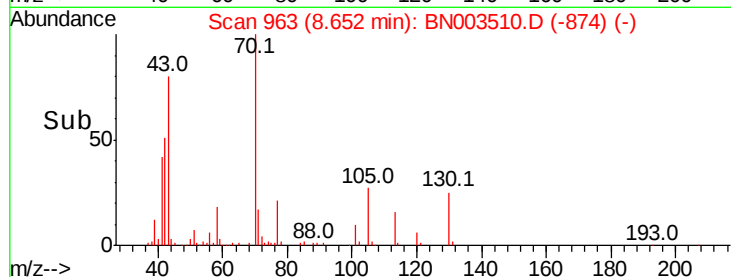
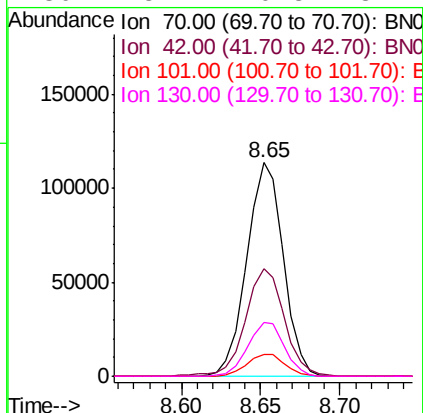
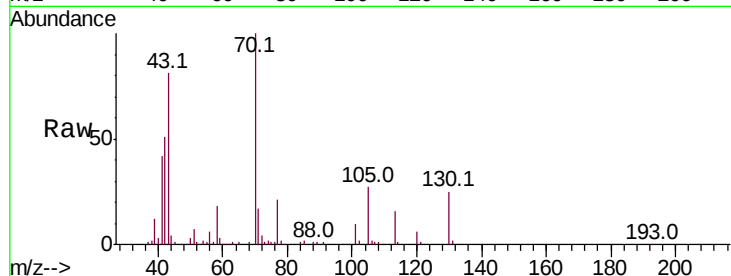




#19
n-Nitroso-di-n-propylamine
Concen: 39.077 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

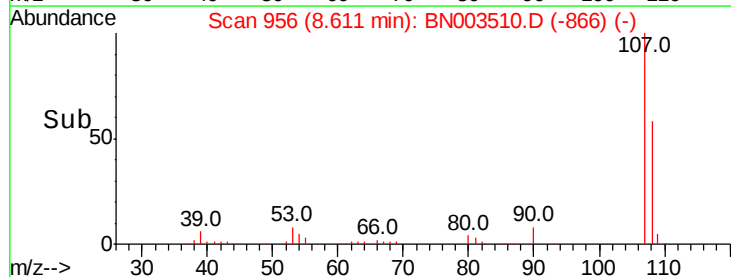
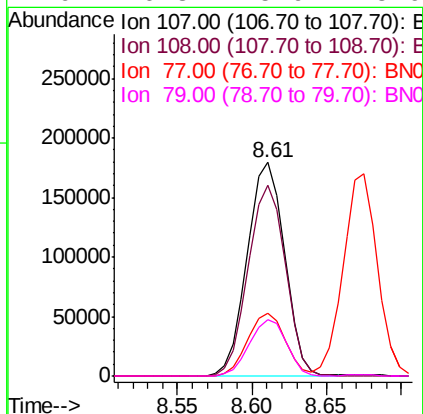
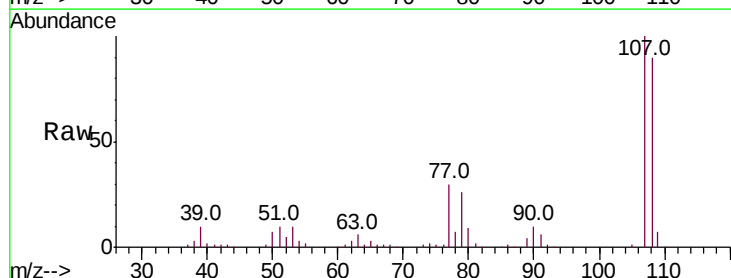
Instrument :
BNA_N
ClientSampleId :
PB114540BS

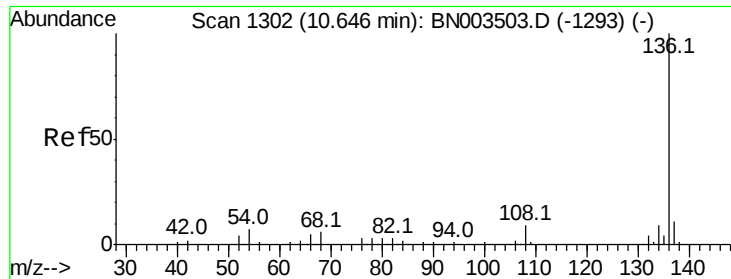
Tot Ion: 70 Resp: 181897
Ion Ratio Lower Upper
70 100
42 50.6 39.7 59.5
101 10.3 8.8 13.2
130 25.2 20.8 31.2



#20
3+4-Methylphenols
Concen: 43.444 ng
RT: 8.61 min Scan# 956
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:107 Resp: 311416
Ion Ratio Lower Upper
107 100
108 89.6 69.5 109.5
77 29.6 9.4 49.4
79 26.3 5.9 45.9

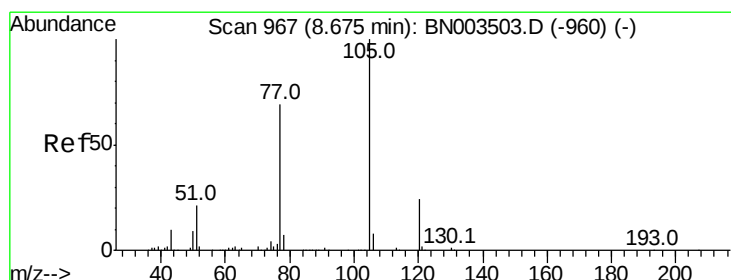
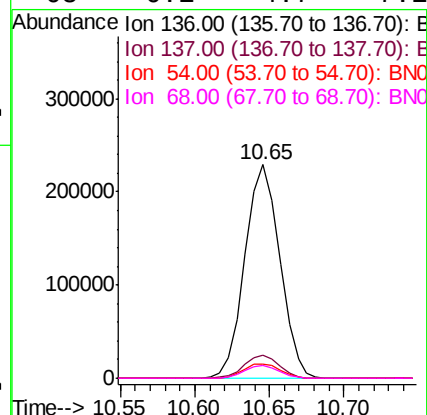
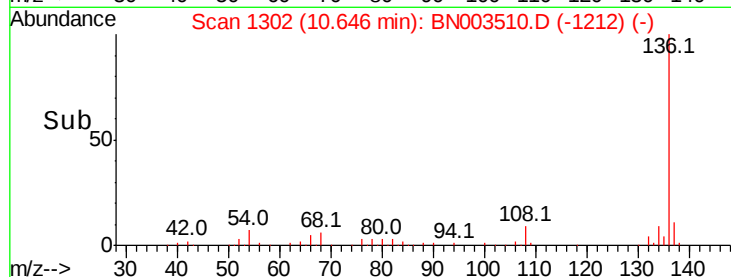
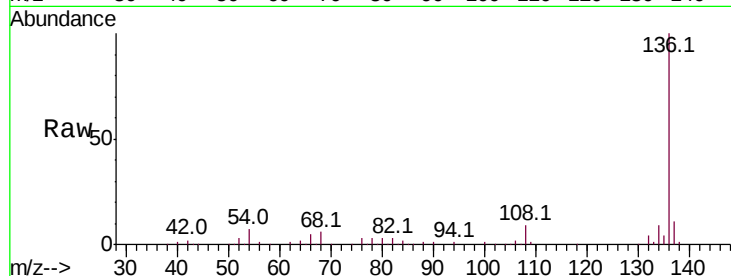




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

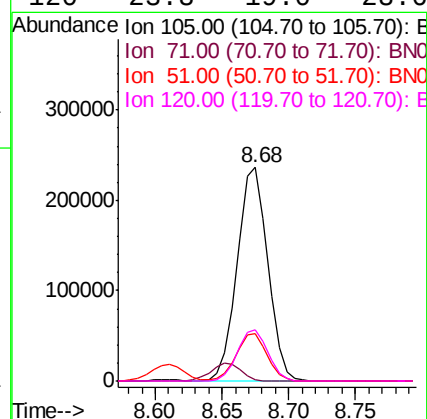
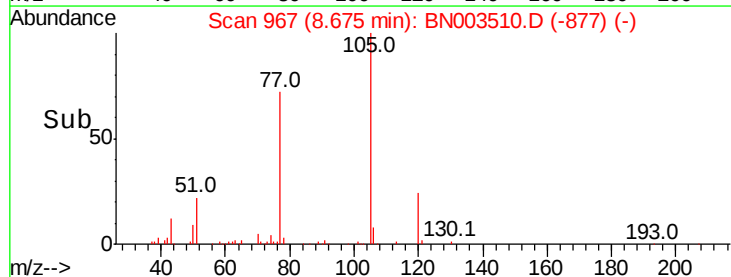
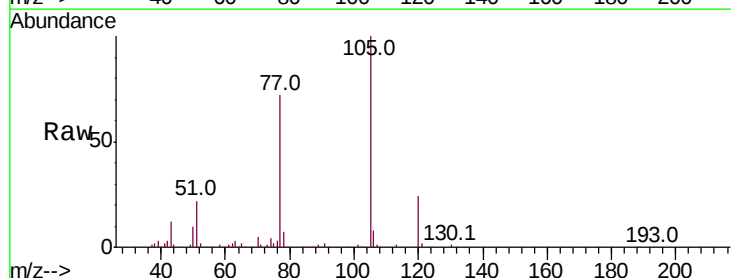
Instrument :
BNA_N
ClientSampleId :
PB114540BS

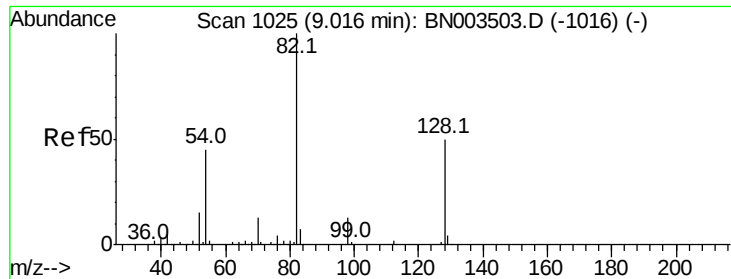
Tot Ion:	136	Resp:	373048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.7	8.5
68	6.1	4.7	7.1



#22
Acetophenone
Concen: 44.345 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	105	Resp:	377171
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	22.0	17.7	26.5
120	23.8	19.0	28.6

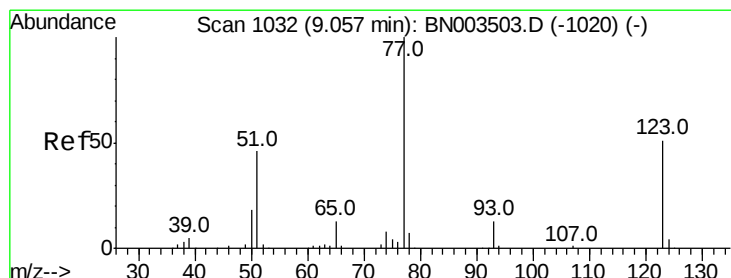
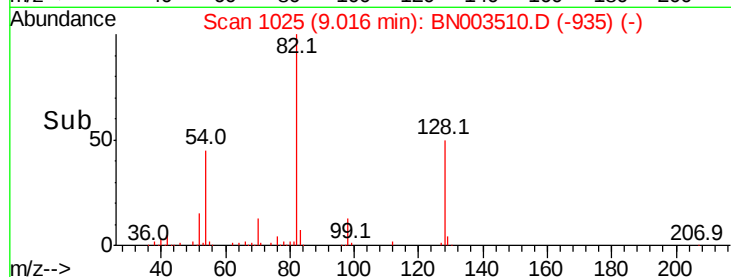
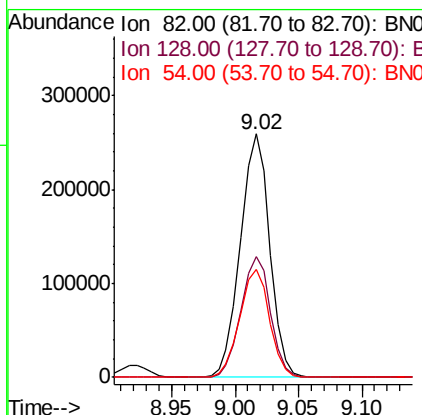
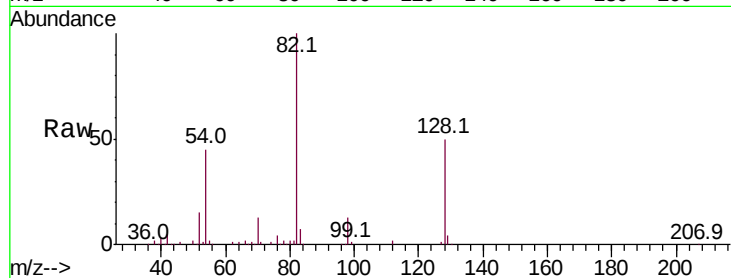




#23
Nitrobenzene-d5
Concen: 70.464 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

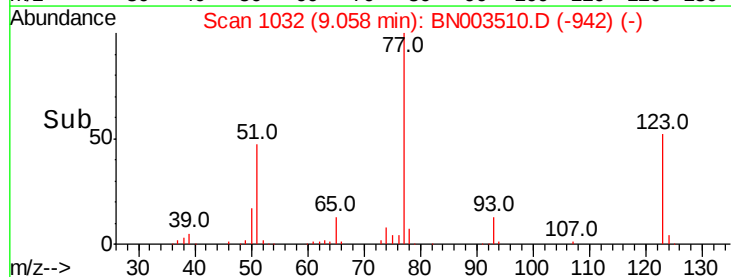
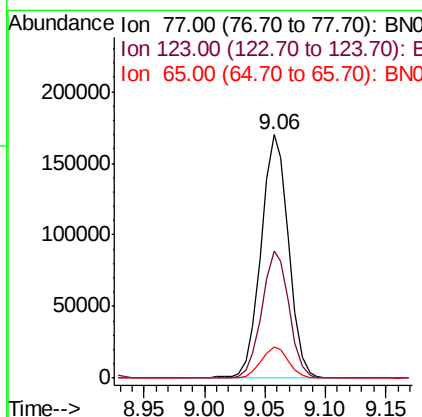
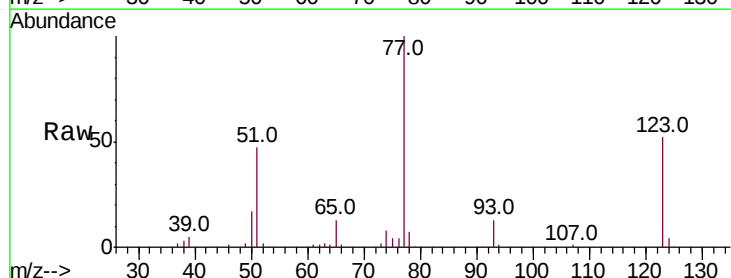
Instrument :
BNA_N
ClientSampleId :
PB114540BS

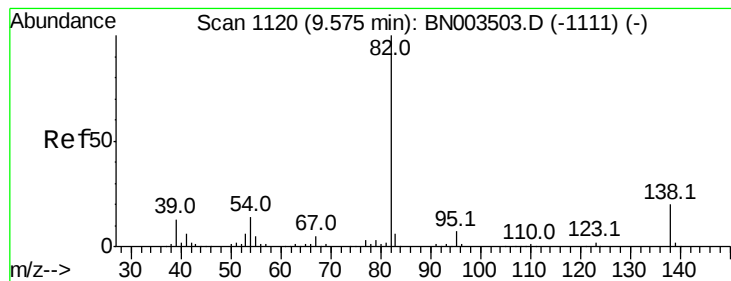
Tot Ion	82	Resp	417595
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.0	60.0
54	44.6	36.1	54.1



#24
Nitrobenzene
Concen: 44.418 ng
RT: 9.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	77	Resp	270135
Ion Ratio	Lower	Upper	
77	100		
123	52.0	41.0	61.4
65	12.8	10.3	15.5





#25

Isophorone

Concen: 49.288 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

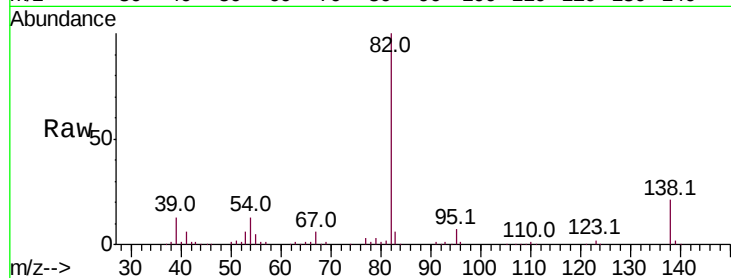
Tot Ion: 82 Resp: 505845

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

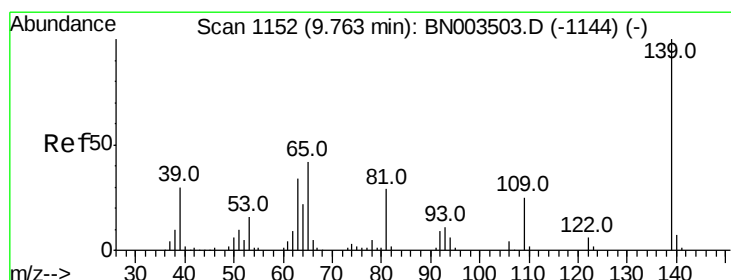
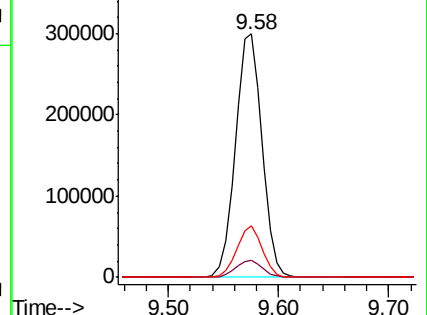
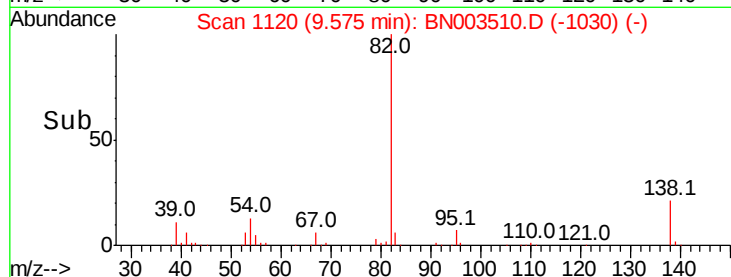
138 21.0 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BN003510.D (-1030) (-)

Ion 95.00 (94.70 to 95.70): BN003510.D (-1030) (-)

Ion 138.00 (137.70 to 138.70): BN003510.D (-1030) (-)



#26

2-Nitrophenol

Concen: 44.112 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

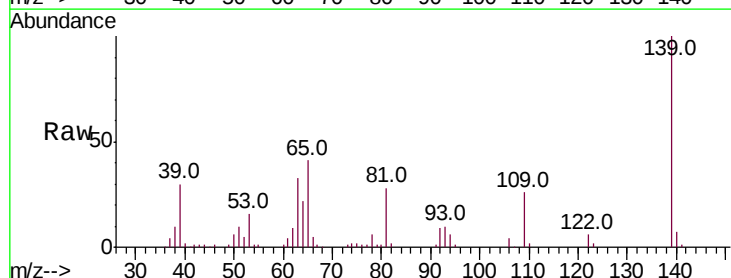
Tgt Ion: 139 Resp: 152524

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

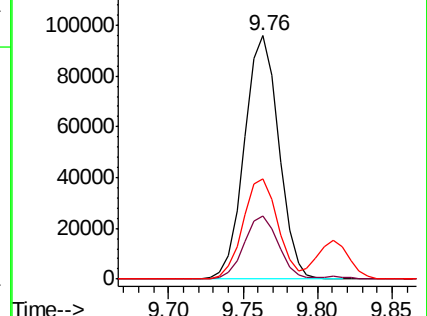
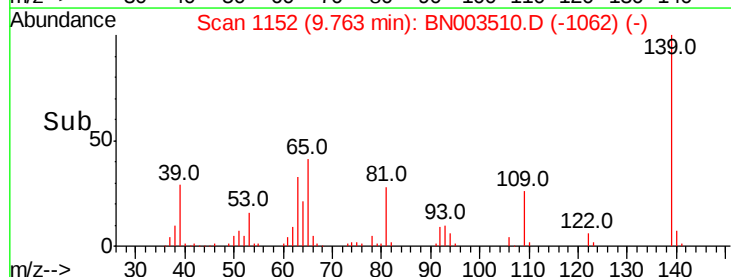
65 41.3 33.4 50.0

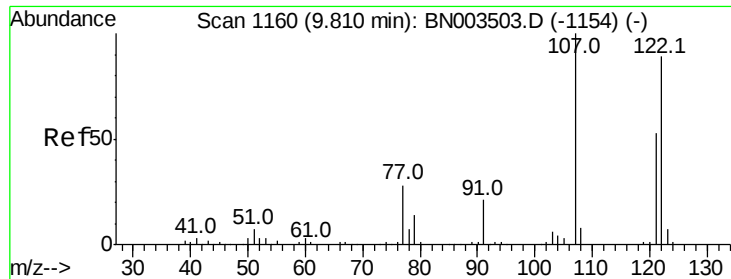


Abundance Ion 139.00 (138.70 to 139.70): BN003510.D (-1062) (-)

Ion 109.00 (108.70 to 109.70): BN003510.D (-1062) (-)

Ion 65.00 (64.70 to 65.70): BN003510.D (-1062) (-)

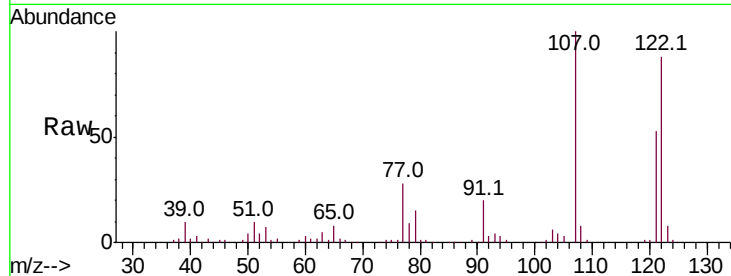




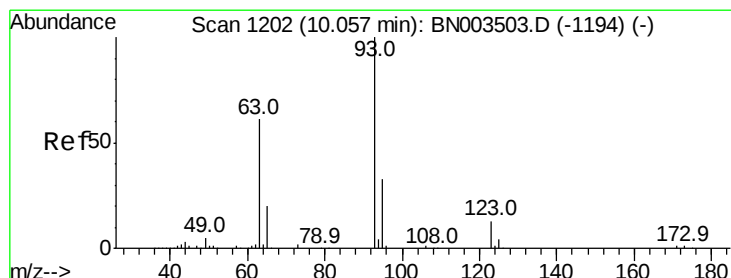
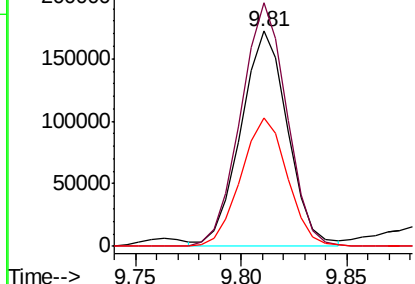
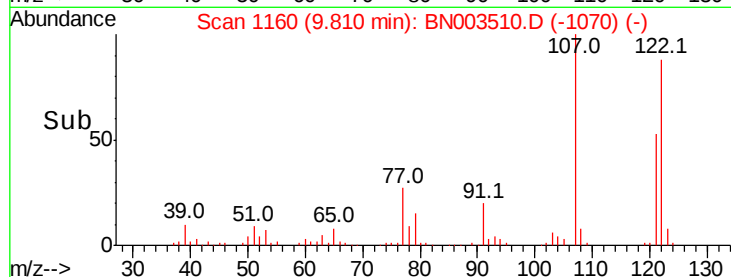
#27
 2,4-Dimethylphenol
 Concen: 53.768 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion:122 Resp: 265727
 Ion Ratio Lower Upper
 122 100
 107 113.0 88.6 132.8
 121 59.9 47.1 70.7

