

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003466.D
 Acq On : 07 Nov 2018 23:36
 Operator : MJ/SJ
 Sample : PB114576BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 14:34:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	112092	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	487690	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	280608	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	552073	20.00	ng	0.00
76) Chrysene-d12	21.41	240	417260	20.00	ng	0.00
87) Perylene-d12	23.72	264	453299	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	429891	66.80	ng	0.00
7) Phenol-d6	7.00	99	564736	61.71	ng	0.00
23) Nitrobenzene-d5	9.02	82	464200	54.59	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	233008	61.67	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1296815	62.69	ng	0.00
79) Terphenyl-d14	19.85	244	1205885	61.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	61528	20.136	ng	93
3) Pyridine	3.73	79	176619	25.294	ng	90
4) n-Nitrosodimethylamine	3.65	42	69347	26.975	ng	# 89
6) Aniline	7.18	93	167394	14.649	ng	97
8) 2-Chlorophenol	7.41	128	239195	30.176	ng	95
9) Benzaldehyde	7.00	77	119732	22.528	ng	96
10) Phenol	7.03	94	283836	29.392	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	200874	25.467	ng	95
12) 1,3-Dichlorobenzene	7.73	146	239824	27.212	ng	97
13) 1,4-Dichlorobenzene	7.89	146	245344	27.036	ng	98
14) 1,2-Dichlorobenzene	8.20	146	236843	26.892	ng	98
15) Benzyl Alcohol	8.09	79	183618	27.844	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	260661	22.540	ng	97
17) 2-Methylphenol	8.28	107	197535	29.930	ng	98
18) Hexachloroethane	8.92	117	82084	25.820	ng	96
19) n-Nitroso-di-n-propylamine	8.65	70	153046	23.193	ng	97
20) 3+4-Methylphenols	8.61	107	266461	28.422	ng	98
22) Acetophenone	8.68	105	321273	27.177	ng	# 97
24) Nitrobenzene	9.06	77	224515	25.873	ng	93
25) Isophorone	9.58	82	430662	28.871	ng	96
26) 2-Nitrophenol	9.76	139	124073	27.165	ng	95
27) 2,4-Dimethylphenol	9.81	122	227465	35.420	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	282868	28.148	ng	99
29) 2,4-Dichlorophenol	10.29	162	233944	31.923	ng	98
30) 1,2,4-Trichlorobenzene	10.50	180	232591	27.918	ng	99
31) Naphthalene	10.70	128	707278	29.678	ng	100
32) Benzoic acid	9.93	122	133188	26.721	ng	92
33) 4-Chloroaniline	10.81	127	62917	5.975	ng	96
34) Hexachlorobutadiene	10.96	225	137962	27.750	ng	98
35) Caprolactam	11.59	113	37830	13.184	ng	# 81
36) 4-Chloro-3-methylphenol	11.92	107	230463	28.196	ng	95
37) 2-Methylnaphthalene	12.30	142	532233	31.251	ng	100
38) 1-Methylnaphthalene	12.53	142	500929	30.115	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	272760	29.383	ng	99

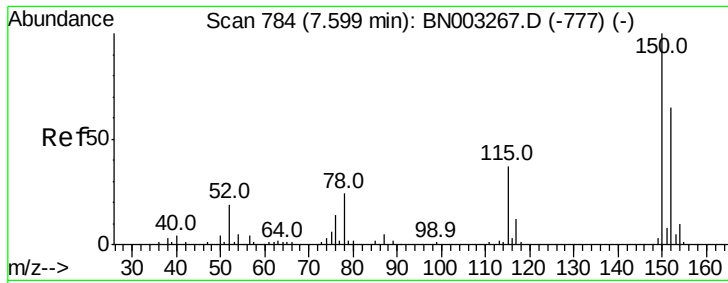
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
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 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	346810	85.472	ng	99
43) 2,4,6-Trichlorophenol	12.91	196	185555	31.637	ng	98
44) 2,4,5-Trichlorophenol	12.98	196	198616	32.466	ng	99
46) 1,1'-Biphenyl	13.32	154	672658	27.312	ng	99
47) 2-Chloronaphthalene	13.36	162	516373	28.425	ng	99
48) 2-Nitroaniline	13.57	65	126384	23.678	ng	88
49) Acenaphthylene	14.21	152	836610	30.087	ng	99
50) Dimethylphthalate	13.95	163	642031	28.297	ng	100
51) 2,6-Dinitrotoluene	14.07	165	140756	27.333	ng	95
52) Acenaphthene	14.55	154	480982	28.549	ng	98
53) 3-Nitroaniline	14.40	138	63553	11.545	ng	96
54) 2,4-Dinitrophenol	14.60	184	104186	38.787	ng	91
55) Dibenzofuran	14.89	168	771061	28.131	ng	99
56) 4-Nitrophenol	14.70	139	302967	76.602	ng	94
57) 2,4-Dinitrotoluene	14.86	165	185459	26.561	ng	# 75
58) Fluorene	15.53	166	603629	28.539	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	174053	32.400	ng	96
60) Diethylphthalate	15.30	149	619092	26.889	ng	100
61) 4-Chlorophenyl-phenylether	15.53	204	319921	27.225	ng	98
62) 4-Nitroaniline	15.56	138	129213	24.026	ng	98
63) Azobenzene	15.82	77	533935	25.093	ng	94
65) 4,6-Dinitro-2-methylphenol	15.61	198	85100	22.092	ng	96
66) n-Nitrosodiphenylamine	15.75	169	529172	30.619	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	201773	32.452	ng	95
68) Hexachlorobenzene	16.53	284	224977	31.762	ng	95
69) Atrazine	16.69	200	183209	29.912	ng	97
70) Pentachlorophenol	16.87	266	239210	67.929	ng	98
71) Phenanthrene	17.27	178	871795	30.037	ng	99
72) Anthracene	17.36	178	881123	30.424	ng	99
73) Carbazole	17.63	167	744606	24.827	ng	100
74) Di-n-butylphthalate	18.18	149	941119	26.900	ng	99
75) Fluoranthene	19.29	202	838993	24.537	ng	99
77) Benzidine	19.47	184	263193	21.546	ng	100
78) Pyrene	19.65	202	825336	33.655	ng	99
80) Butylbenzylphthalate	20.54	149	335781	29.488	ng	93
81) Benzo(a)anthracene	21.39	228	722916	29.750	ng	98
82) 3,3'-Dichlorobenzidine	21.33	252	144791	14.399	ng	97
83) Chrysene	21.45	228	683070	29.242	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	469277	27.789	ng	98
85) Di-n-octyl phthalate	22.20	149	708349	24.444	ng	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	939373	35.090	ng	99
88) Benzo(b)fluoranthene	23.02	252	762787	30.562	ng	100
89) Benzo(k)fluoranthene	23.07	252	725796	29.650	ng	99
90) Benzo(a)pyrene	23.62	252	733416	30.833	ng	99
91) Dibenzo(a,h)anthracene	26.10	278	789895	33.550	ng	98
92) Benzo(g,h,i)perylene	26.81	276	782200	34.607	ng	99

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

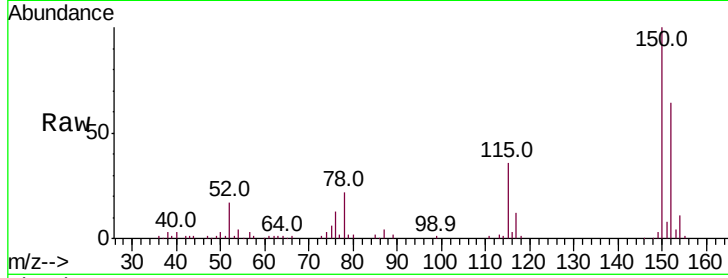


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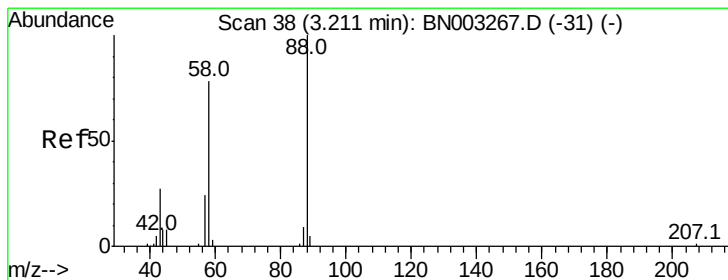
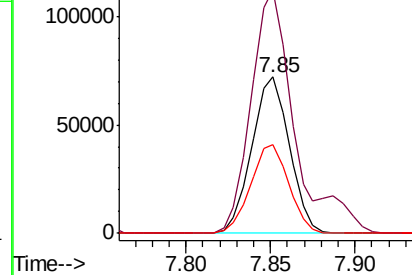
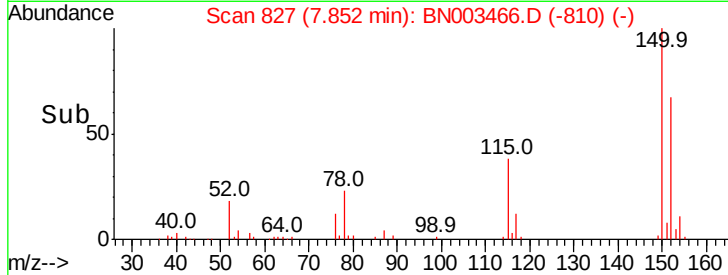
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 112092
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 56.8 45.9 68.9



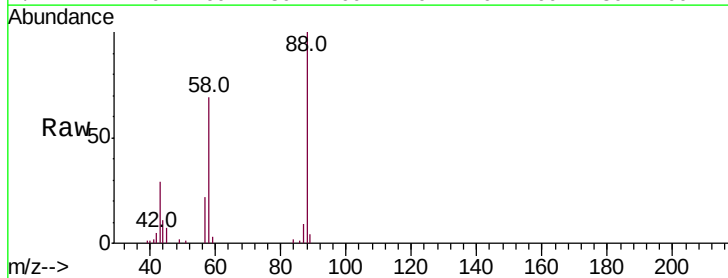
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



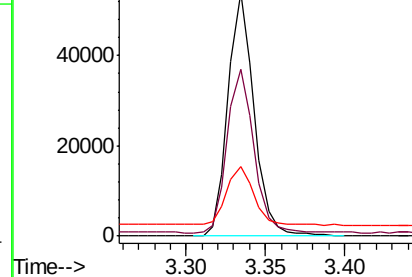
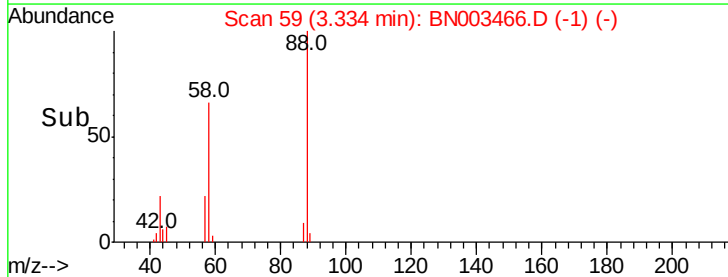
#2

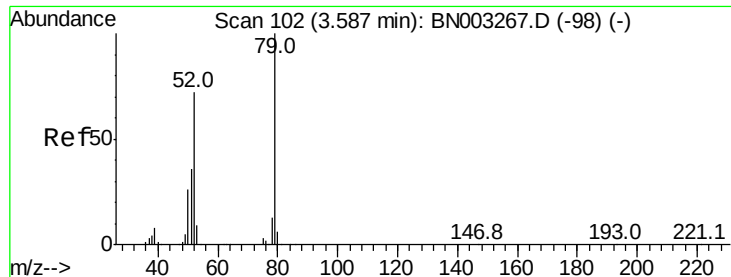
1,4-Dioxane
Concen: 20.136 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion: 88 Resp: 61528
Ion Ratio Lower Upper
88 100
58 69.4 61.1 91.7
43 25.8 22.2 33.4



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





#3

Pvridine

Concen: 25.294 ng

RT: 3.73 min Scan# 126

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

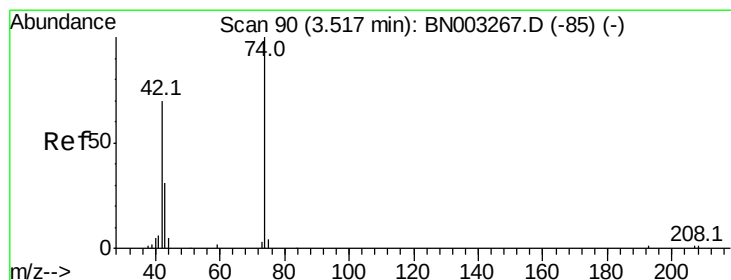
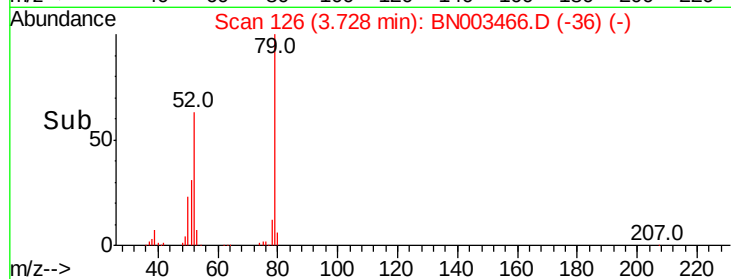
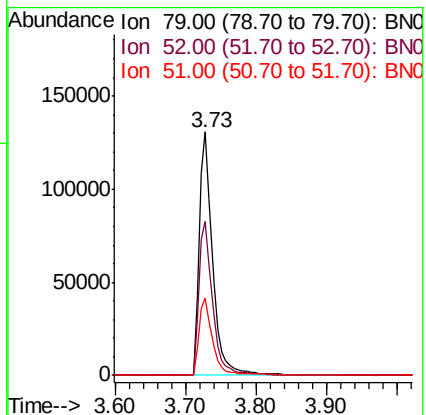
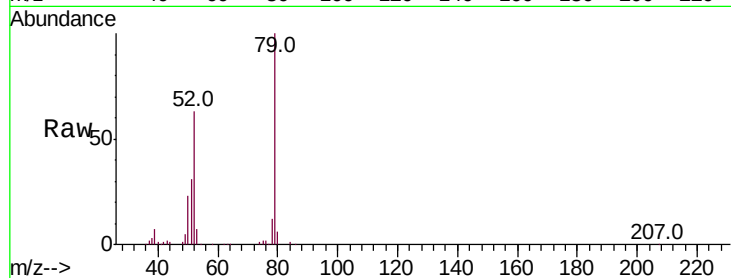
Tot Ion: 79 Resp: 176619

Ion Ratio Lower Upper

79 100

52 63.4 57.7 86.5

51 31.5 28.7 43.1



#4

n-Nitrosodimethylamine

Concen: 26.975 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

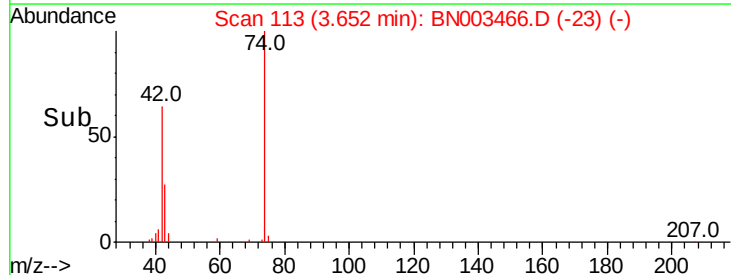
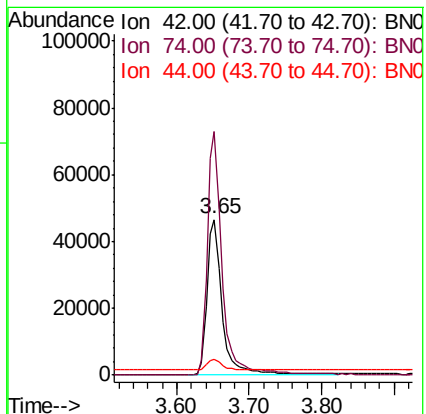
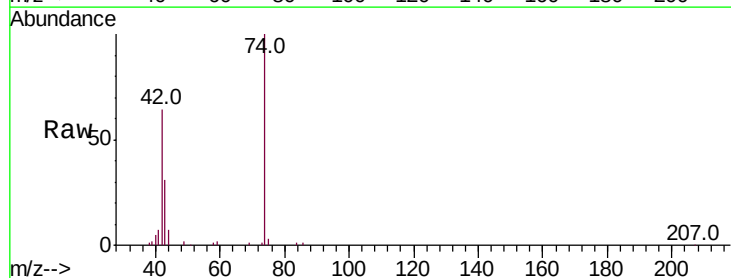
Tgt Ion: 42 Resp: 69347

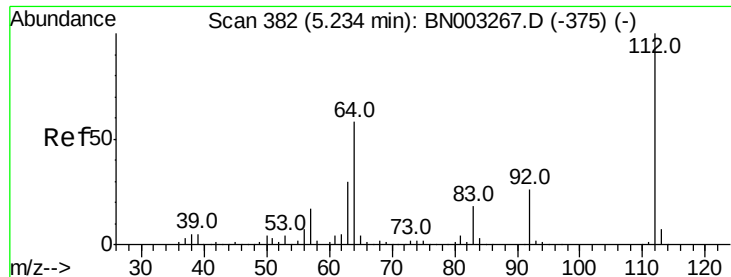
Ion Ratio Lower Upper

42 100

74 156.2 114.2 171.4

44 10.5 6.1 9.1#

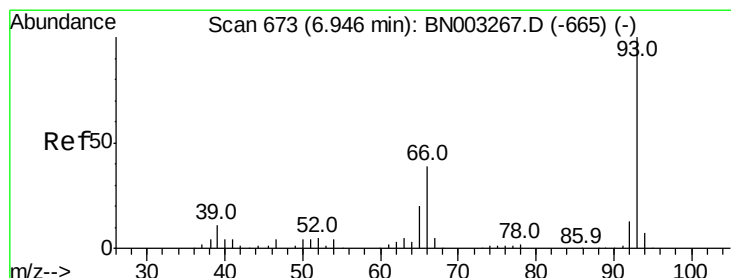
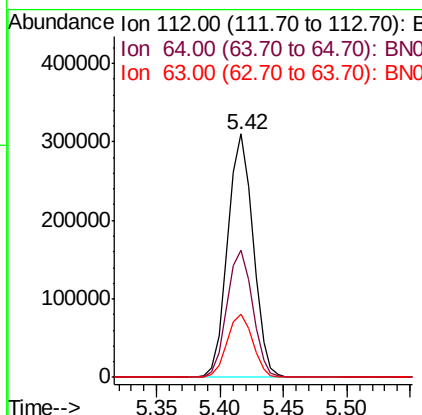
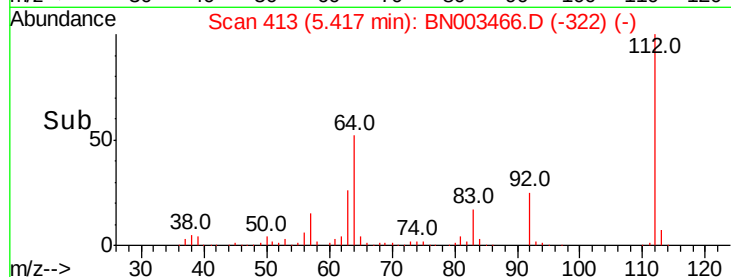
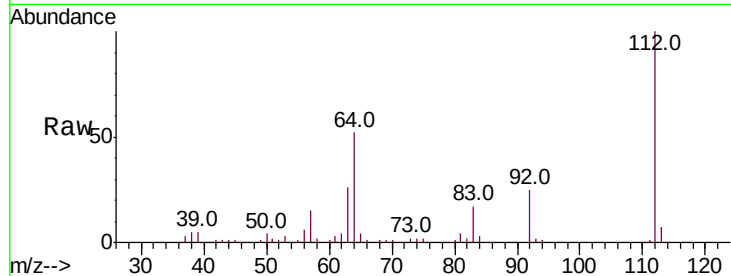




#5
 2-Fluorophenol
 Concen: 66.799 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

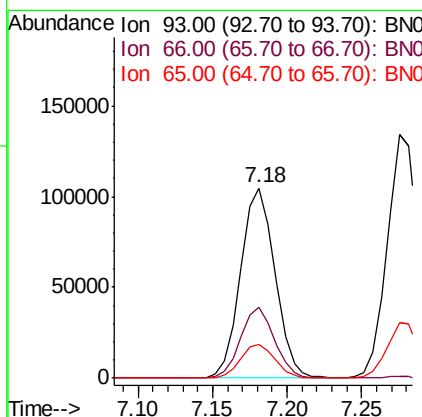
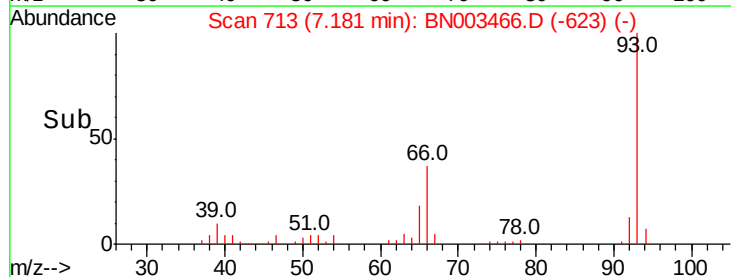
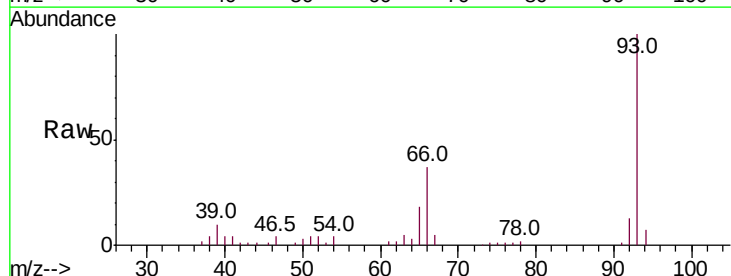
Instrument :
 BNA_N
 ClientSampled :

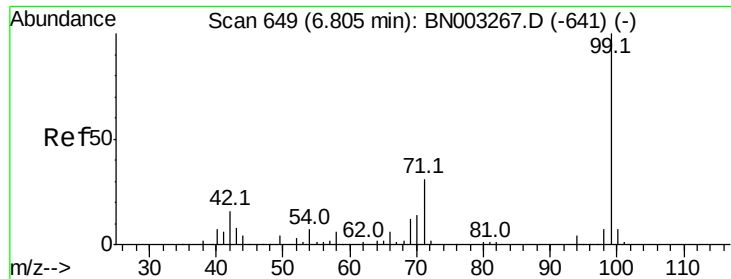
Tot Ion:	112	Resp:	429891
Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.6	69.8
63	25.9	23.8	35.8



#6
 Aniline
 Concen: 14.649 ng
 RT: 7.18 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:	93	Resp:	167394
Ion	Ratio	Lower	Upper
93	100		
66	37.2	31.4	47.0
65	17.9	15.7	23.5





#7

Phenol-d6

Concen: 61.712 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

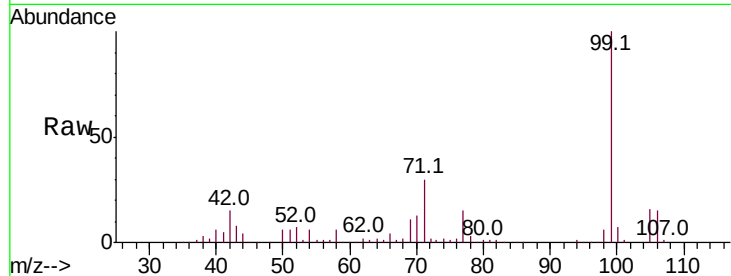
Tot Ion: 99 Resp: 564736

Ion Ratio Lower Upper

99 100

42 14.9 13.0 19.6

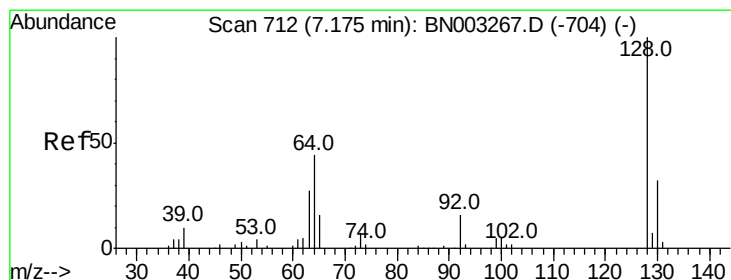
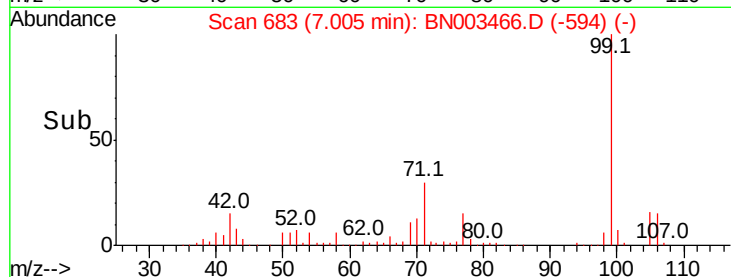
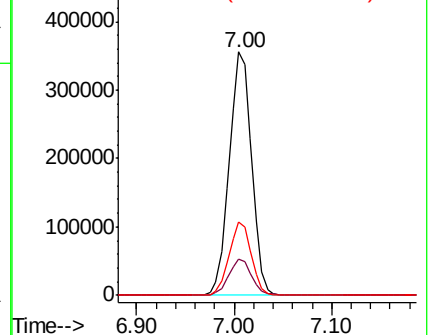
71 30.2 24.5 36.7



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

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

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



#8

2-Chlorophenol

Concen: 30.176 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

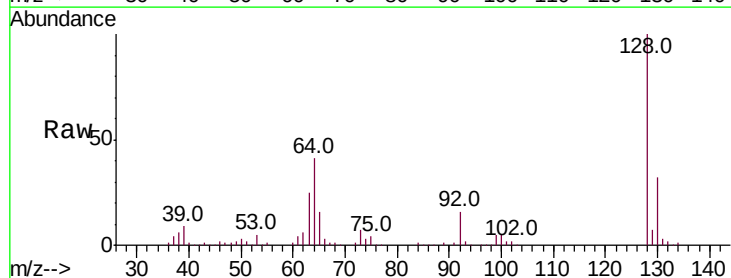
Tgt Ion: 128 Resp: 239195

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

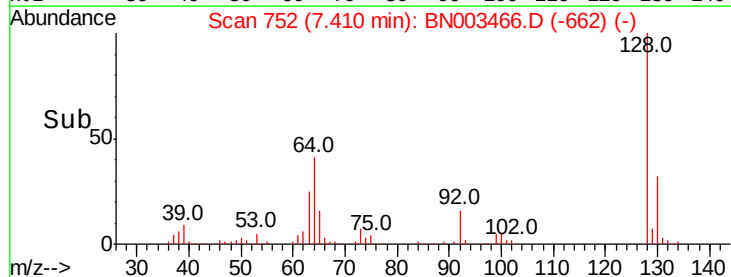
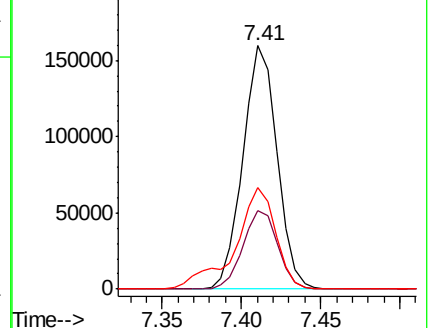
64 41.5 27.0 67.0

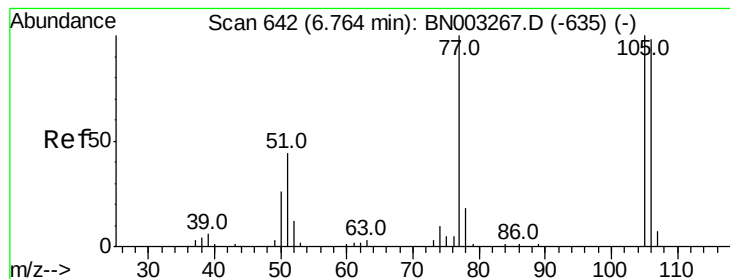


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

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

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





#9

Benzaldehyde

Concen: 22.528 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

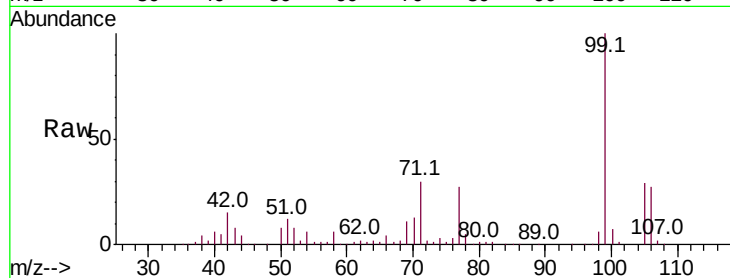
Tot Ion: 77 Resp: 119732

Ion Ratio Lower Upper

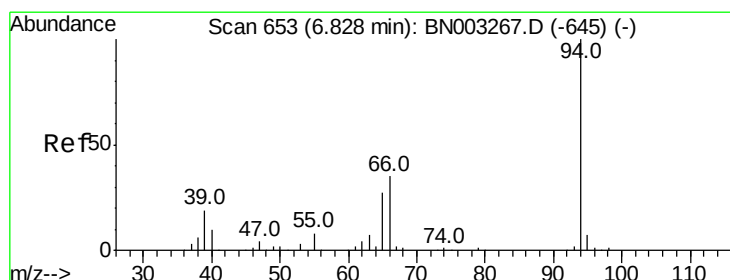
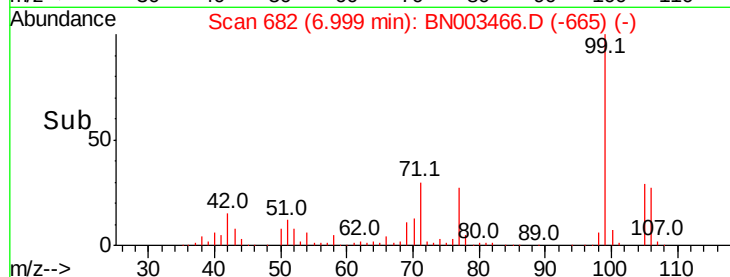
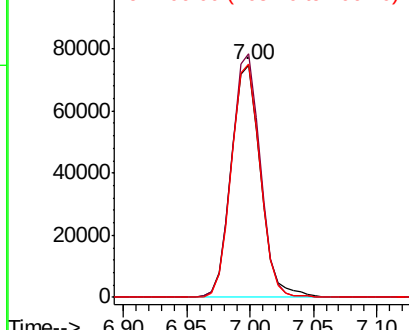
77 100