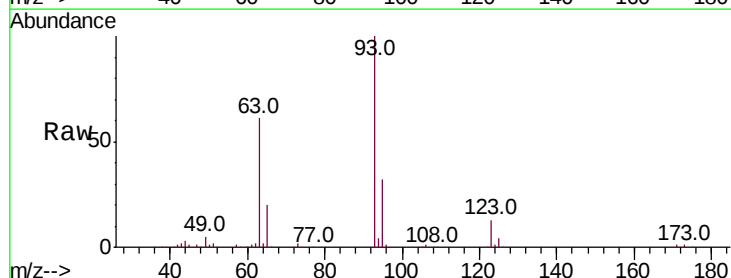


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

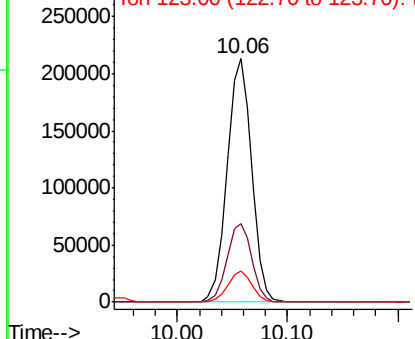
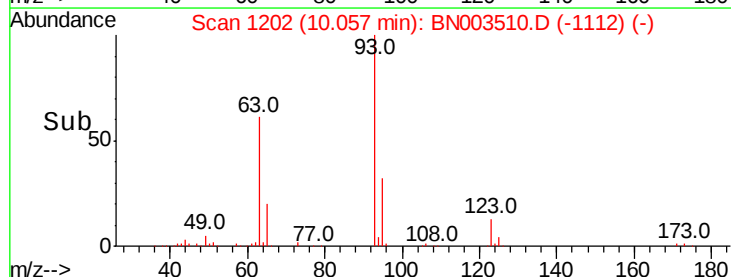


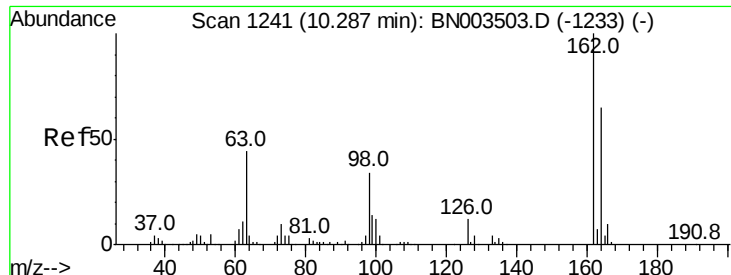
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.390 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 93 Resp: 331477
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 12.7 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BNC
 Ion 95.00 (94.70 to 95.70): BNC
 Ion 123.00 (122.70 to 123.70): E

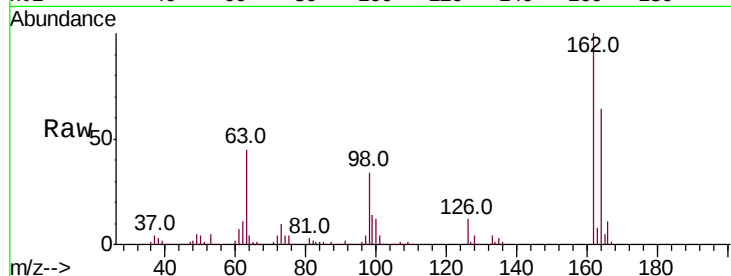




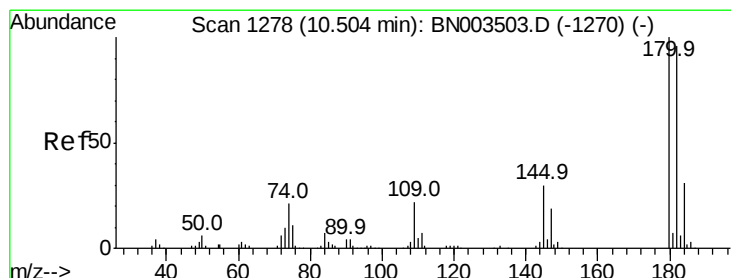
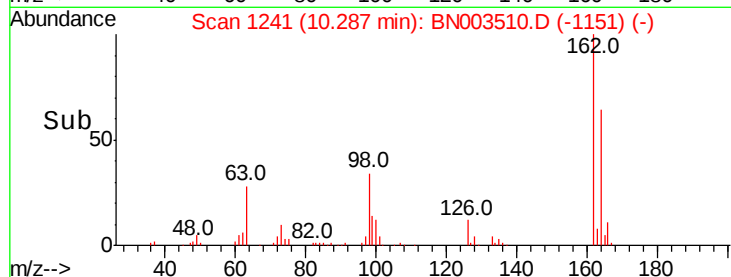
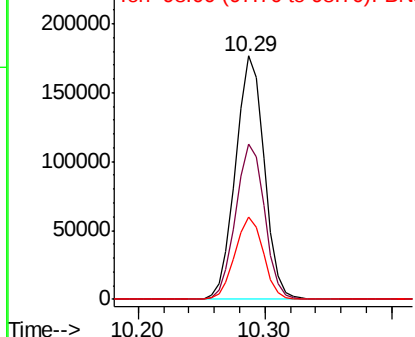
#29
2,4-Dichlorophenol
Concen: 47.599 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	33.8	13.5	53.5

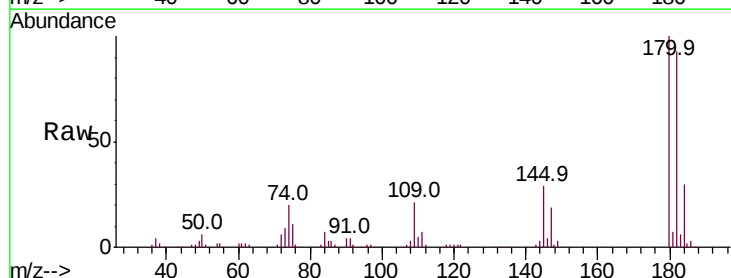


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

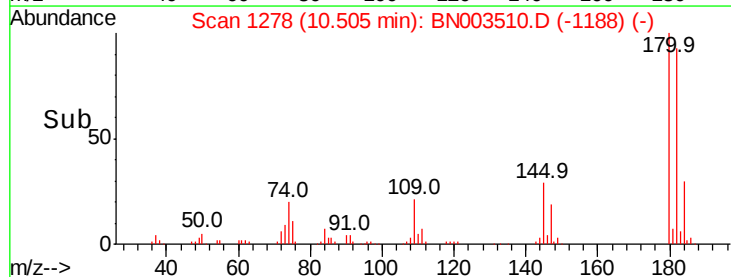
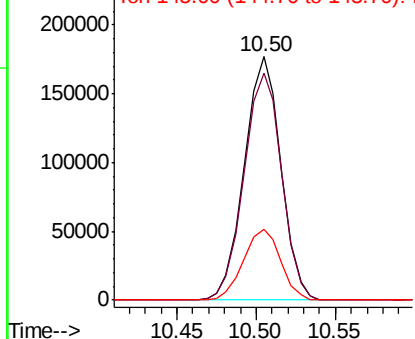


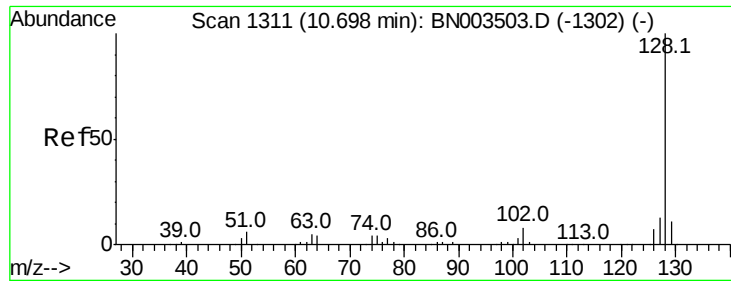
#30
1,2,4-Trichlorobenzene
Concen: 42.765 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.6	115.0
145	29.3	23.9	35.9



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

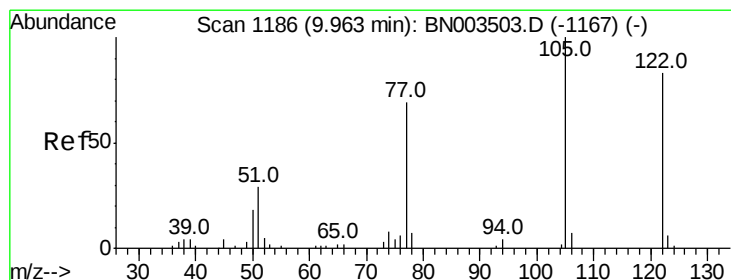
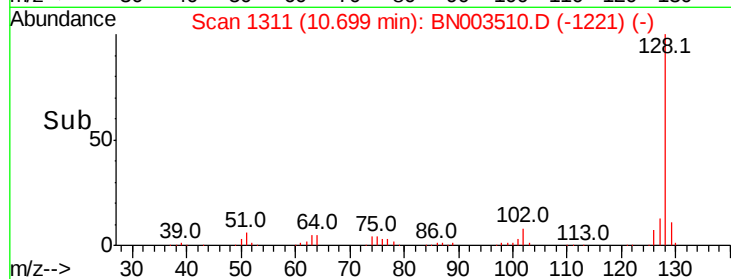
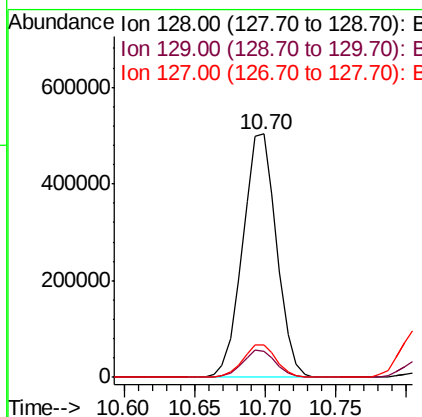
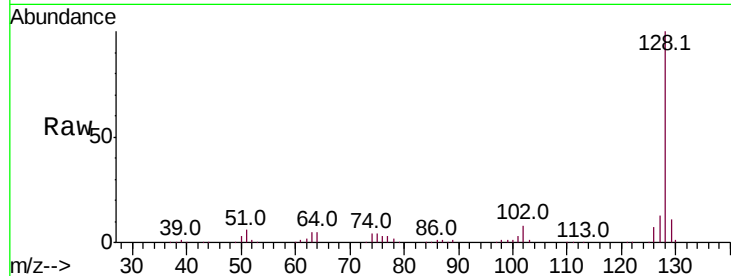




#31
Naphthalene
Concen: 46.539 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

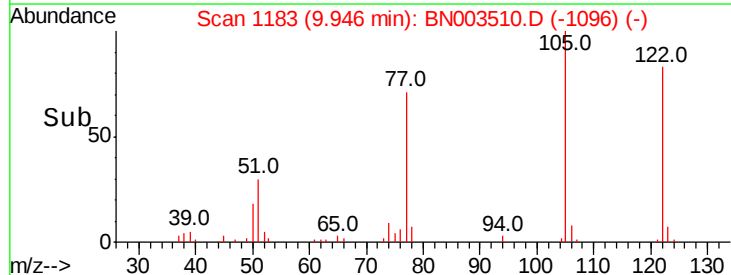
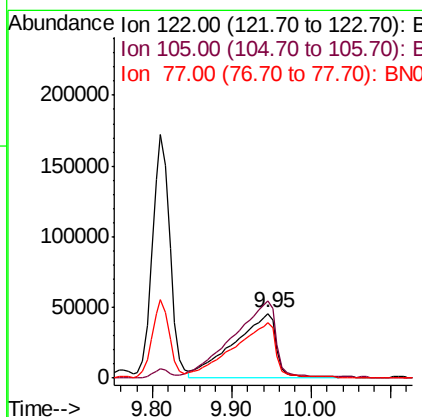
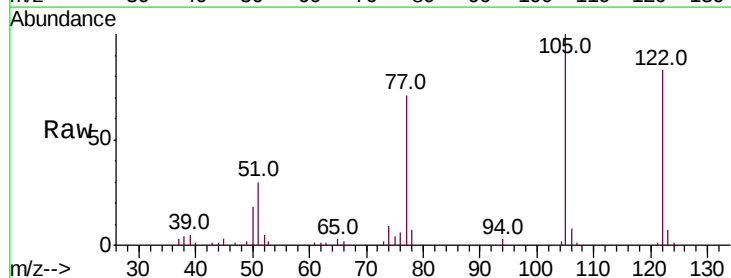
Instrument :
BNA_N
ClientSampleId :
PB114540BS

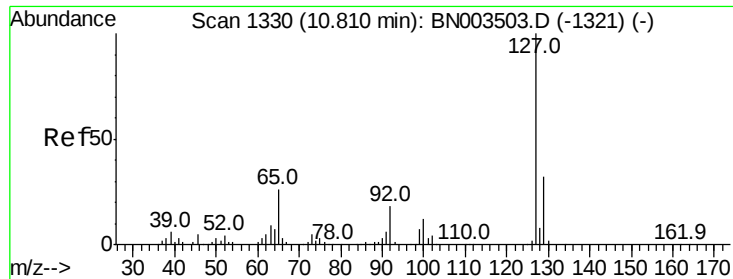
Tot Ion:128 Resp: 845093
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 38.280 ng
RT: 9.95 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:122 Resp: 168534
Ion Ratio Lower Upper
122 100
105 120.6 98.4 138.4
77 85.1 62.2 102.2

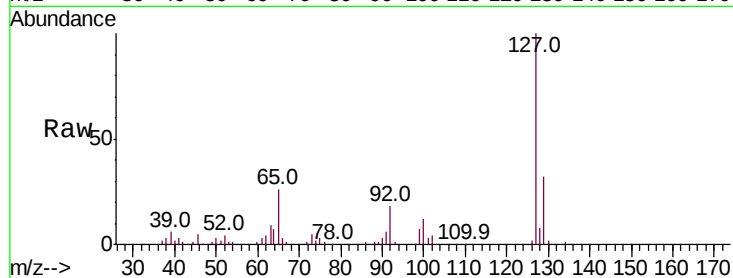




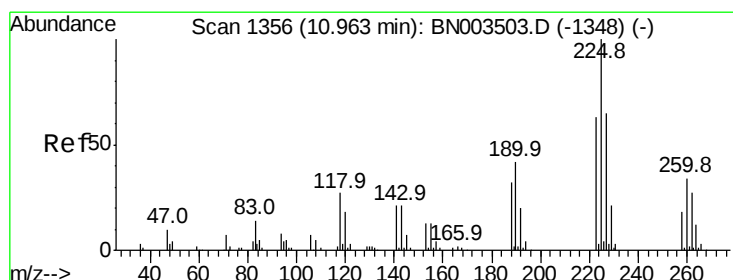
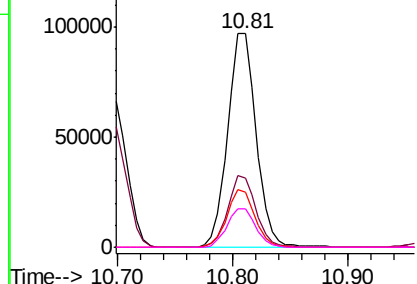
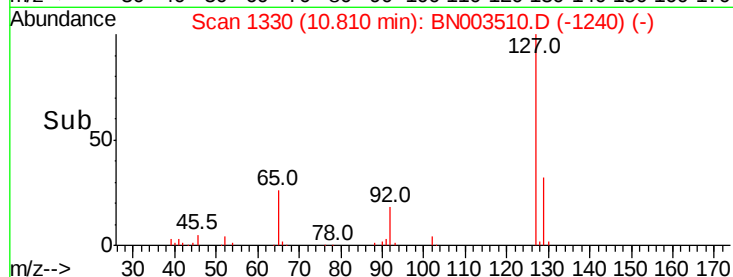
#33
4-Chloroaniline
Concen: 20.505 ng
RT: 10.81 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampled :
PB114540BS

Tot Ion:	127	Resp:	166138
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	26.0	21.2	31.8
92	17.9	14.6	22.0

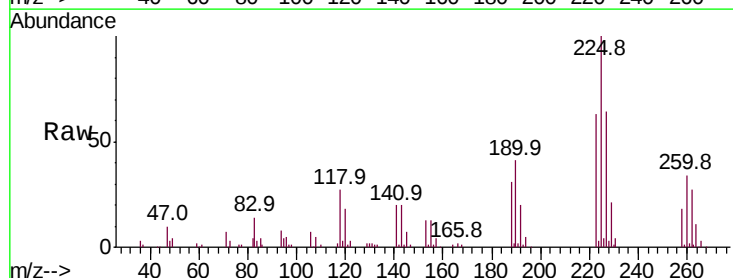


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

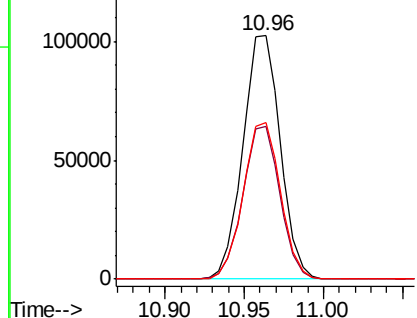
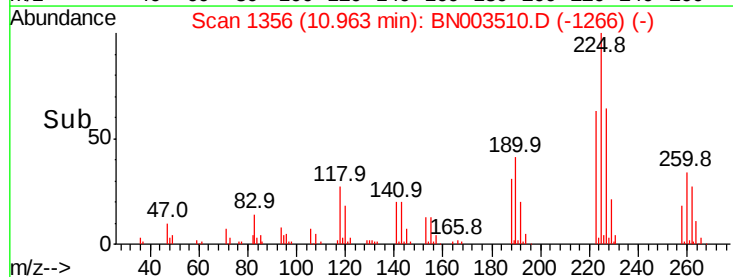


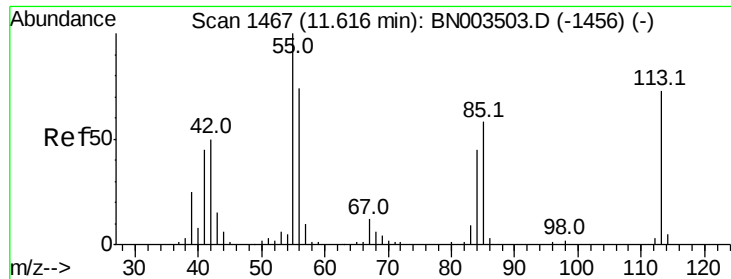
#34
Hexachlorobutadiene
Concen: 42.338 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	225	Resp:	168029
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.3	52.0	78.0



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





#35

Caprolactam

Concen: 39.152 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

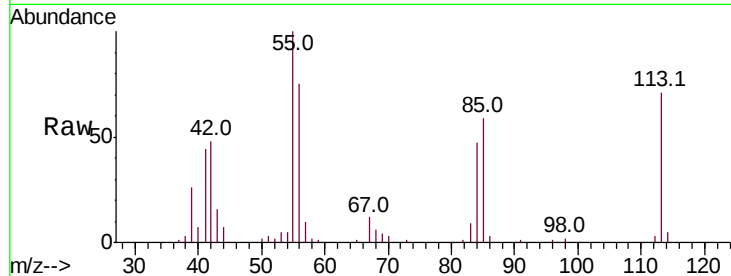
Tot Ion:113 Resp: 80284

Ion Ratio Lower Upper

113 100

55 141.5 117.0 157.0

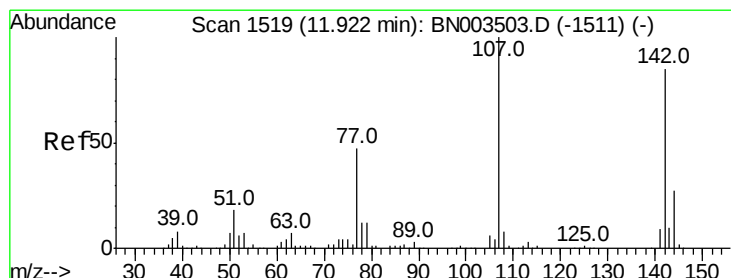
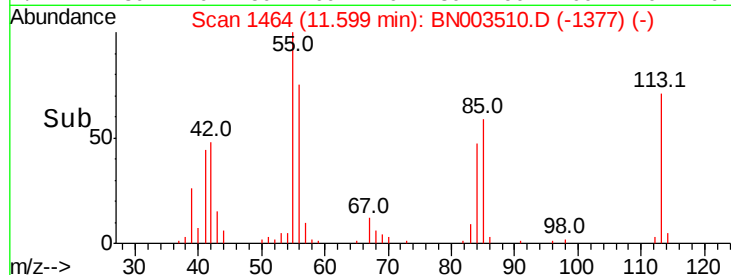
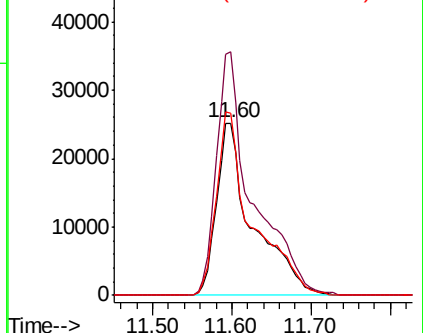
56 105.9 82.0 122.0



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: 43.727 ng

RT: 11.92 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

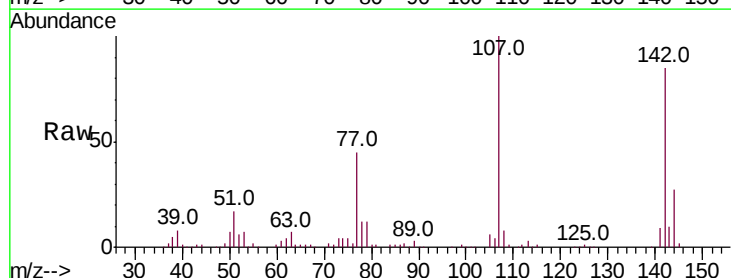
Tgt Ion:107 Resp: 269362

Ion Ratio Lower Upper

107 100

144 27.4 22.0 33.0

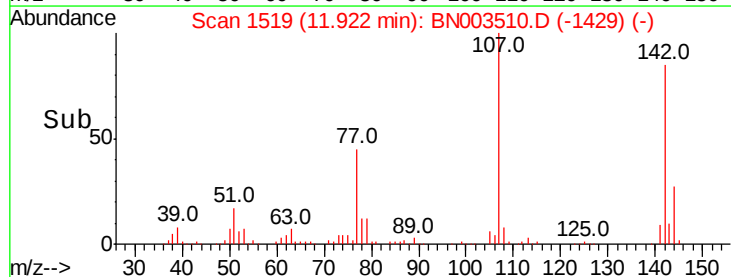
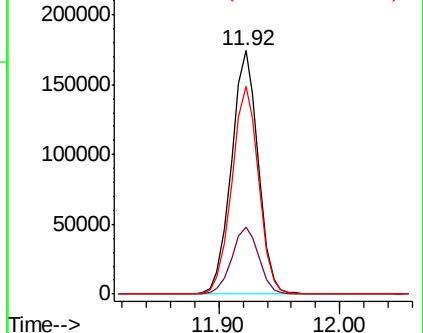
142 85.1 68.0 102.0

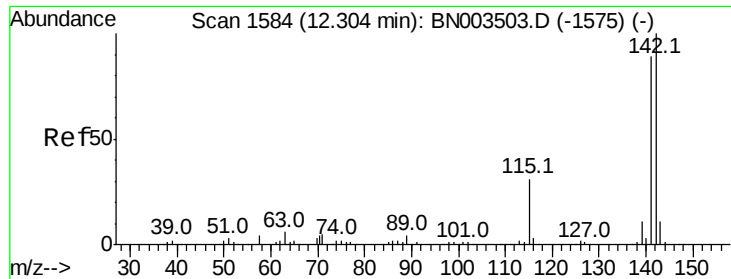


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

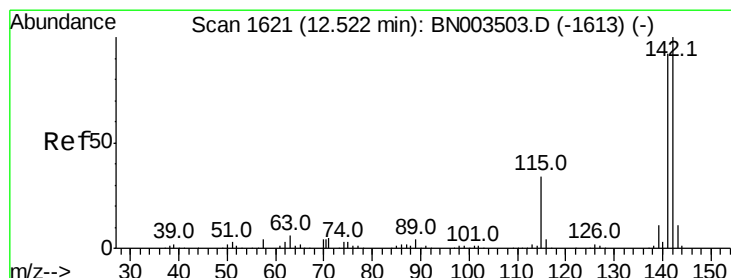
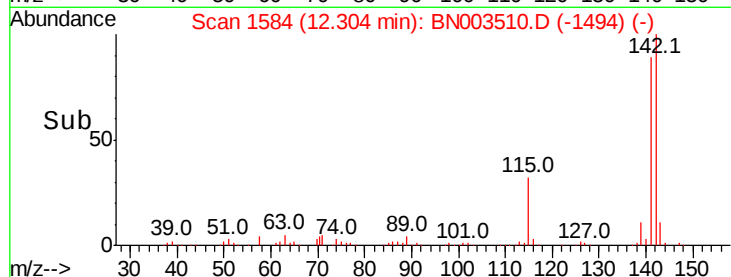
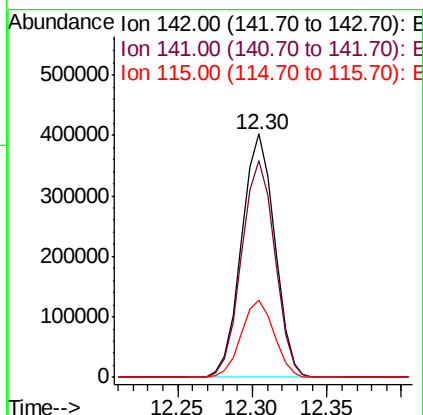
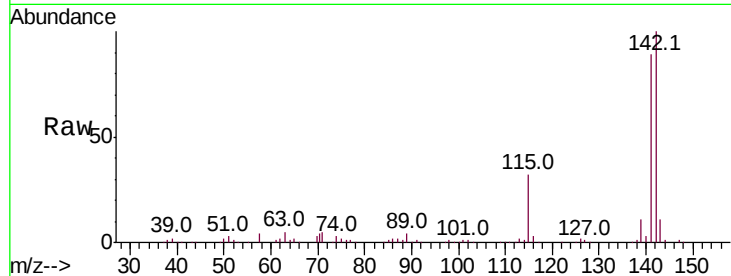




#37
2-Methylnaphthalene
Concen: 47.878 ng
RT: 12.30 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

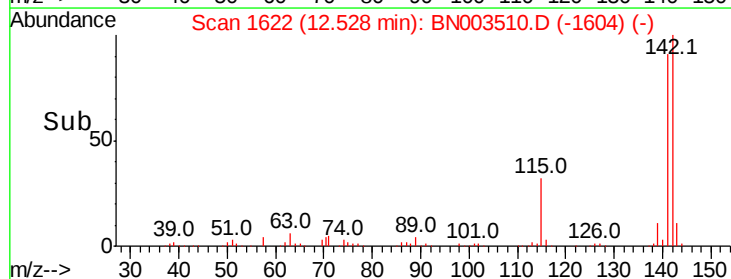
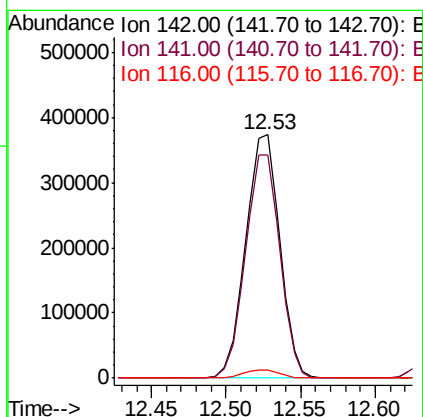
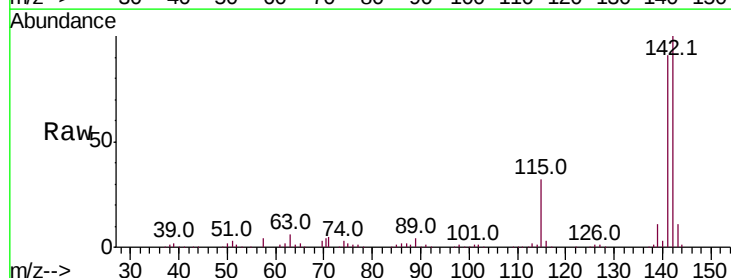
Instrument :
BNA_N
ClientSampleId :
PB114540BS

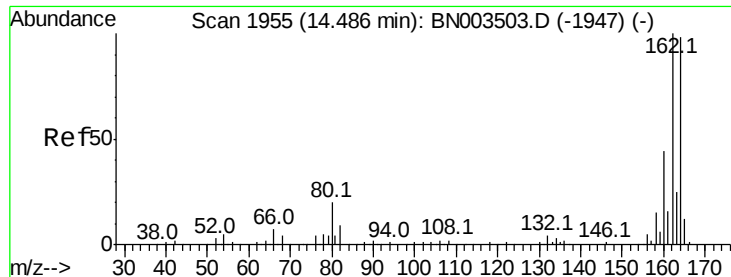
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	31.9	25.1	37.7



#38
1-Methylnaphthalene
Concen: 46.913 ng
RT: 12.53 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.9	110.9
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

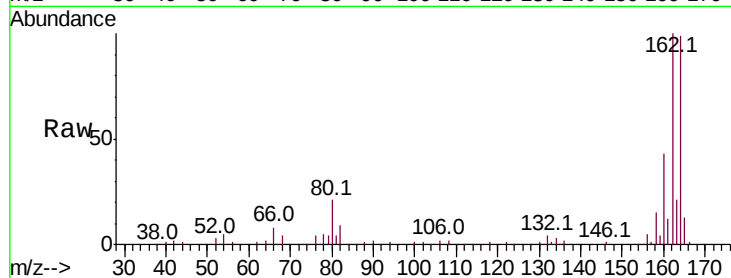
Tot Ion:164 Resp: 209716

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

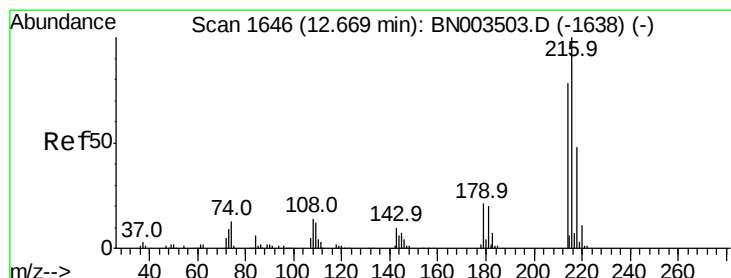
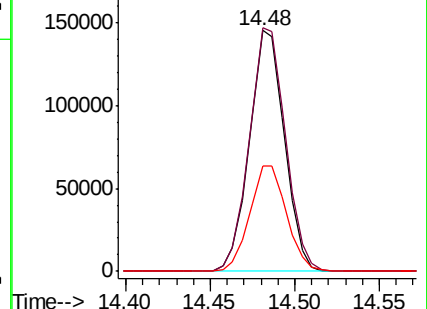
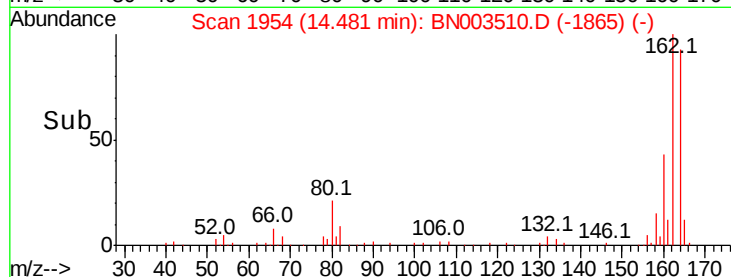
160 43.6 36.2 54.2



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: 43.188 ng

RT: 12.67 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:216 Resp: 325570

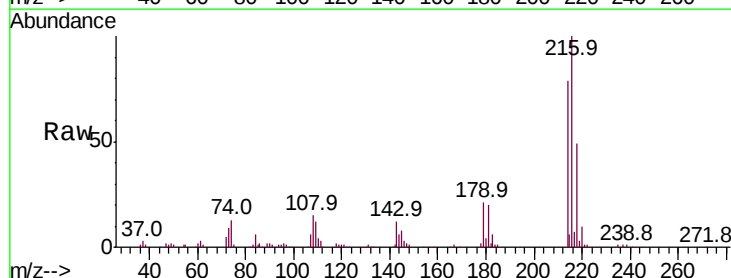
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.5 16.5 24.7

108 18.2 12.8 19.2

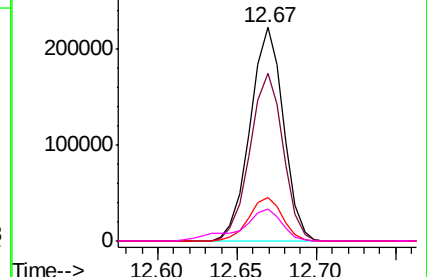
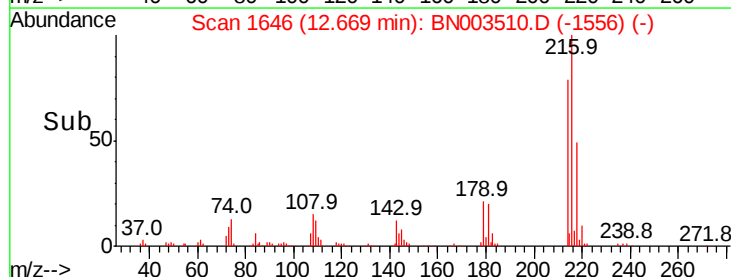


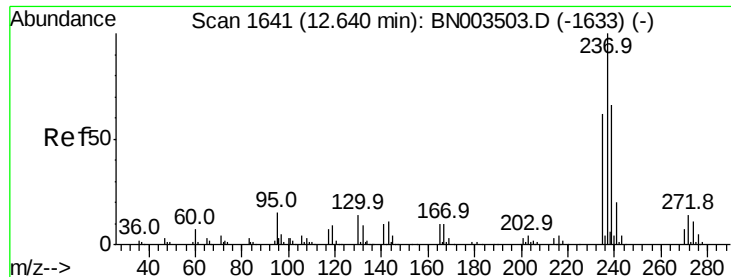
Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.350 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

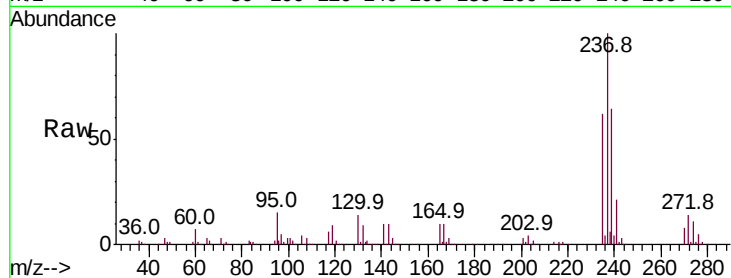
Tot Ion:237 Resp: 454974

Ion Ratio Lower Upper

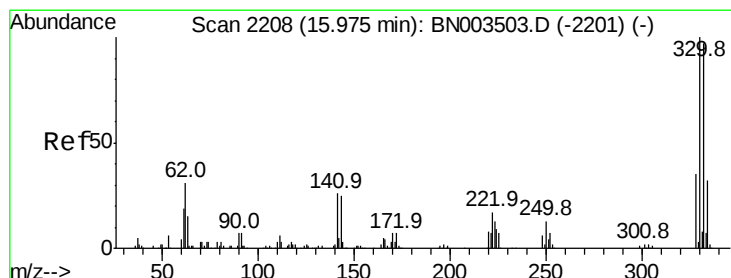
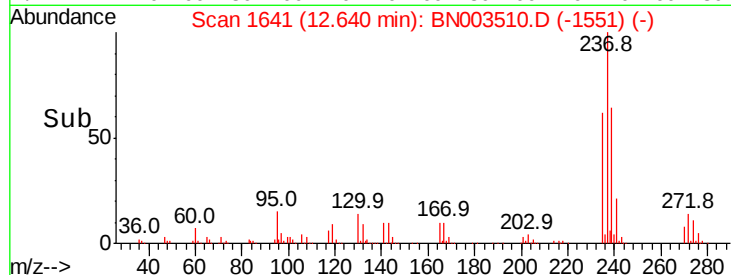
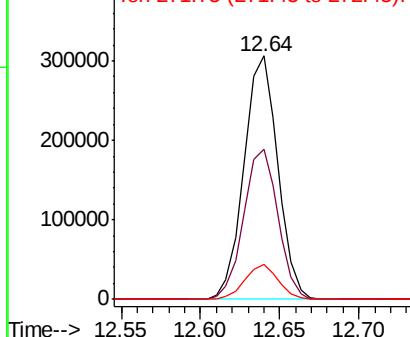
237 100

235 61.9 41.8 81.8

272 14.3 0.0 34.1



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: 129.944 ng

RT: 15.97 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

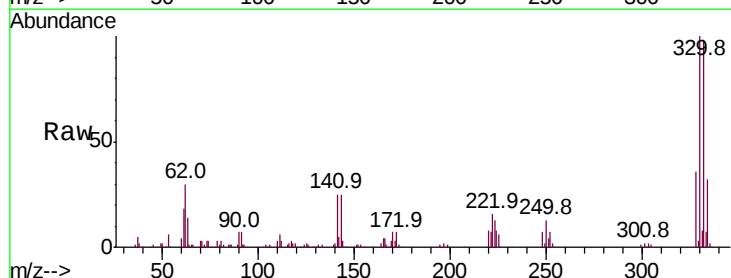
Tgt Ion:330 Resp: 406249

Ion Ratio Lower Upper

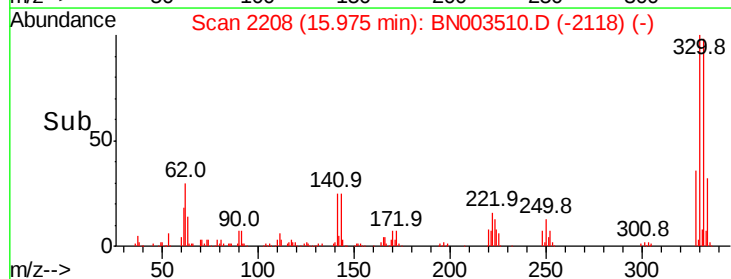
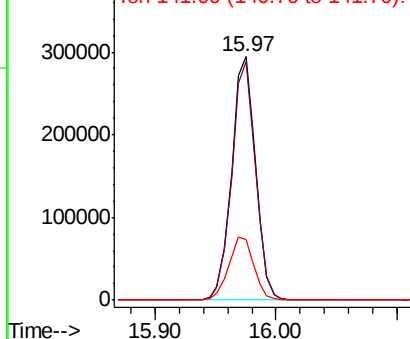
330 100

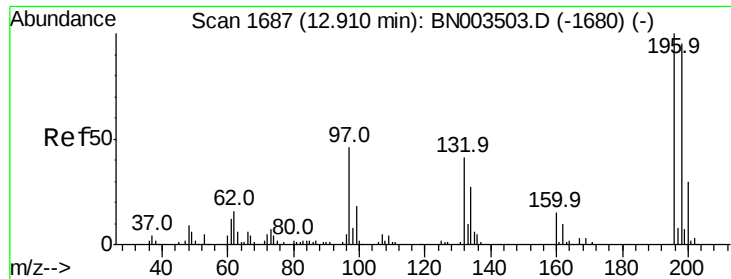
332 97.3 76.8 115.2

141 27.1 21.6 32.4



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

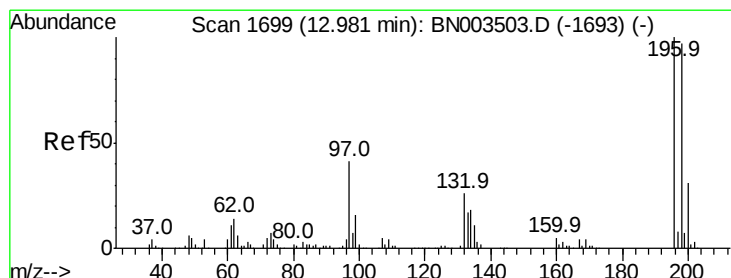
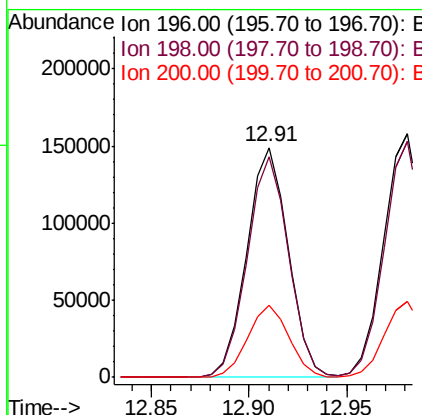
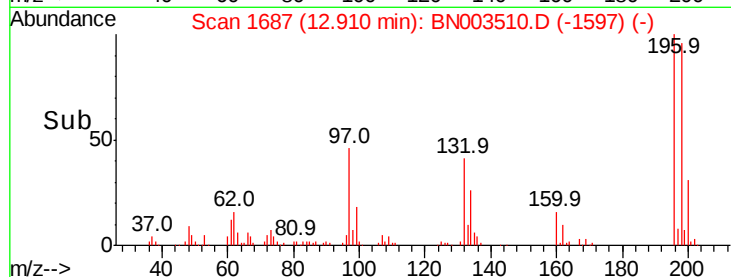
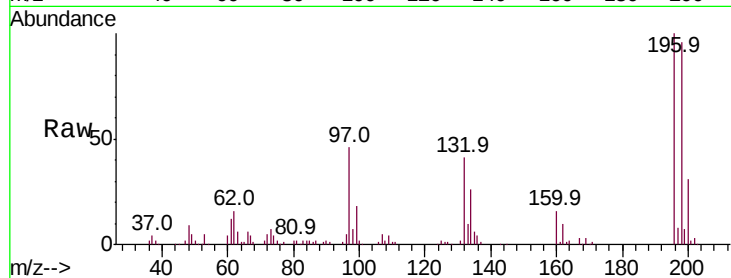




#43
 2,4,6-Trichlorophenol
 Concen: 46.849 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

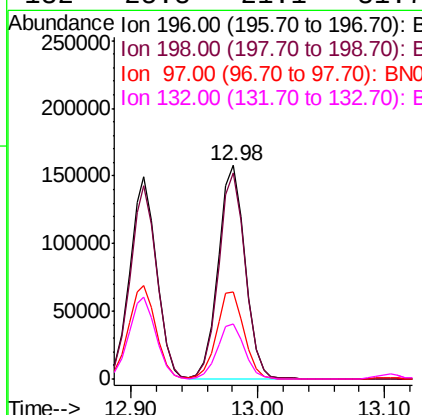
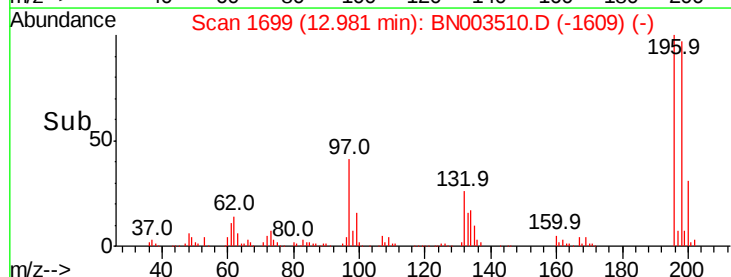
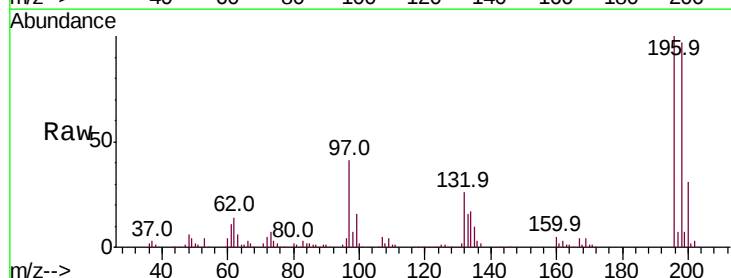
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

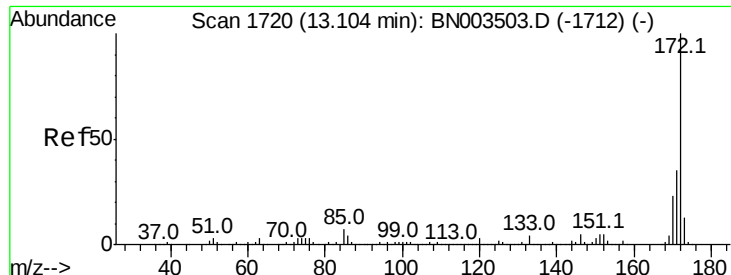
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.1	114.1
200	31.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.729 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.6	116.4
97	40.6	33.0	49.4
132	25.8	21.1	31.7



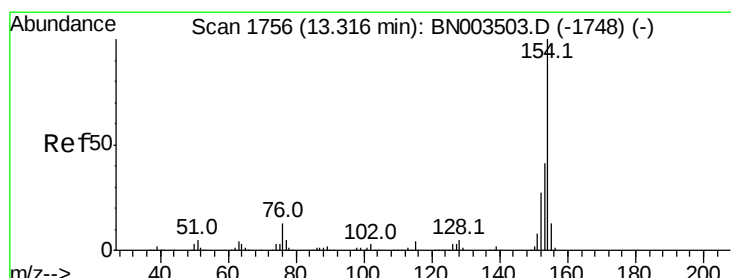
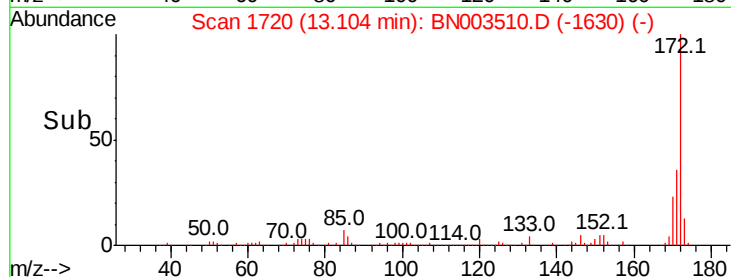
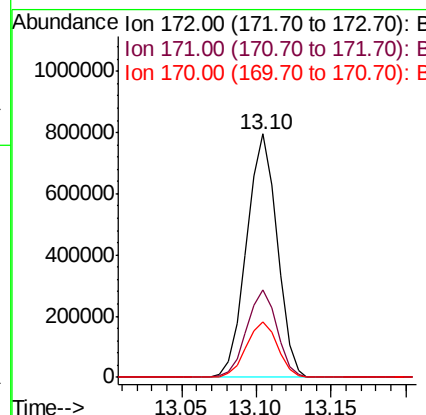
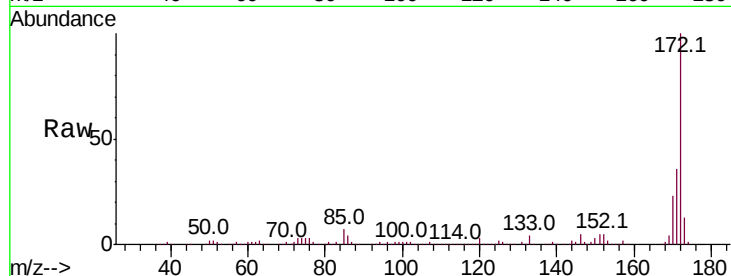


#45
 2-Fluorobiphenyl
 Concen: 71.726 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion:172 Resp: 1126951