105 104.7 79.9 119.9

106 100.6 78.4 118.4



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



#10

Phenol

Concen: 29.392 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

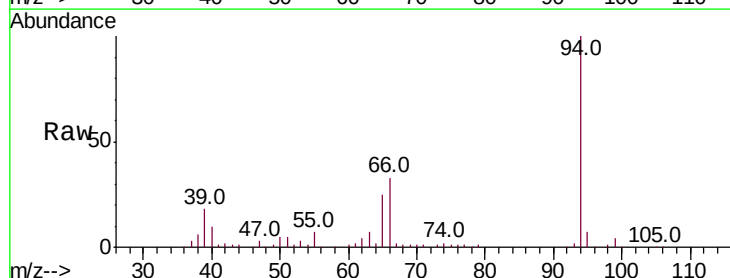
Tgt Ion: 94 Resp: 283836

Ion Ratio Lower Upper

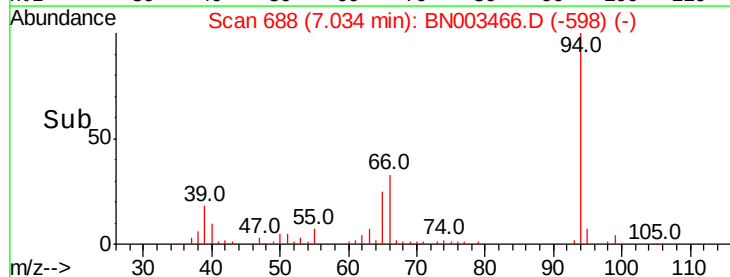
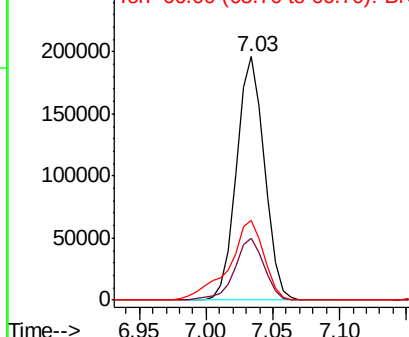
94 100

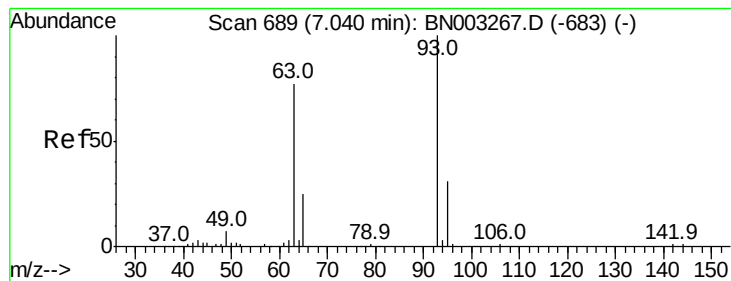
65 25.4 7.7 47.7

66 32.8 15.8 55.8



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





#11

bis(2-Chloroethyl)ether

Concen: 25.467 ng

RT: 7.28 min Scan# 729

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

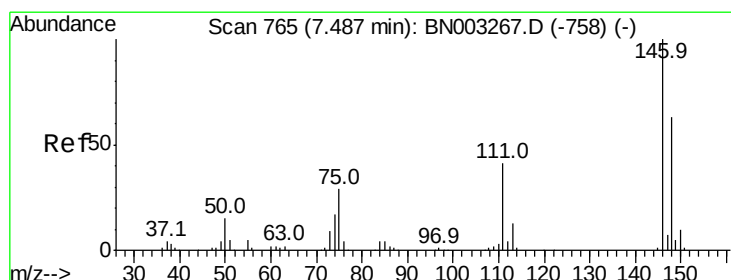
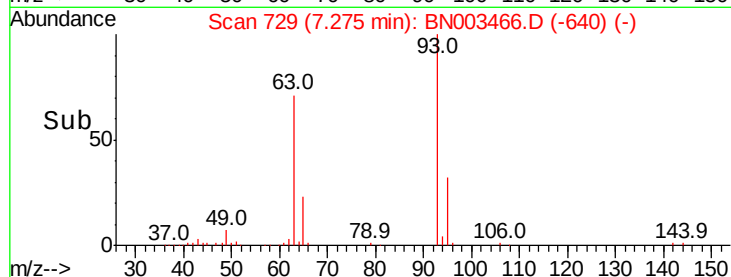
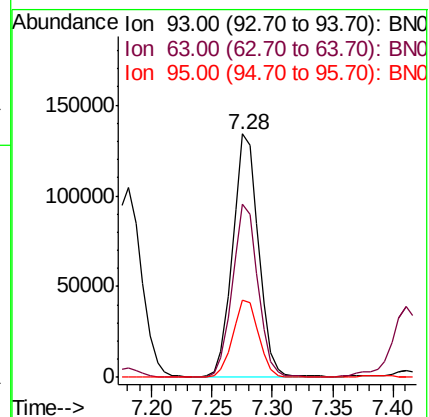
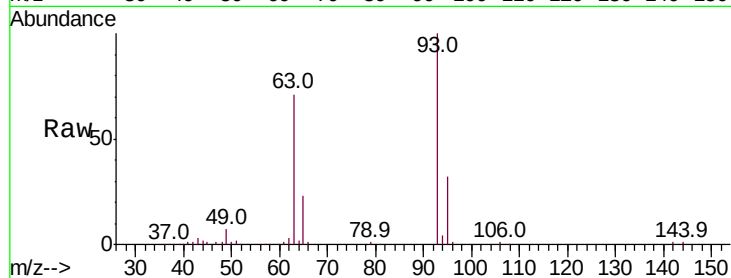
Tot Ion: 93 Resp: 200874

Ion Ratio Lower Upper

93 100

63 71.0 56.6 96.6

95 31.6 10.9 50.9



#12

1,3-Dichlorobenzene

Concen: 27.212 ng

RT: 7.73 min Scan# 807

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

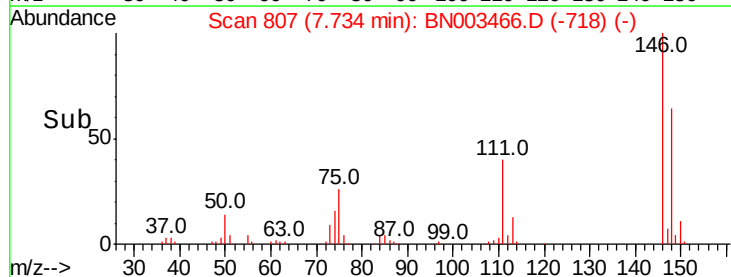
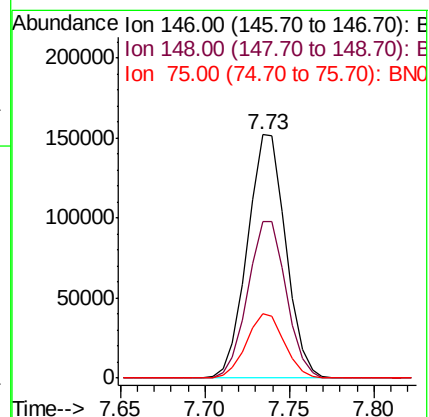
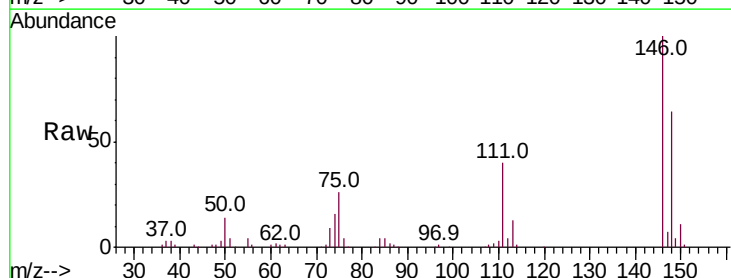
Tgt Ion: 146 Resp: 239824

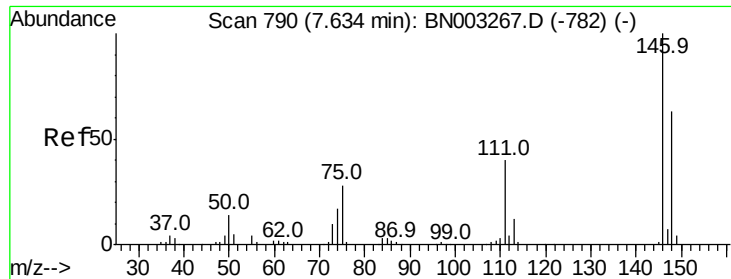
Ion Ratio Lower Upper

146 100

148 64.3 50.1 75.1

75 26.3 22.9 34.3

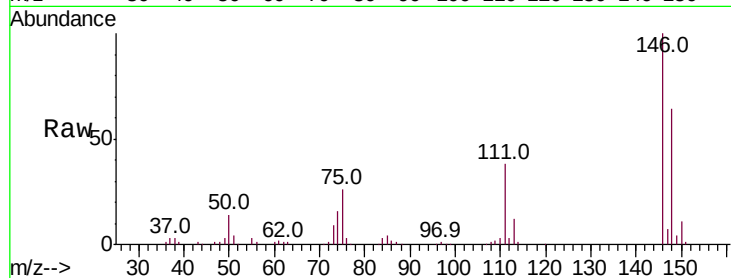




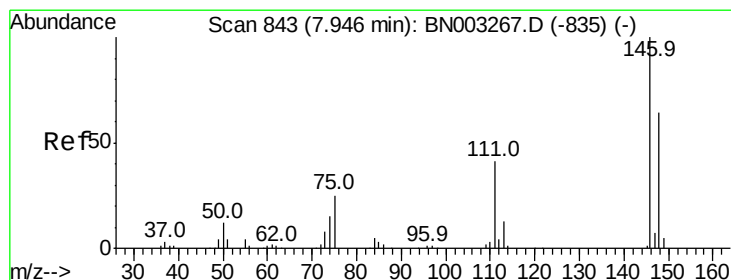
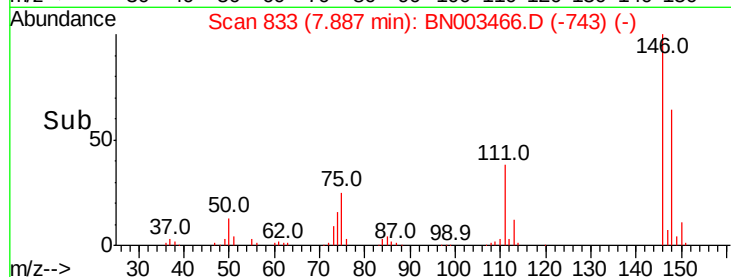
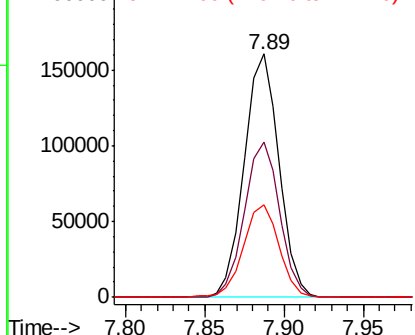
#13
 1,4-Dichlorobenzene
 Concen: 27.036 ng
 RT: 7.89 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 245344
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.2
 111 38.3 32.1 48.1

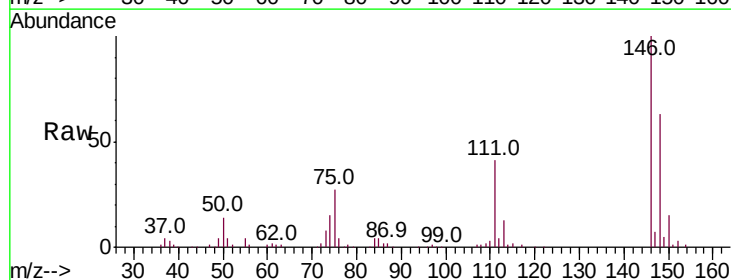


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

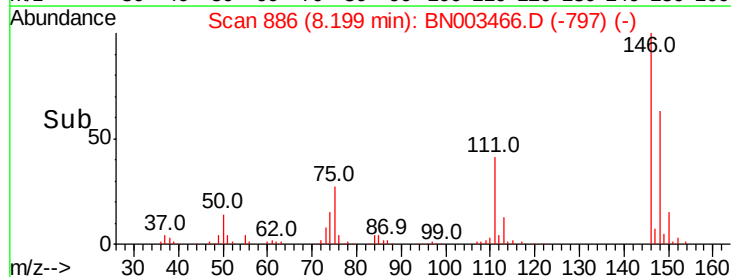
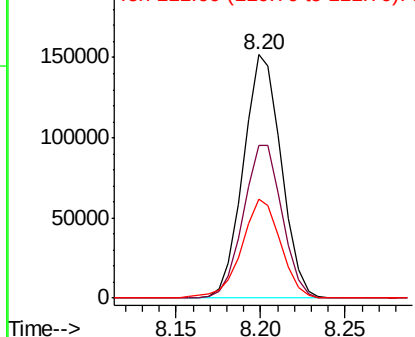


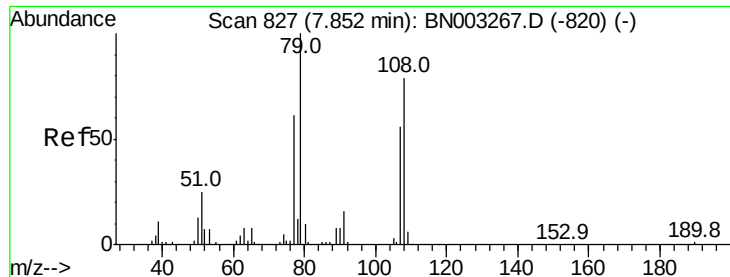
#14
 1,2-Dichlorobenzene
 Concen: 26.892 ng
 RT: 8.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:146 Resp: 236843
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.2
 111 40.7 33.1 49.7



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

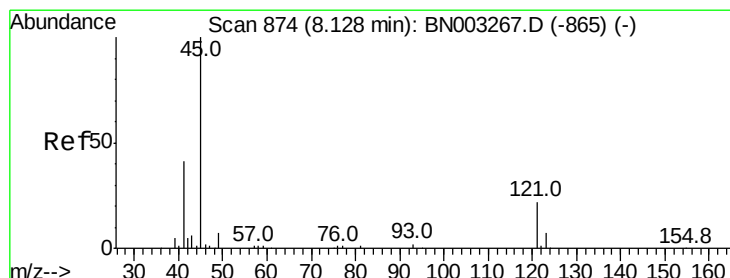
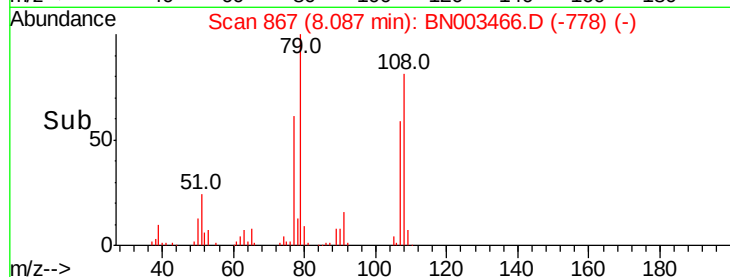
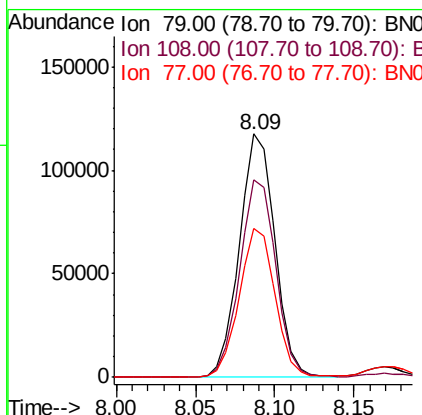
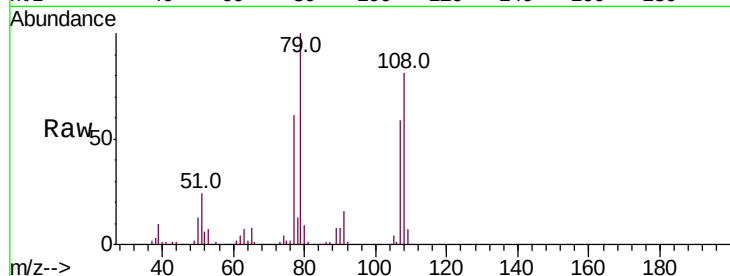




#15
Benzyl Alcohol
Concen: 27.844 ng
RT: 8.09 min Scan# 867
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

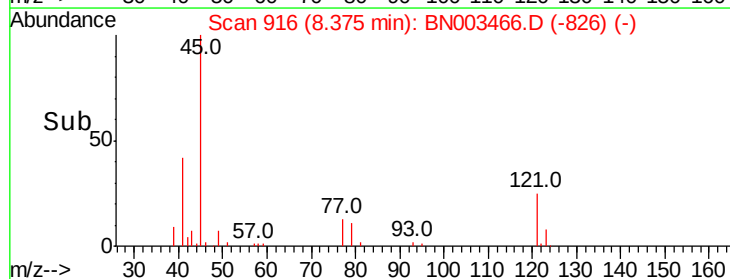
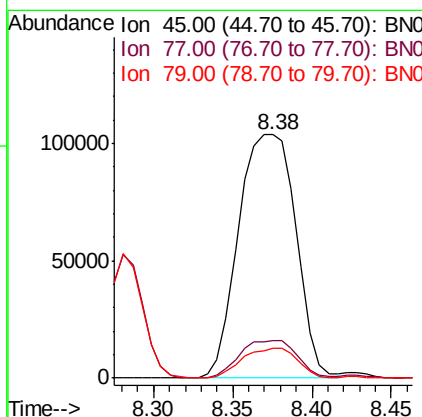
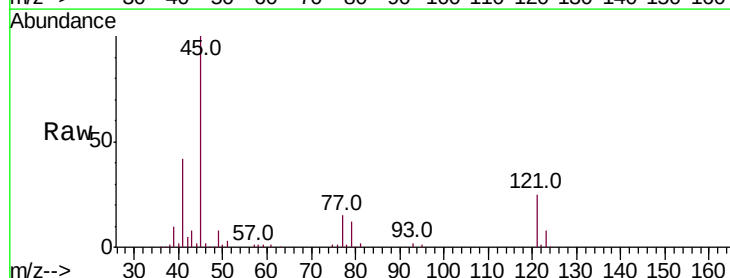
Instrument :
BNA_N
ClientSampleId :

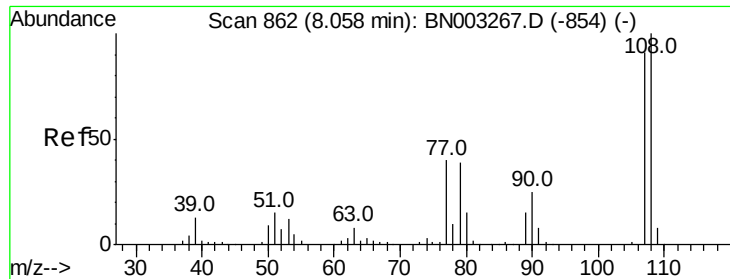
Tot Ion: 79 Resp: 183618
Ion Ratio Lower Upper
79 100
108 80.9 63.3 94.9
77 60.9 49.0 73.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.540 ng
RT: 8.38 min Scan# 916
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion: 45 Resp: 260661
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.0
79 12.2 0.0 30.9

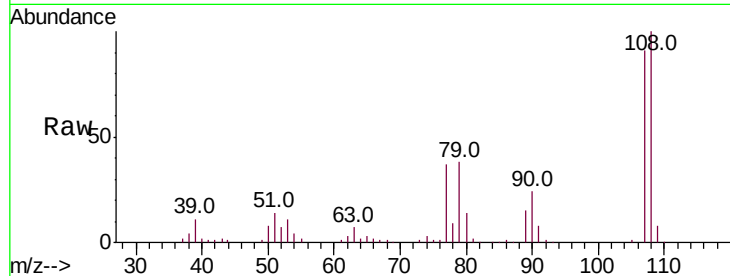




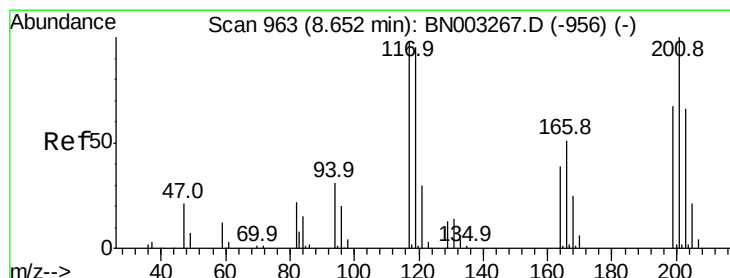
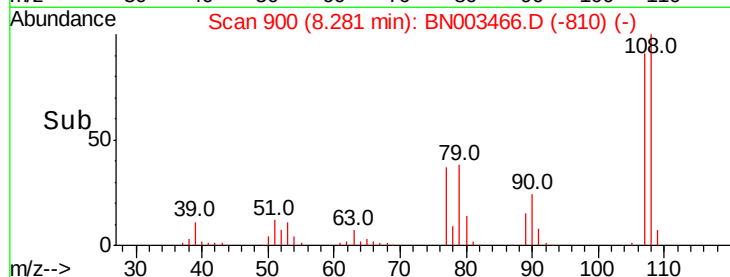
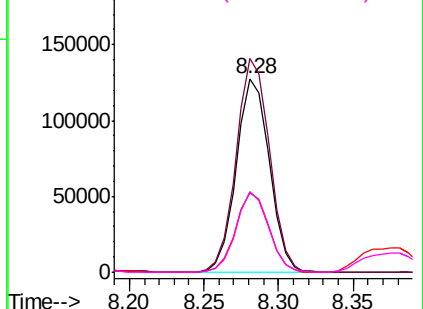
#17
2-Methylphenol
Concen: 29.930 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampled :

Tot Ion:107 Resp: 197535
Ion Ratio Lower Upper
107 100
108 110.3 87.6 131.4
77 41.3 35.3 52.9
79 41.6 34.2 51.4

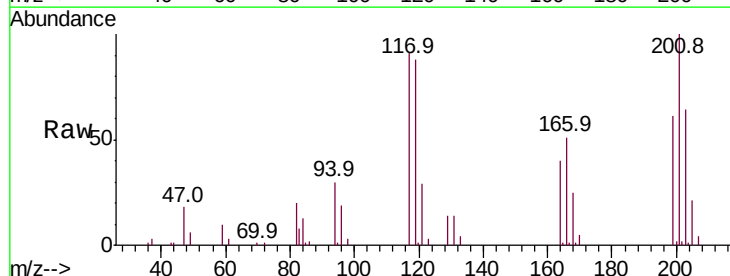


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

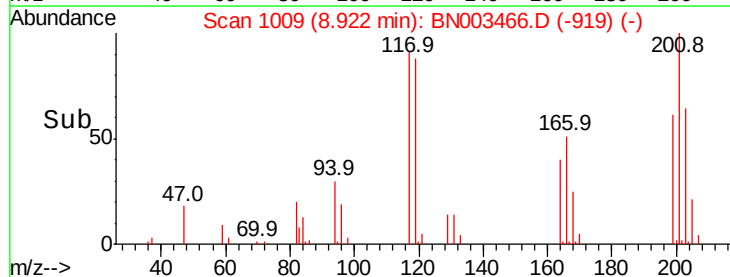
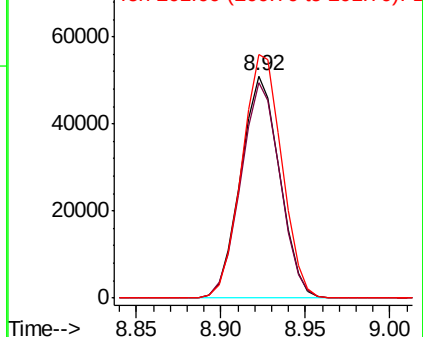


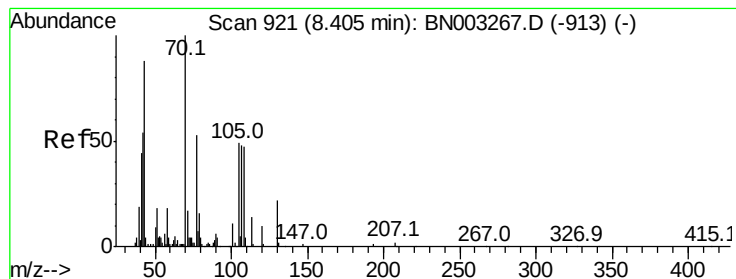
#18
Hexachloroethane
Concen: 25.820 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:117 Resp: 82084
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.6
201 109.6 81.4 122.2



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: 23.193 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 153046

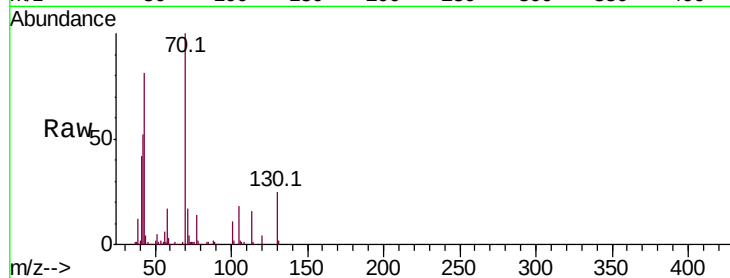
Ion Ratio Lower Upper

70 100

42 52.4 43.5 65.3

101 11.0 8.6 12.8

130 25.1 18.0 27.0

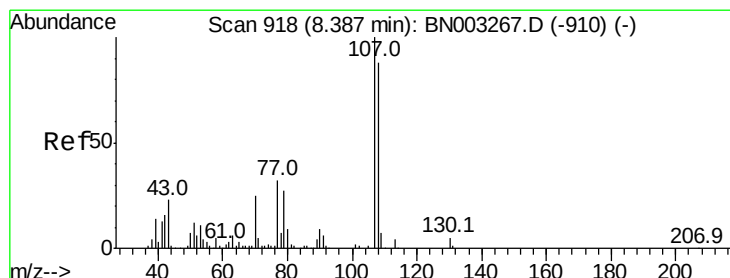
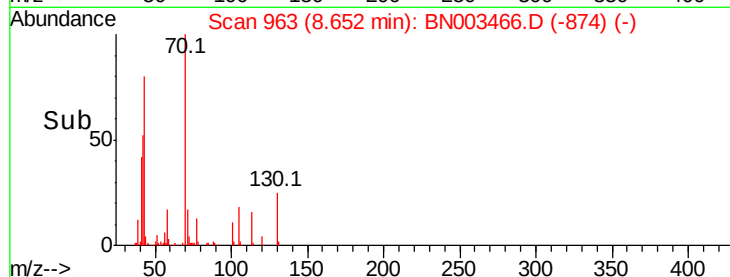
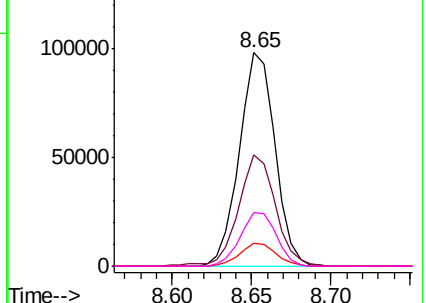


Abundance Ion 70.00 (69.70 to 70.70): BN0

150000 Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 28.422 ng

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion: 107 Resp: 266461

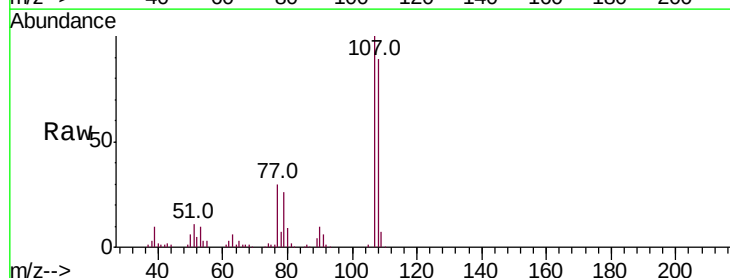
Ion Ratio Lower Upper

107 100

108 88.9 67.8 107.8

77 29.7 12.1 52.1

79 26.2 7.2 47.2

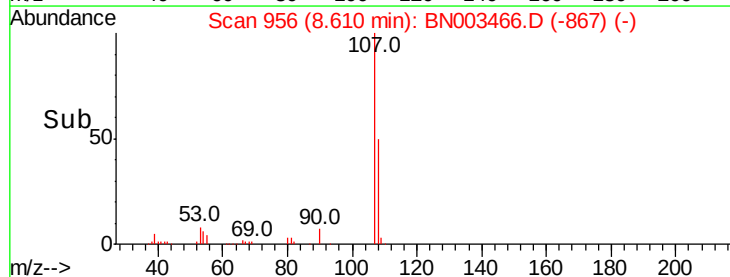
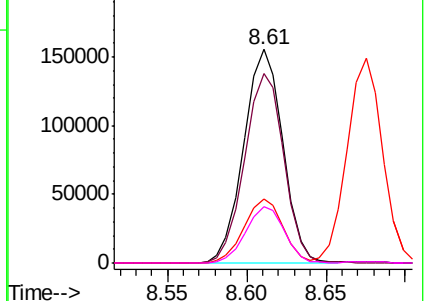


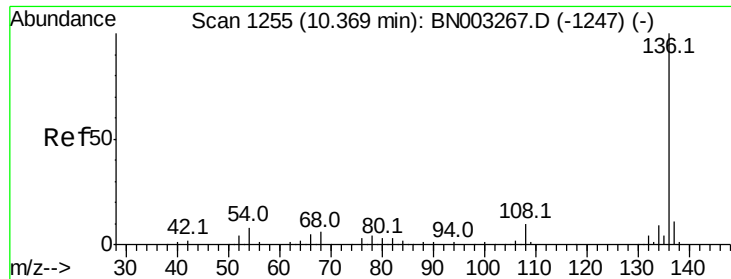
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

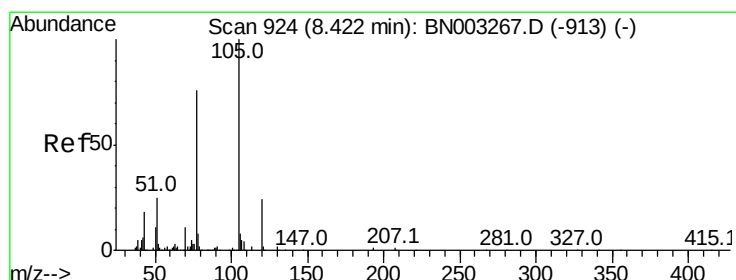
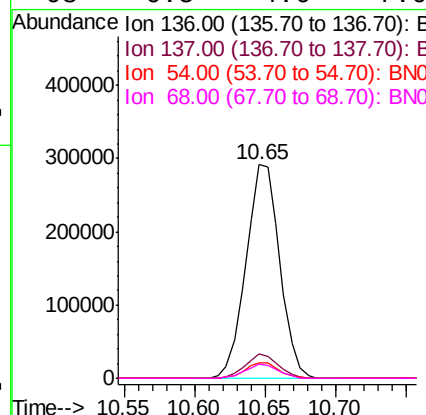
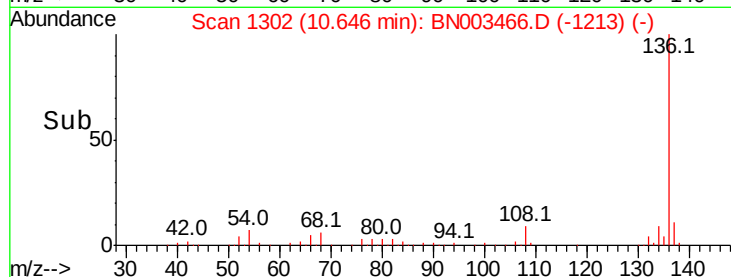
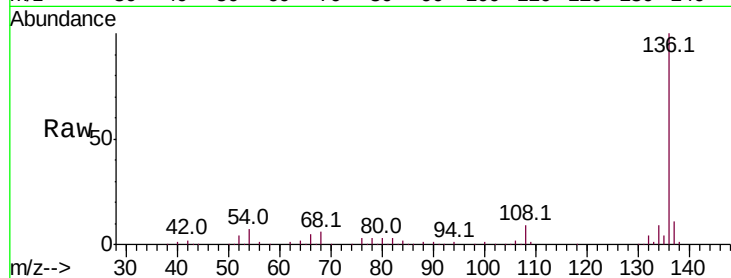