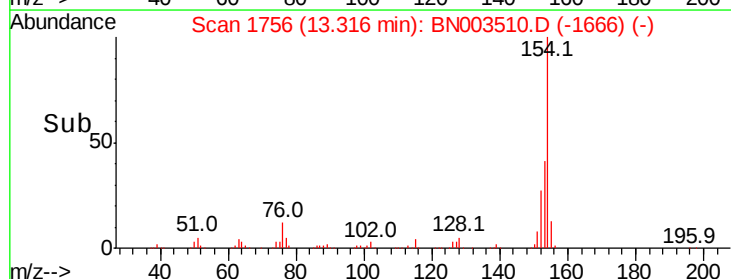
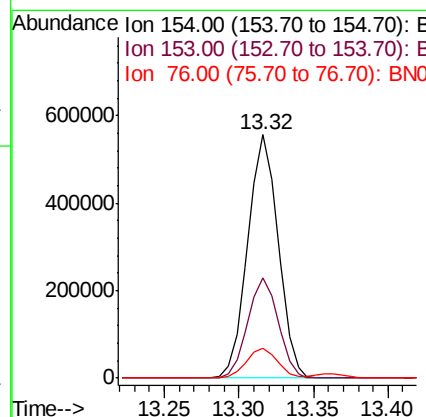
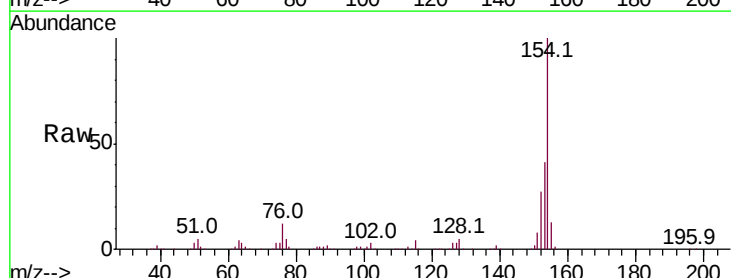
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.0	18.7	28.1

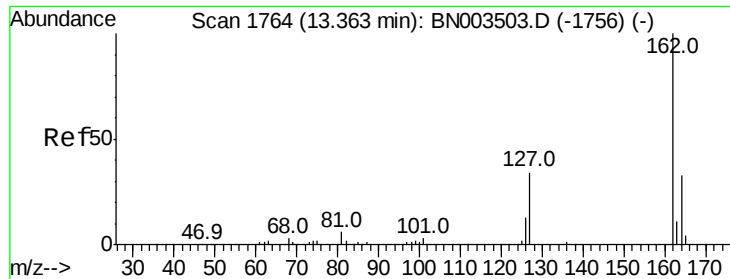


#46
 1,1'-Biphenyl
 Concen: 42.241 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:154 Resp: 784588

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	12.4	0.0	32.5

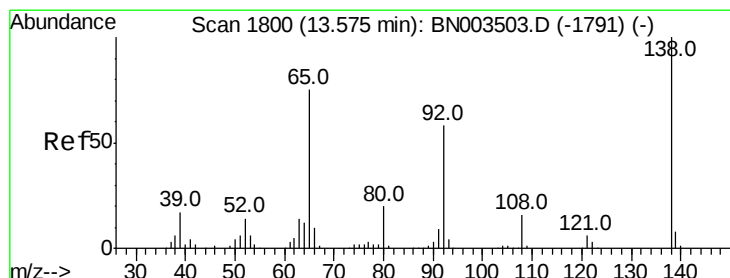
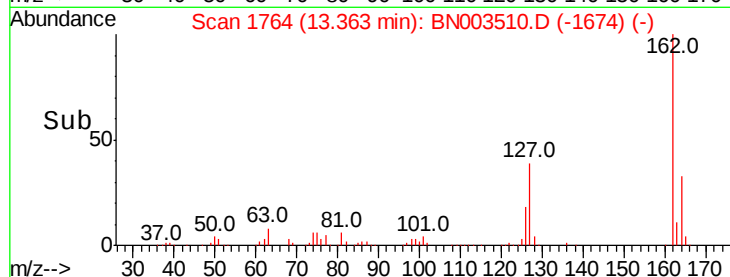
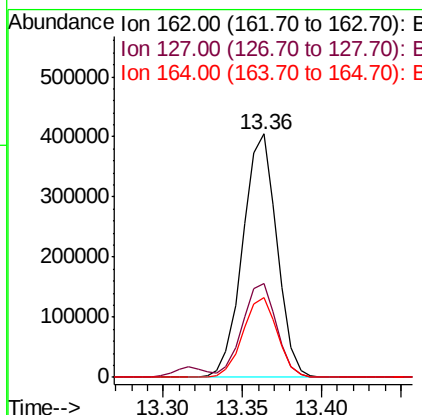
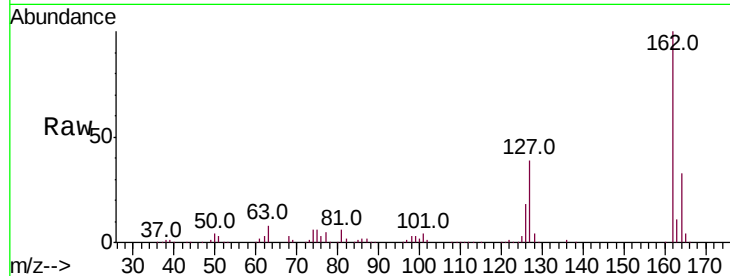




#47
 2-Chloronaphthalene
 Concen: 43.314 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

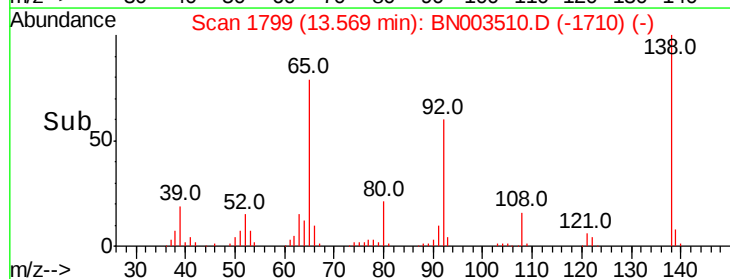
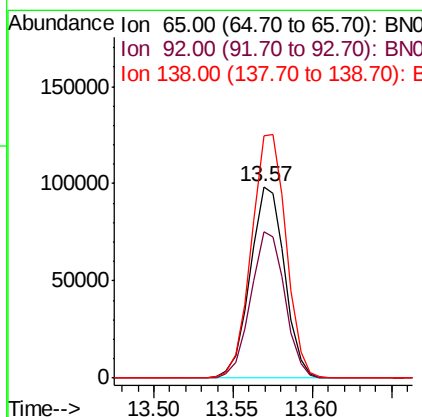
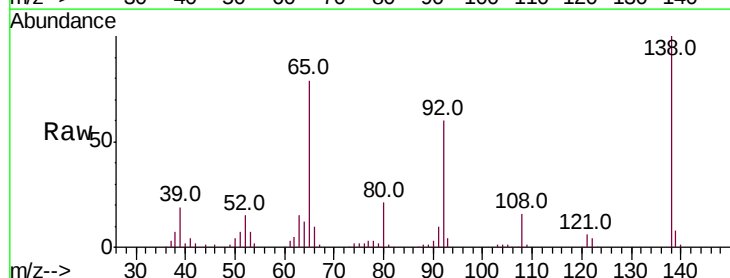
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

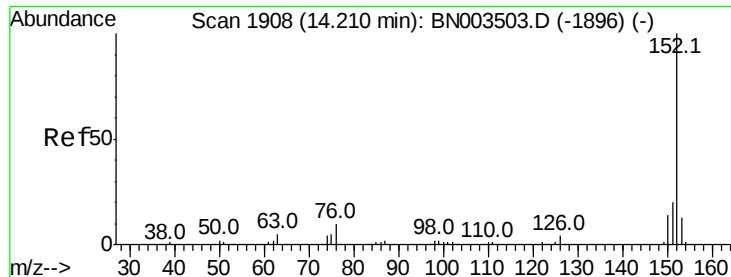
Tot Ion:162 Resp: 605309
 Ion Ratio Lower Upper
 162 100
 127 38.5 30.7 46.1
 164 32.7 26.1 39.1



#48
 2-Nitroaniline
 Concen: 42.689 ng
 RT: 13.57 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 65 Resp: 148644
 Ion Ratio Lower Upper
 65 100
 92 76.4 61.4 92.0
 138 126.6 106.8 160.2





#49

Acenaphthylene

Concen: 47.626 ng

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

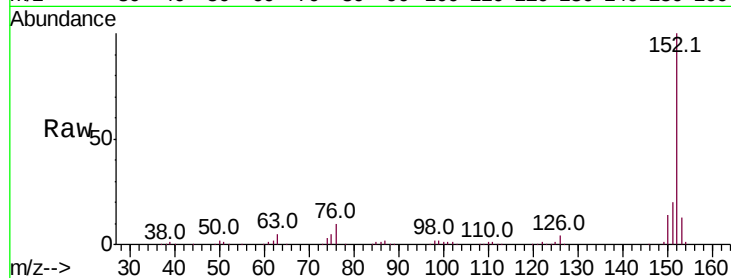
Tot Ion:152 Resp: 981893

Ion Ratio Lower Upper

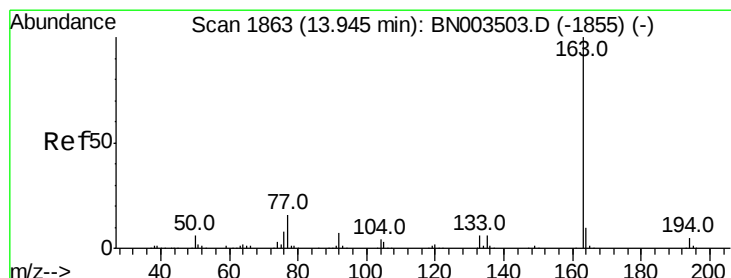
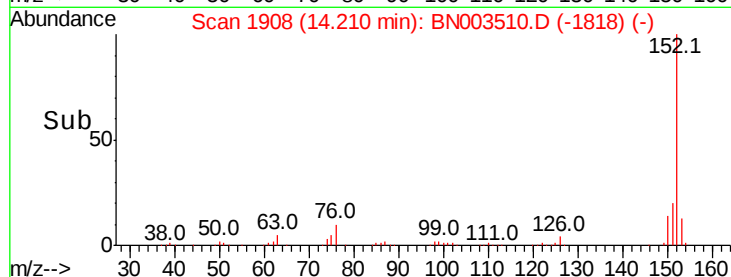
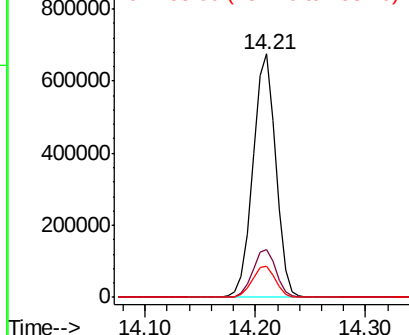
152 100

151 19.8 16.1 24.1

153 13.0 10.7 16.1



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: 45.396 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

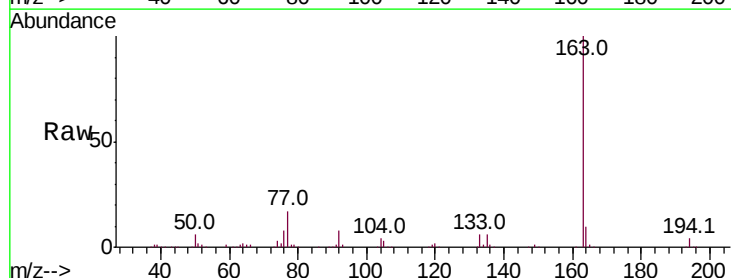
Tgt Ion:163 Resp: 745822

Ion Ratio Lower Upper

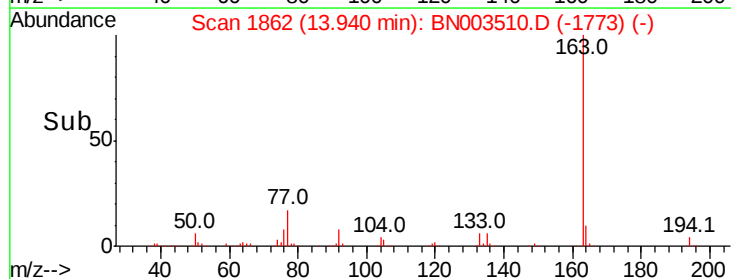
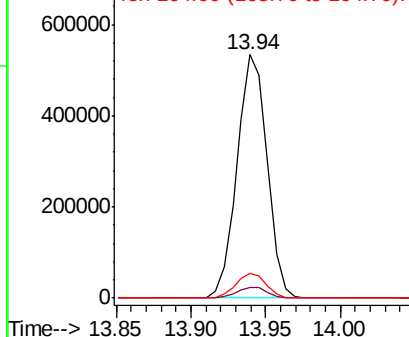
163 100

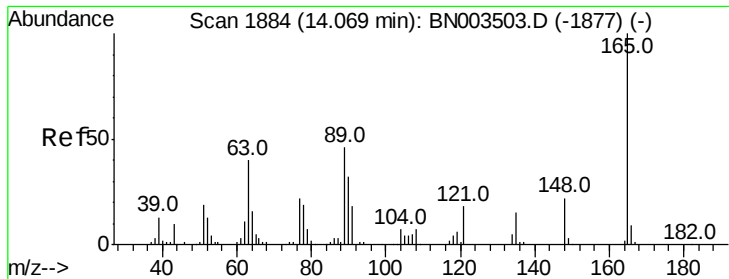
194 4.5 3.6 5.4

164 10.2 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

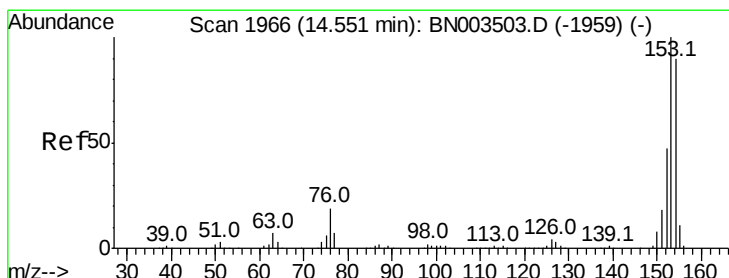
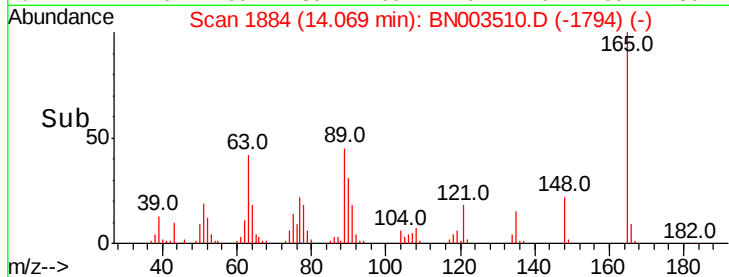
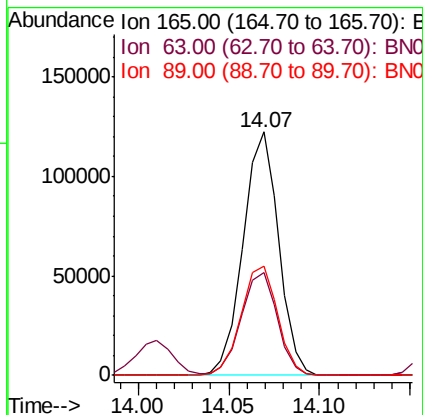
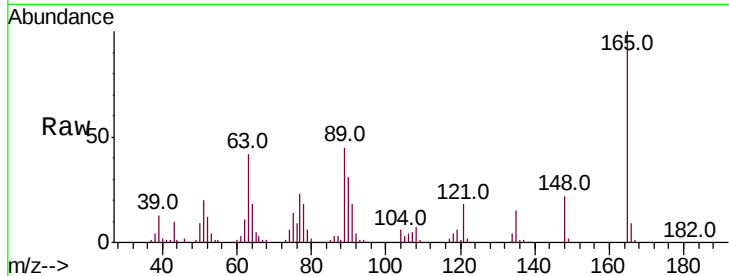




#51
 2,6-Dinitrotoluene
 Concen: 43.366 ng
 RT: 14.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

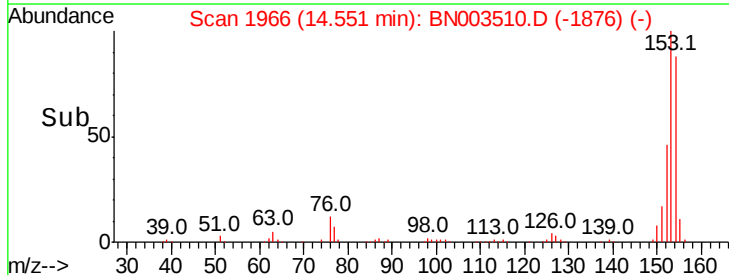
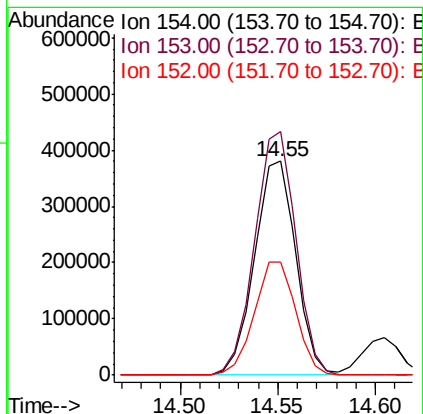
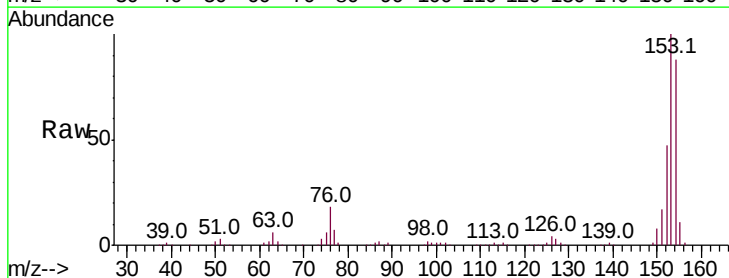
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

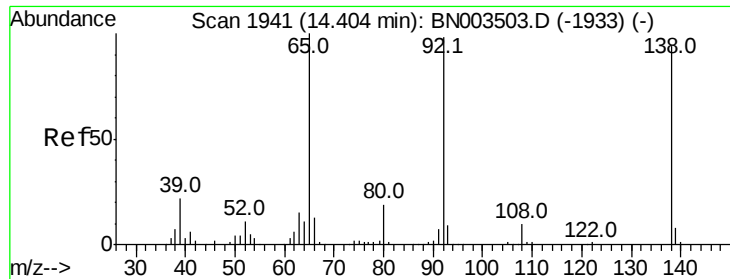
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	34.3	51.5
89	44.7	36.7	55.1



#52
 Acenaphthene
 Concen: 44.648 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.9	133.3
152	53.1	42.1	63.1

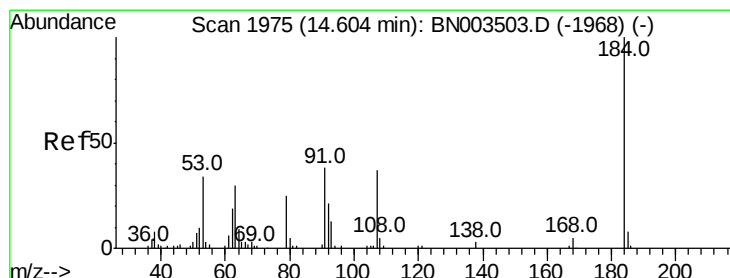
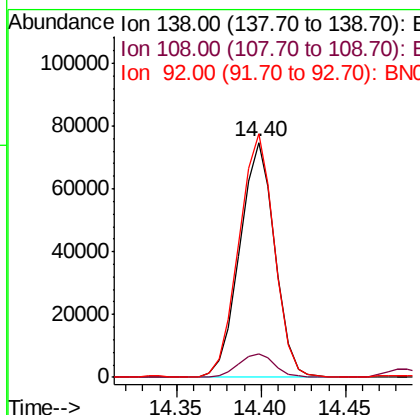
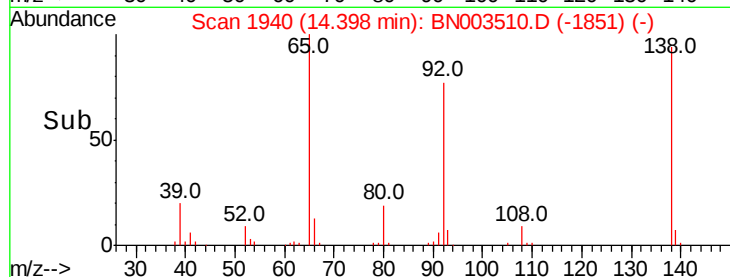
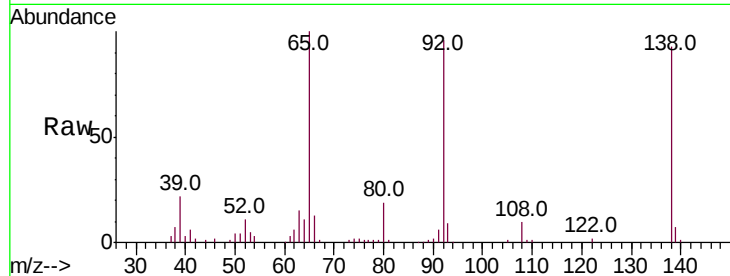




#53
3-Nitroaniline
Concen: 26.314 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

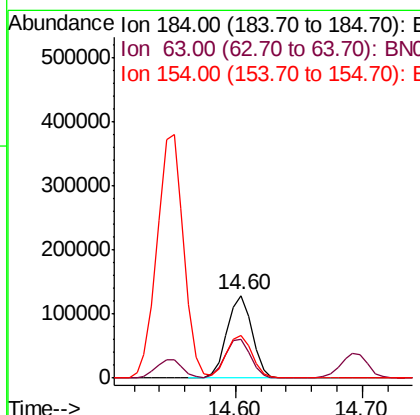
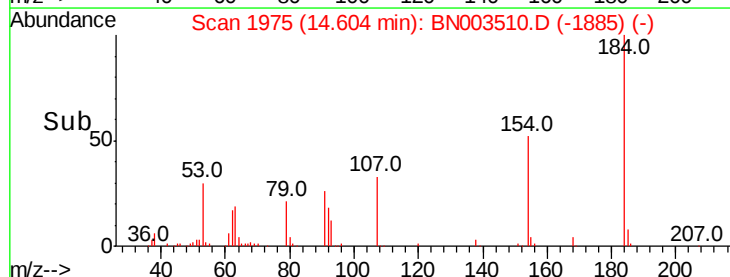
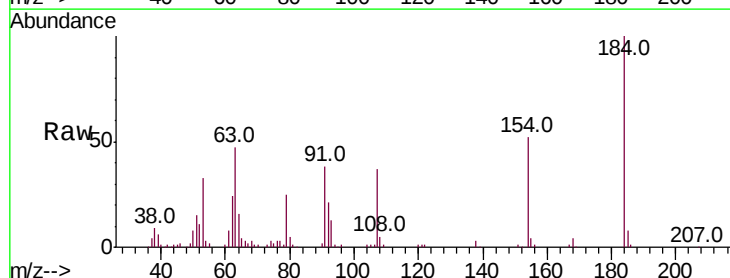
Instrument :
BNA_N
ClientSampleId :
PB114540BS

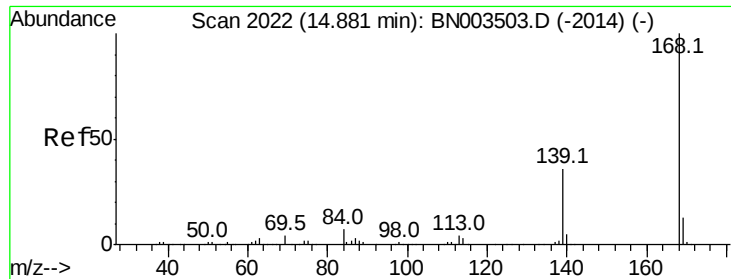
Tot Ion:138 Resp: 107878
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 103.7 83.5 125.3



#54
2,4-Dinitrophenol
Concen: 83.492 ng
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:184 Resp: 177046
Ion Ratio Lower Upper
184 100
63 46.7 37.8 56.8
154 52.0 41.9 62.9





#55

Dibenzenofuran

Concen: 43.529 ng

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

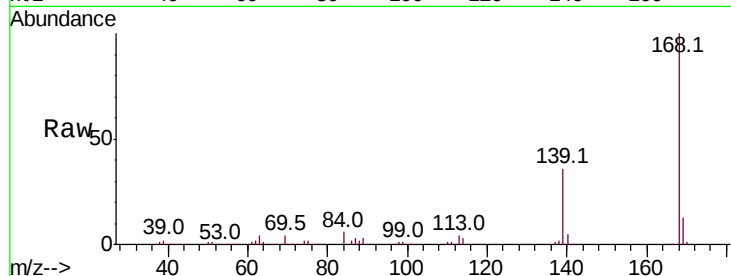
Tot Ion:168 Resp: 896583

Ion Ratio Lower Upper

168 100

139 35.6 28.7 43.1

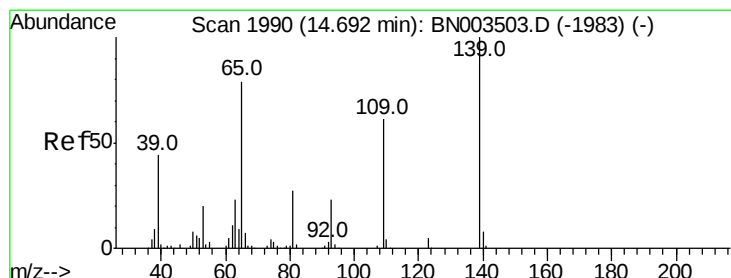
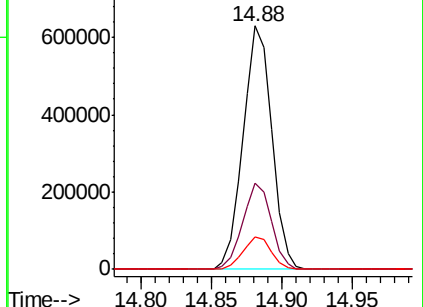
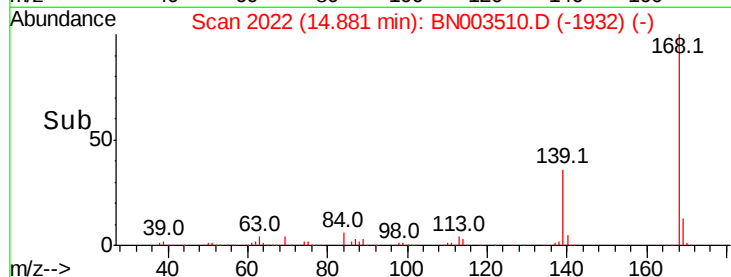
169 13.3 10.8 16.2



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: 83.345 ng

RT: 14.70 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

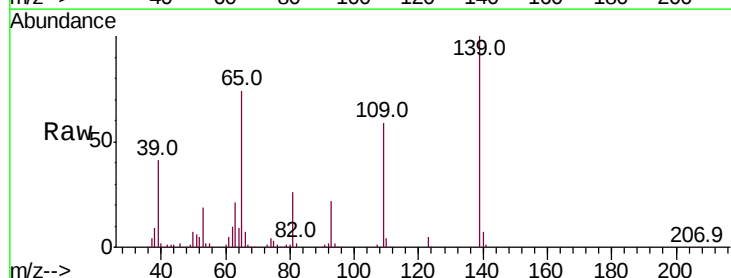
Tgt Ion:139 Resp: 261065

Ion Ratio Lower Upper

139 100

109 59.3 40.9 80.9

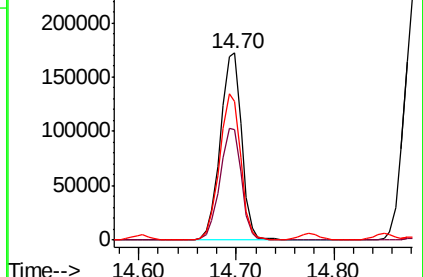
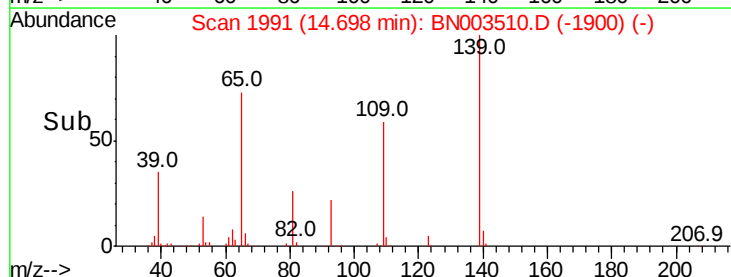
65 74.3 59.4 99.4

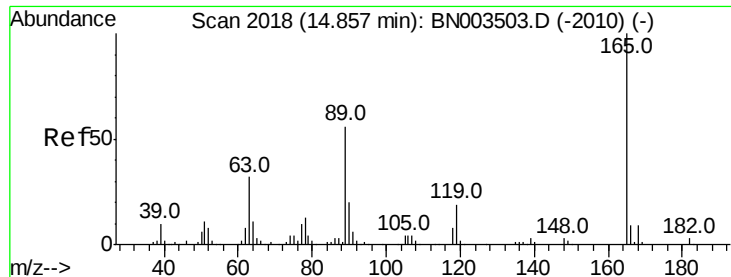


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

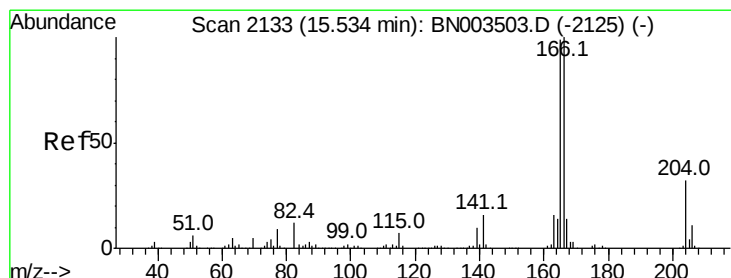
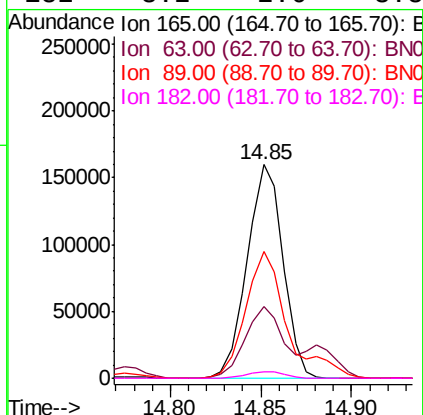
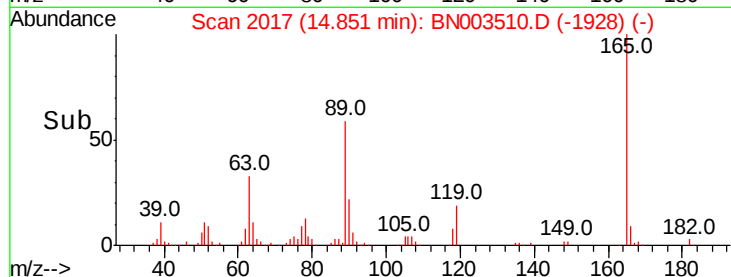
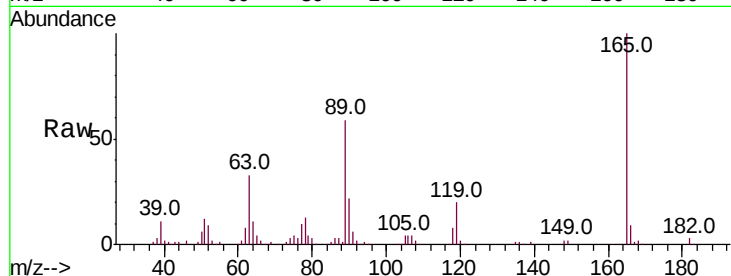




#57
 2,4-Dinitrotoluene
 Concen: 42.377 ng
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

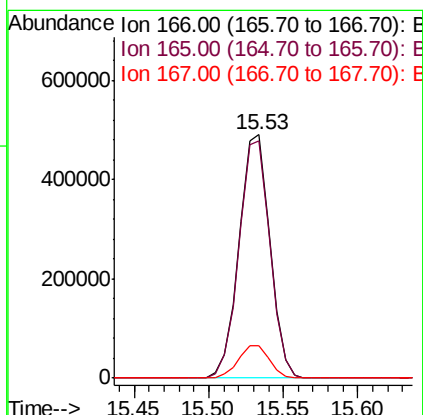
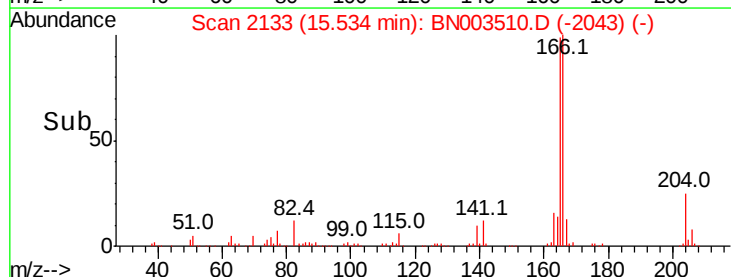
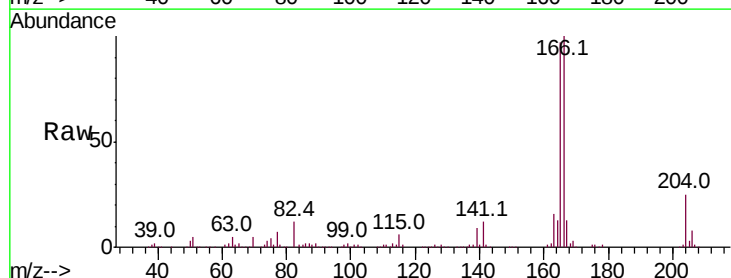
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

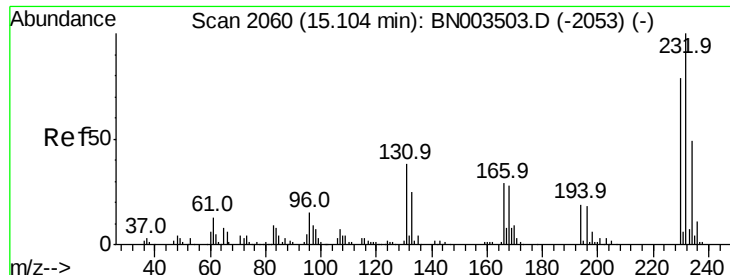
Tot Ion:165	Resp:	219656
Ion	Ratio	Lower Upper
165	100	
63	33.5	25.4 38.2
89	59.5	44.7 67.1
182	3.2	2.6 3.8



#58
 Fluorene
 Concen: 46.221 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:166	Resp:	703467
Ion	Ratio	Lower Upper
166	100	
165	97.3	78.8 118.2
167	13.3	11.0 16.4

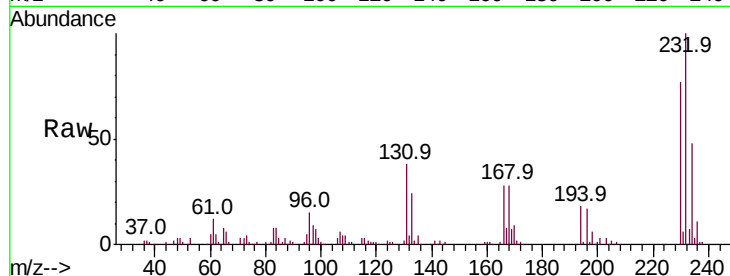




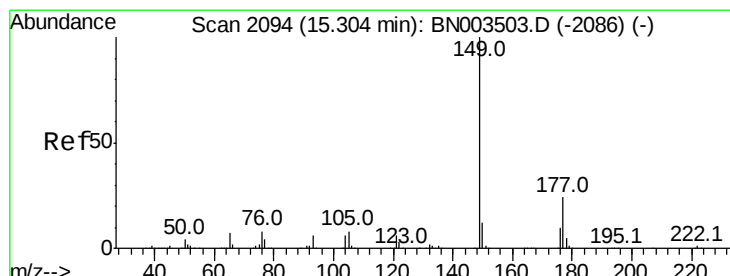
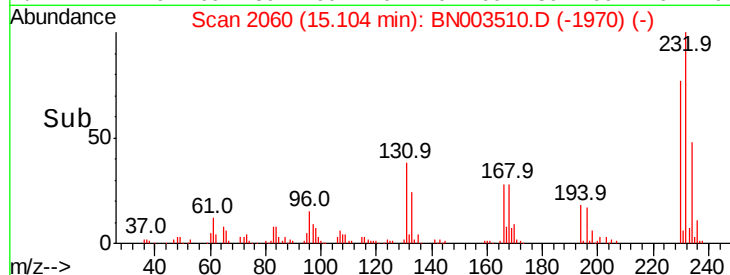
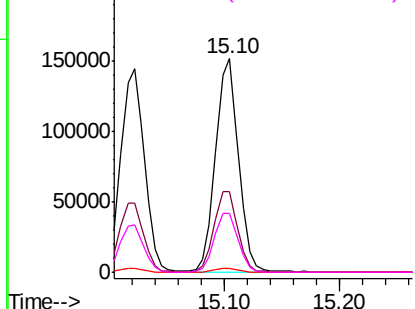
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.480 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	31.4	47.2
130	1.9	1.5	2.3
166	28.7	23.0	34.6

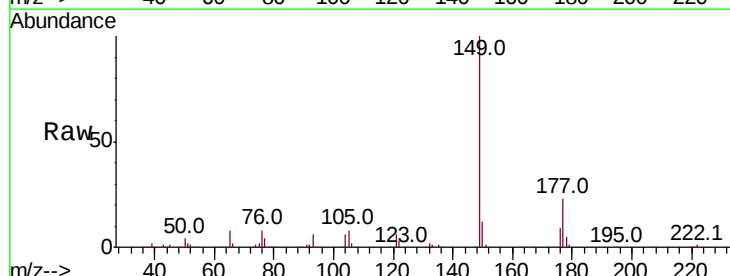


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

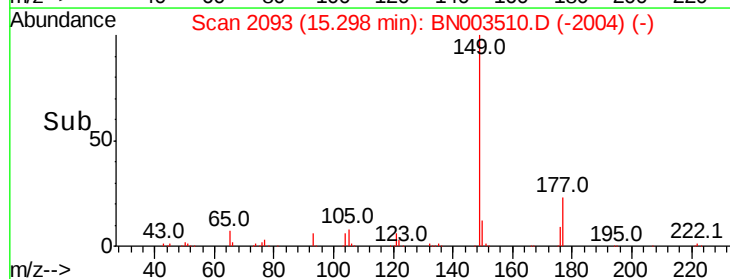
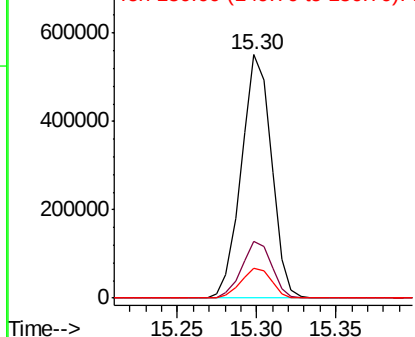


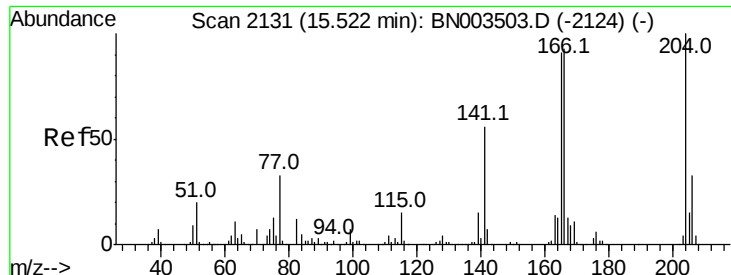
#60
 Diethylphthalate
 Concen: 41.835 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.4
150	12.4	9.8	14.8



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

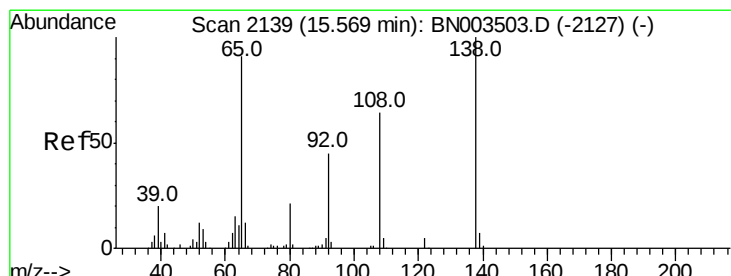
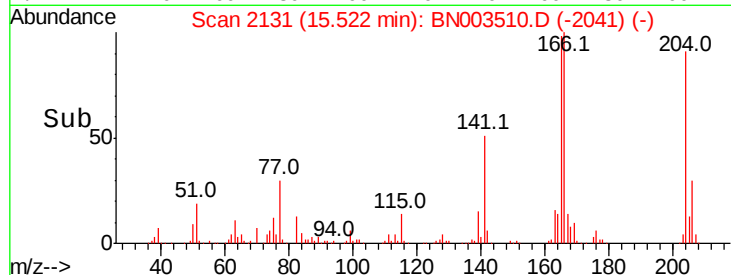
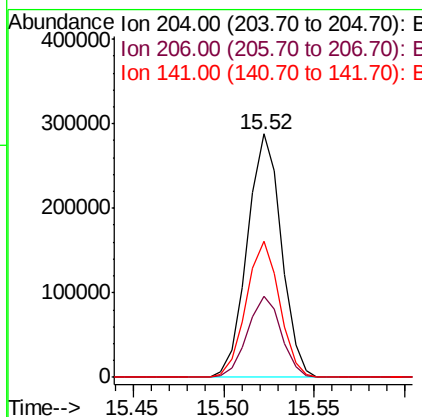
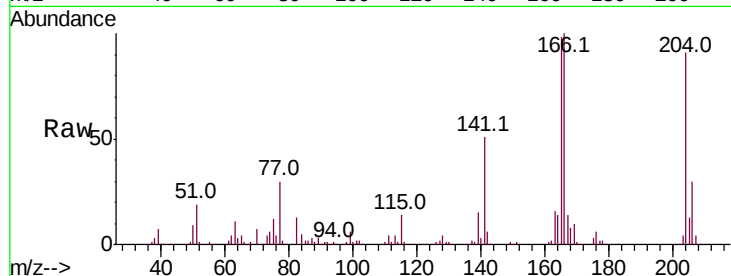




#61
 4-Chlorophenyl-phenylether
 Concen: 41.927 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

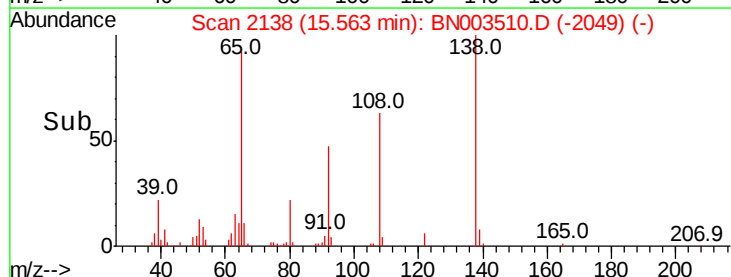
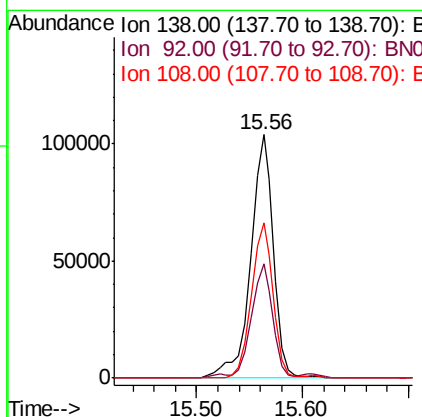
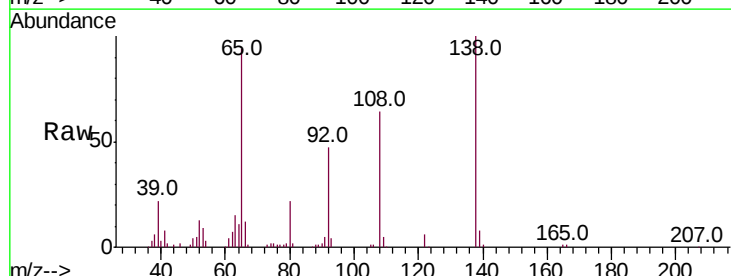
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

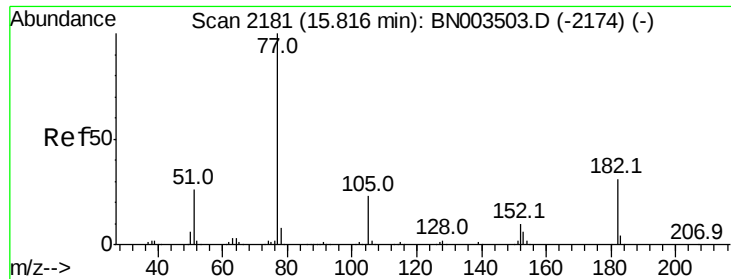
Tot Ion:	204	Resp:	375668
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	55.8	44.4	66.6



#62
 4-Nitroaniline
 Concen: 38.094 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:	138	Resp:	156725
Ion	Ratio	Lower	Upper
138	100		
92	47.0	24.7	64.7
108	63.5	43.9	83.9

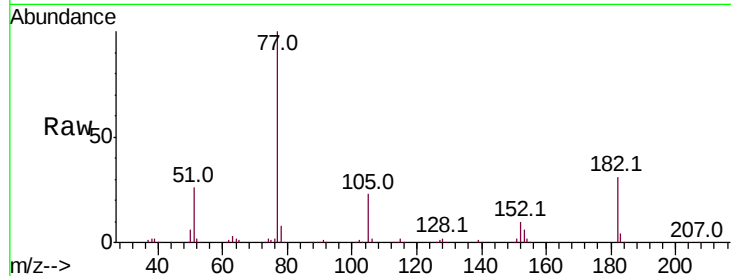




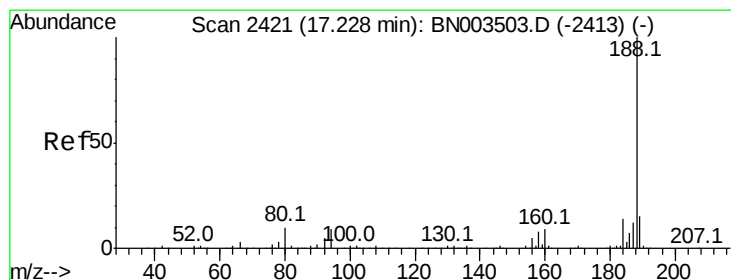
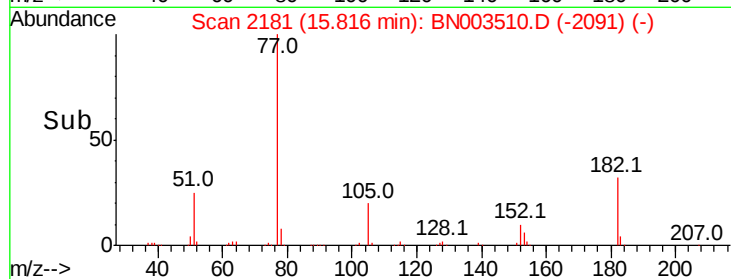
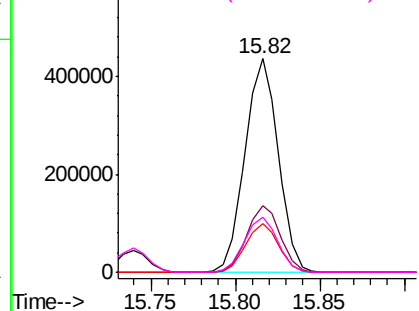
#63
Azobenzene
Concen: 42.190 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion:	77	Resp:	598620
Ion	Ratio	Lower	Upper
77	100		
182	31.1	11.4	51.4
105	22.9	3.2	43.2
51	25.9	5.8	45.8

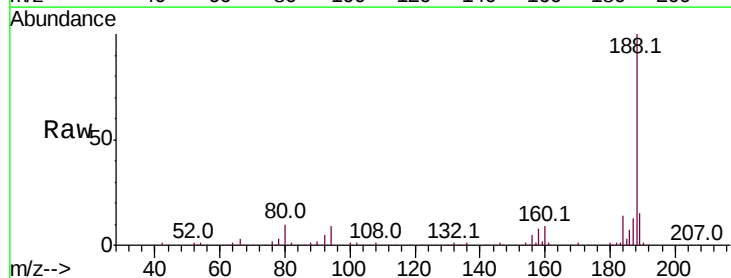


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC

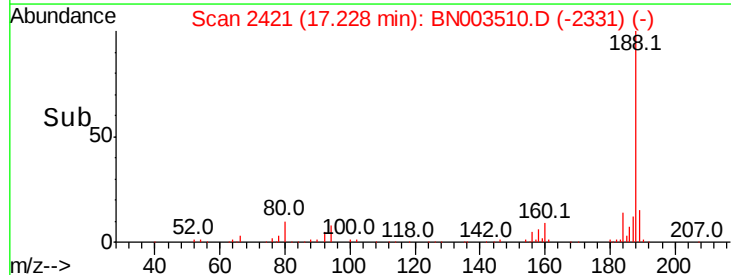
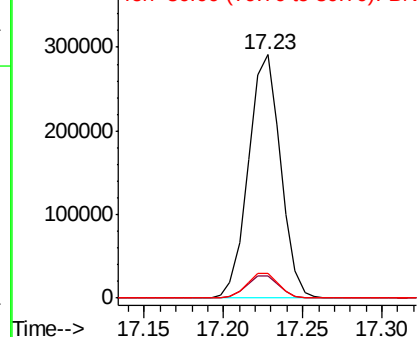