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

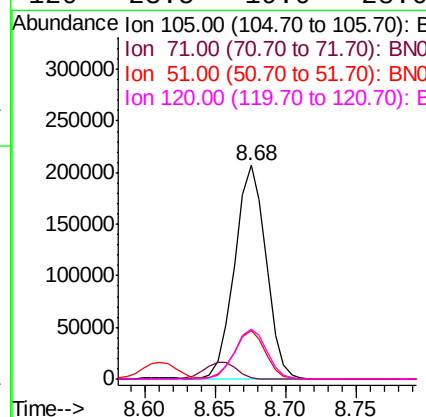
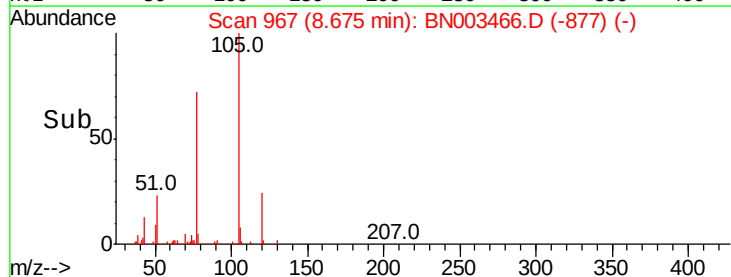
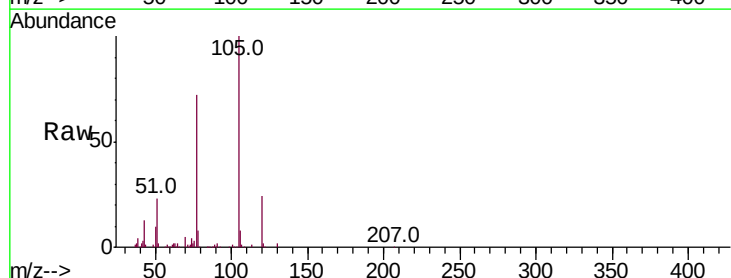
Instrument :
BNA_N
ClientSampleId :

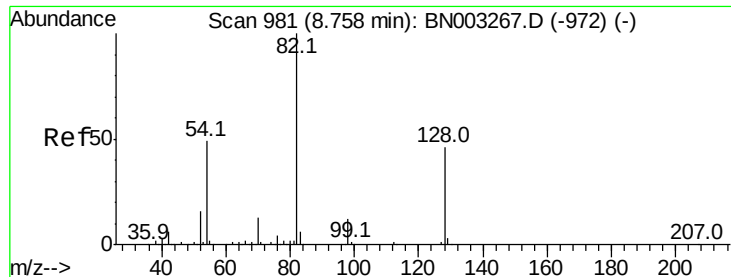
Tot Ion:136	Resp:	487690	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.7	13.1	
54 7.2	6.6	10.0	
68 6.5	4.6	7.0	



#22
Acetophenone
Concen: 27.177 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt	Ion:105	Resp:	321273
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.3	1.9#
51	22.5	20.5	30.7
120	23.5	19.0	28.6





#23

Nitrobenzene-d5

Concen: 54.587 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

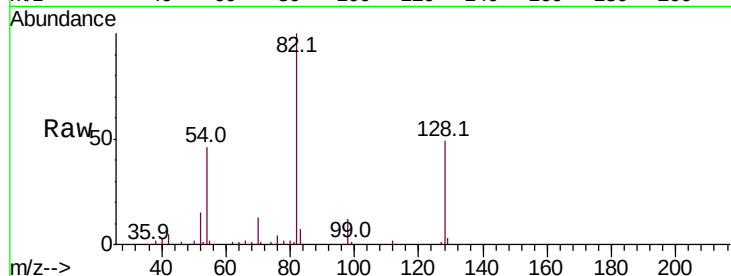
Tot Ion: 82 Resp: 464200

Ion Ratio Lower Upper

82 100

128 49.0 37.1 55.7

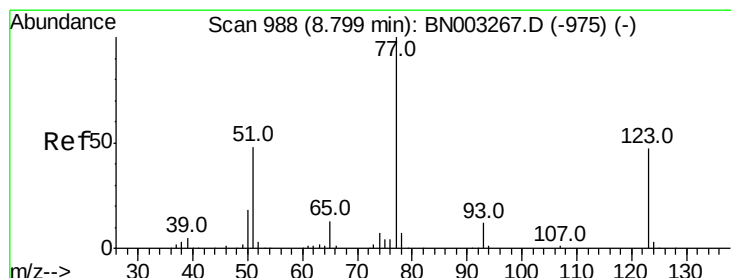
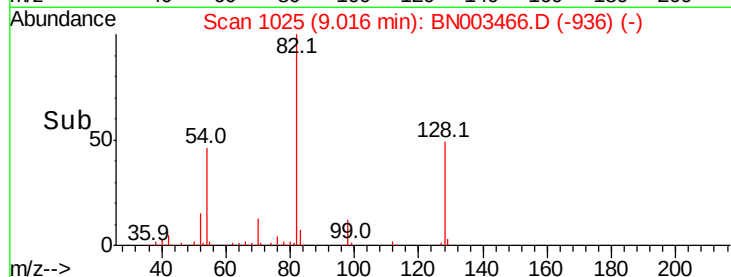
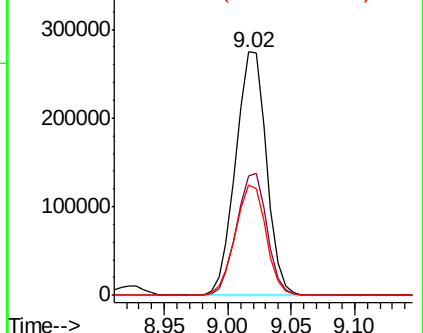
54 45.5 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BN003267.D (-972) (-)

Ion 128.00 (127.70 to 128.70): BN003267.D (-972) (-)

Ion 54.00 (53.70 to 54.70): BN003267.D (-972) (-)



#24

Nitrobenzene

Concen: 25.873 ng

RT: 9.06 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

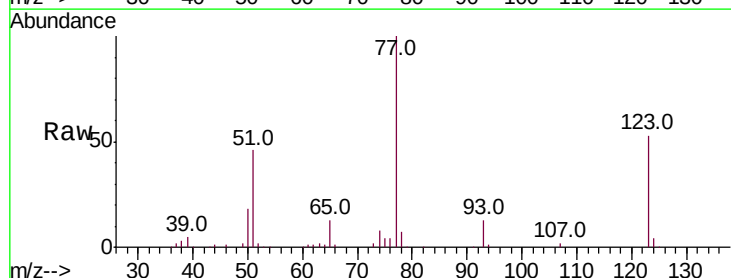
Tgt Ion: 77 Resp: 224515

Ion Ratio Lower Upper

77 100

123 53.1 37.8 56.6

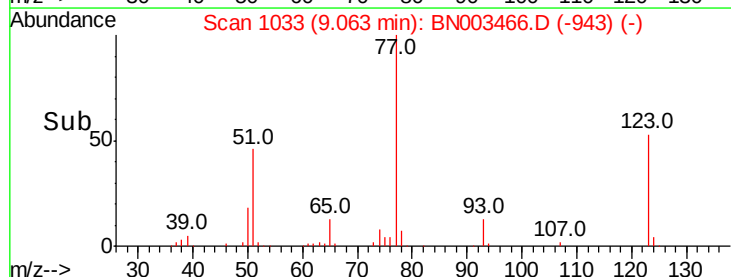
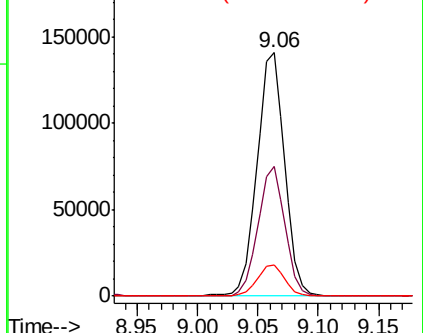
65 12.9 10.7 16.1

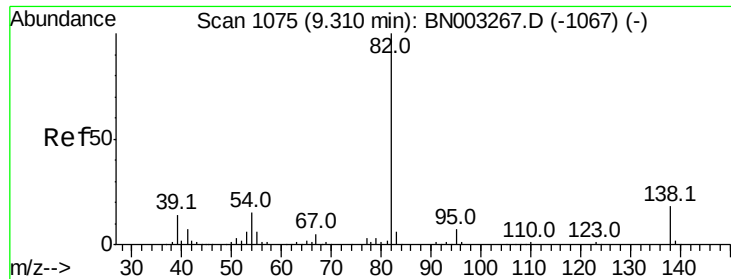


Abundance Ion 77.00 (76.70 to 77.70): BN003267.D (-975) (-)

Ion 123.00 (122.70 to 123.70): BN003267.D (-975) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-975) (-)

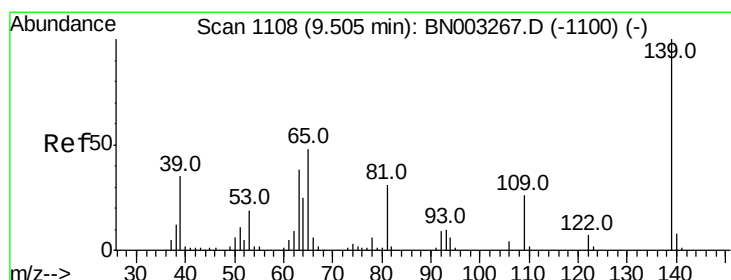
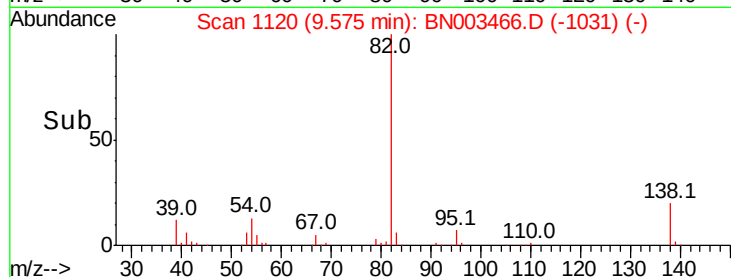
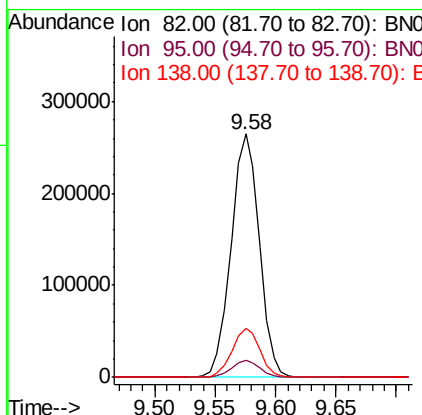
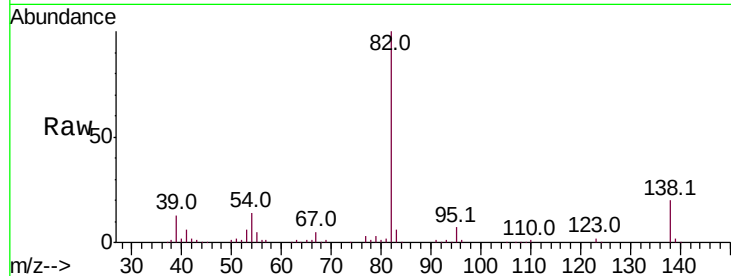




#25
Isophorone
Concen: 28.871 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

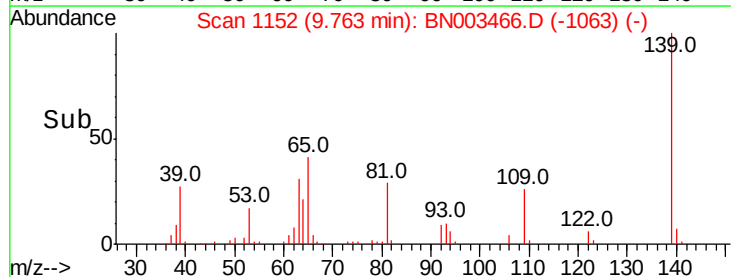
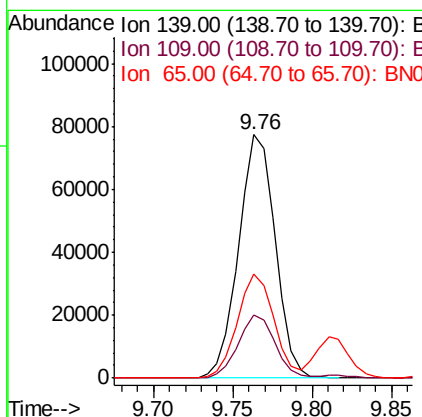
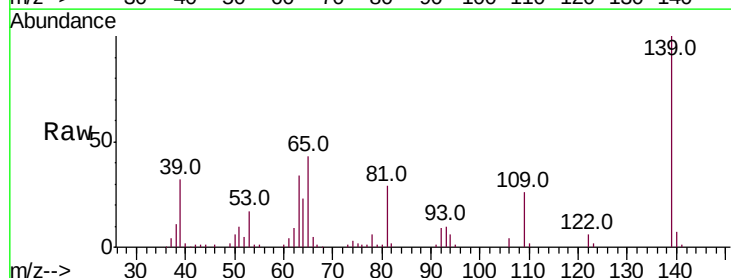
Instrument :
BNA_N
ClientSampleId :

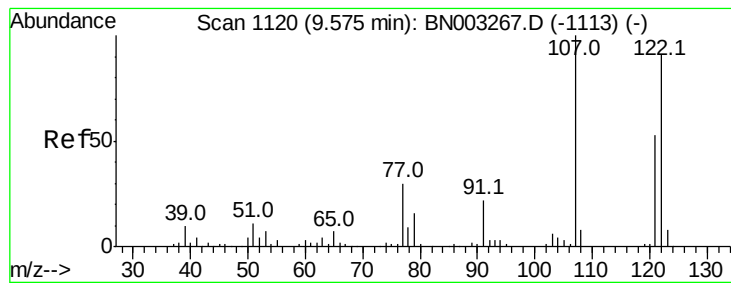
Tot Ion: 82 Resp: 430662
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 20.3 14.5 21.7



#26
2-Nitrophenol
Concen: 27.165 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion: 139 Resp: 124073
Ion Ratio Lower Upper
139 100
109 26.0 20.5 30.7
65 42.8 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 35.420 ng

RT: 9.81 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

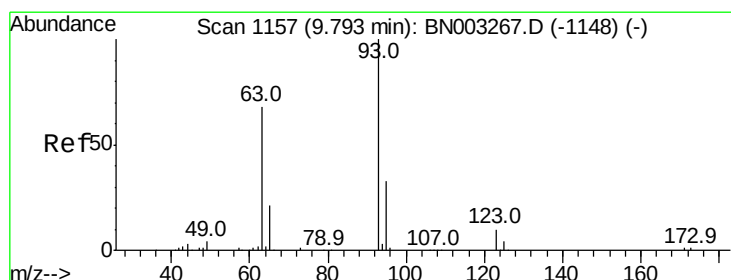
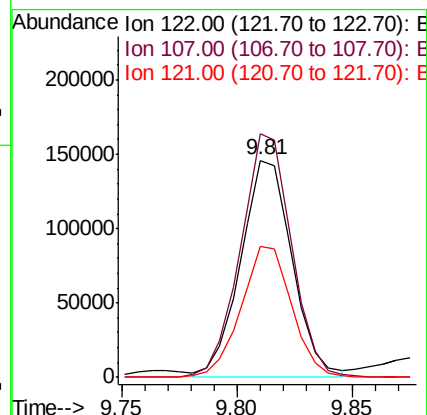
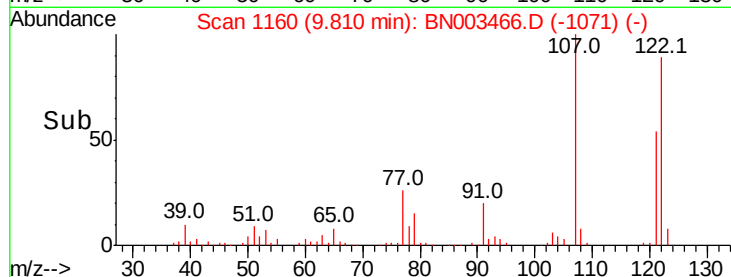
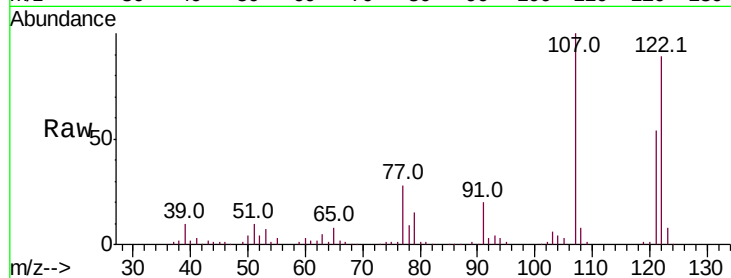
Tot Ion:122 Resp: 227465

Ion Ratio Lower Upper

122 100

107 112.2 87.8 131.6

121 60.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 28.148 ng

RT: 10.06 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

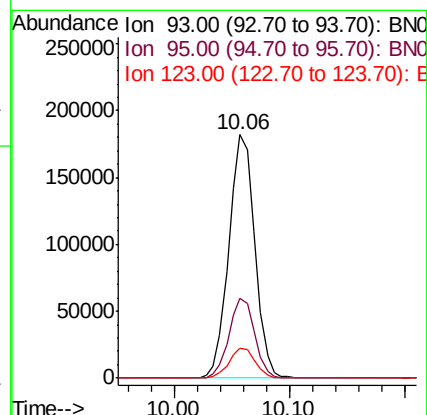
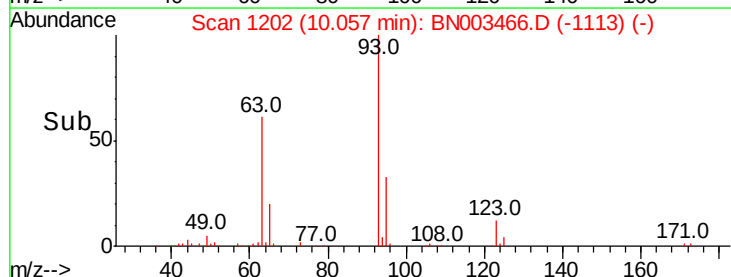
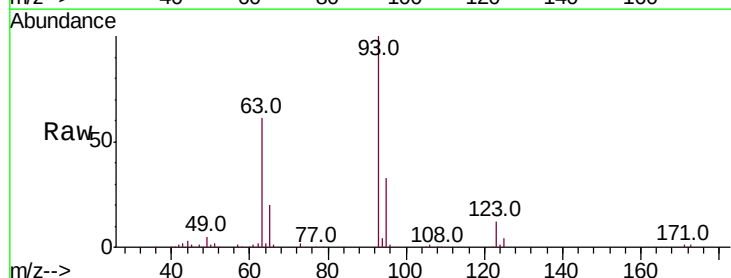
Tgt Ion: 93 Resp: 282868

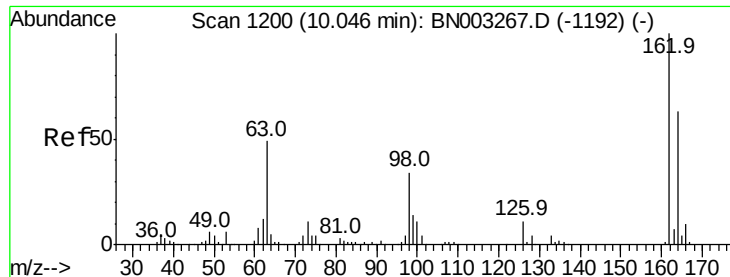
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.4 9.1 13.7

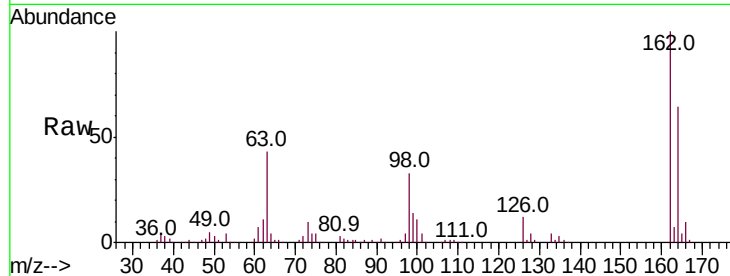




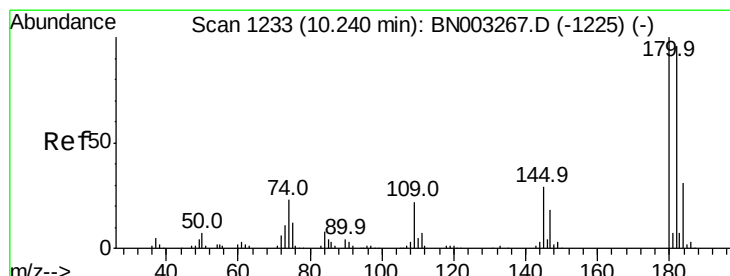
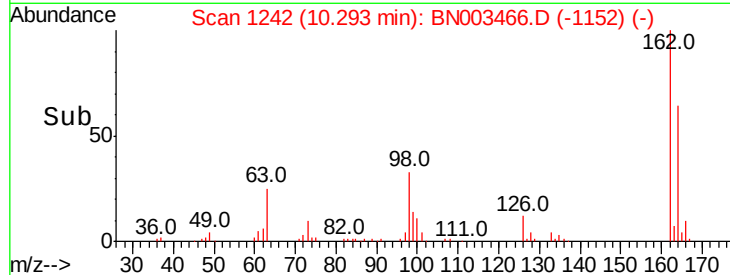
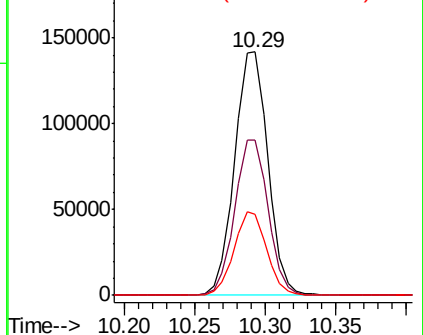
#29
 2,4-Dichlorophenol
 Concen: 31.923 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.5	82.5
98	33.2	14.0	54.0

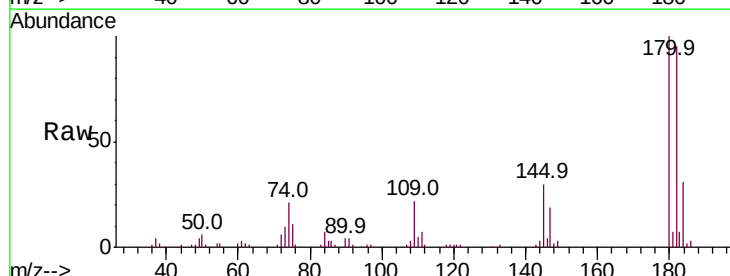


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

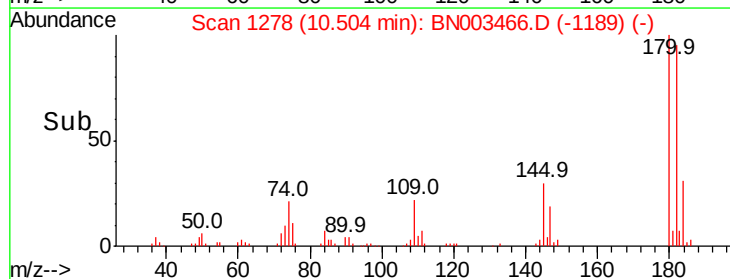
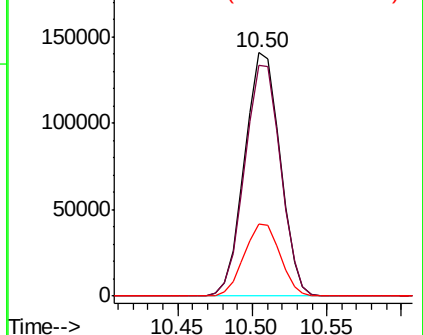


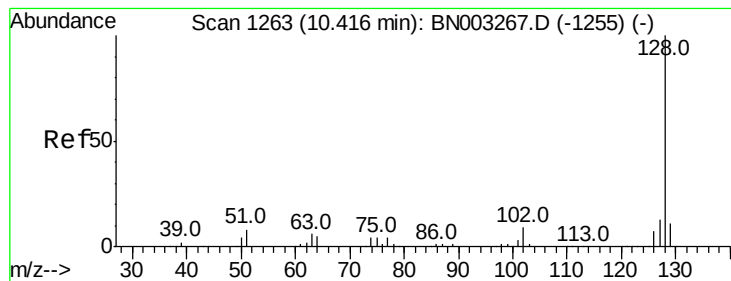
#30
 1,2,4-Trichlorobenzene
 Concen: 27.918 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	29.8	23.6	35.4



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





#31

Naphthalene

Concen: 29.678 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

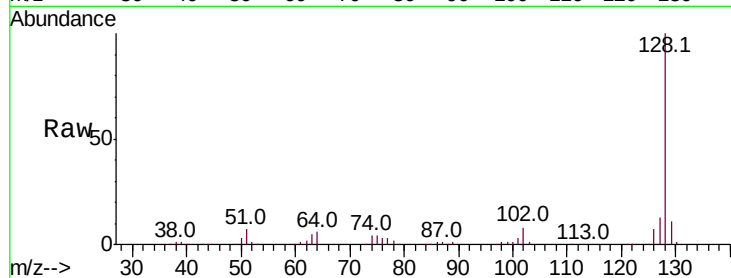
Tot Ion:128 Resp: 707278

Ion Ratio Lower Upper

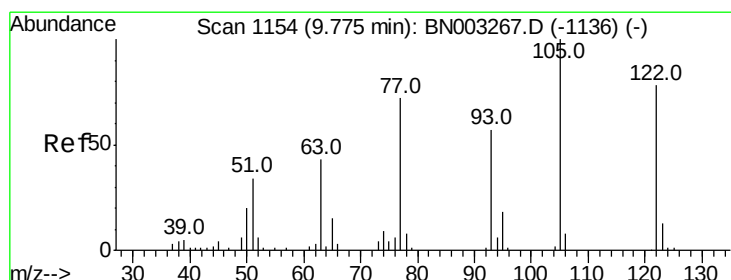
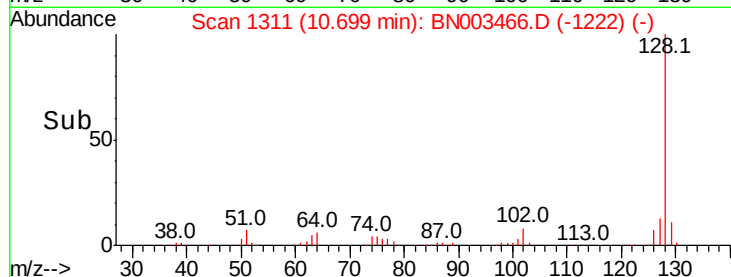
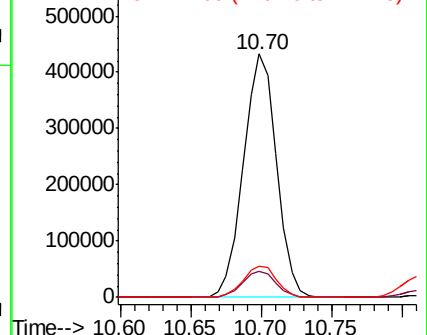
128 100

129 10.9 9.0 13.6

127 13.0 10.4 15.6



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



#32

Benzoic acid

Concen: 26.721 ng

RT: 9.93 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

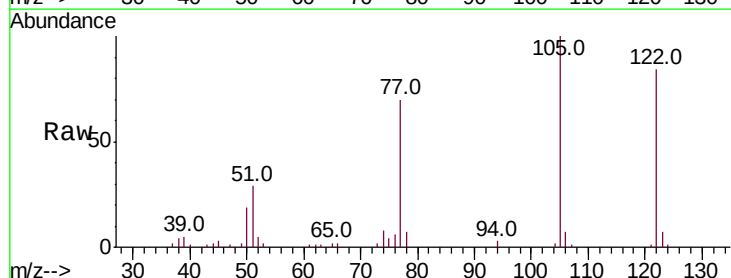
Tgt Ion:122 Resp: 133188

Ion Ratio Lower Upper

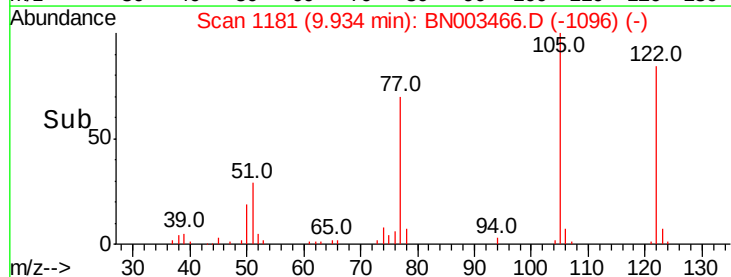
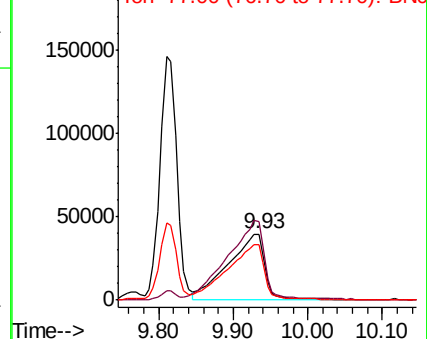
122 100

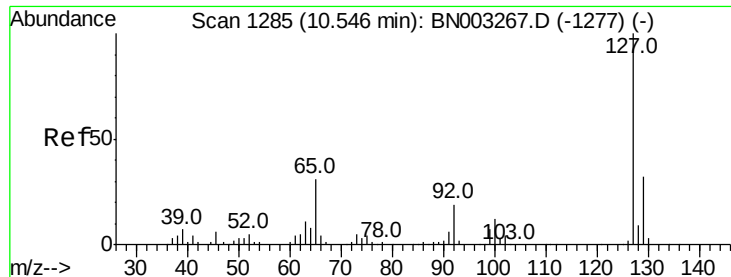
105 118.7 106.8 146.8

77 83.0 71.9 111.9



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

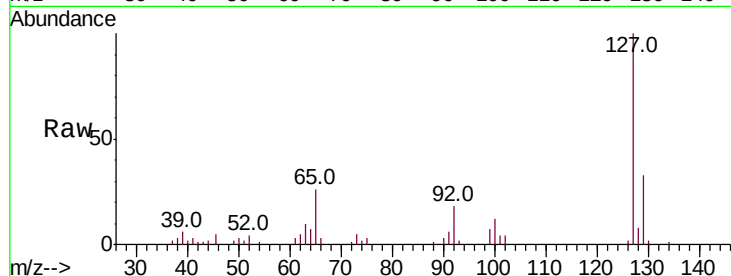




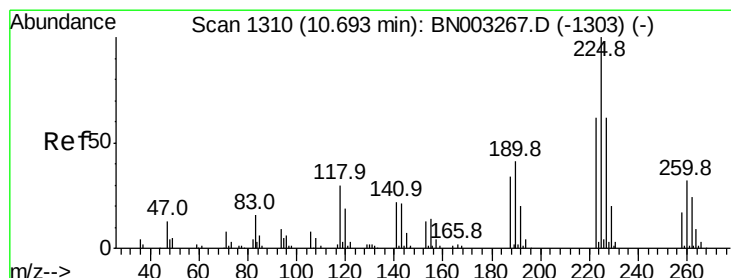
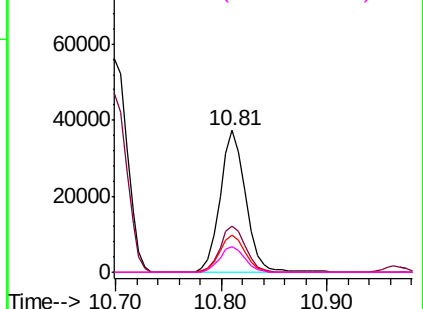
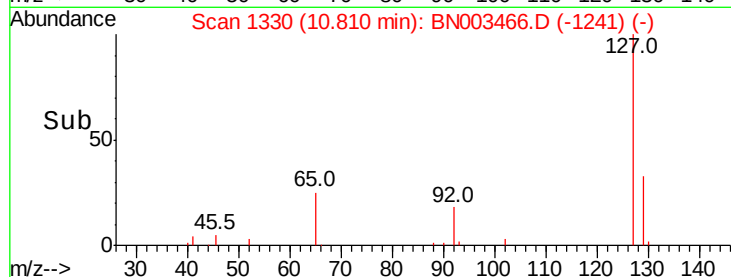
#33
4-Chloroaniline
Concen: 5.975 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	62917
Ion	Ratio	Lower Upper
127	100	
129	32.6	25.8 38.6
65	26.2	24.6 36.8
92	18.3	15.3 22.9

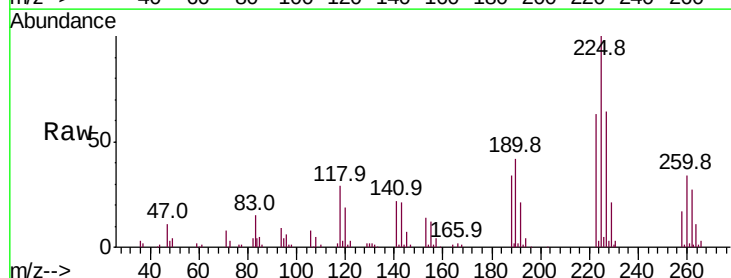


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

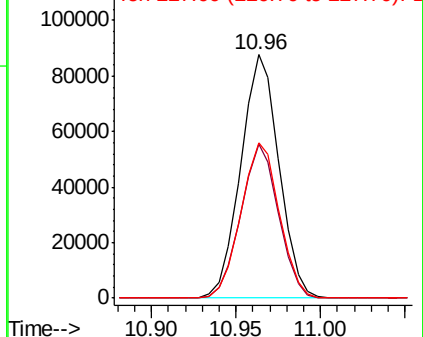
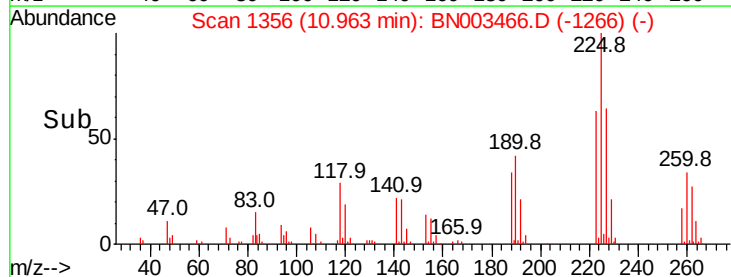


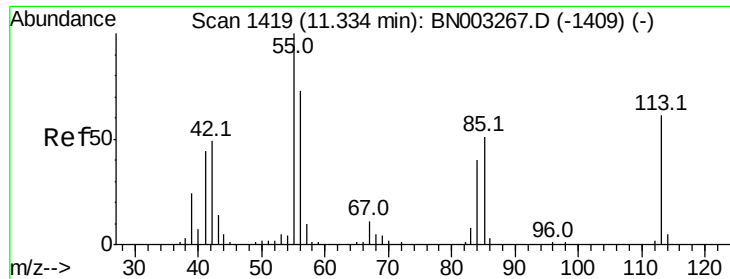
#34
Hexachlorobutadiene
Concen: 27.750 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:225	Resp:	137962
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.8 74.8
227	63.9	49.6 74.4



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: 13.184 ng

RT: 11.59 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

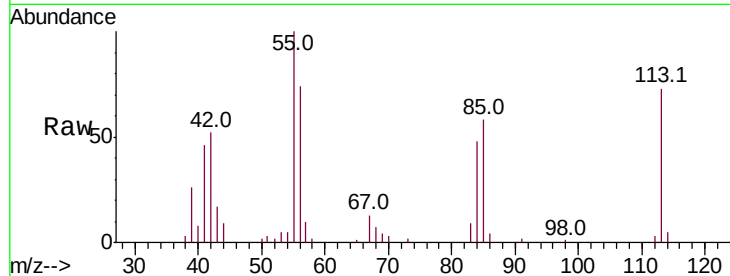
Tot Ion:113 Resp: 37830

Ion Ratio Lower Upper

113 100

55 137.0 144.2 184.2#

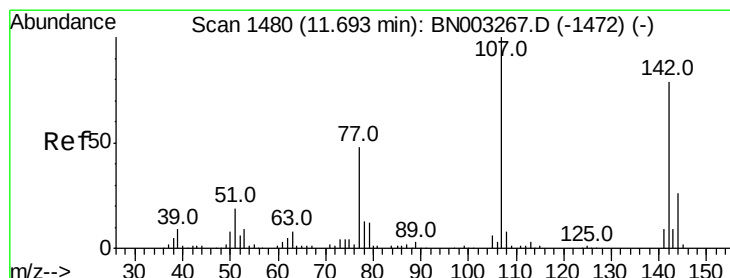
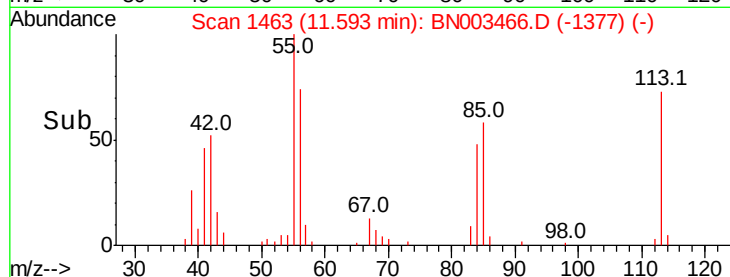
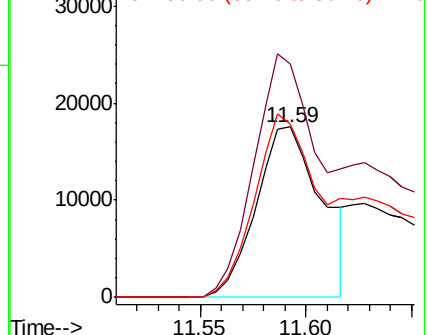
56 101.7 100.6 140.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN

Ion 56.00 (55.70 to 56.70): BN



#36

4-Chloro-3-methylphenol

Concen: 28.196 ng

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

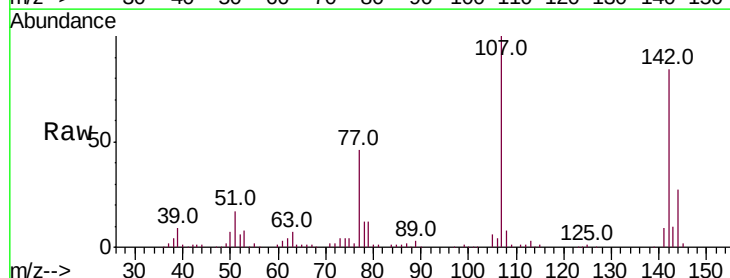
Tgt Ion:107 Resp: 230463

Ion Ratio Lower Upper

107 100

144 27.4 20.8 31.2

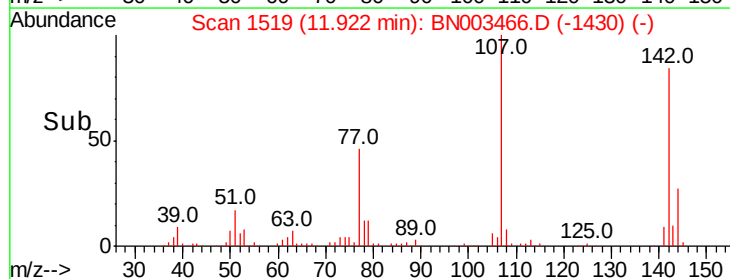
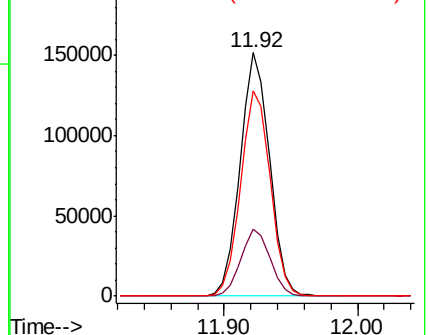
142 84.5 63.5 95.3

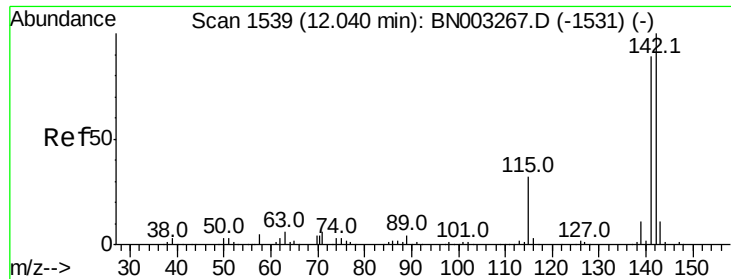


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

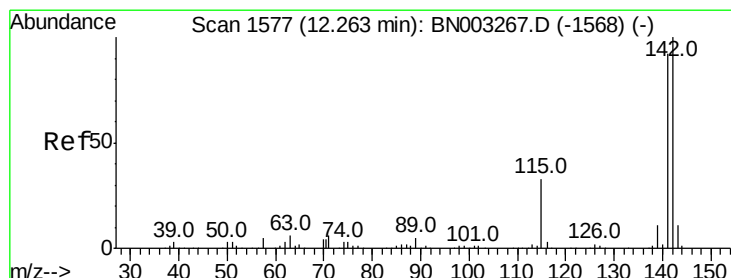
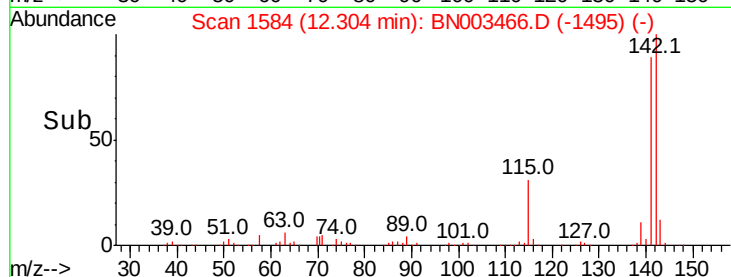
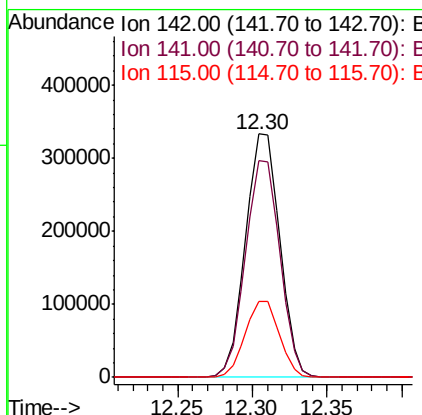
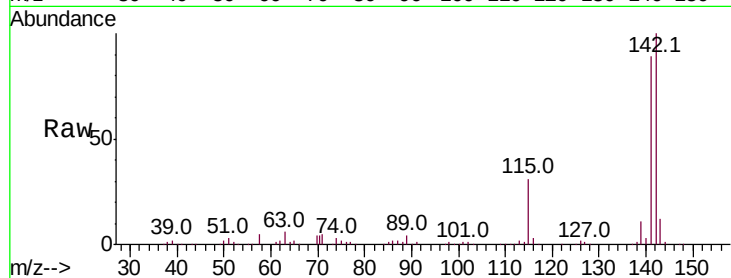




#37
 2-Methylnaphthalene
 Concen: 31.251 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

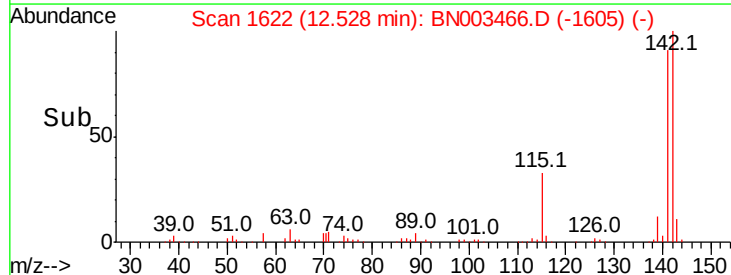
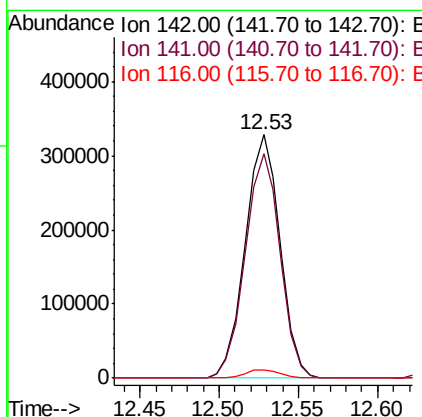
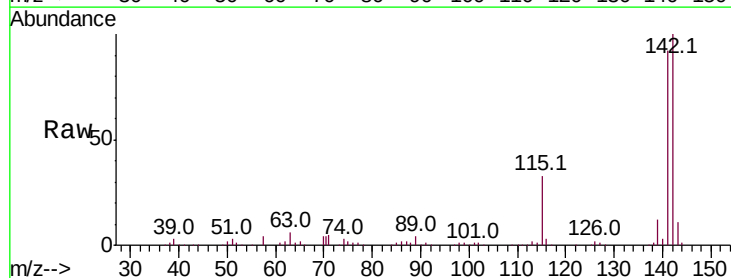
Instrument :
 BNA_N
 ClientSampleId :

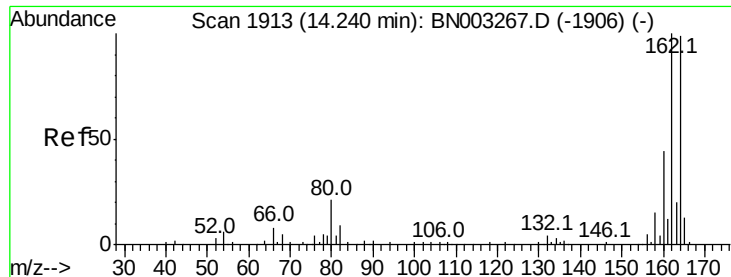
Tot Ion:142 Resp: 532233
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 31.4 25.5 38.3



#38
 1-Methylnaphthalene
 Concen: 30.115 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:142 Resp: 500929
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.6 110.4
 116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

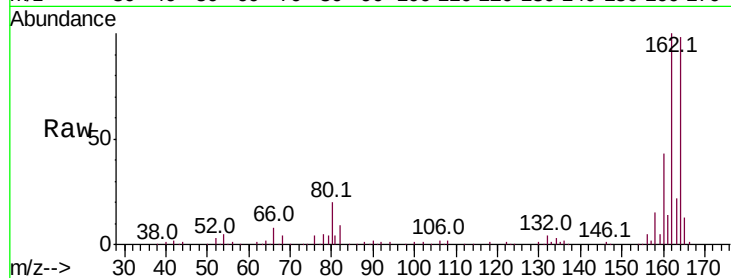
Tot Ion:164 Resp: 280608

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

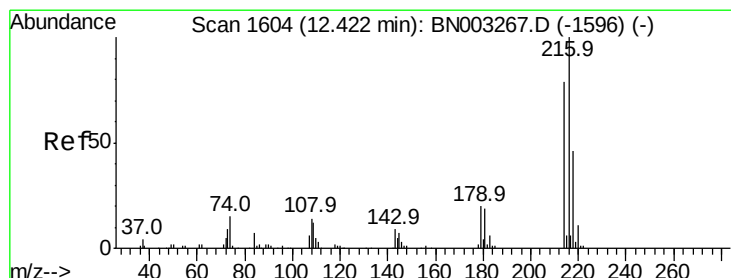
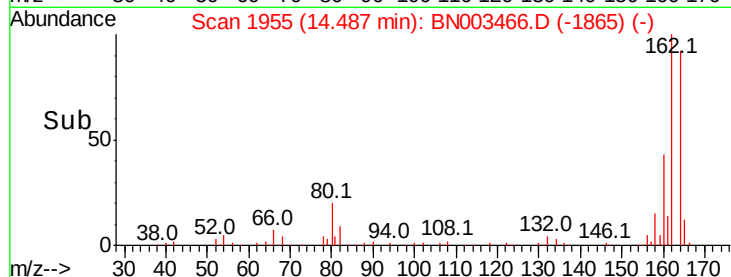
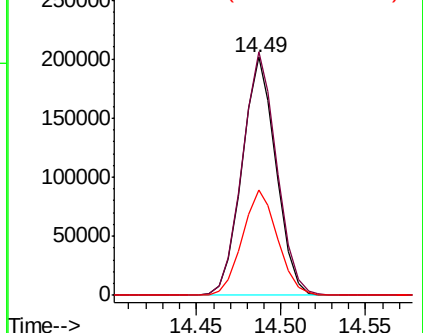
160 44.5 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.383 ng

RT: 12.67 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion:216 Resp: 272760

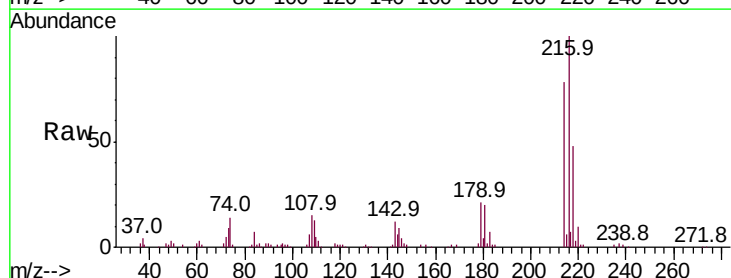
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 20.8 16.0 24.0

108 18.3 12.9 19.3

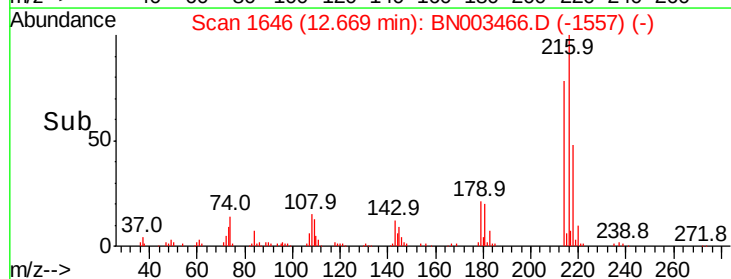
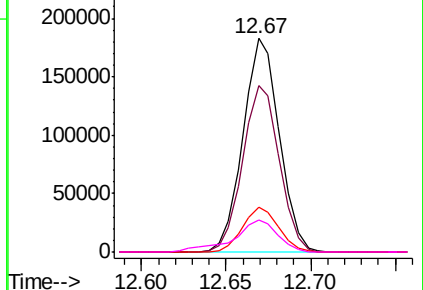


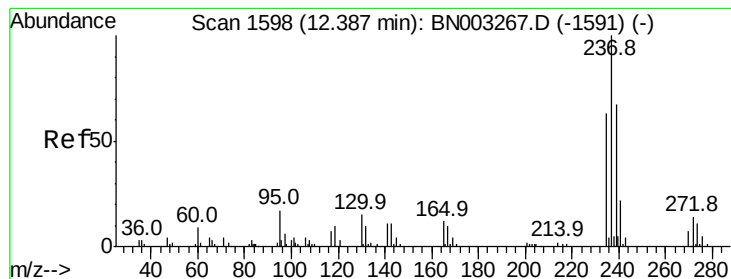
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.472 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

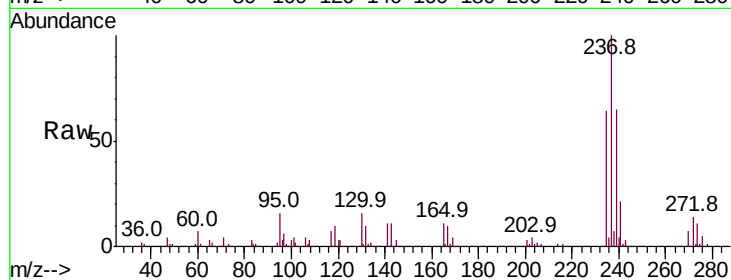
Instrument :

BNA_N

ClientSampleId :

Tot Ion:237 Resp: 346810

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.8	82.8
272	13.8	0.0	33.5

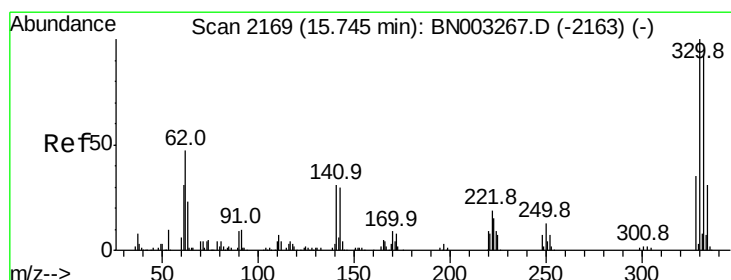
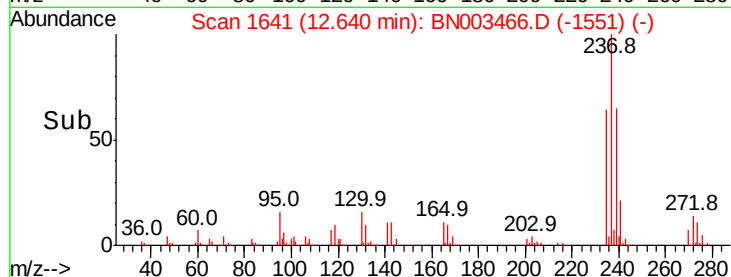
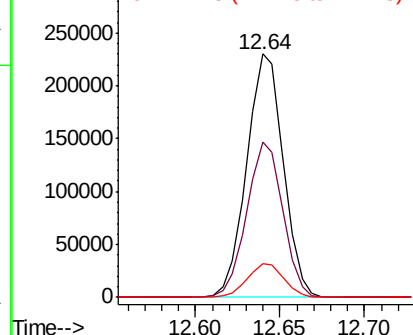


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 61.667 ng

RT: 15.97 min Scan# 2208

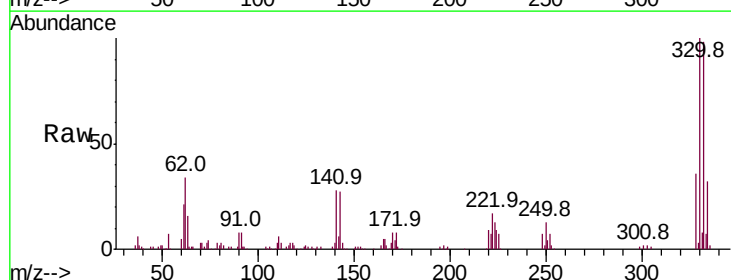
Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion:330 Resp: 233008

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	28.6	24.5	36.7

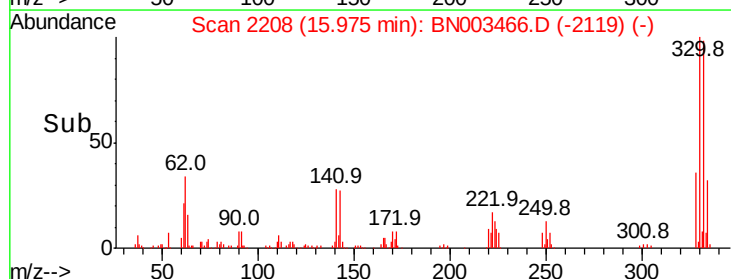
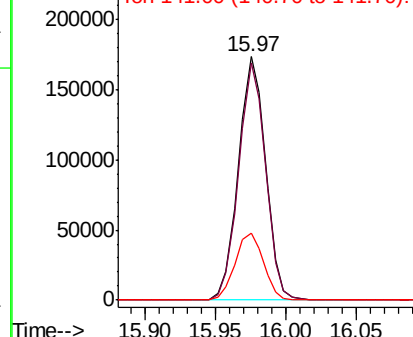


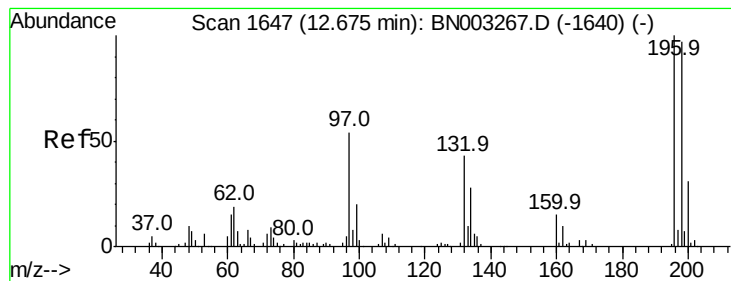
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 31.637 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

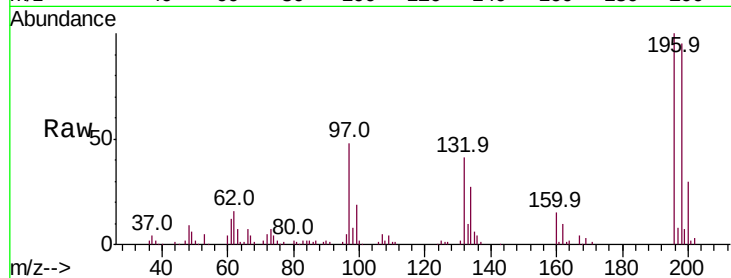
Tot Ion:196 Resp: 185555

Ion Ratio Lower Upper

196 100

198 94.6 77.4 116.0

200 29.9 25.0 37.6

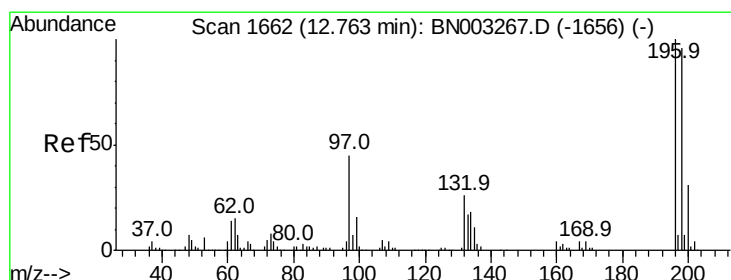
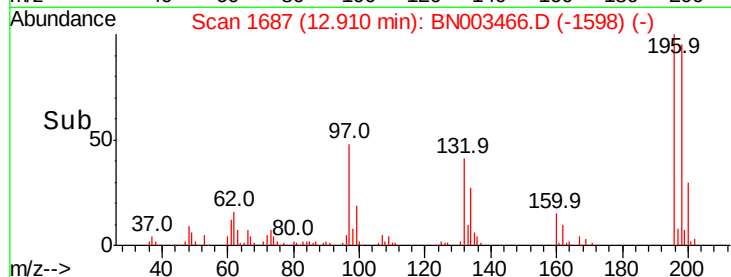
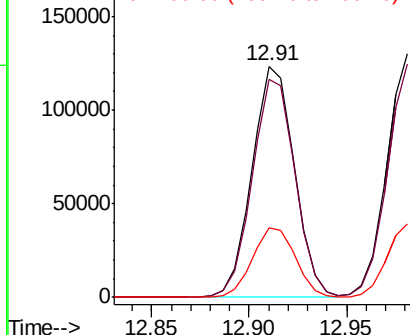


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 32.466 ng

RT: 12.98 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion:196 Resp: 198616

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

97 41.5 35.8 53.8

132 26.2 21.3 31.9

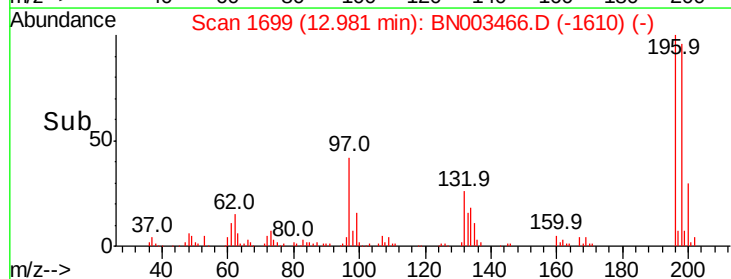
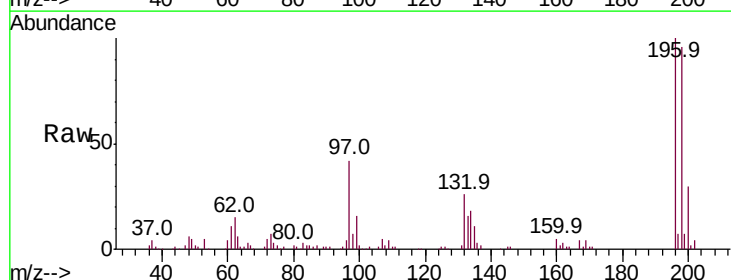
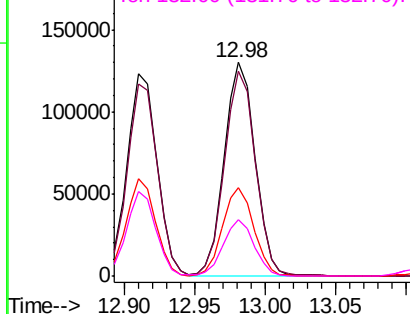
Abundance