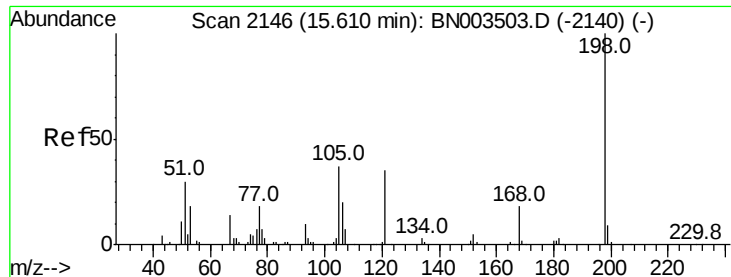
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	188	Resp:	410357
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	10.0	8.2	12.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

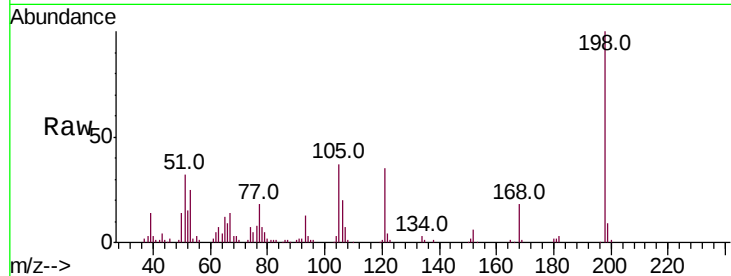




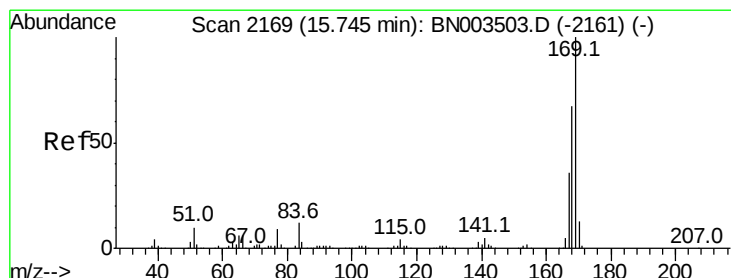
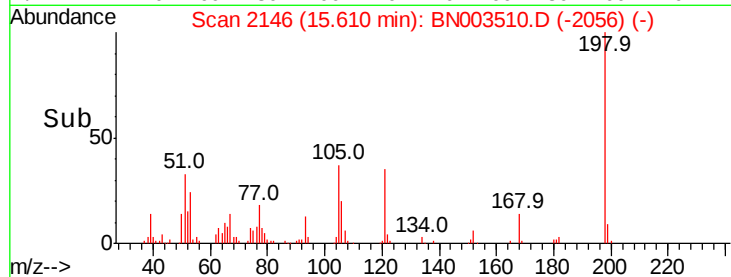
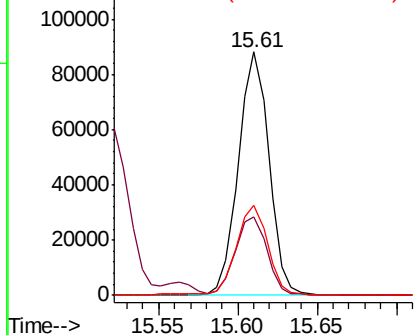
#65
4,6-Dinitro-2-methylphenol
Concen: 42.443 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.3	13.8	53.8
105	37.0	18.3	58.3

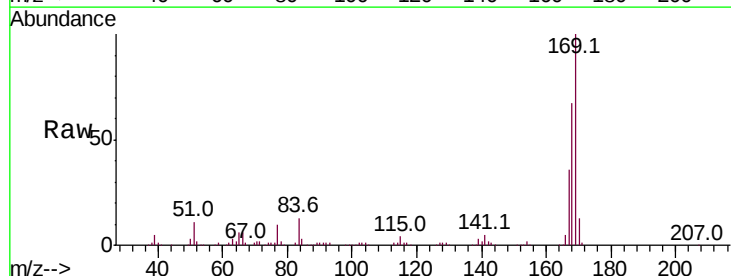


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

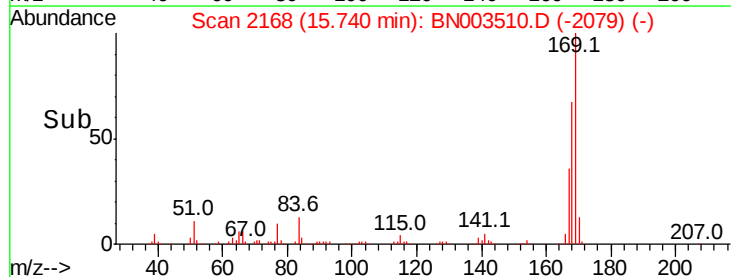
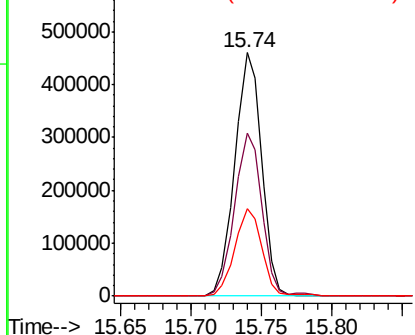


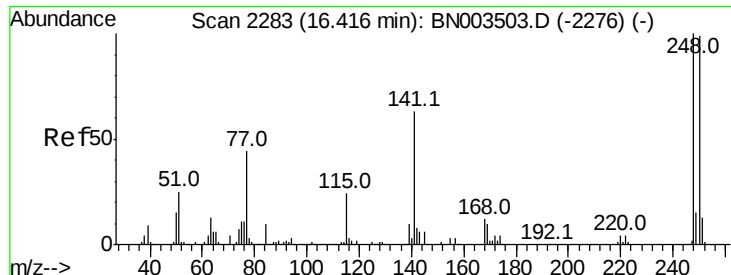
#66
n-Nitrosodiphenylamine
Concen: 47.012 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	35.7	29.0	43.4



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

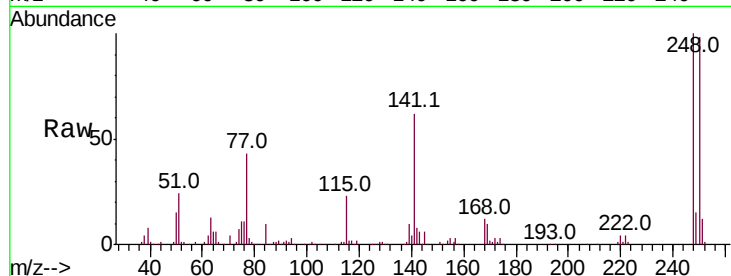




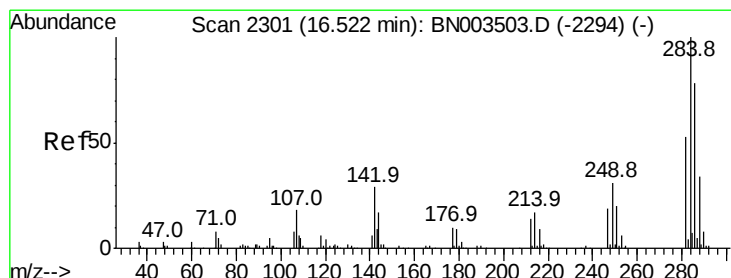
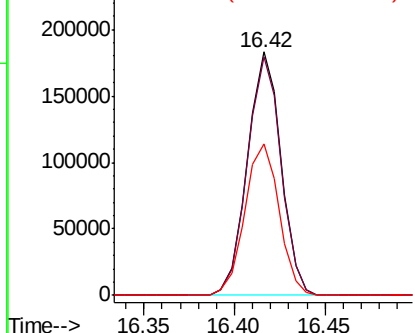
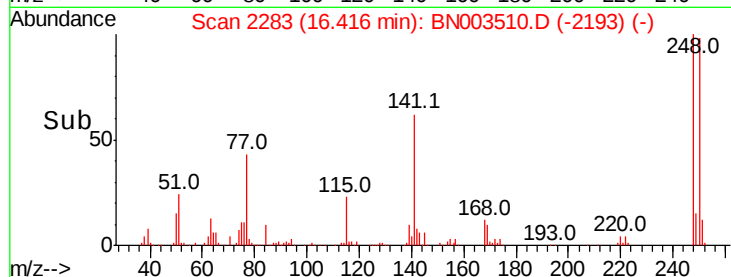
#67
 4-Bromophenyl-phenylether
 Concen: 45.609 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

Tot Ion:248 Resp: 236074
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.0 118.6
 141 62.1 50.7 76.1

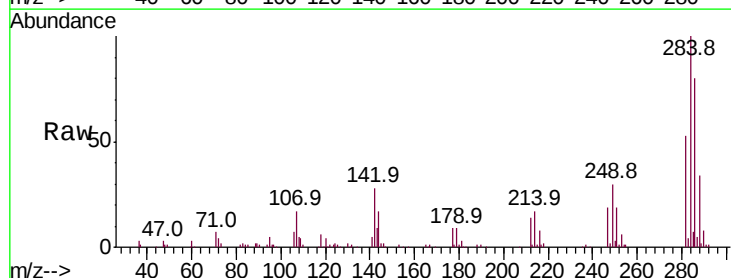


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

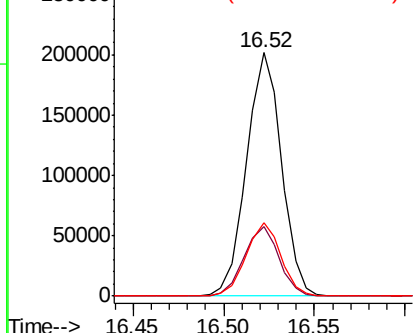
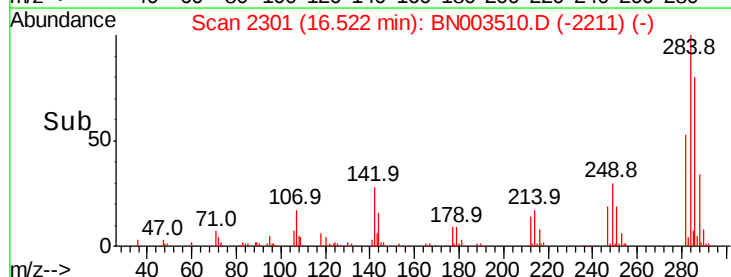


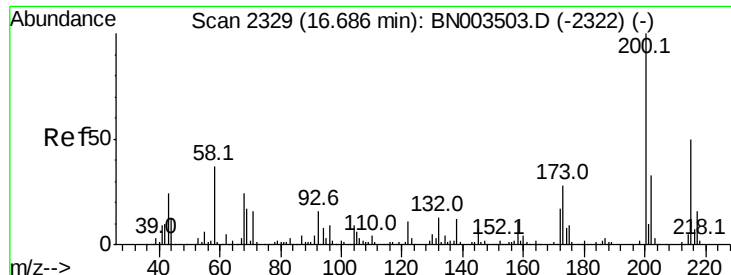
#68
 Hexachlorobenzene
 Concen: 44.877 ng
 RT: 16.52 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:284 Resp: 270348
 Ion Ratio Lower Upper
 284 100
 142 28.3 23.6 35.4
 249 30.4 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.065 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

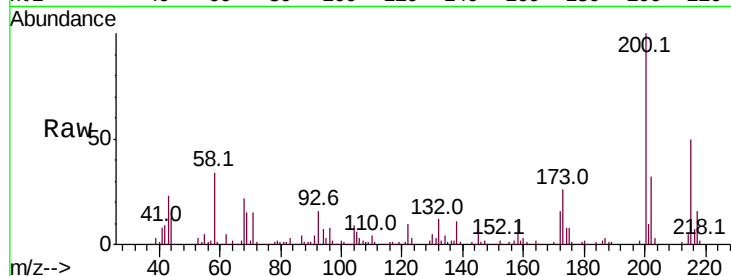
Tot Ion:200 Resp: 214238

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

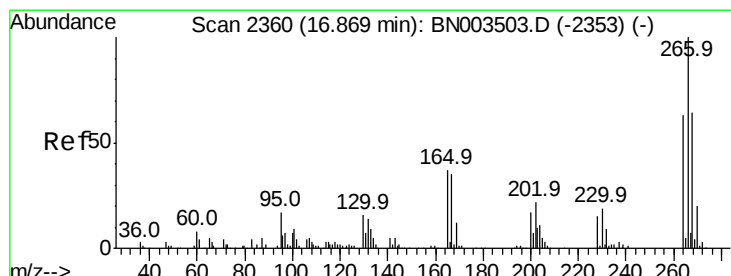
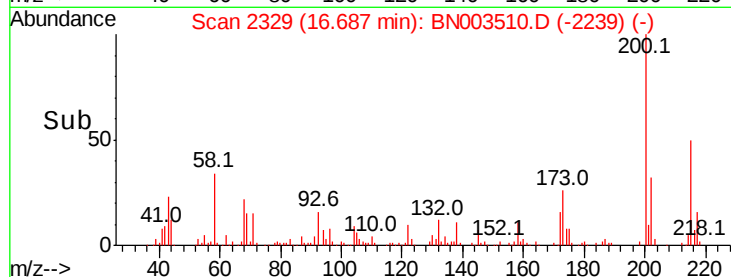
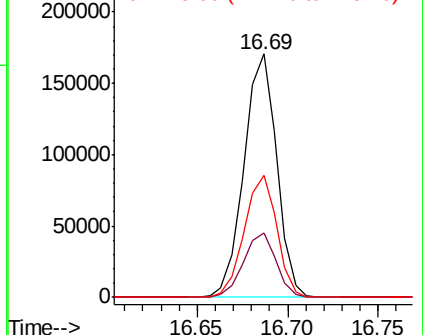
215 49.9 30.0 70.0



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: 77.157 ng

RT: 16.87 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

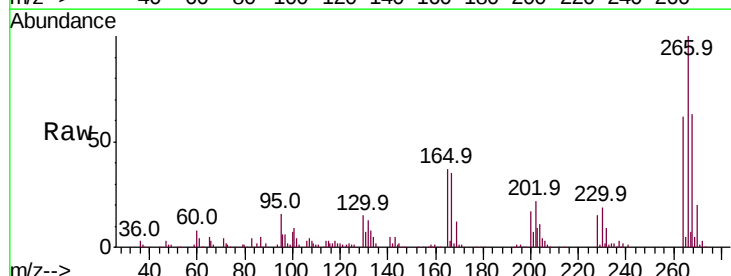
Tgt Ion:266 Resp: 309795

Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

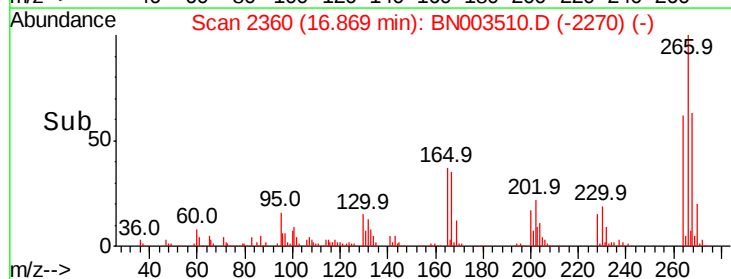
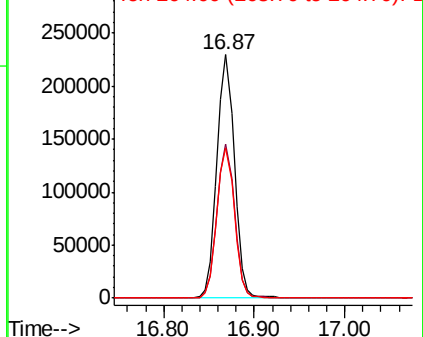
264 61.9 50.1 75.1

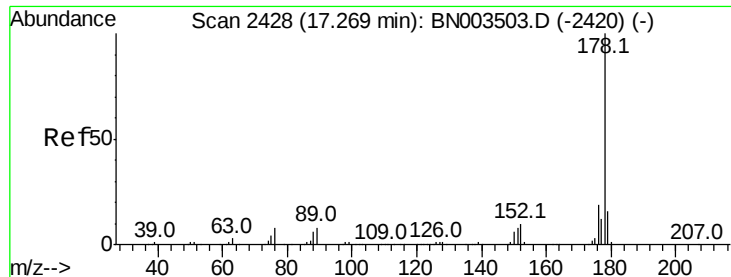


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

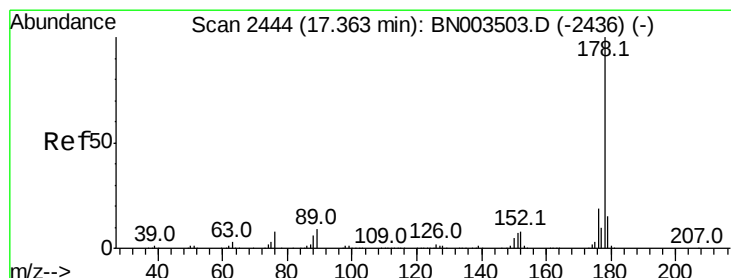
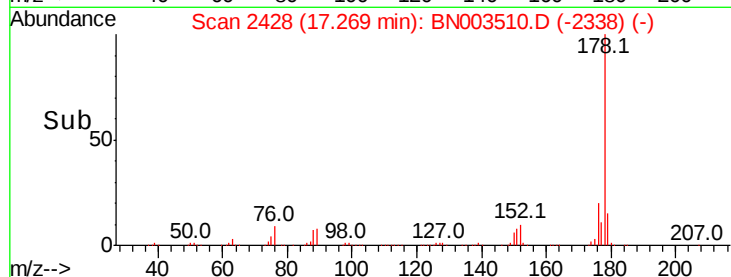
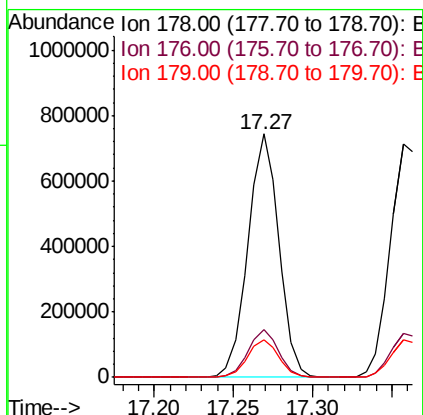
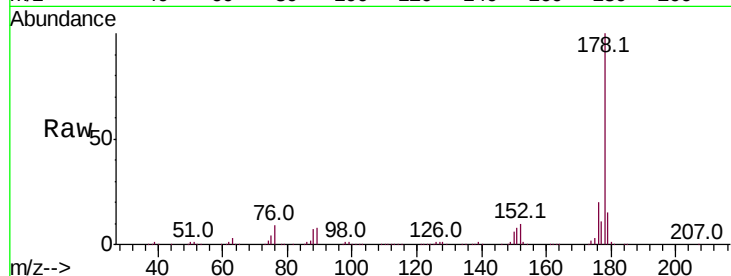




#71
Phenanthrene
Concen: 46.961 ng
RT: 17.27 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

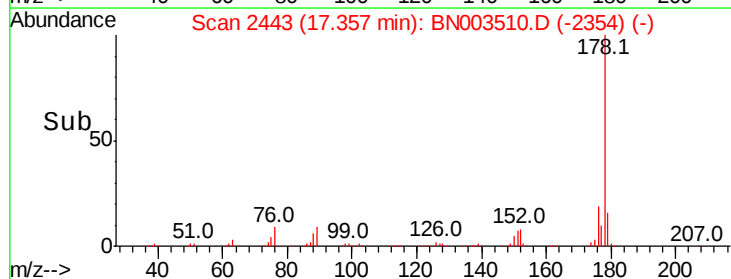
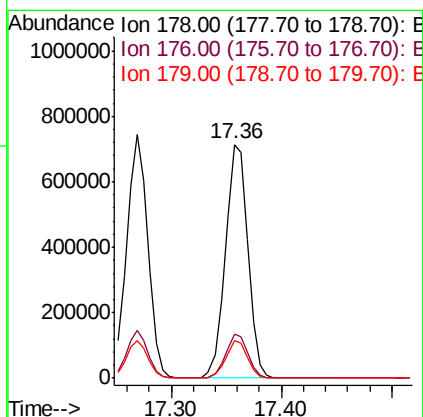
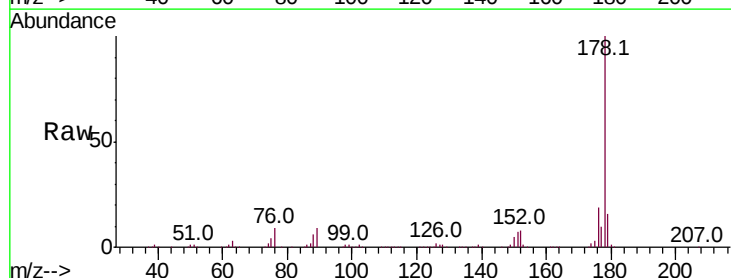
Instrument :
BNA_N
ClientSampleId :
PB114540BS

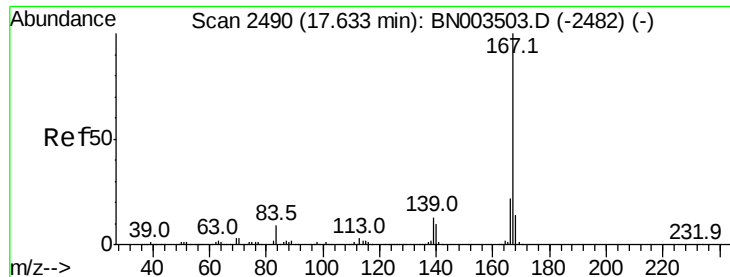
Tot Ion:178 Resp: 1006723
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.3 12.5 18.7



#72
Anthracene
Concen: 48.623 ng
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:178 Resp: 1018851
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.8 12.3 18.5

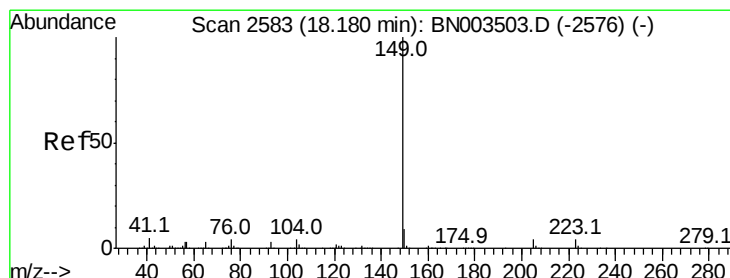
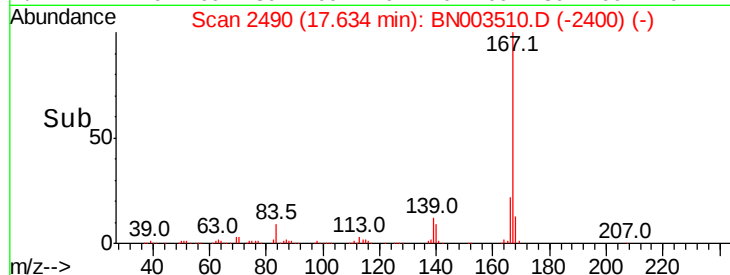
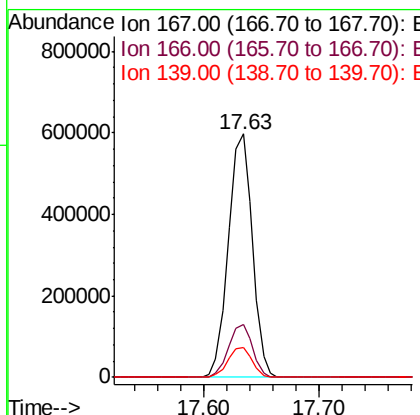
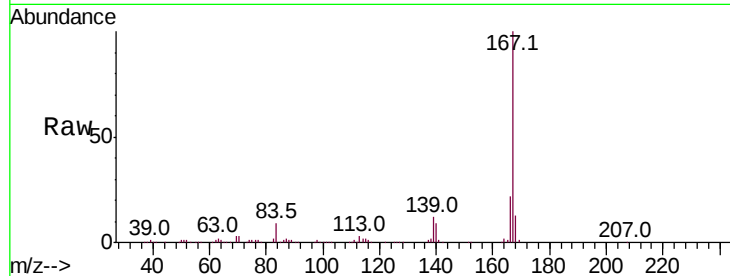