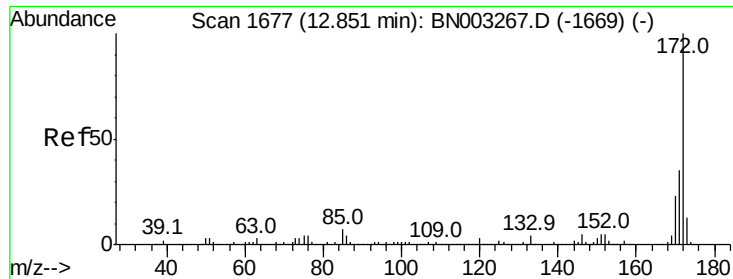
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E



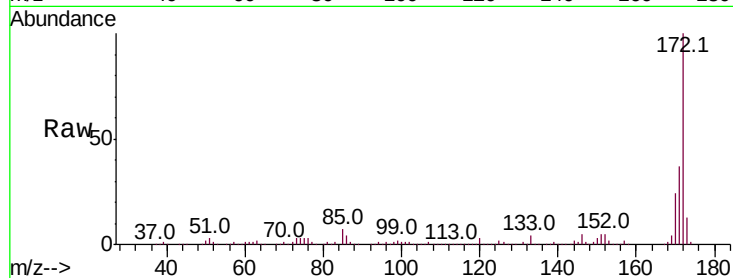


#45
 2-Fluorobiphenyl
 Concen: 62.686 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

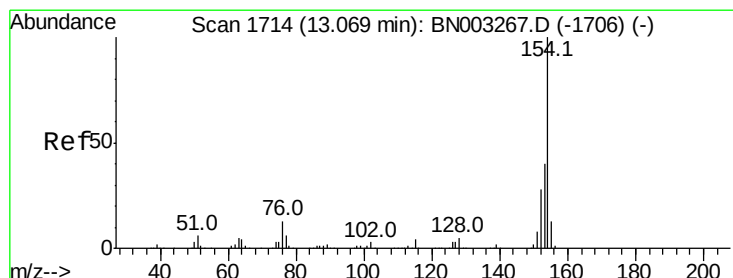
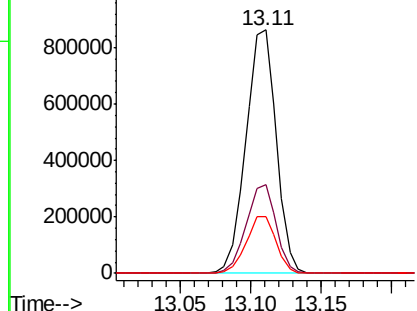
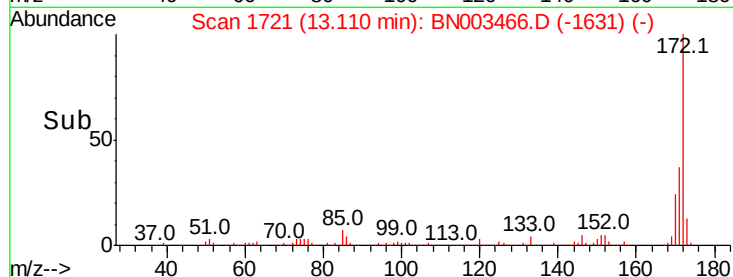
Instrument :
 BNA_N
 ClientSampled :

Tot Ion:172 Resp: 1296815

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	23.5	18.4	27.6



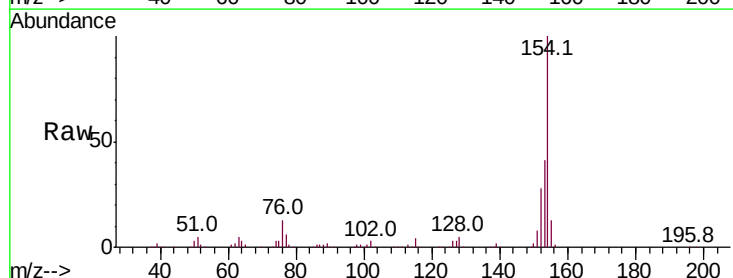
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



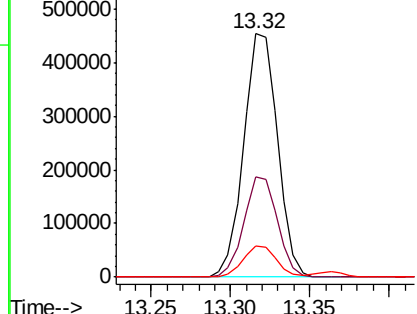
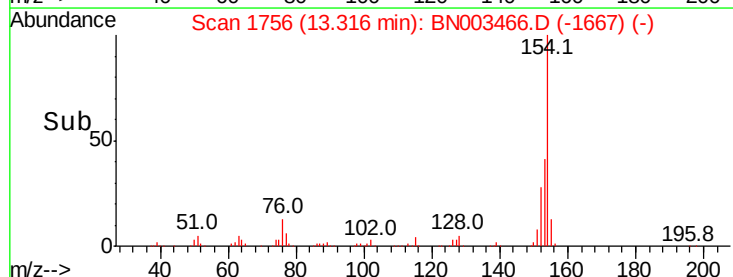
#46
 1,1'-Biphenyl
 Concen: 27.312 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

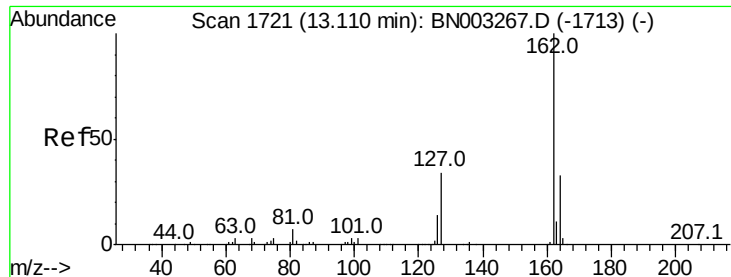
Tgt Ion:154 Resp: 672658

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	12.9	0.0	33.3



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

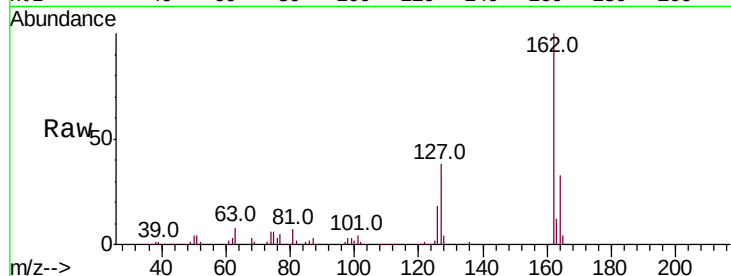




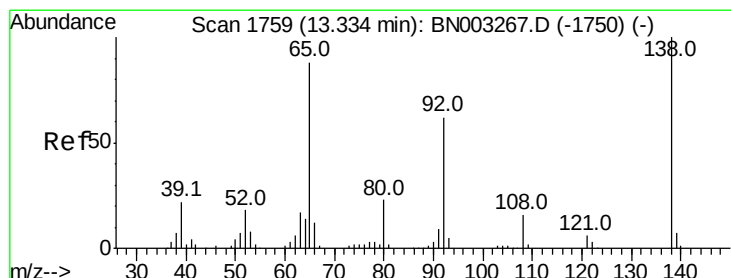
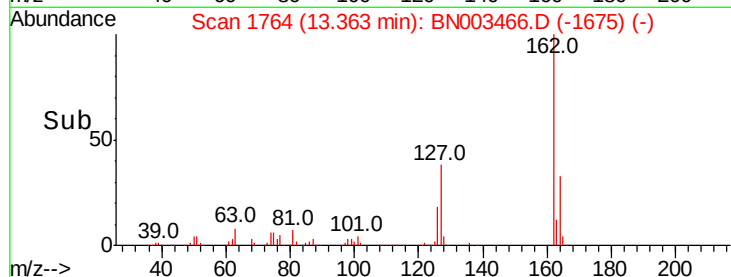
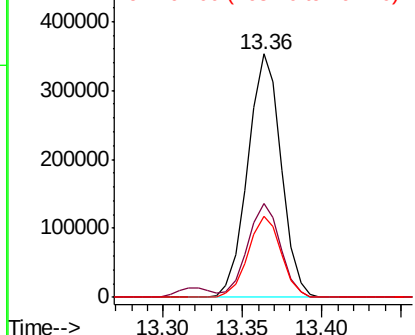
#47
 2-Chloronaphthalene
 Concen: 28.425 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.8	44.6
164	33.2	26.3	39.5

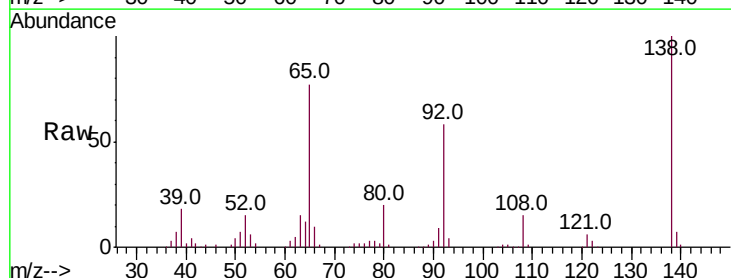


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

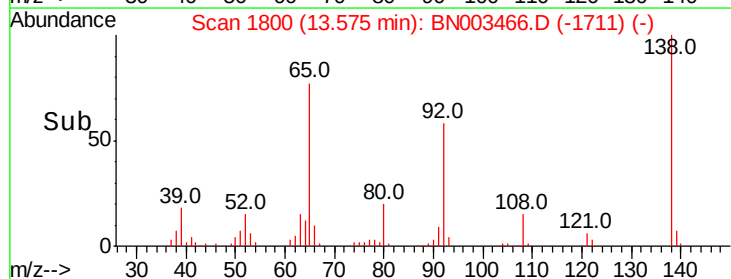
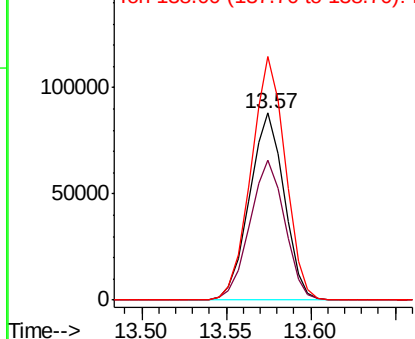


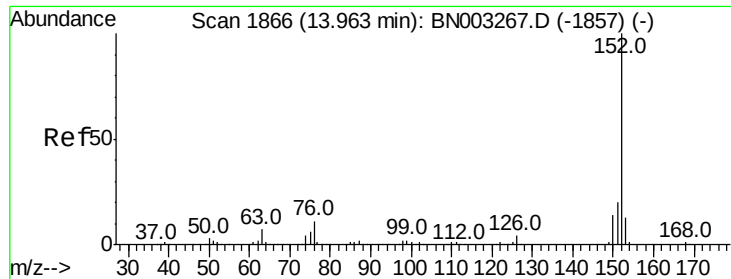
#48
 2-Nitroaniline
 Concen: 23.678 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	56.1	84.1
138	130.3	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.087 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

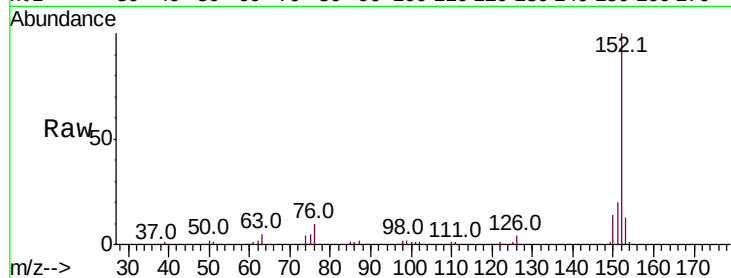
Tot Ion:152 Resp: 836610

Ion Ratio Lower Upper

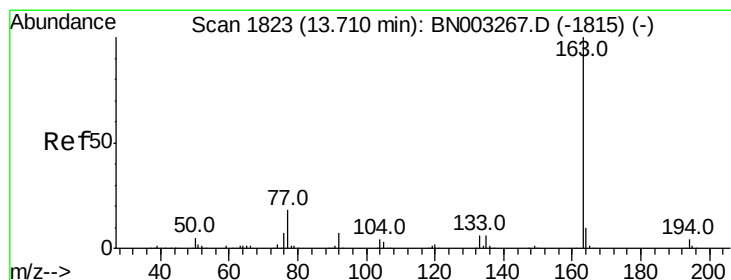
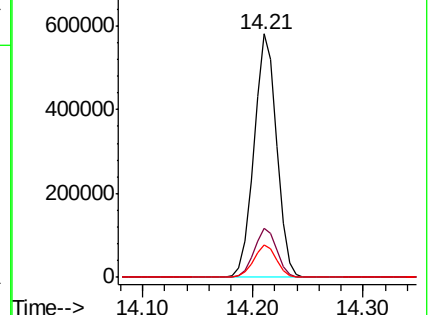
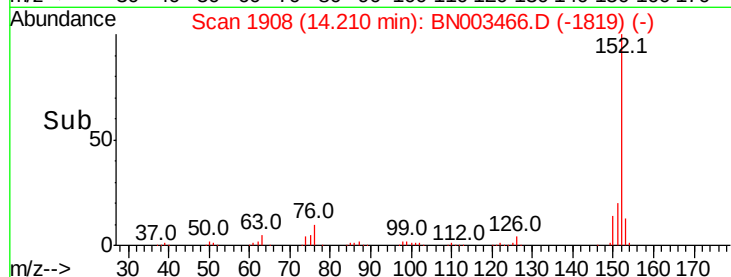
152 100

151 20.2 15.8 23.6

153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.297 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

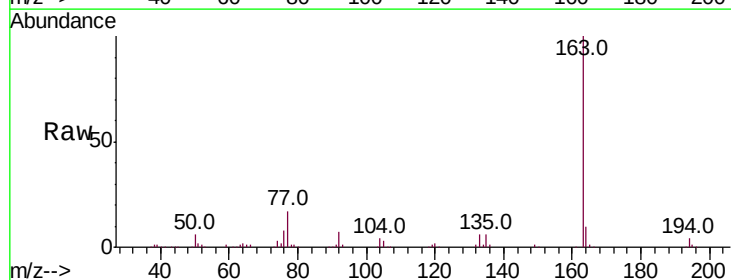
Tgt Ion:163 Resp: 642031

Ion Ratio Lower Upper

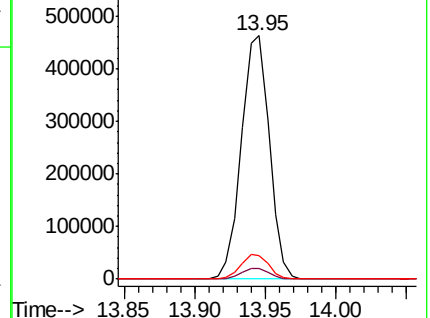
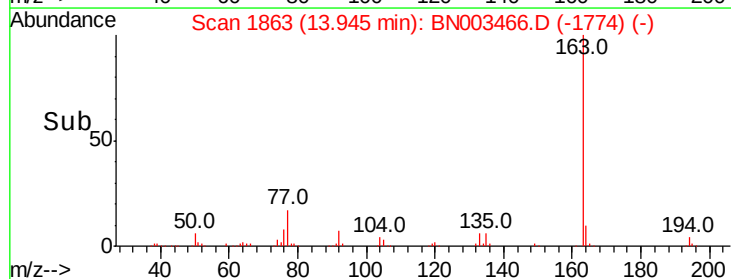
163 100

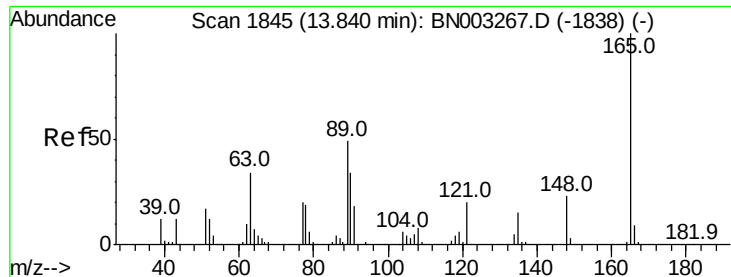
194 4.5 3.4 5.2

164 9.9 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

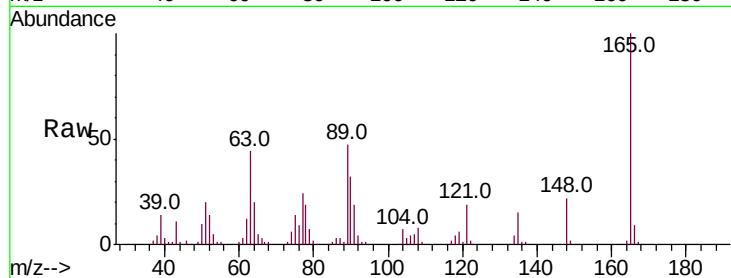




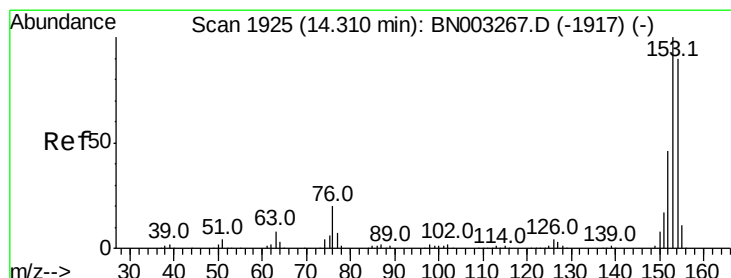
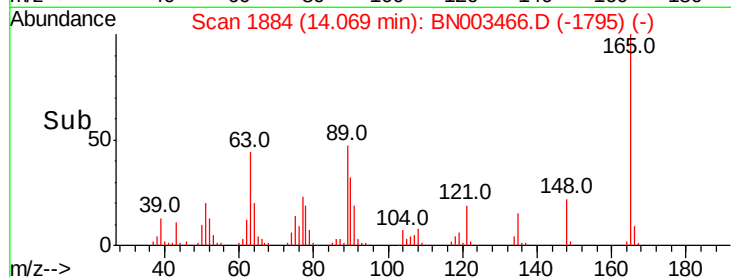
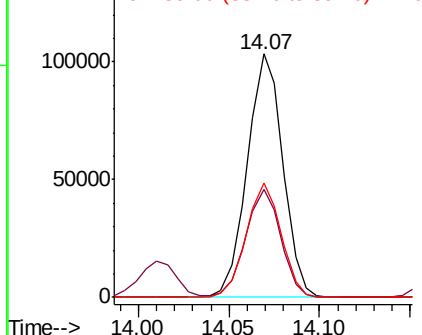
#51
 2,6-Dinitrotoluene
 Concen: 27.333 ng
 RT: 14.07 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	39.2	58.8
89	47.2	38.9	58.3

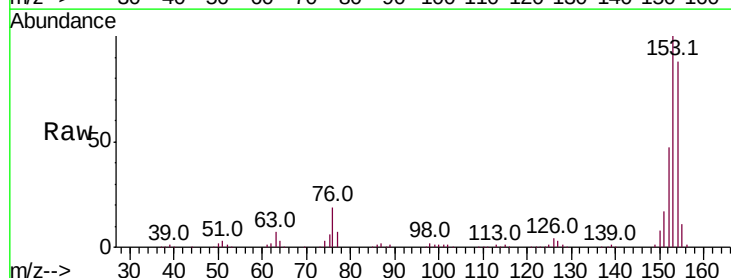


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 89.00 (88.70 to 89.70): BNO

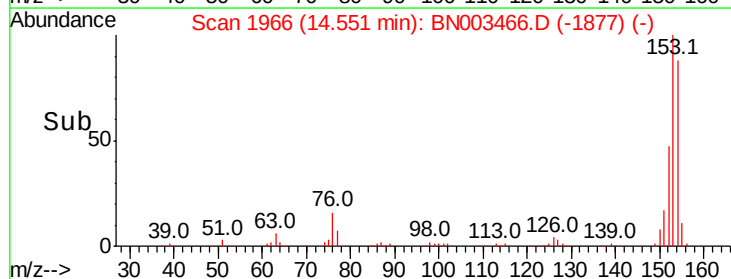
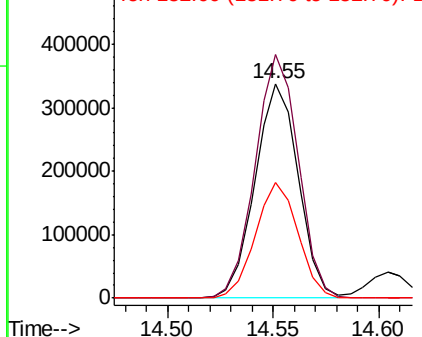


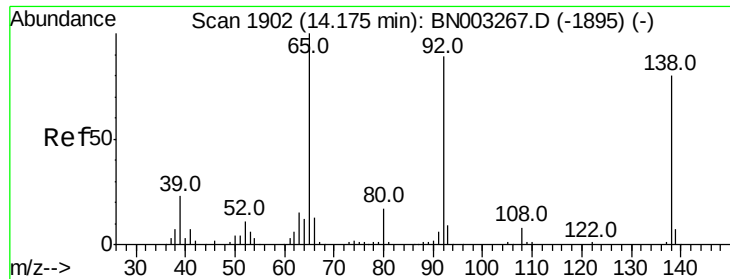
#52
 Acenaphthene
 Concen: 28.549 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.3	133.9
152	53.8	41.2	61.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.545 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

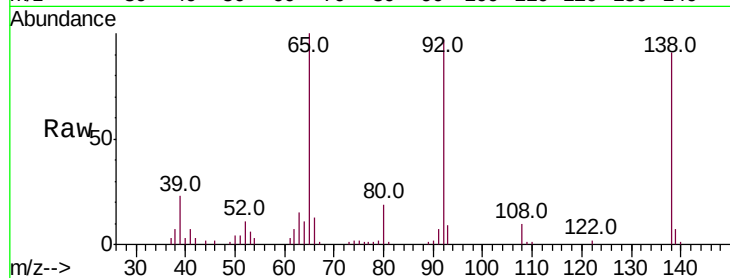
Tot Ion:138 Resp: 63553

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

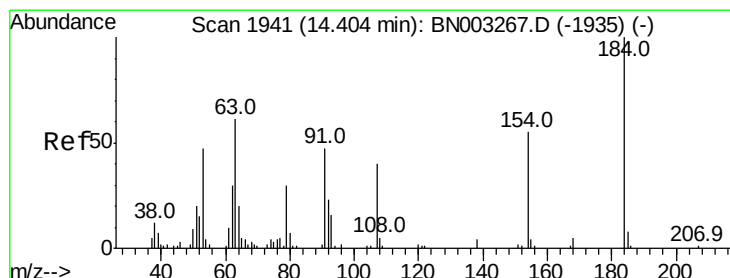
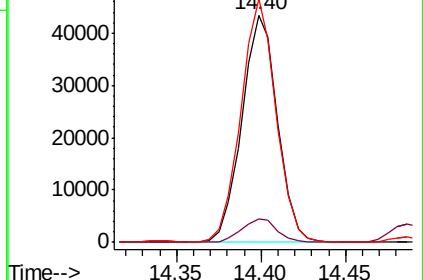
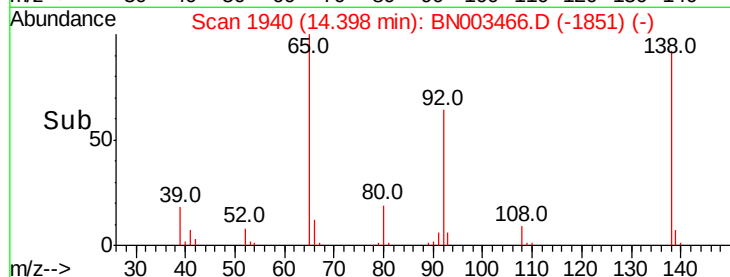
92 107.3 89.6 134.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#54

2,4-Dinitrophenol

Concen: 38.787 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

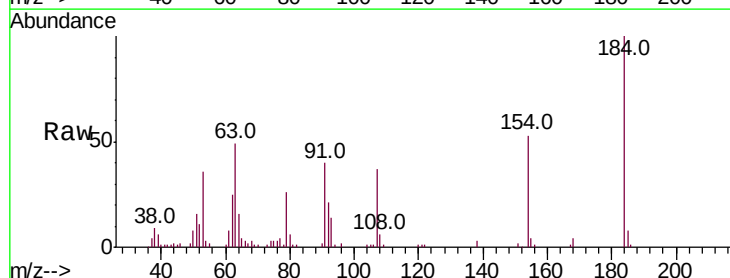
Tgt Ion:184 Resp: 104186

Ion Ratio Lower Upper

184 100

63 49.2 49.0 73.4

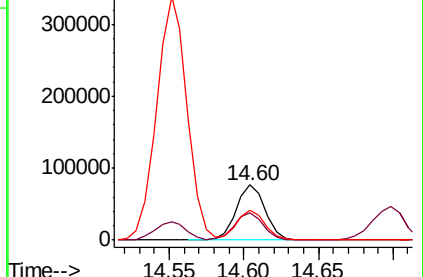
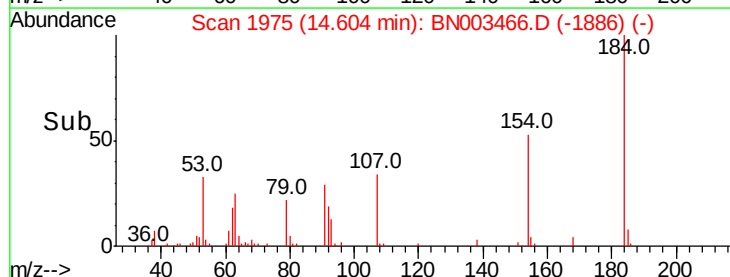
154 53.3 44.2 66.2

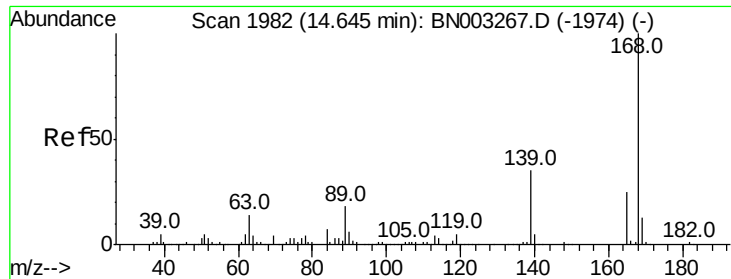


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 28.131 ng

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

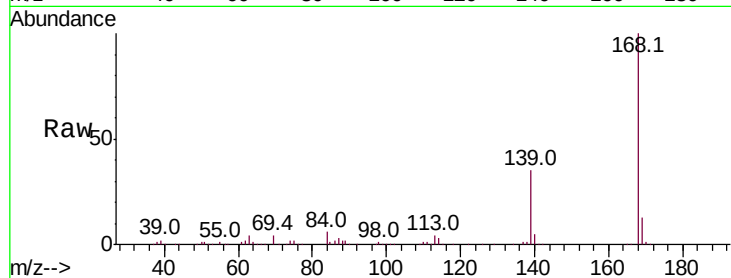
Tot Ion:168 Resp: 771061

Ion Ratio Lower Upper

168 100

139 35.0 28.5 42.7

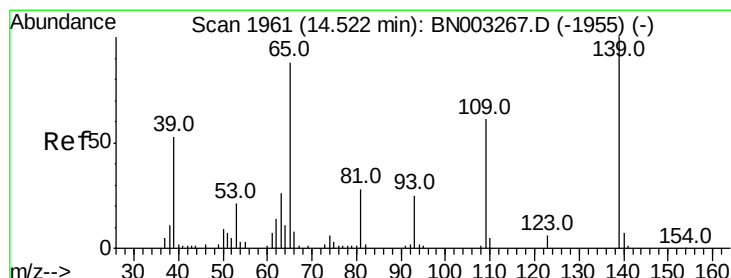
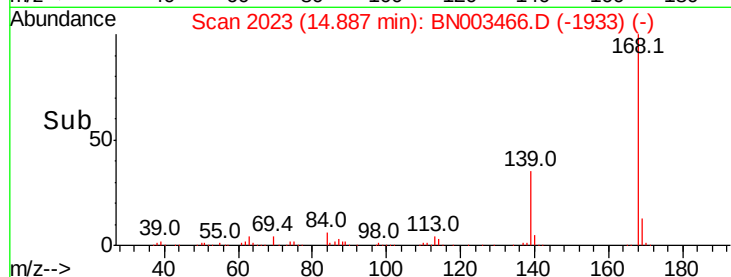
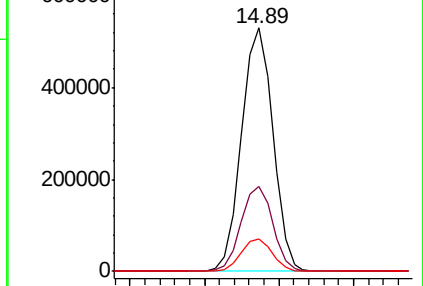
169 13.2 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.602 ng

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

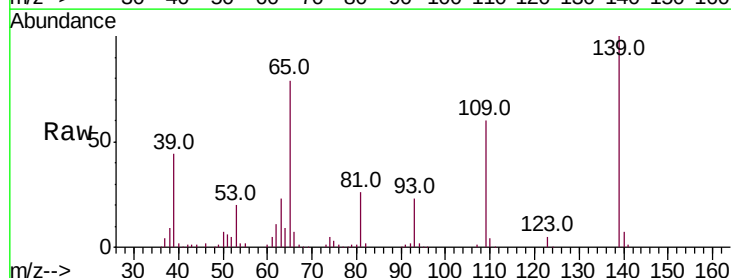
Tgt Ion:139 Resp: 302967

Ion Ratio Lower Upper

139 100

109 60.5 40.7 80.7

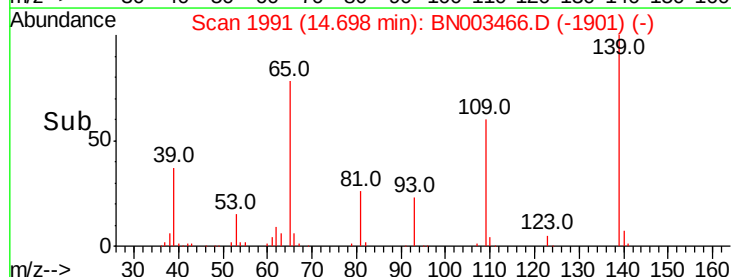
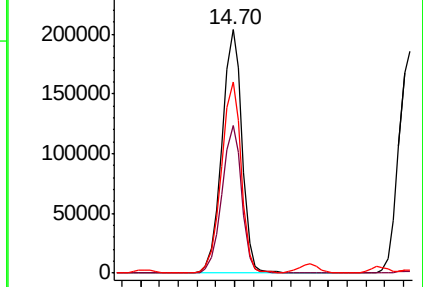
65 78.6 68.0 108.0