#73
 Carbazole
 Concen: 41.834 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

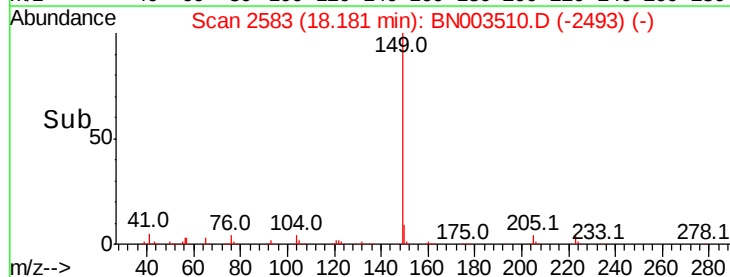
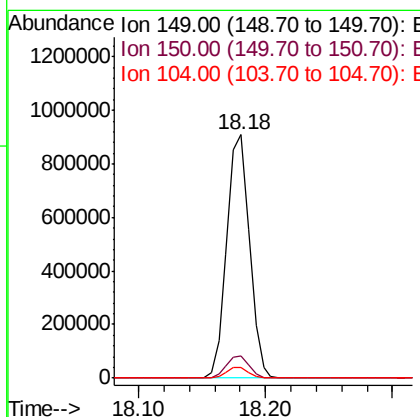
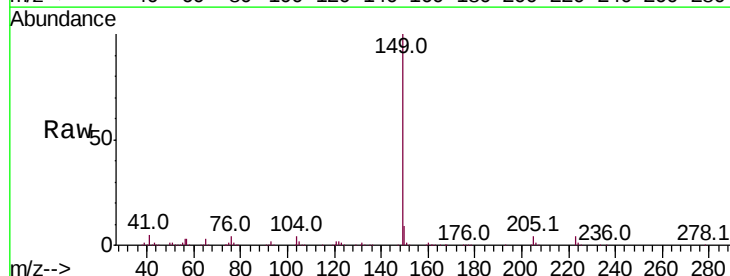
Instrument :
 BNA_N
 ClientSampleId :
 PB114540BS

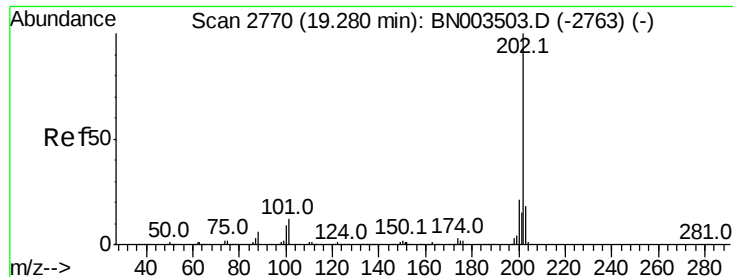
Tot Ion:167 Resp: 860303
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 46.367 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:149 Resp: 1125115
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.3 3.4 5.2





#75

Fluoranthene

Concen: 43.677 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

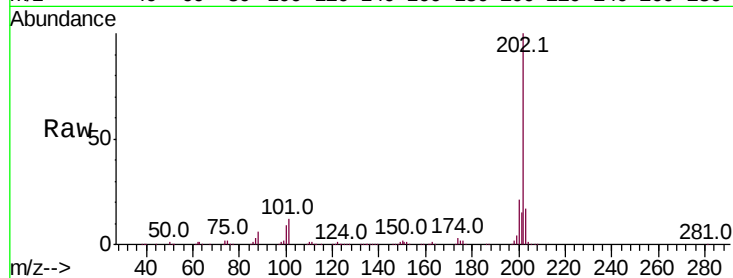
Tot Ion:202 Resp: 1009345

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.8

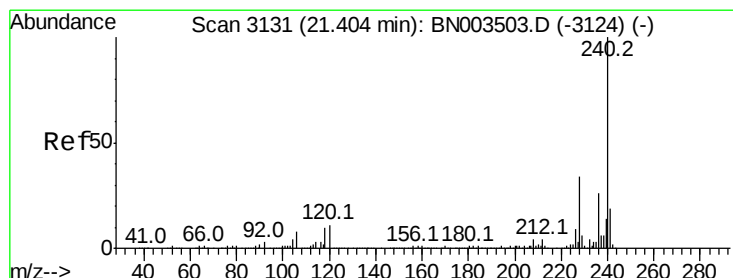
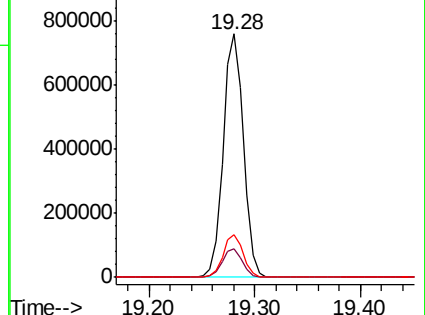
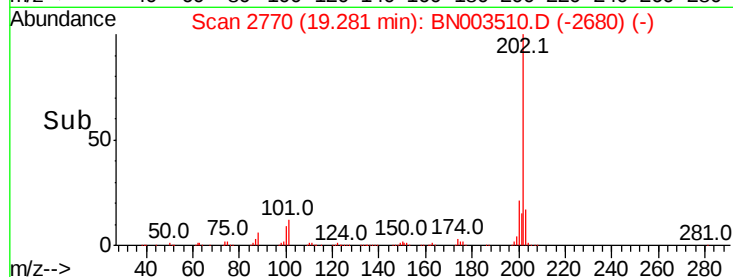
203 17.5 0.0 37.7



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. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

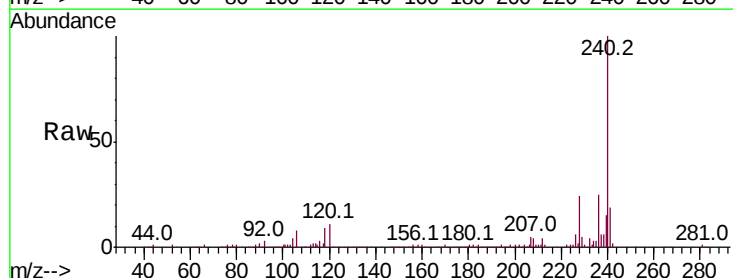
Tgt Ion:240 Resp: 317169

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

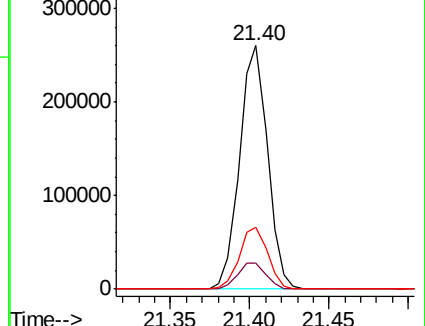
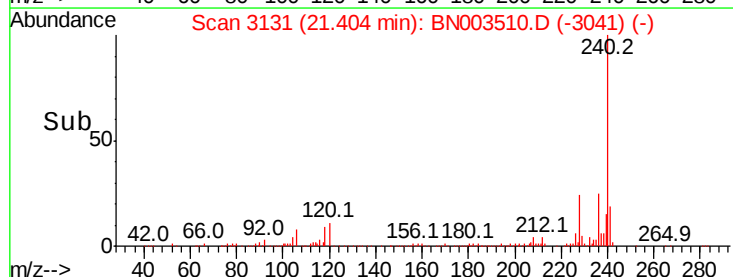
236 25.3 20.6 30.8

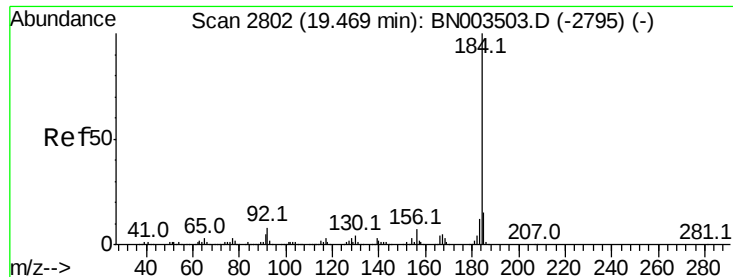


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.292 ng

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

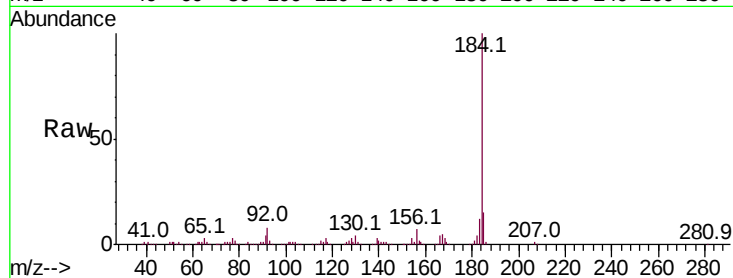
Tot Ion:184 Resp: 507760

Ion Ratio Lower Upper

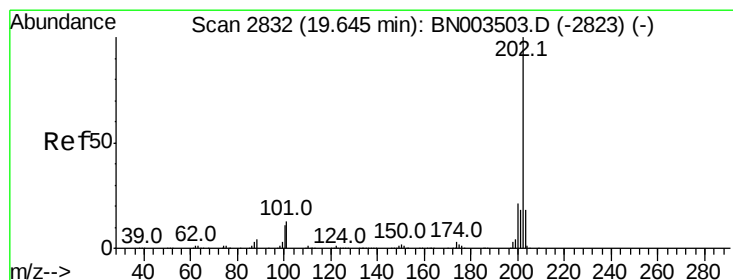
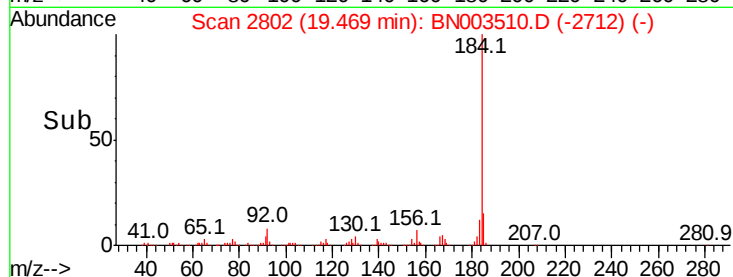
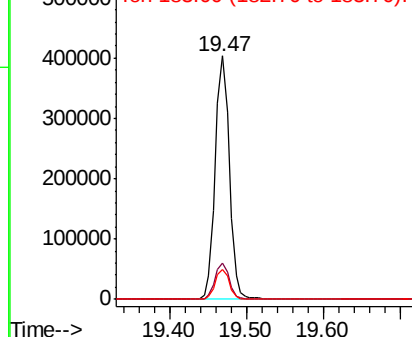
184 100

185 15.1 12.2 18.2

183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.607 ng

RT: 19.65 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

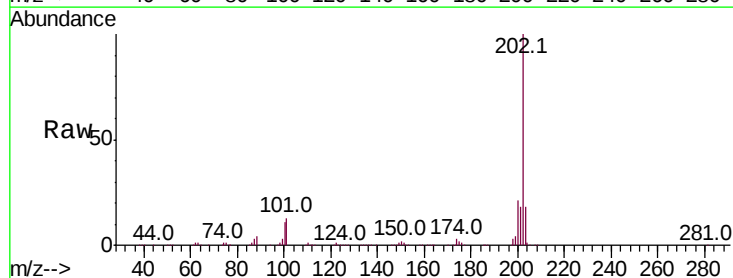
Tgt Ion:202 Resp: 997832

Ion Ratio Lower Upper

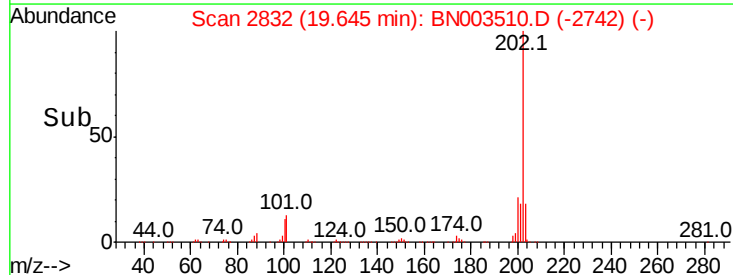
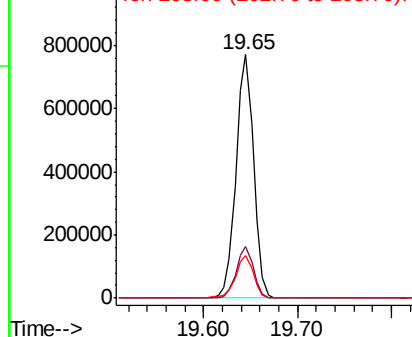
202 100

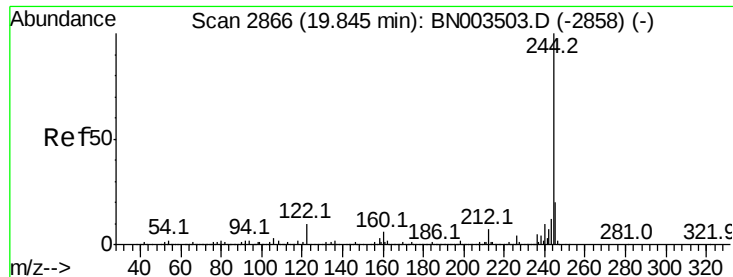
200 21.1 16.8 25.2

203 17.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.374 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

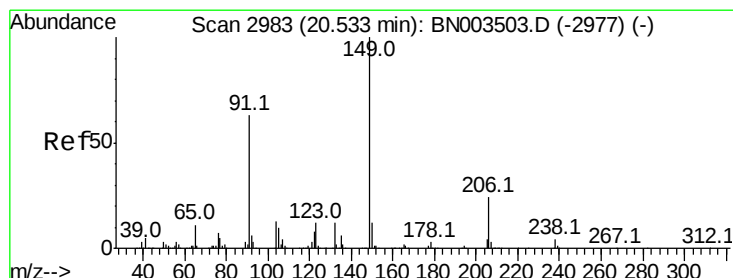
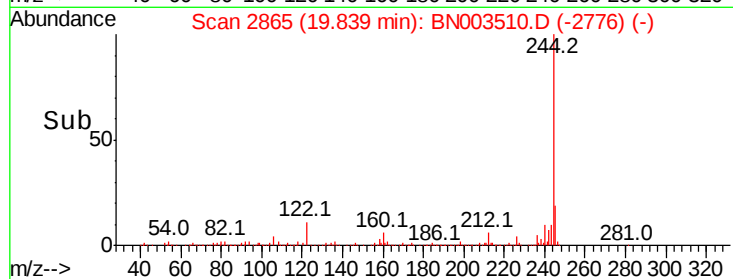
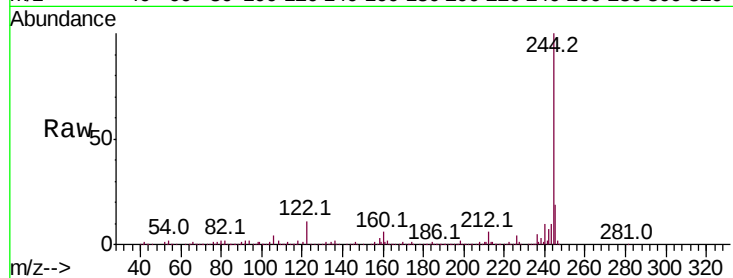
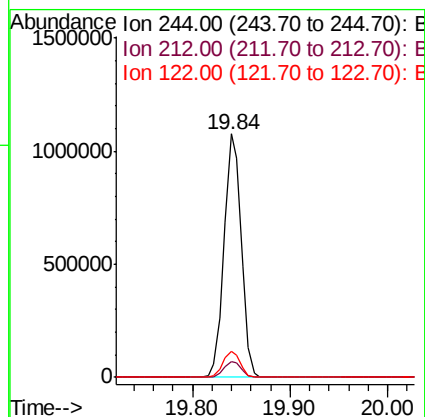
BNA_N

ClientSampleId :

PB114540BS

Tot Ion:244 Resp: 1310958

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.6	8.2	12.2



#80

Butylbenzylphthalate

Concen: 44.323 ng

RT: 20.53 min Scan# 2983

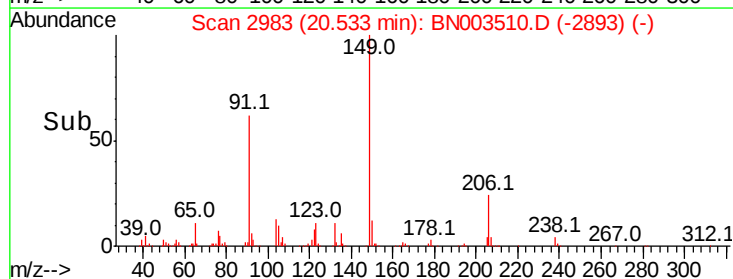
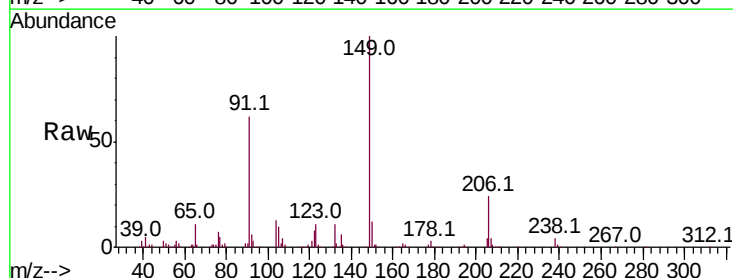
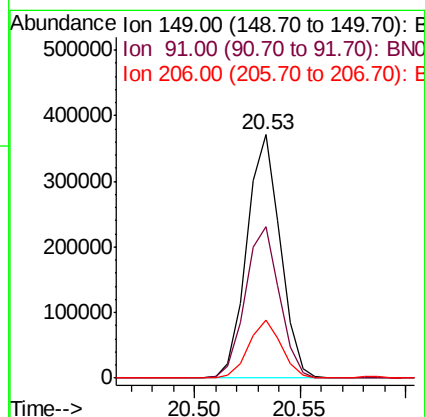
Delta R.T. 0.00 min

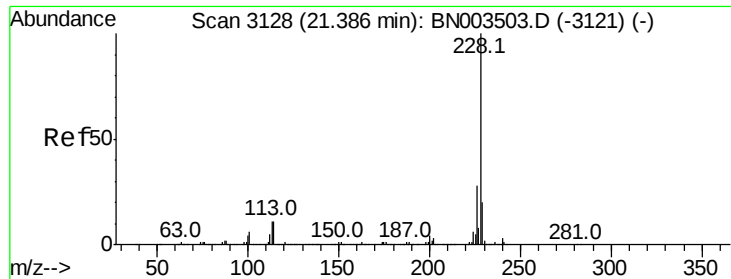
Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:149 Resp: 406688

Ion	Ratio	Lower	Upper
149	100		
91	62.1	50.3	75.5
206	24.0	19.0	28.6

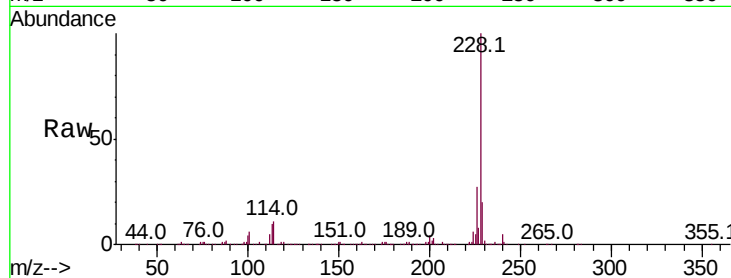




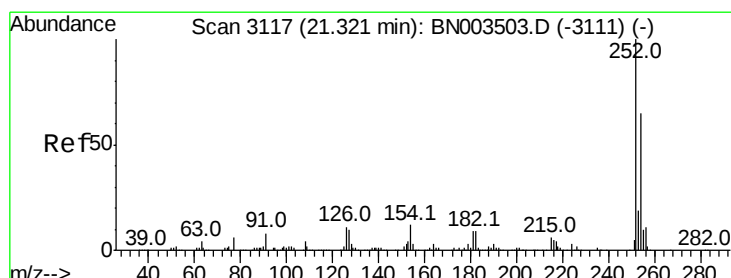
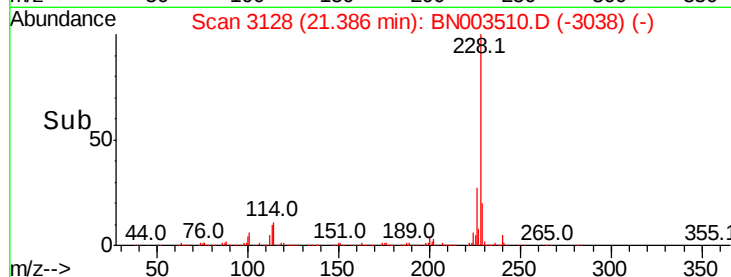
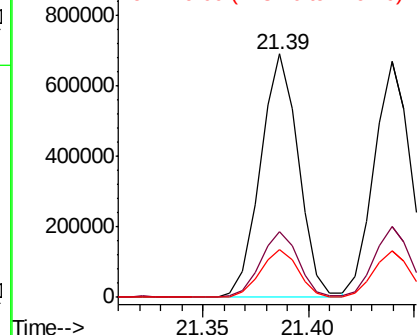
#81
Benzo(a)anthracene
Concen: 47.951 ng
RT: 21.39 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion:228 Resp: 865136
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.7 16.3 24.5

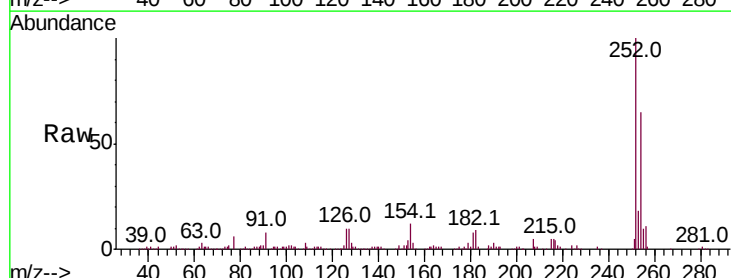


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

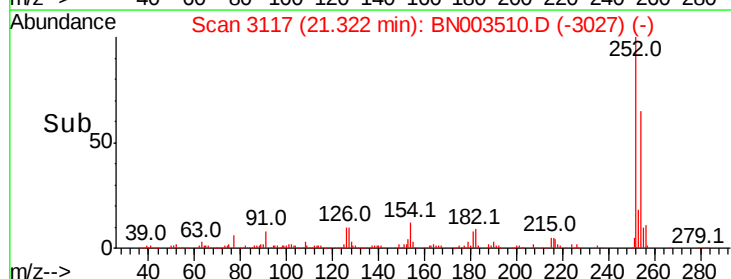
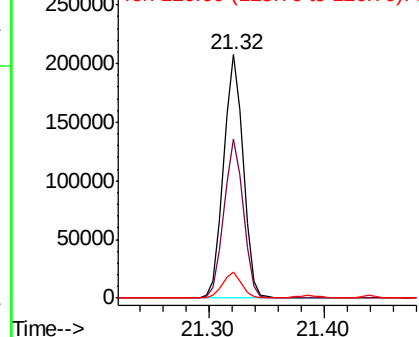