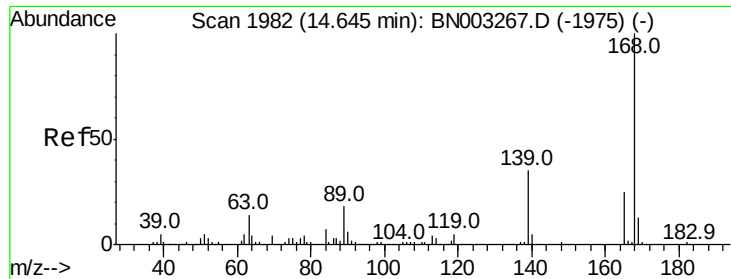


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

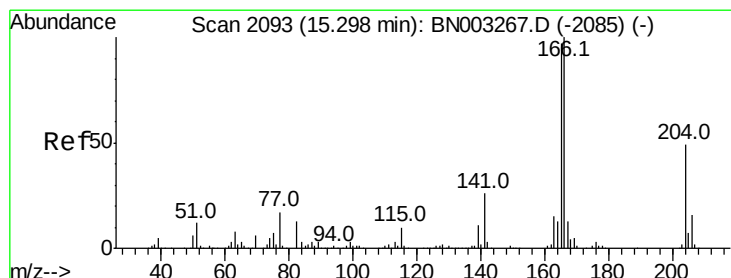
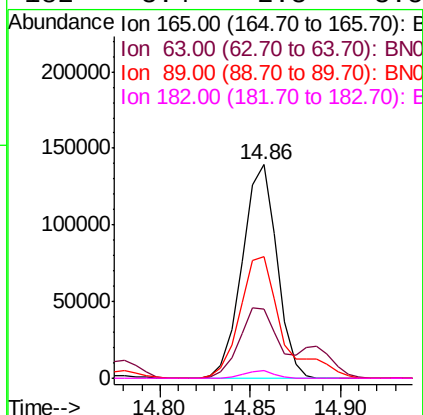
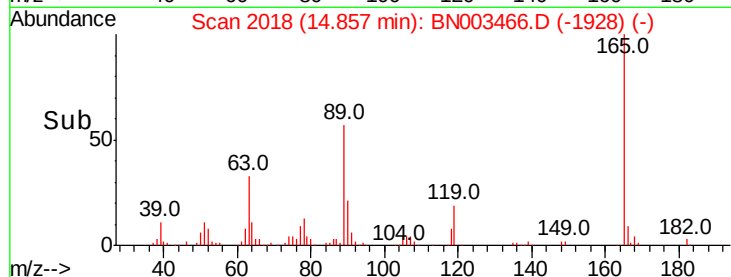
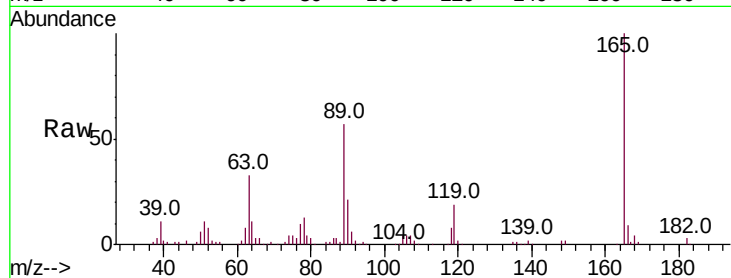




#57
2,4-Dinitrotoluene
Concen: 26.561 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

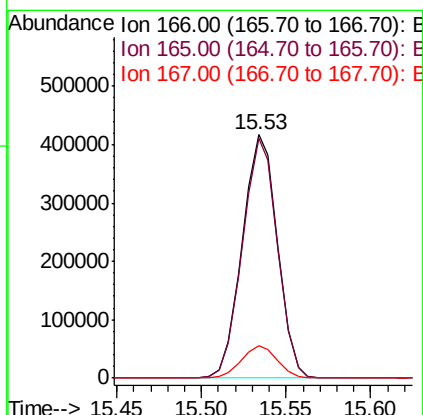
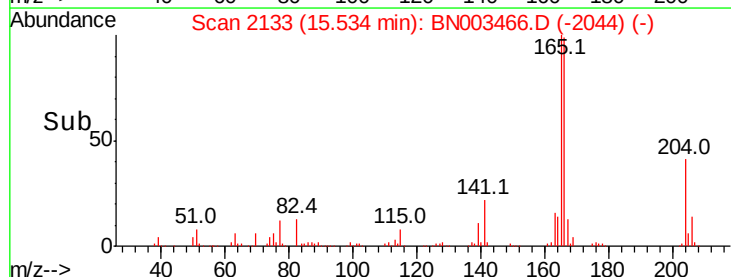
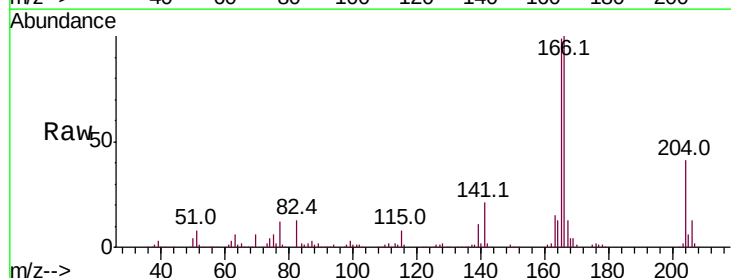
Instrument :
BNA_N
ClientSampleId :

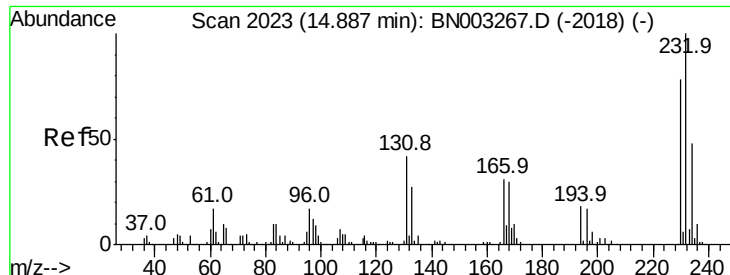
Tot Ion:165 Resp: 185459
Ion Ratio Lower Upper
165 100
63 32.5 45.8 68.6#
89 57.2 58.7 88.1#
182 3.4 2.3 3.5



#58
Fluorene
Concen: 28.539 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:166 Resp: 603629
Ion Ratio Lower Upper
166 100
165 98.7 77.6 116.4
167 13.5 10.6 16.0

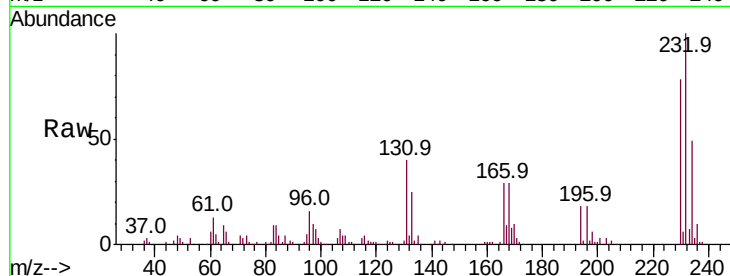




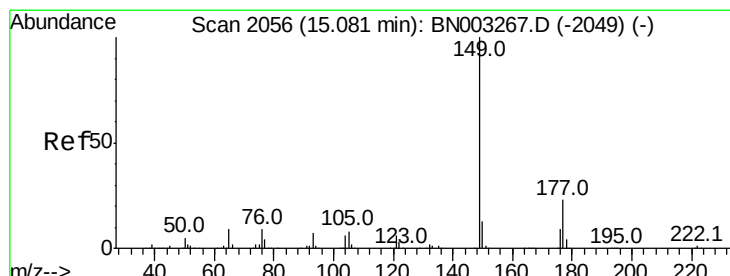
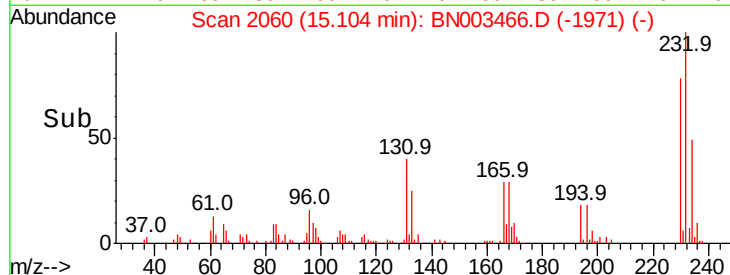
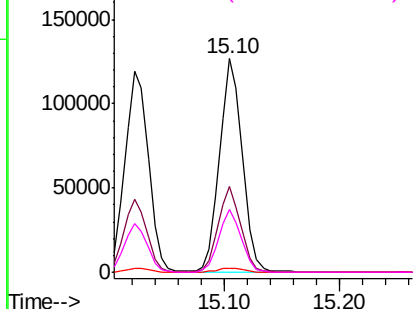
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.400 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:232 Resp: 174053
Ion Ratio Lower Upper
232 100
131 39.4 33.7 50.5
130 2.0 1.6 2.4
166 28.7 24.3 36.5

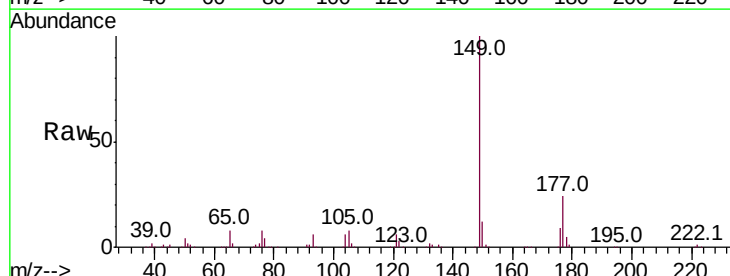


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

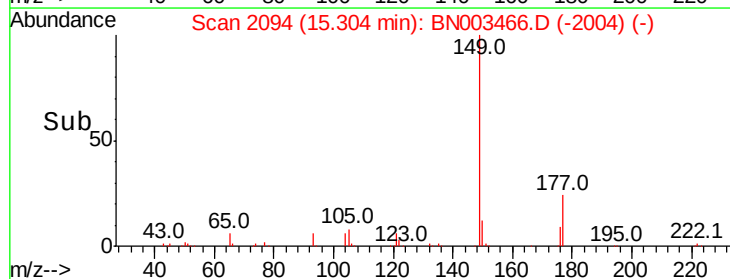
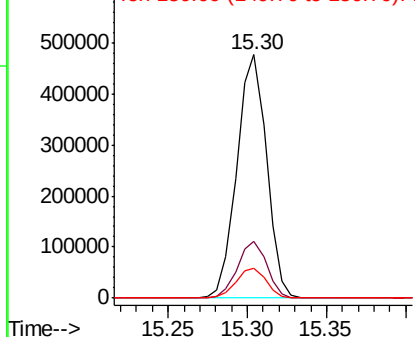


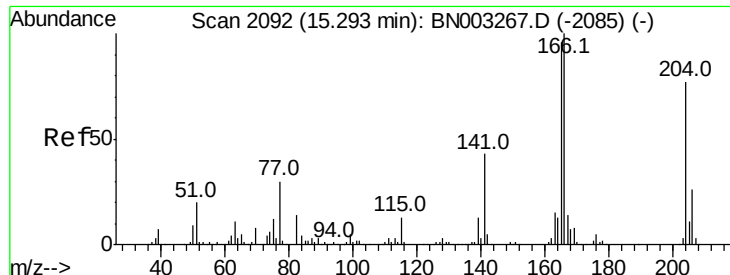
#60
Diethylphthalate
Concen: 26.889 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:149 Resp: 619092
Ion Ratio Lower Upper
149 100
177 23.5 18.6 28.0
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

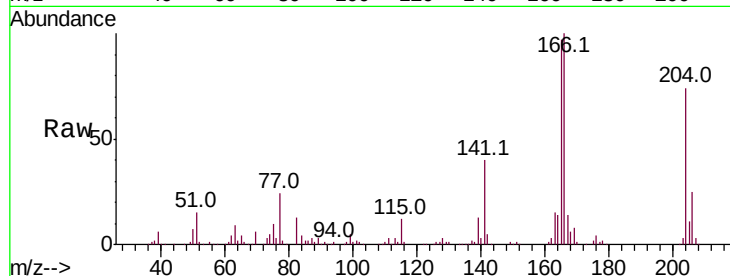




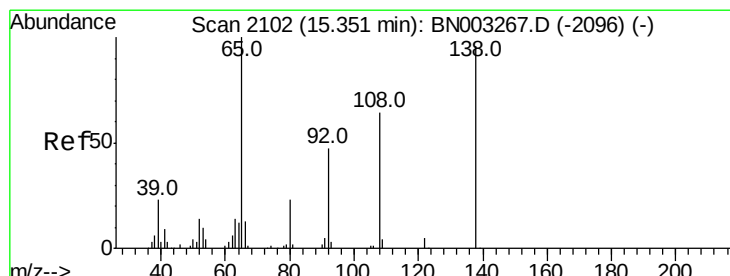
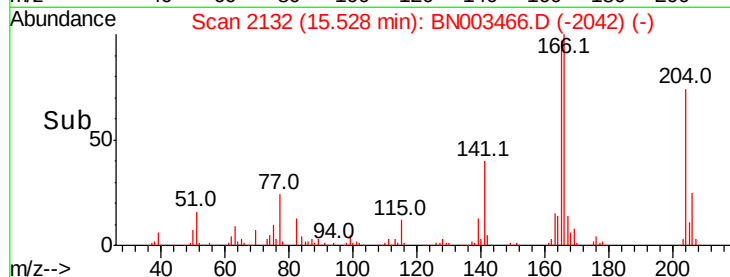
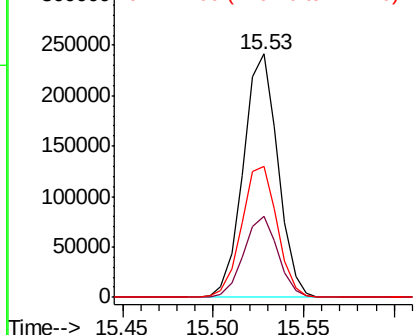
#61
4-Chlorophenyl-phenylether
Concen: 27.225 ng
RT: 15.53 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:204 Resp: 319921
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 53.9 44.6 67.0

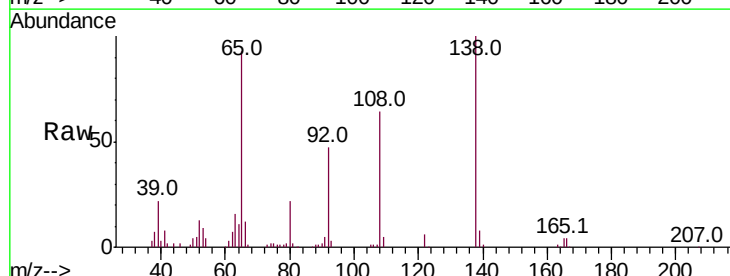


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

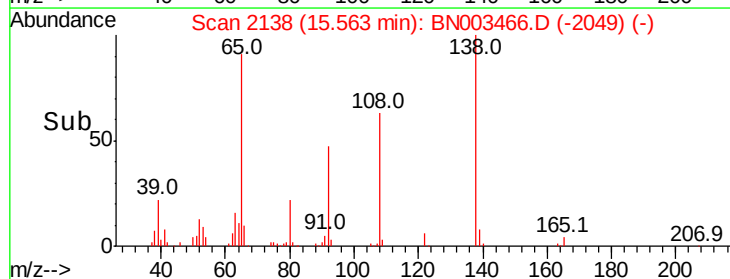
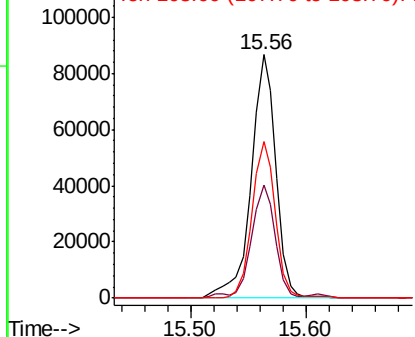


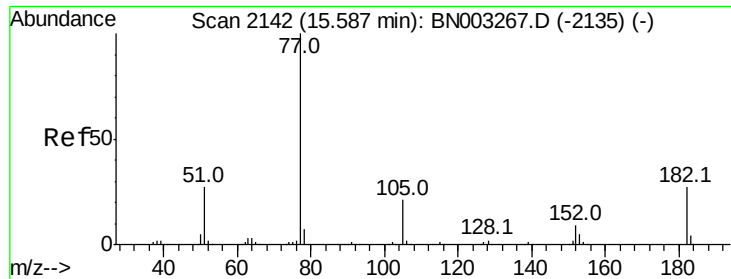
#62
4-Nitroaniline
Concen: 24.026 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:138 Resp: 129213
Ion Ratio Lower Upper
138 100
92 46.6 27.9 67.9
108 64.2 46.3 86.3



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





#63

Azobenzene

Concen: 25.093 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 533935

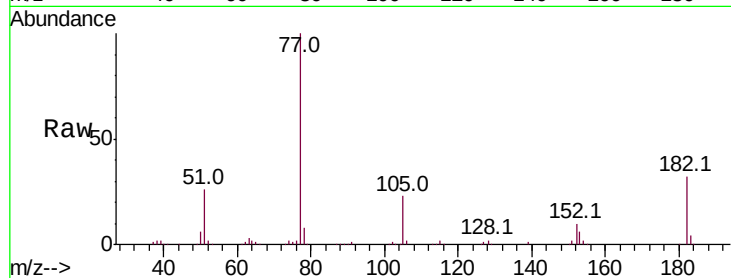
Ion Ratio Lower Upper

77 100

182 31.8 6.5 46.5

105 22.9 1.0 41.0

51 25.5 7.0 47.0

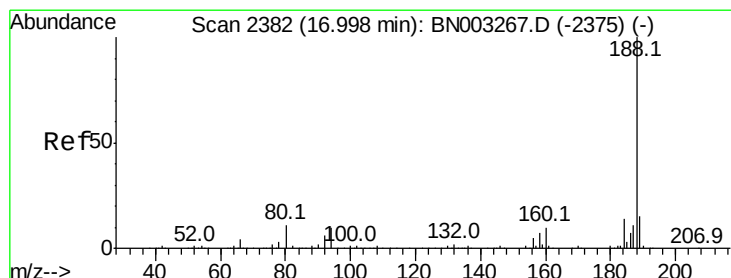
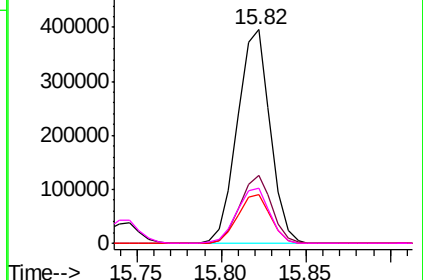
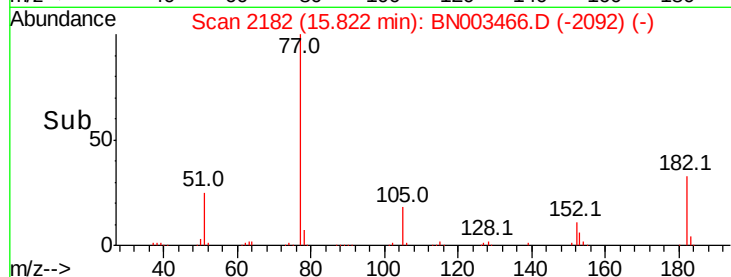


Abundance Ion 77.00 (76.70 to 77.70): BN0

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): BN0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

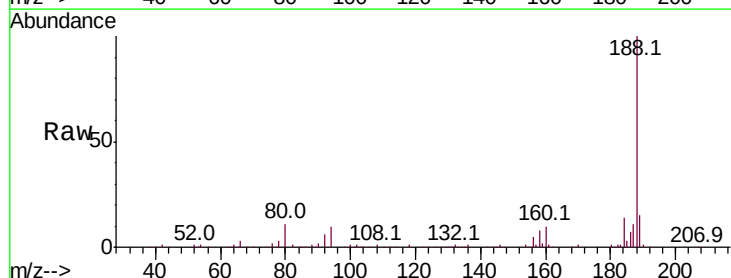
Tgt Ion: 188 Resp: 552073

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

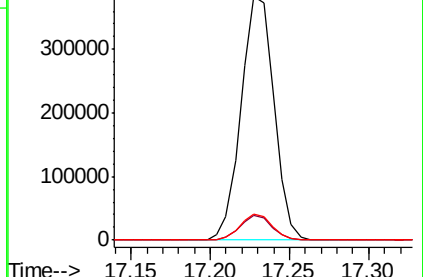
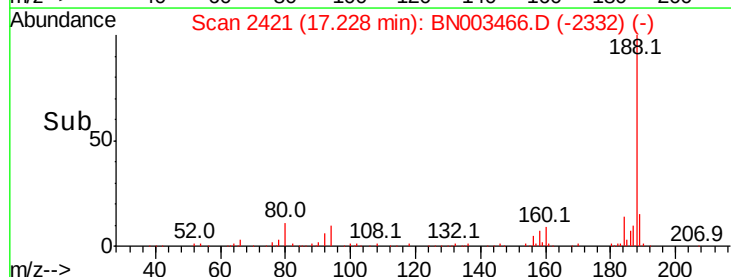
80 10.6 8.6 13.0

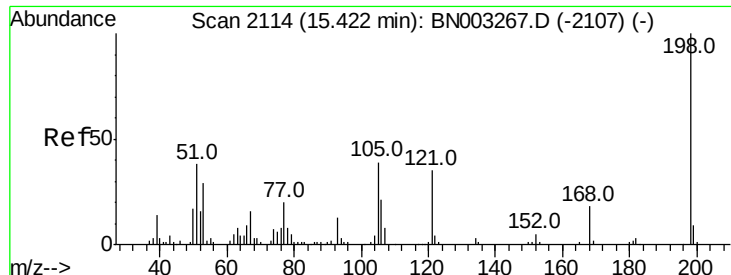


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0

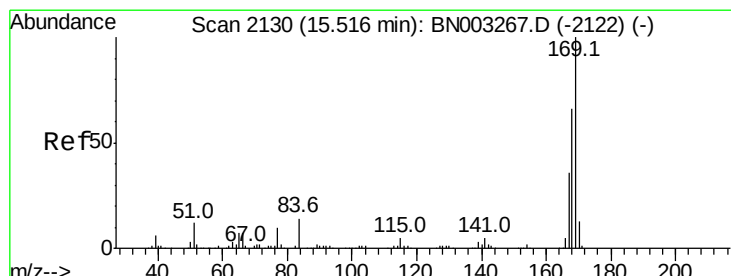
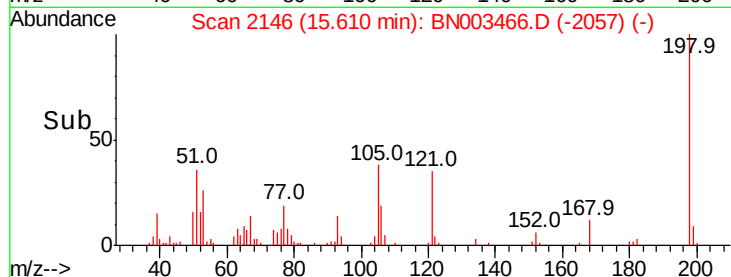
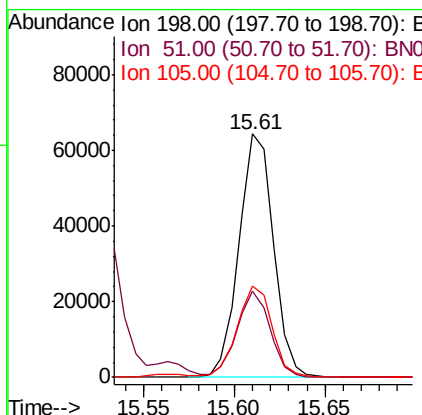
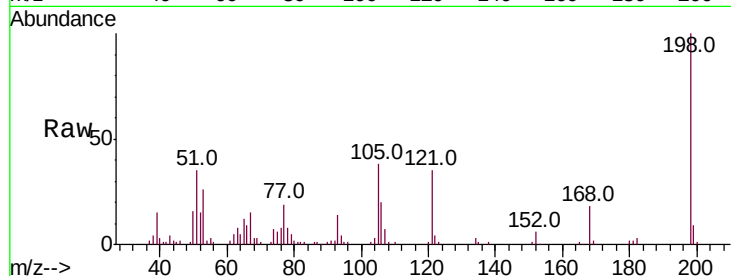




#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.092 ng
 RT: 15.61 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

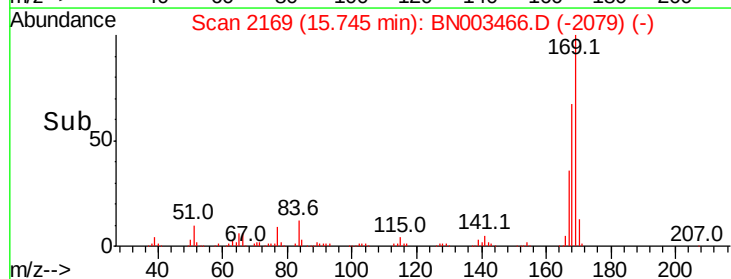
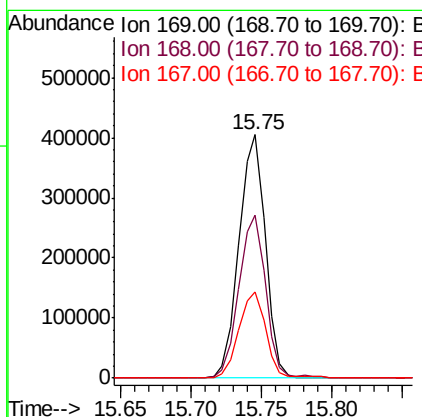
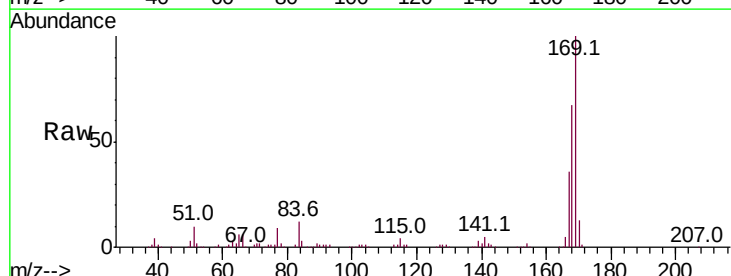
Instrument :
 BNA_N
 ClientSampleId :

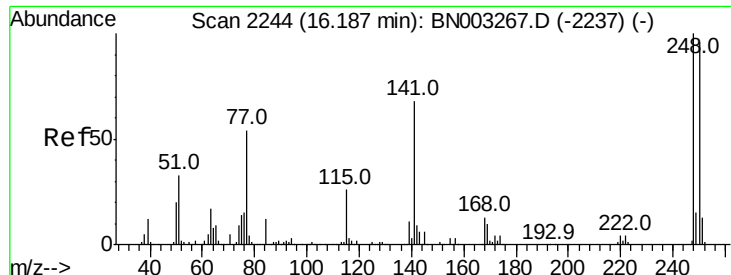
Tot Ion:198 Resp: 85100
 Ion Ratio Lower Upper
 198 100
 51 35.2 19.2 59.2
 105 37.6 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 30.619 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:169 Resp: 529172
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.3 79.9
 167 35.5 28.6 43.0

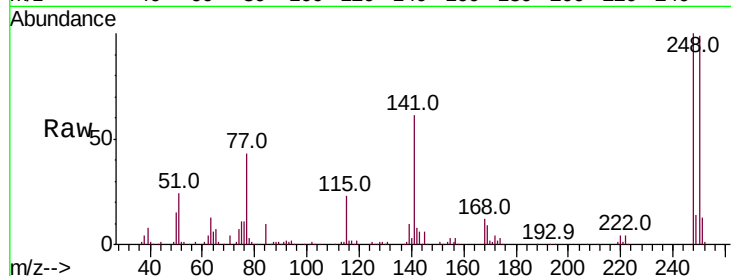




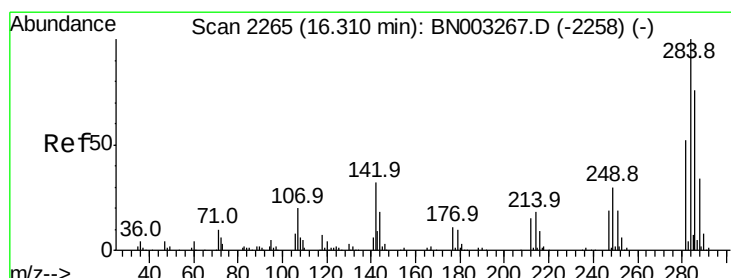
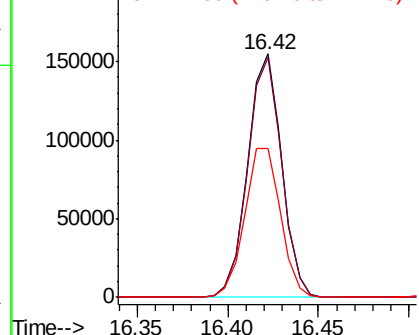
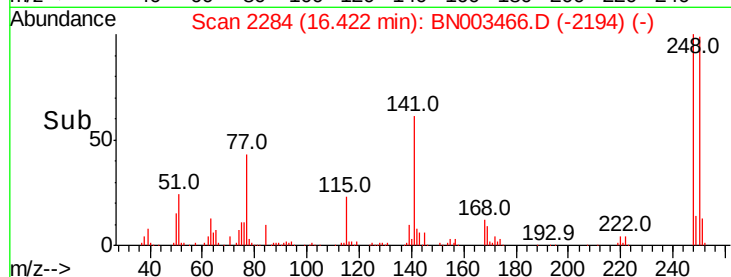
#67
 4-Bromophenyl-phenylether
 Concen: 32.452 ng
 RT: 16.42 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 201773
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.4 114.6
 141 61.3 54.2 81.4