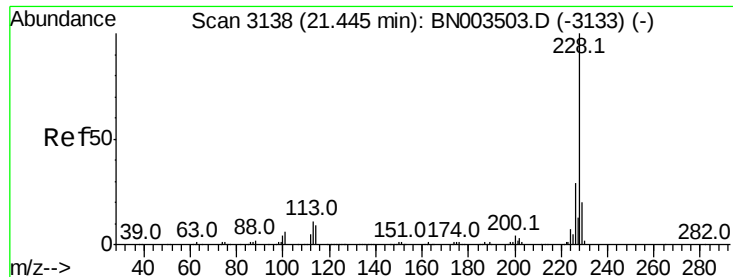
#82
3,3'-Dichlorobenzidine
Concen: 32.564 ng
RT: 21.32 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:252 Resp: 244858
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 10.4 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.045 ng

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

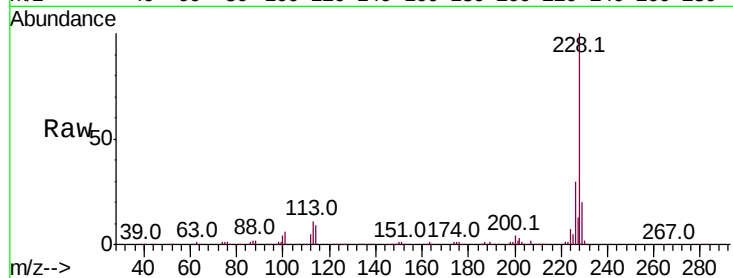
BNA_N

ClientSampleId :

PB114540BS

Tot Ion:228 Resp: 811784

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	20.0	15.6	23.4

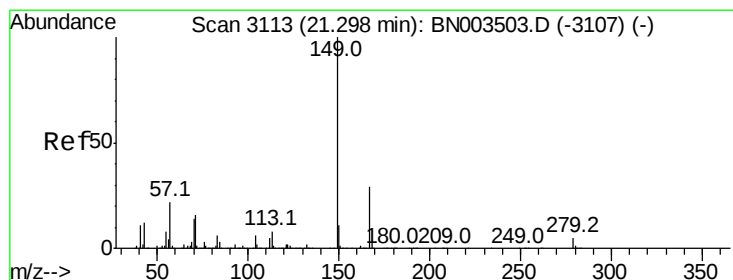
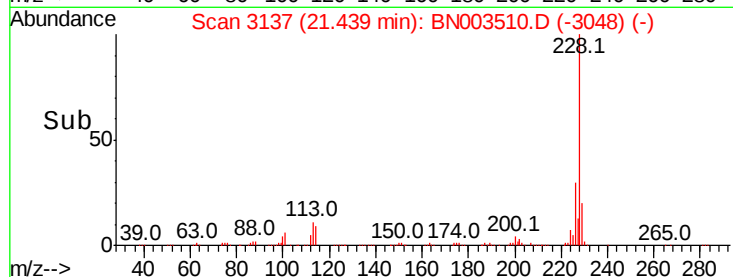
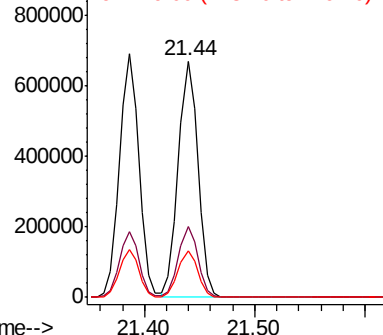


Abundance

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: 42.897 ng

RT: 21.30 min Scan# 3113

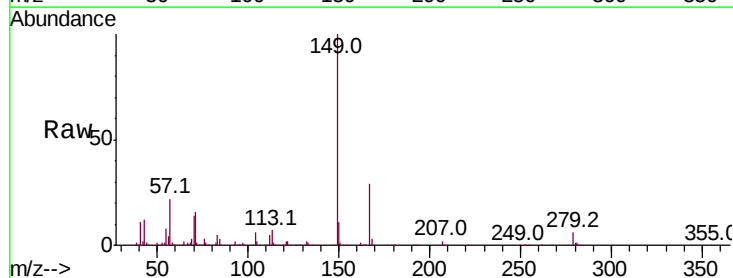
Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:149 Resp: 570787

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.6
279	5.6	4.2	6.4

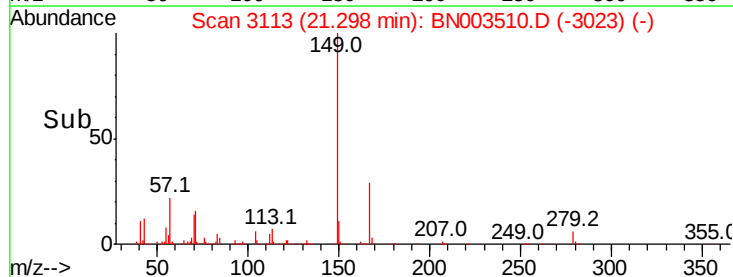
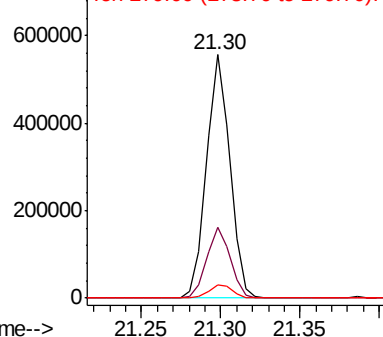


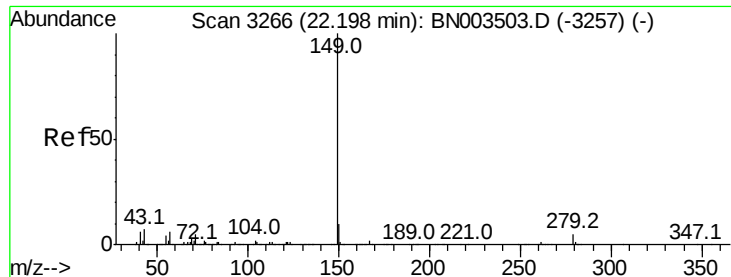
Abundance

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: 44.111 ng

RT: 22.20 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

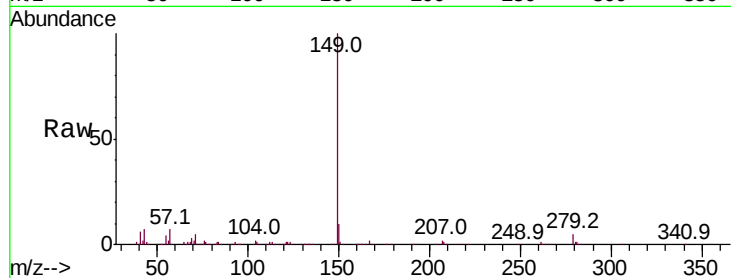
Tot Ion:149 Resp: 871718

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

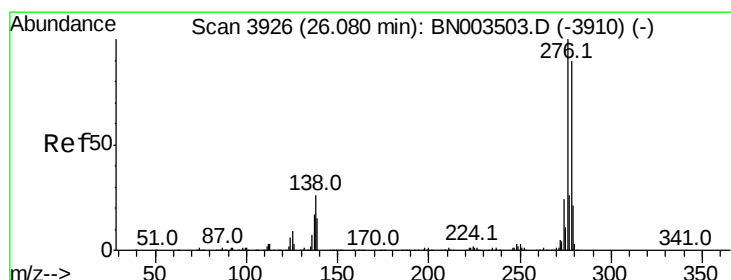
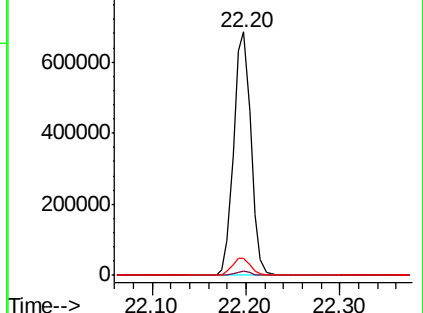
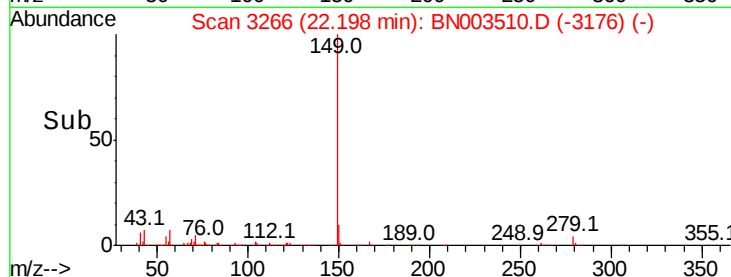
43 7.9 6.0 9.0



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: 60.253 ng

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

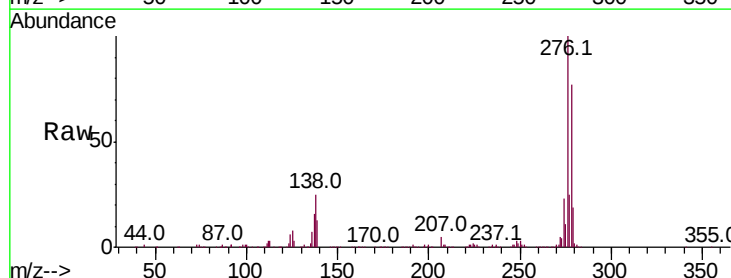
Tgt Ion:276 Resp: 1097584

Ion Ratio Lower Upper

276 100

138 24.9 20.1 30.1

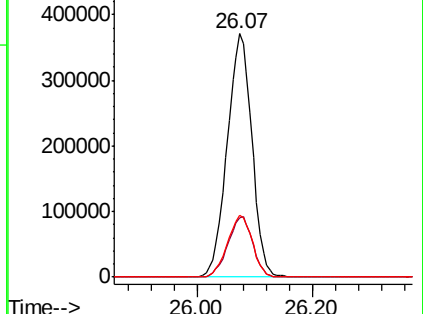
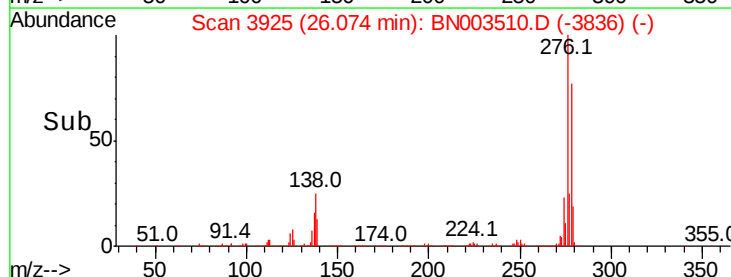
277 25.5 20.3 30.5

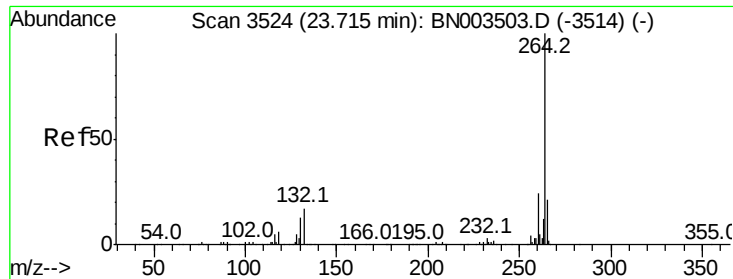


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3524

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

PB114540BS

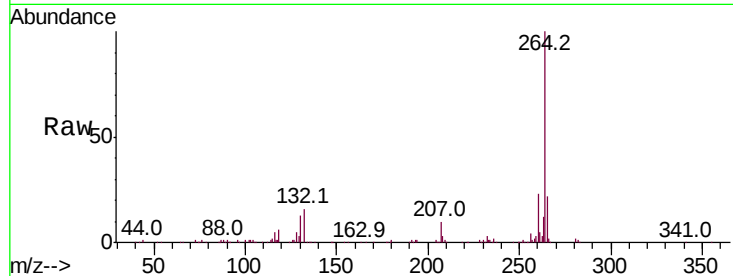
Tot Ion:264 Resp: 335830

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

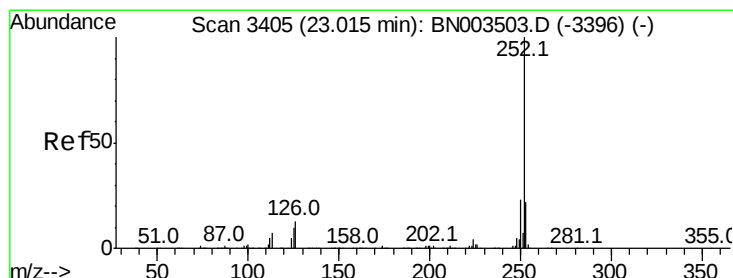
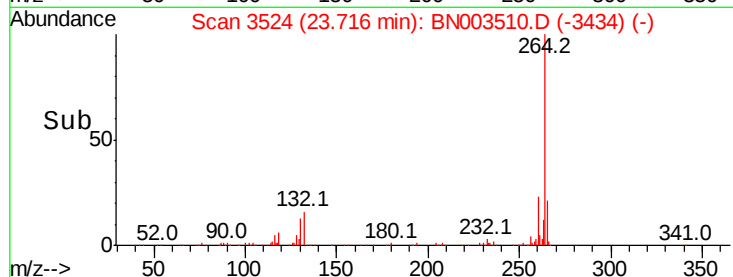
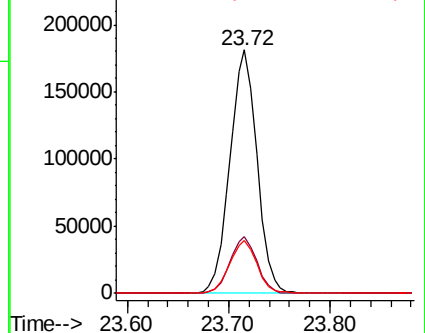
265 21.7 17.2 25.8



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: 47.757 ng

RT: 23.02 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

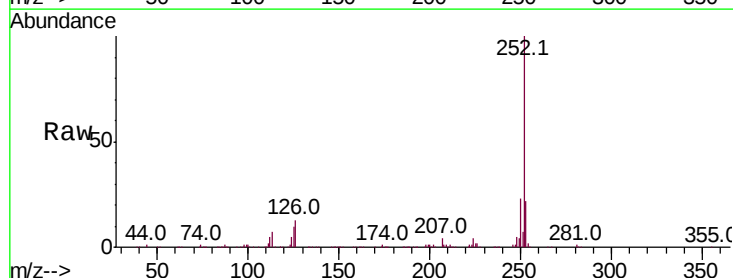
Tgt Ion:252 Resp: 892927

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

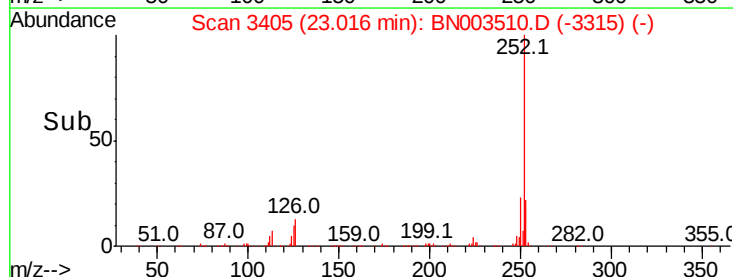
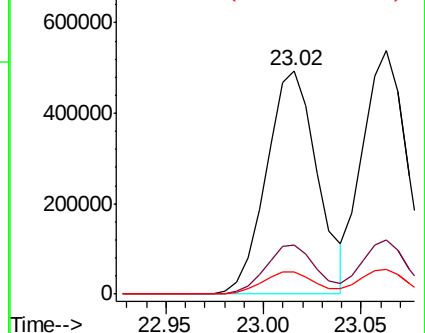
125 10.1 8.1 12.1

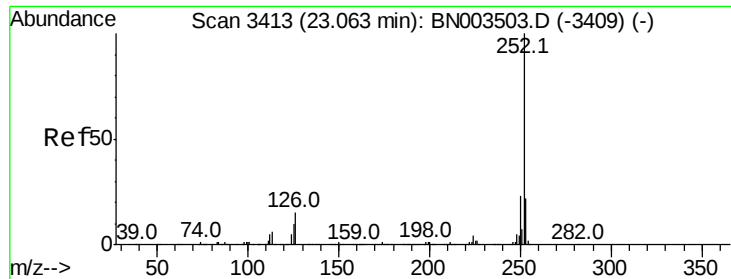


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

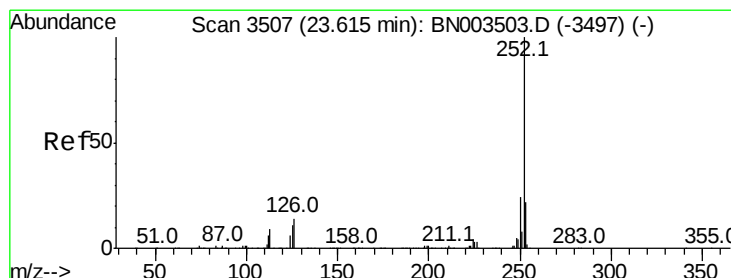
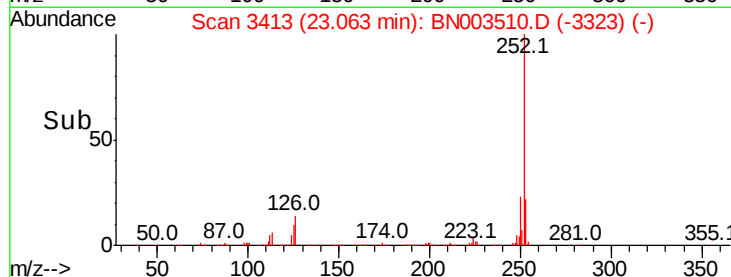
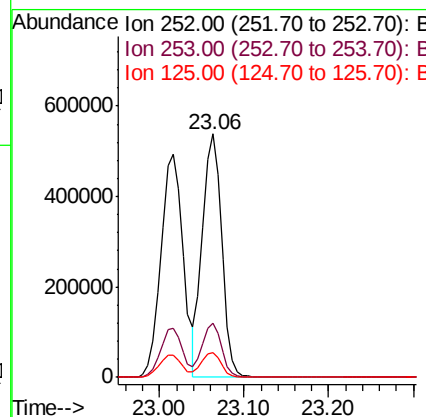
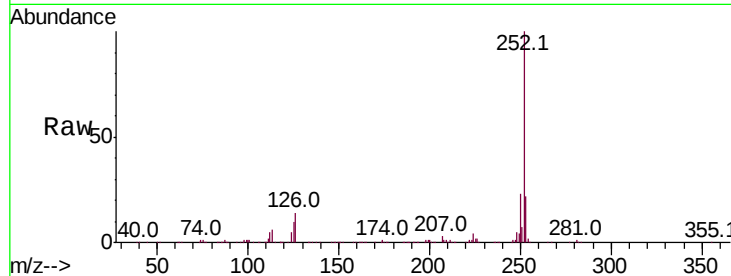




#89
Benzo(k)fluoranthene
Concen: 45.927 ng
RT: 23.06 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

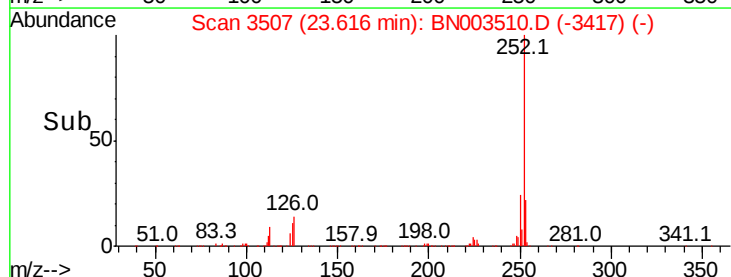
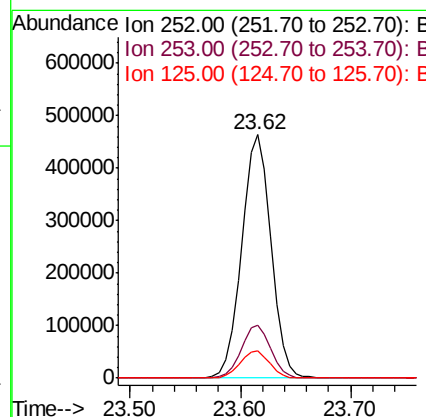
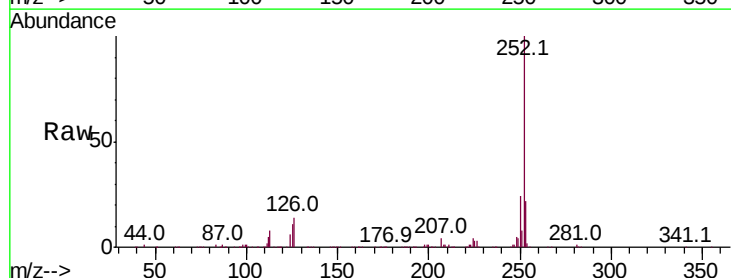
Instrument :
BNA_N
ClientSampleId :
PB114540BS

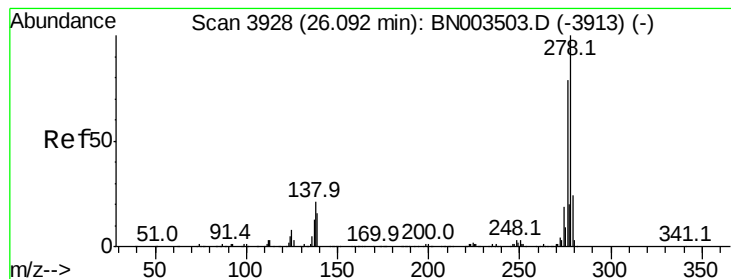
Tot Ion:252 Resp: 854516
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 50.130 ng
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:252 Resp: 868451
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.2 8.9 13.3

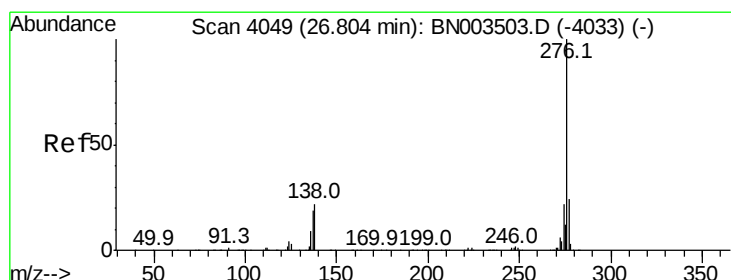
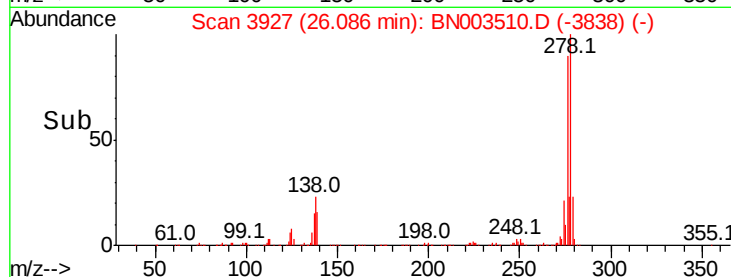
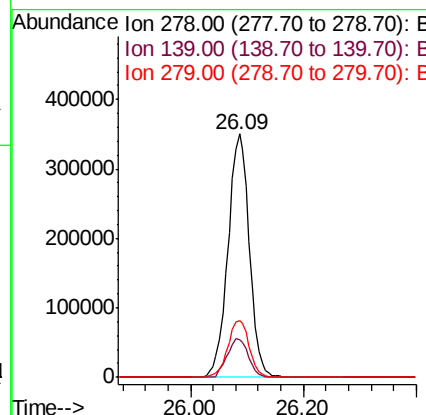
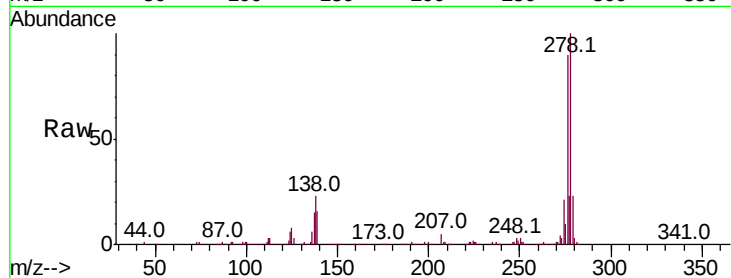




#91
Dibenzo(a,h)anthracene
Concen: 52.388 ng
RT: 26.09 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :
PB114540BS

Tot Ion:278 Resp: 924186
Ion Ratio Lower Upper
278 100
139 15.6 12.6 19.0
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 53.203 ng
RT: 26.80 min Scan# 4049
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:276 Resp: 912719
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 21.4 17.4 26.2