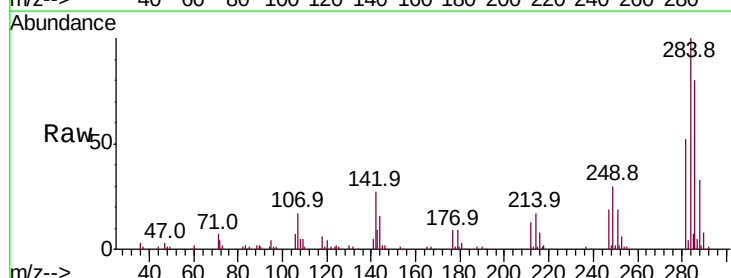


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

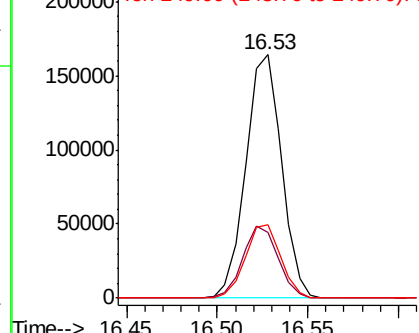
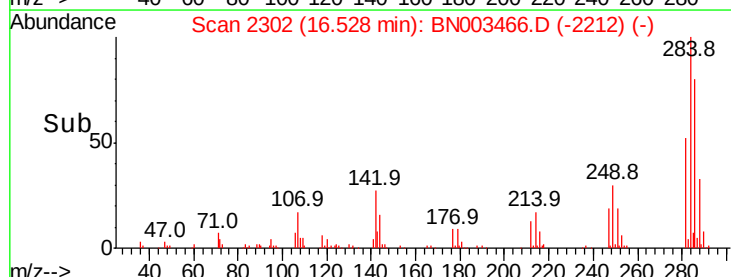


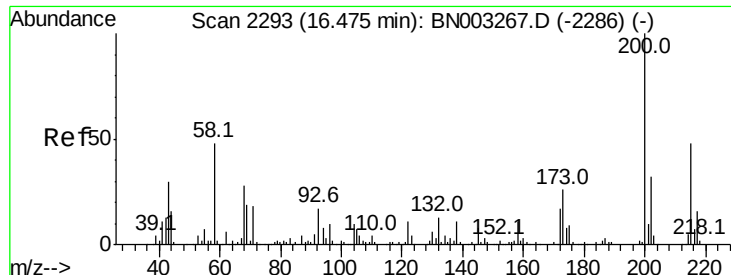
#68
 Hexachlorobenzene
 Concen: 31.762 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:284 Resp: 224977
 Ion Ratio Lower Upper
 284 100
 142 27.1 25.6 38.4
 249 30.1 23.6 35.4



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

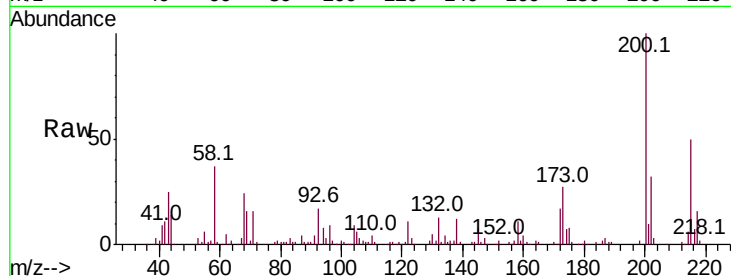




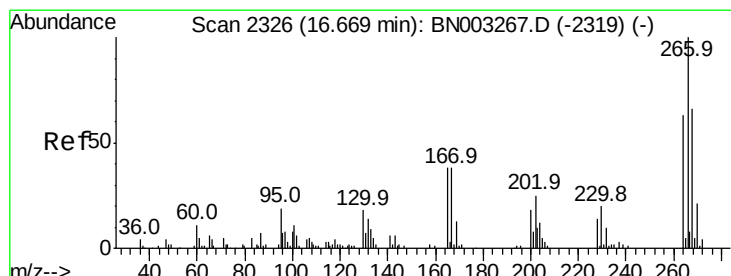
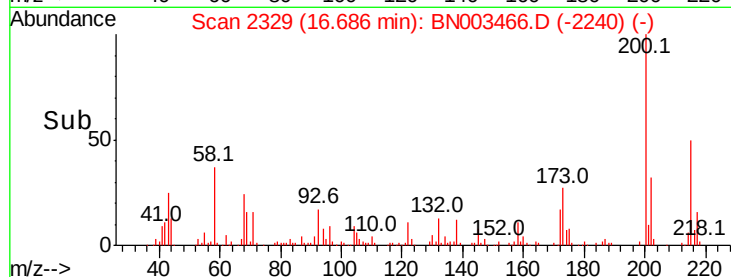
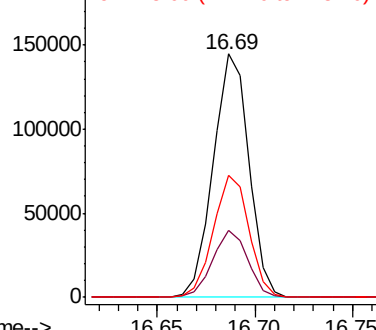
#69
Atrazine
Concen: 29.912 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.3	46.3
215	50.2	27.6	67.6

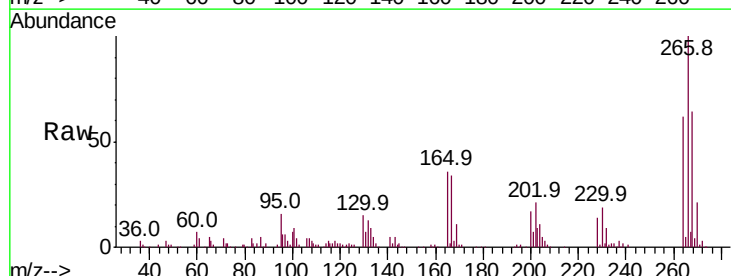


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

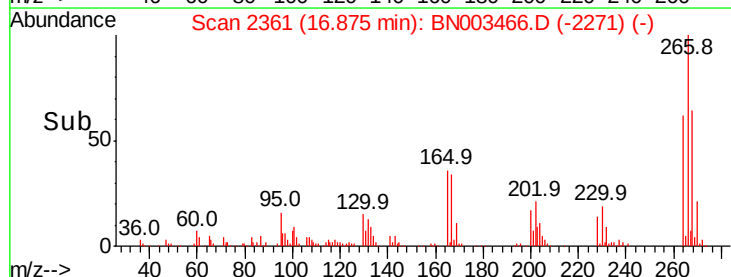
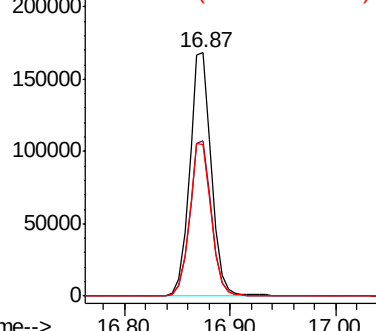


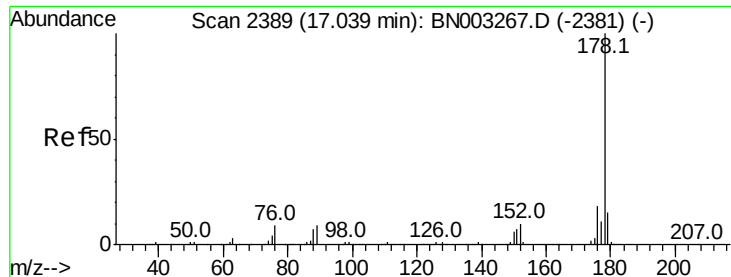
#70
Pentachlorophenol
Concen: 67.929 ng
RT: 16.87 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.5	78.7
264	62.1	50.3	75.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

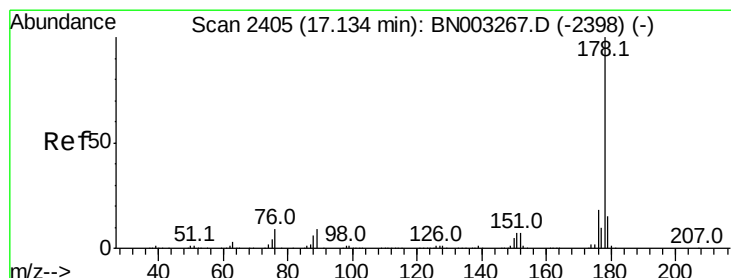
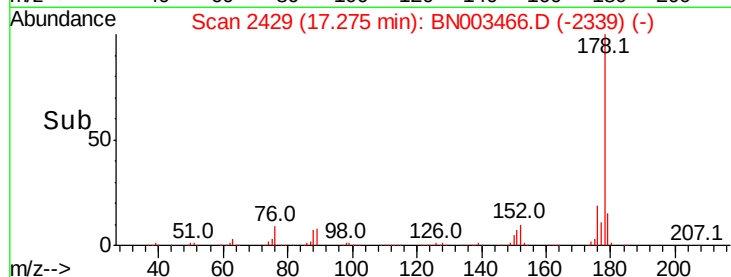
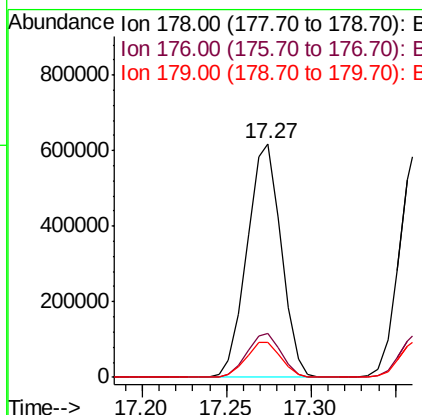
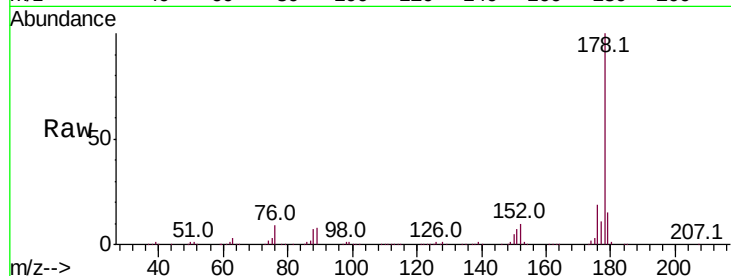




#71
Phenanthrene
Concen: 30.037 ng
RT: 17.27 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

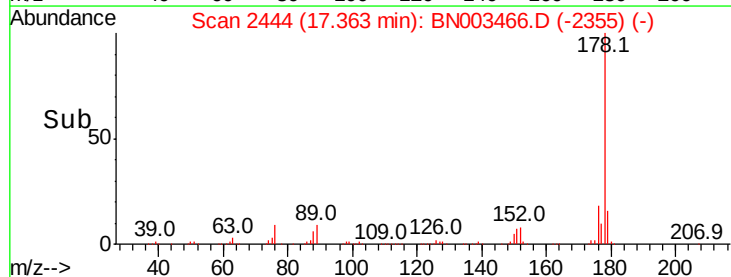
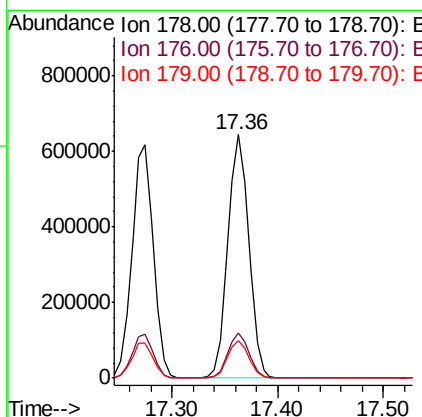
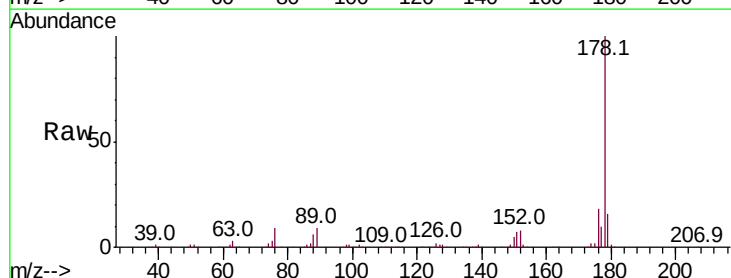
Instrument :
BNA_N
ClientSampleId :

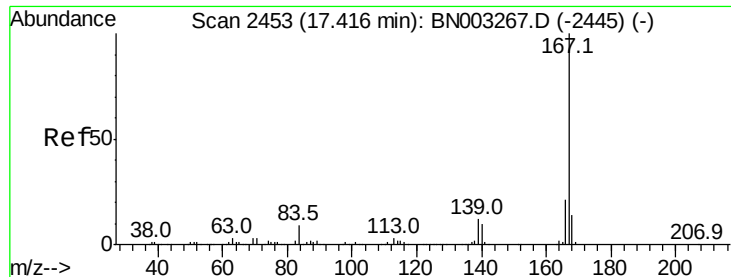
Tot Ion:178 Resp: 871795
Ion Ratio Lower Upper
178 100
176 18.9 14.4 21.6
179 15.2 12.2 18.4



#72
Anthracene
Concen: 30.424 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion:178 Resp: 881123
Ion Ratio Lower Upper
178 100
176 18.4 14.3 21.5
179 15.5 12.1 18.1

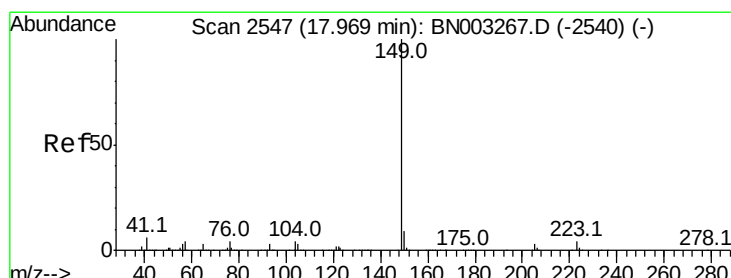
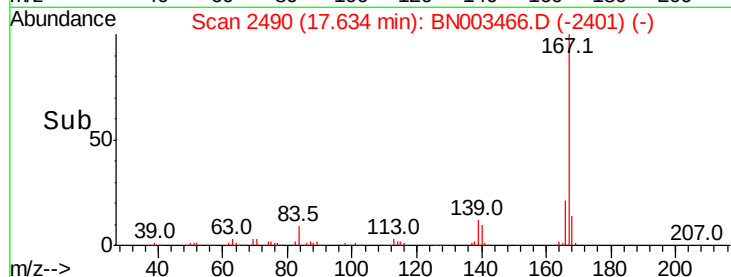
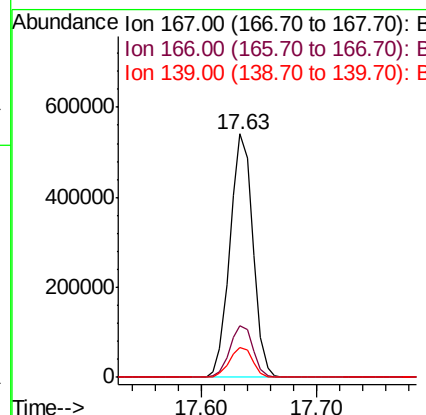
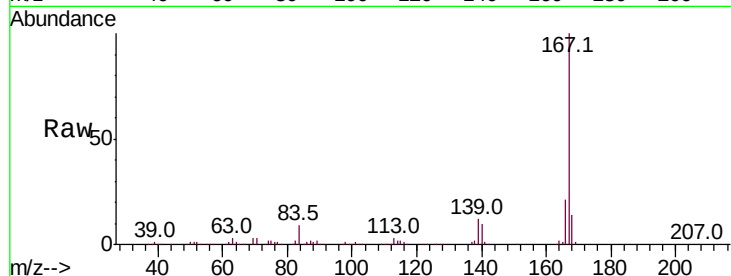




#73
 Carbazole
 Concen: 24.827 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

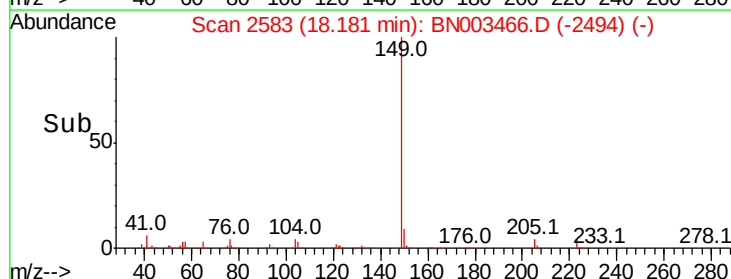
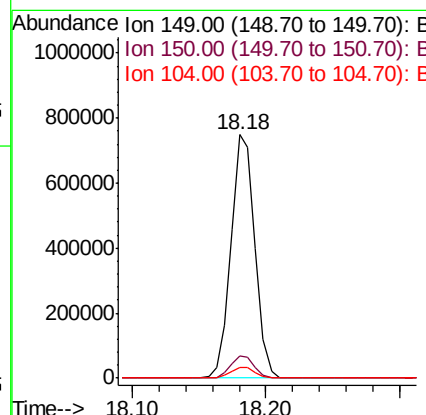
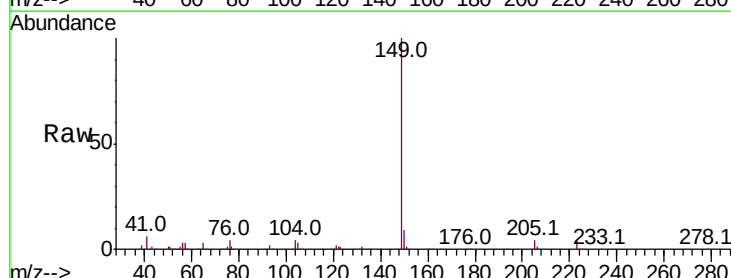
Instrument :
 BNA_N
 ClientSampleId :

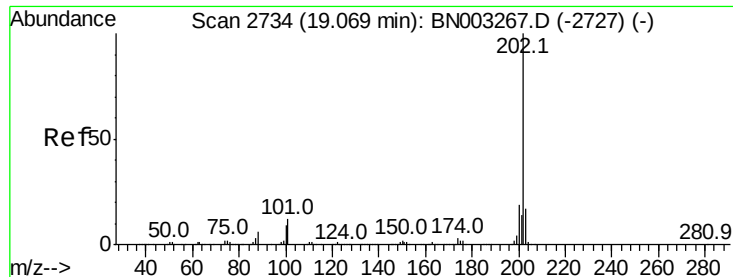
Tot Ion:167 Resp: 744606
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.4 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 26.900 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003466.D
 Acq: 07 Nov 2018 23:36

Tgt Ion:149 Resp: 941119
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 24.537 ng

RT: 19.29 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

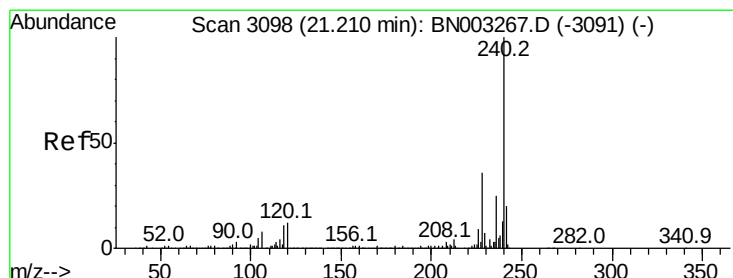
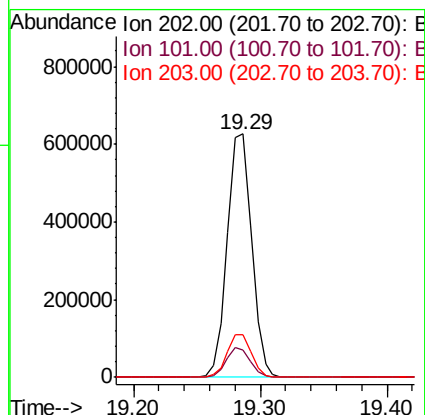
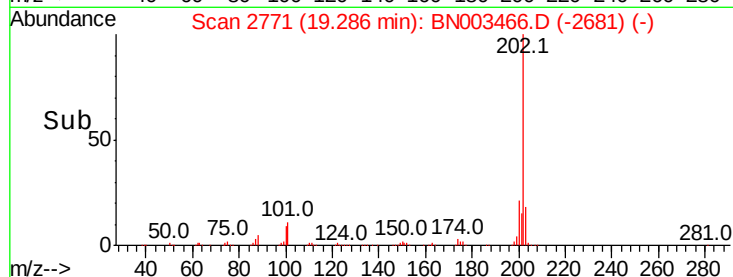
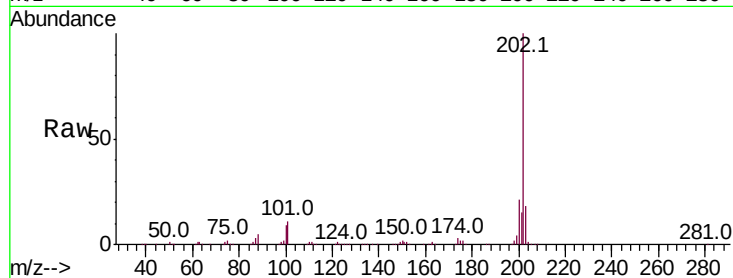
Tot Ion:202 Resp: 838993

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.3

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

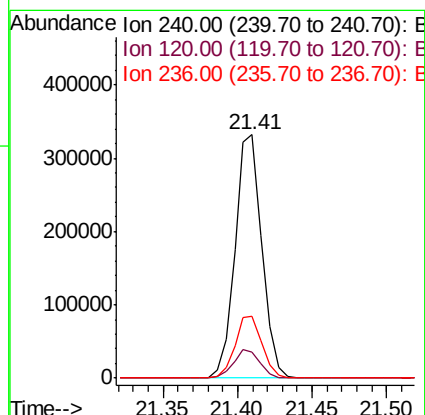
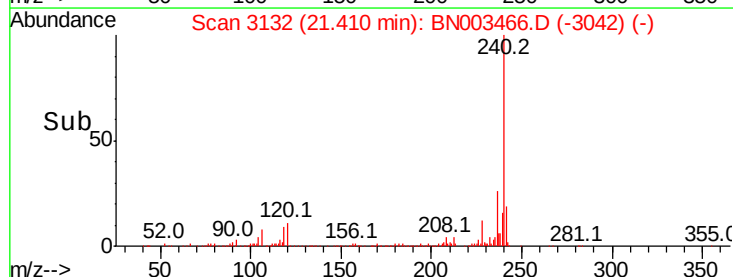
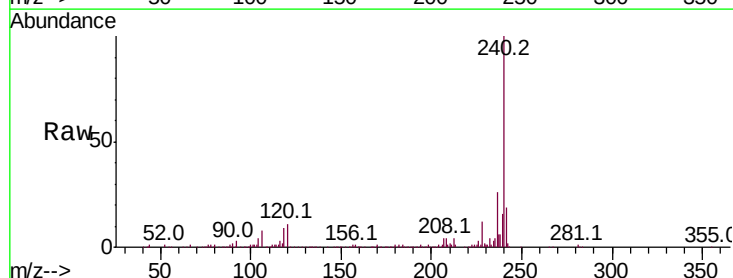
Tgt Ion:240 Resp: 417260

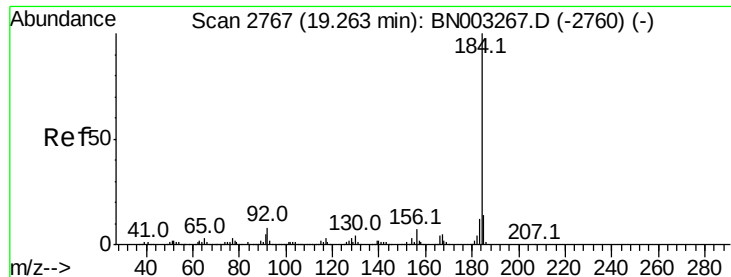
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.0

236 25.5 20.3 30.5





#77

Benzidine

Concen: 21.546 ng

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

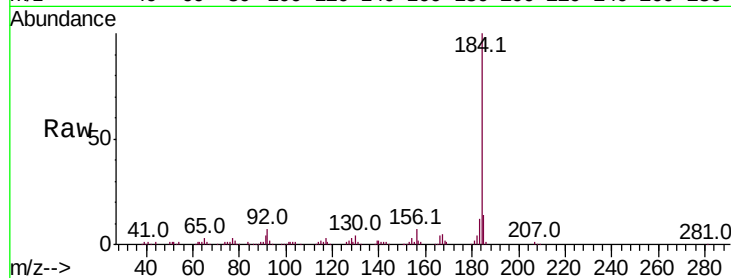
Tot Ion:184 Resp: 263193

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

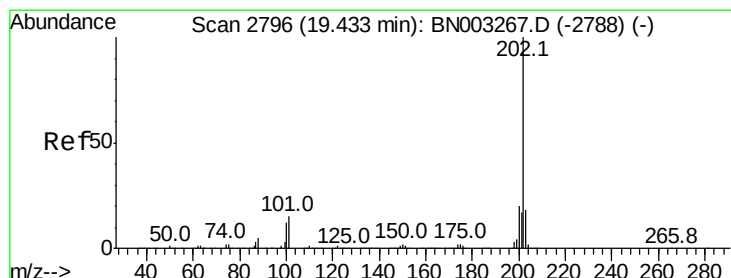
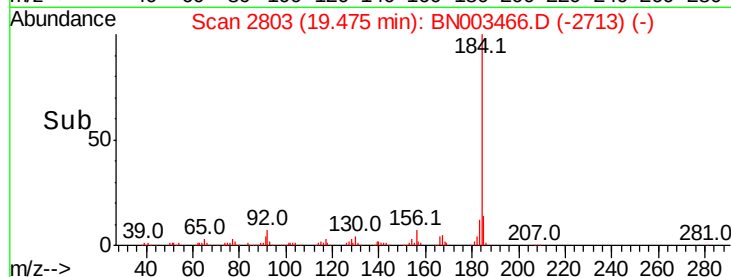
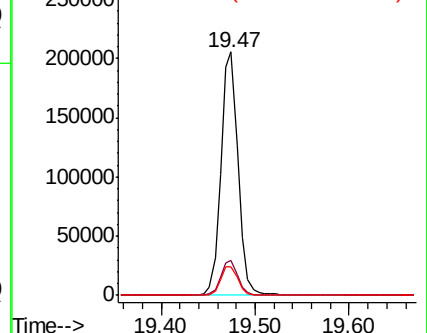
183 11.9 9.4 14.0



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: 33.655 ng

RT: 19.65 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

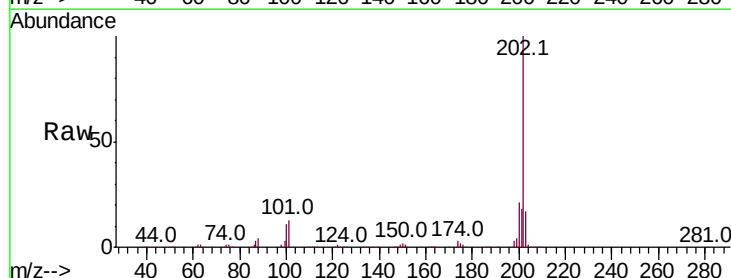
Tgt Ion:202 Resp: 825336

Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.4

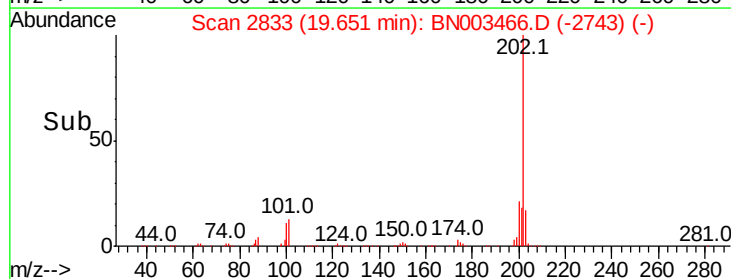
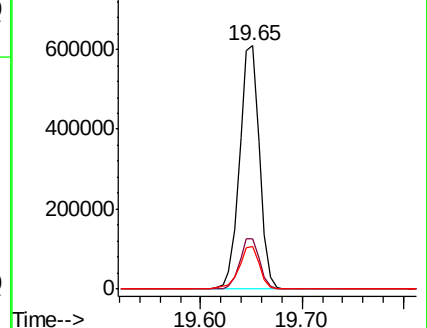
203 17.3 14.3 21.5

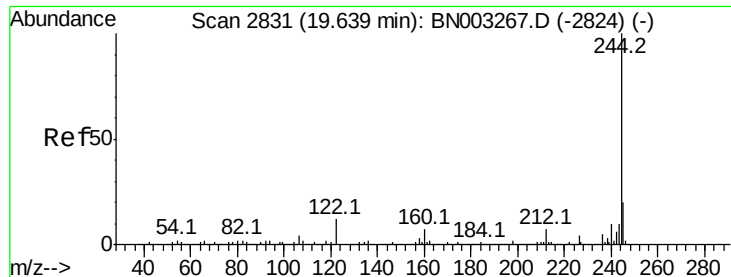


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.804 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampled :

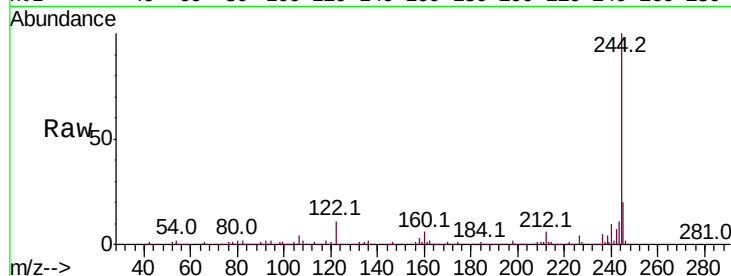
Tot Ion:244 Resp: 1205885

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

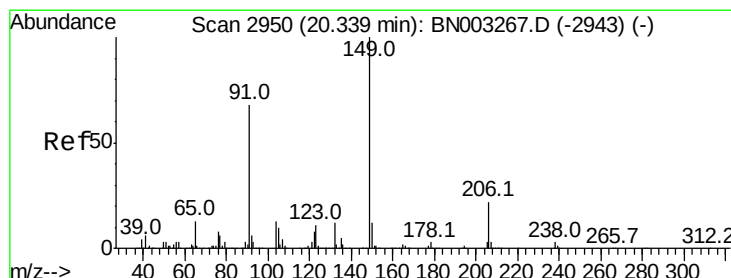
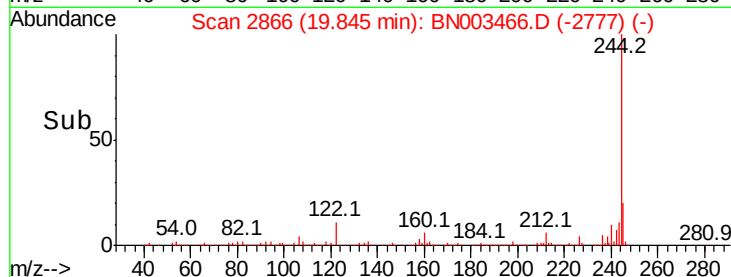
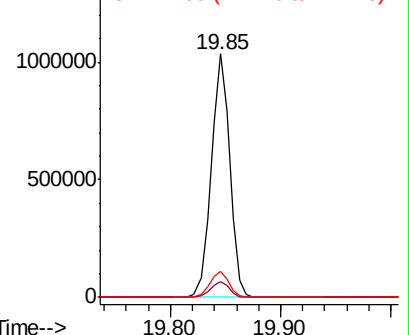
122 10.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.488 ng

RT: 20.54 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

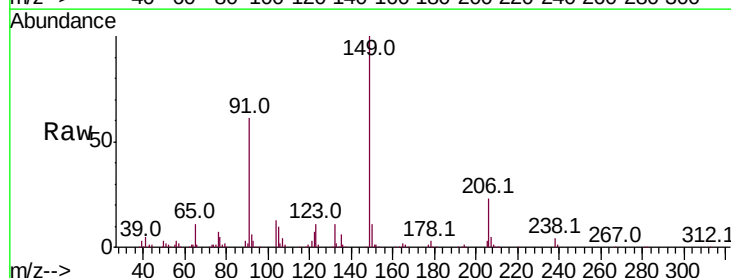
Tgt Ion:149 Resp: 335781

Ion Ratio Lower Upper

149 100

91 61.3 54.6 81.8

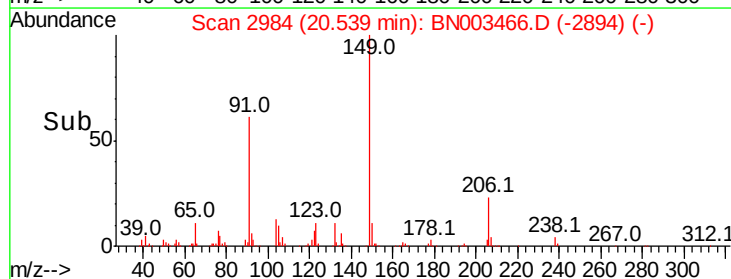
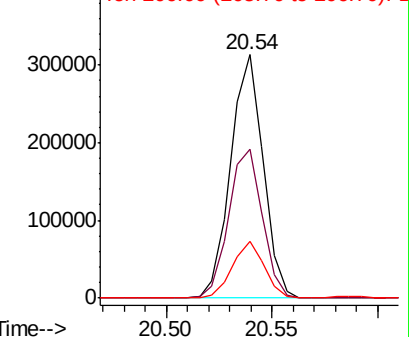
206 23.1 17.8 26.6

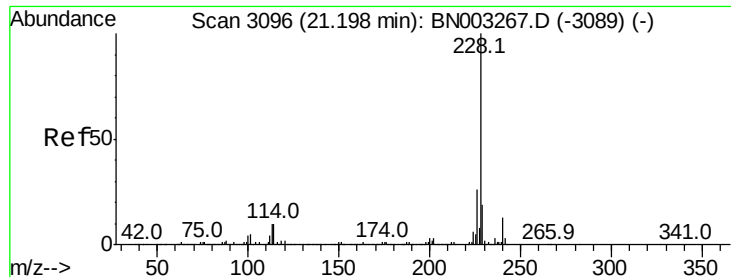


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

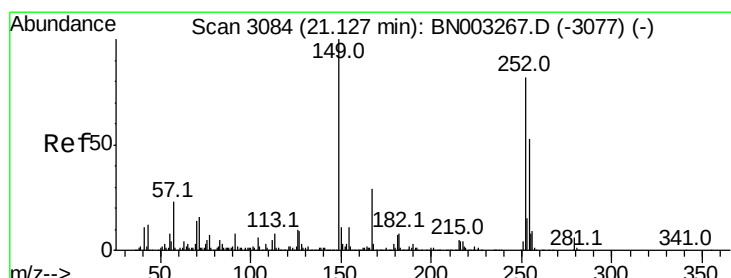
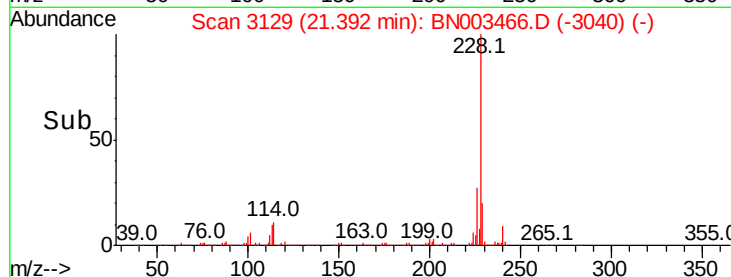
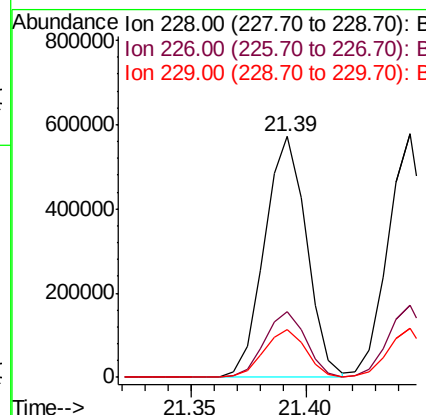
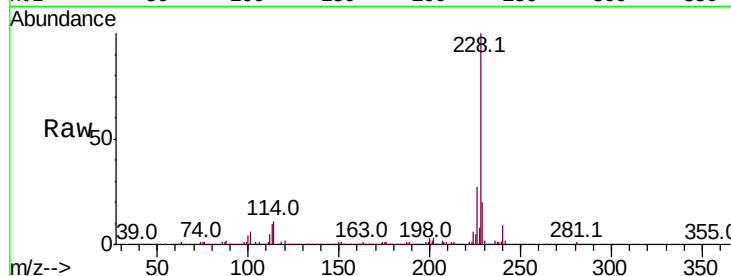




#81
Benzo(a)anthracene
Concen: 29.750 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

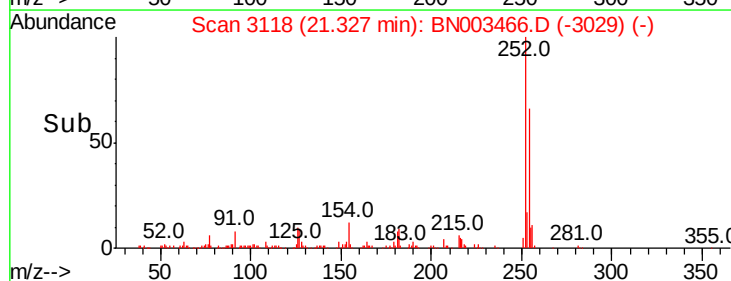
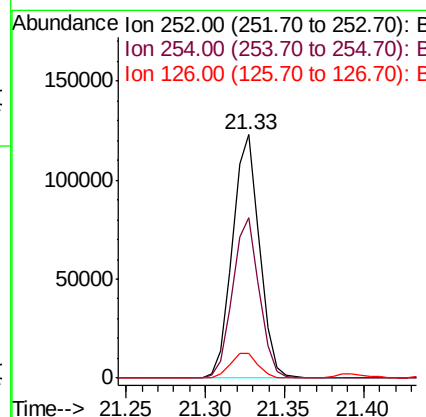
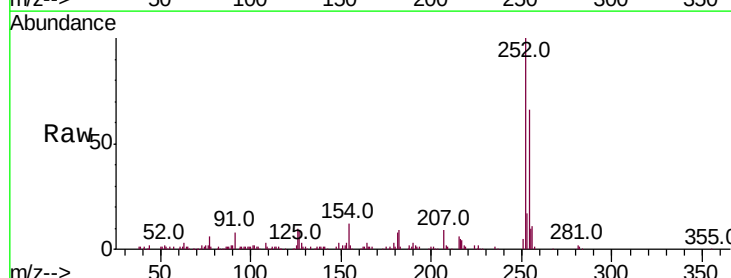
Instrument :
BNA_N
ClientSampleId :

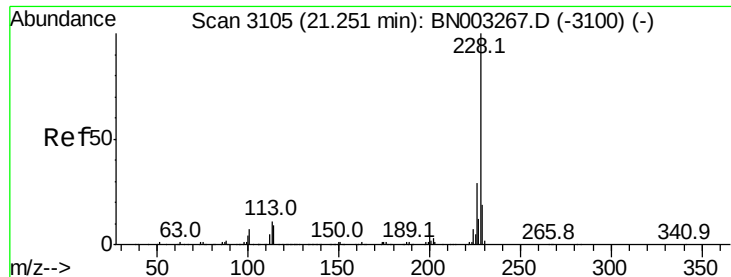
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.8	31.2
229	19.7	15.3	22.9



#82
3,3'-Dichlorobenzidine
Concen: 14.399 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003466.D
Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	10.0	9.3	13.9





#83

Chrysene

Concen: 29.242 ng

RT: 21.45 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

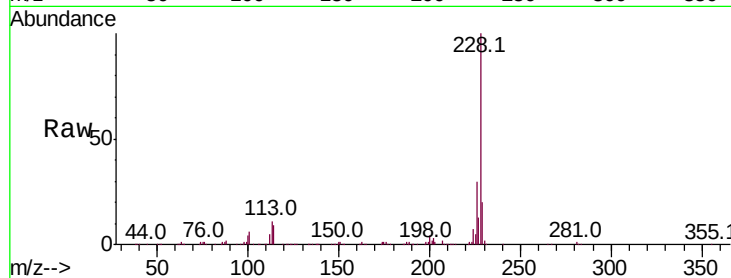
Tot Ion:228 Resp: 683070

Ion Ratio Lower Upper

228 100

226 29.8 23.3 34.9

229 19.9 15.3 22.9

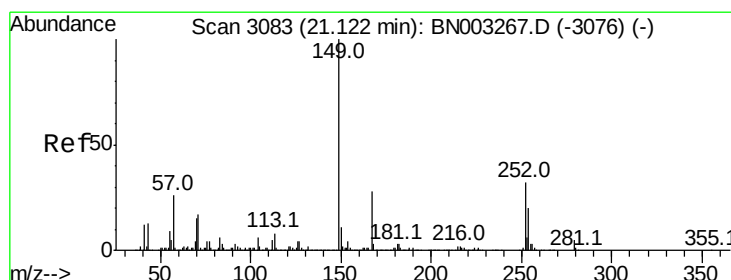
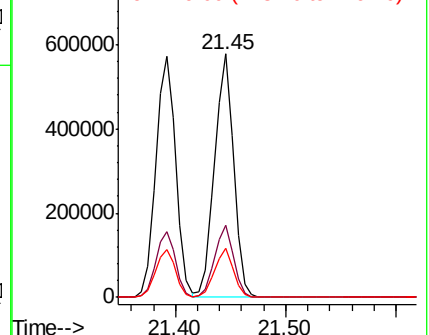
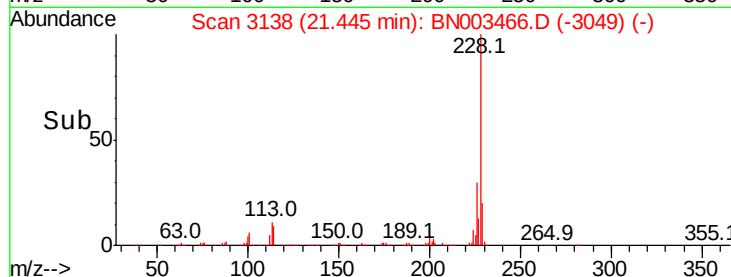


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.789 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

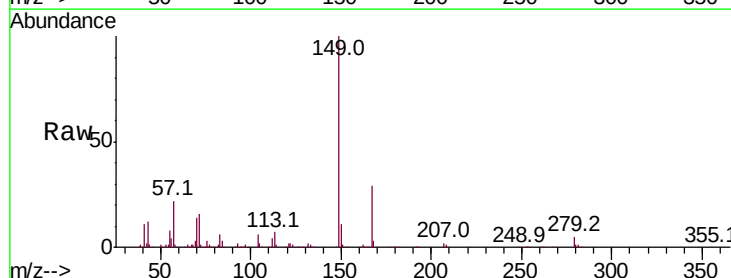
Tgt Ion:149 Resp: 469277

Ion Ratio Lower Upper

149 100

167 29.0 22.6 33.8

279 5.3 3.8 5.8

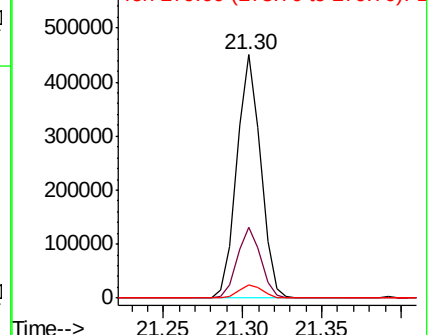
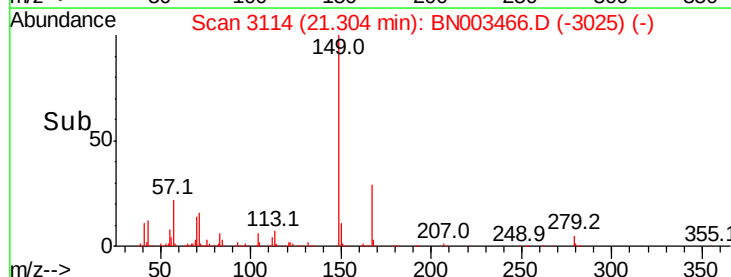


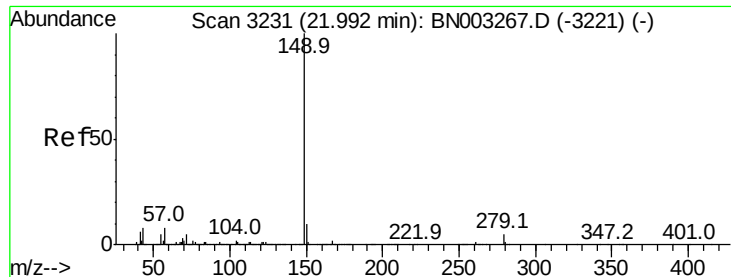
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 24.444 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

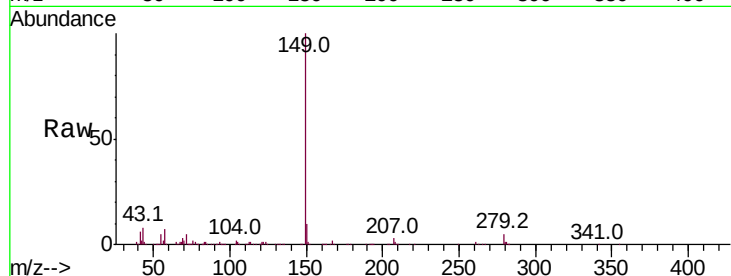
Tot Ion:149 Resp: 708349

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

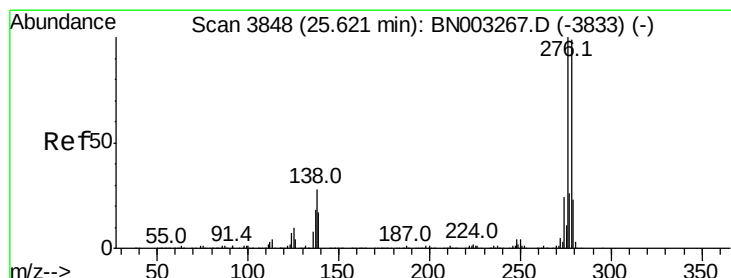
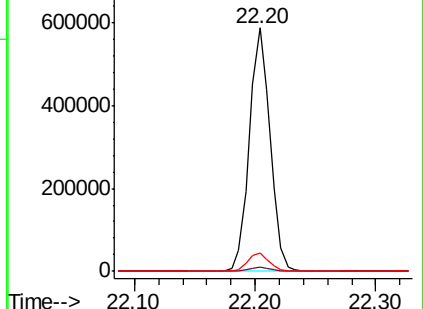
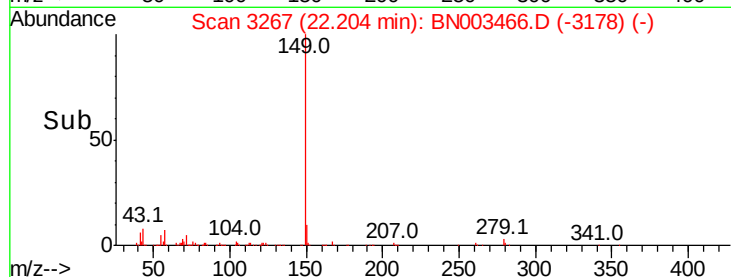
43 7.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.090 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

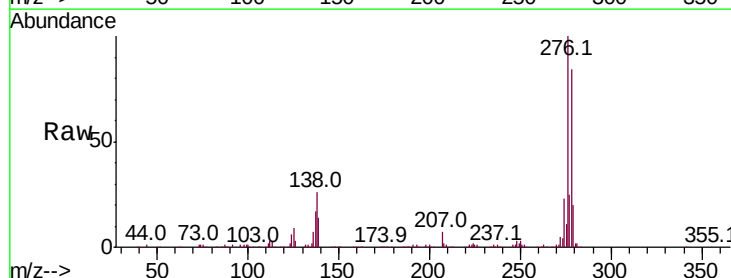
Tgt Ion:276 Resp: 939373

Ion Ratio Lower Upper

276 100

138 25.6 21.2 31.8

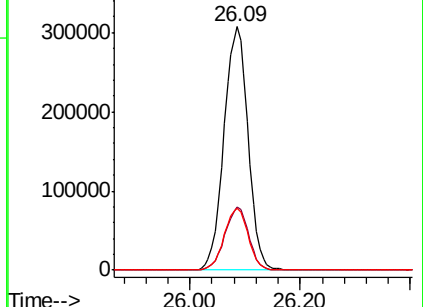
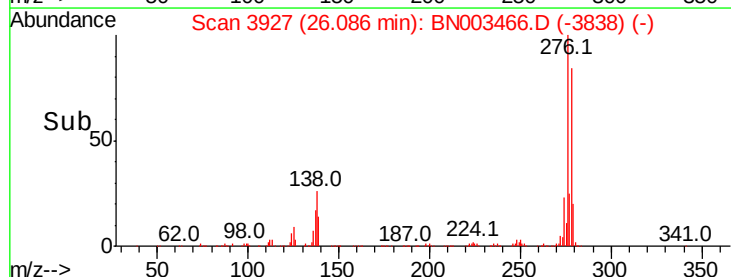
277 25.3 20.2 30.4

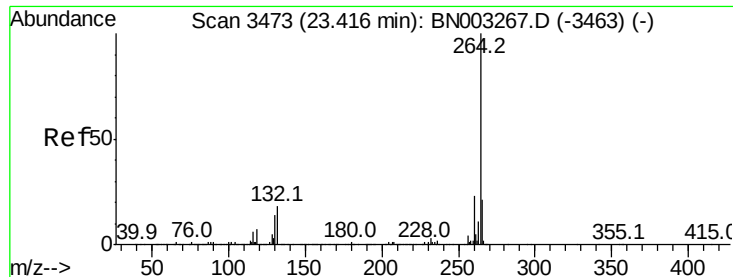


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :

BNA_N

ClientSampleId :

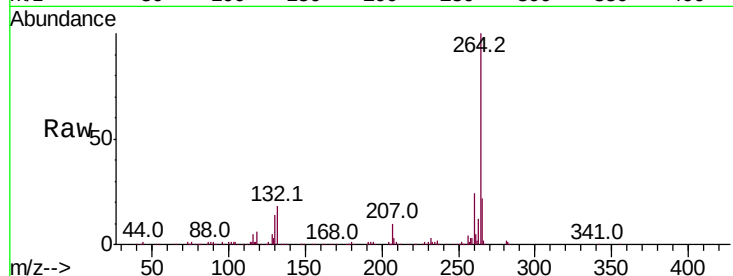
Tot Ion:264 Resp: 453299

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

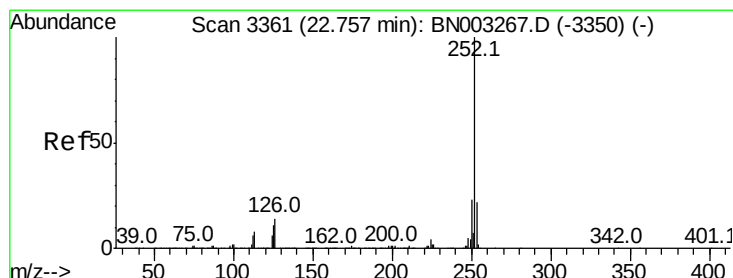
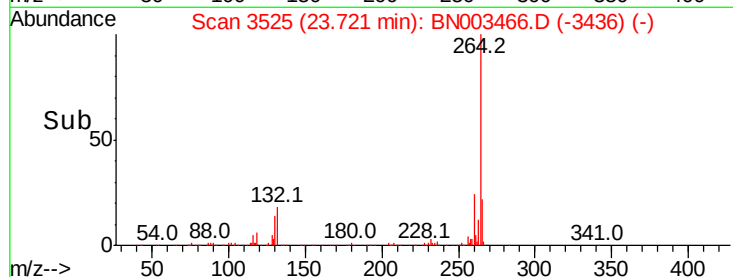
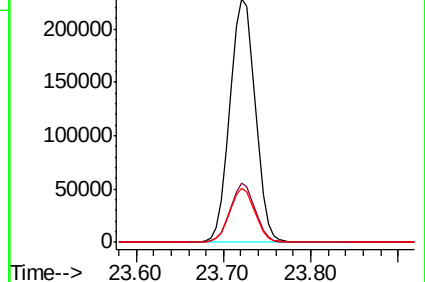
265 22.4 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 30.562 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

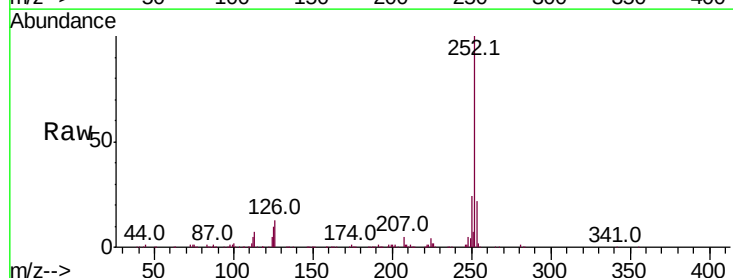
Tgt Ion:252 Resp: 762787

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

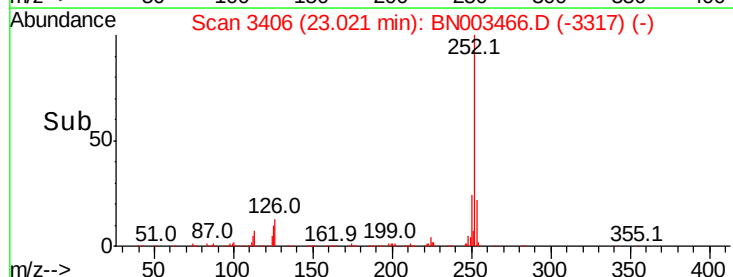
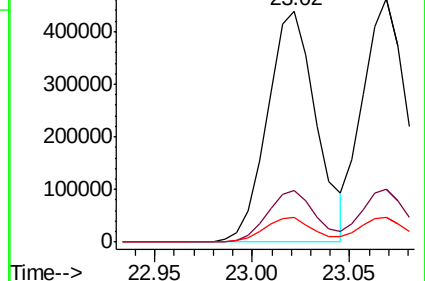
125 10.4 8.6 12.8

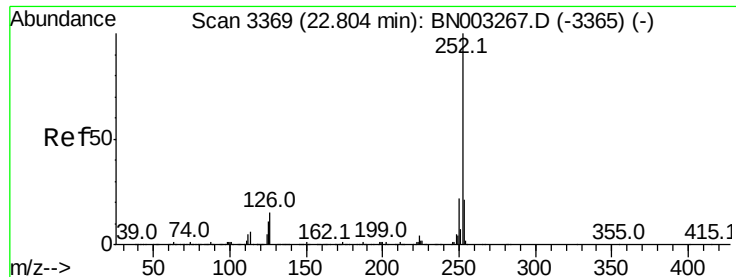


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 29.650 ng

RT: 23.07 min Scan# 3414

Delta R.T. -0.01 min

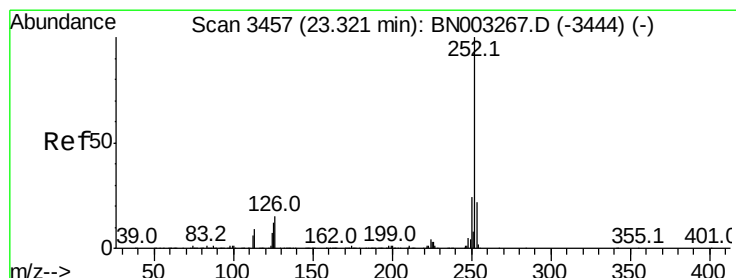
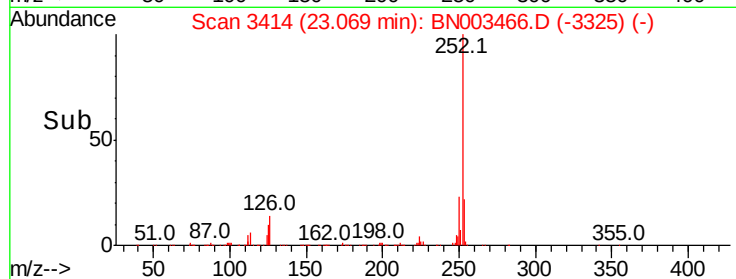
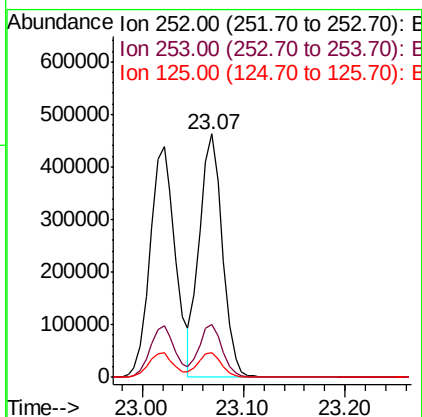
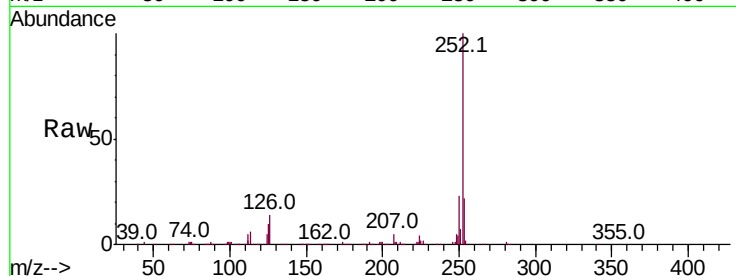
Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 725796

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.1	8.7	13.1



#90

Benzo(a)pyrene

Concen: 30.833 ng

RT: 23.62 min Scan# 3508

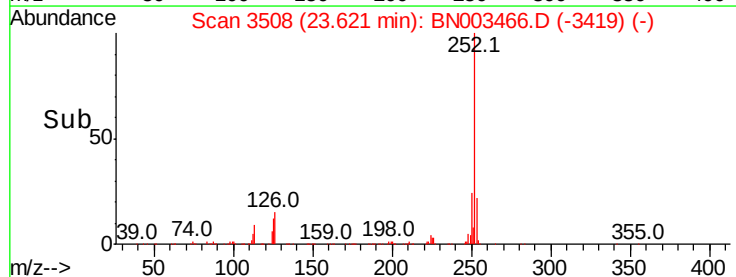
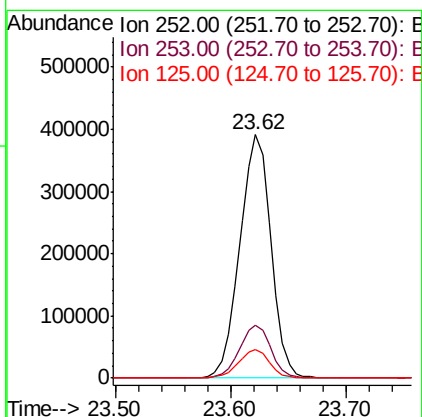
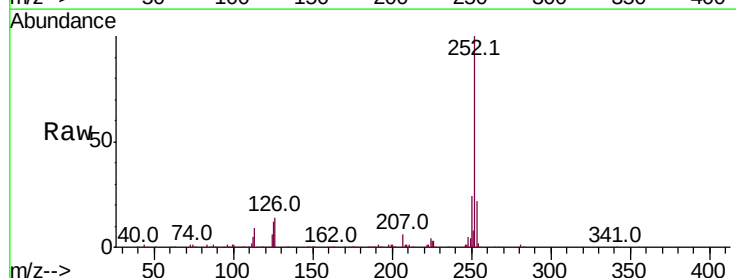
Delta R.T. -0.01 min

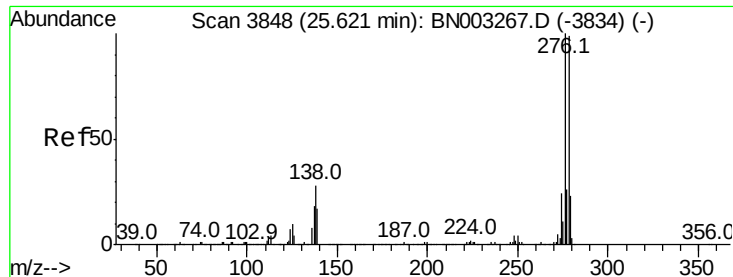
Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion:252 Resp: 733416

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.7	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 33.550 ng

RT: 26.10 min Scan# 3929

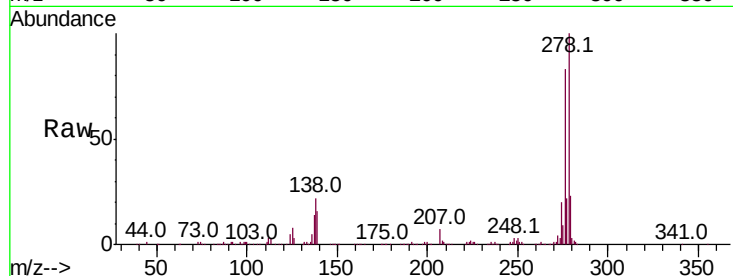
Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.9	20.9
279	23.4	19.0	28.6

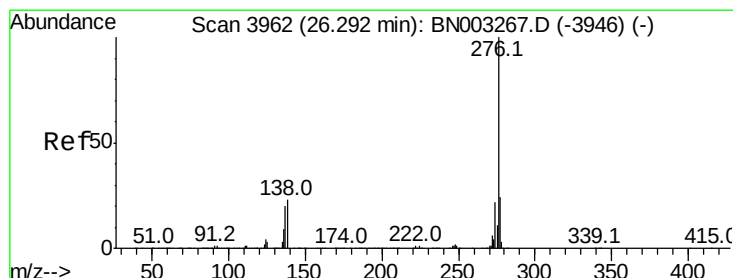
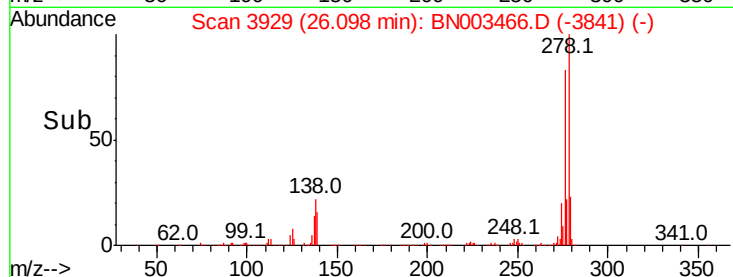
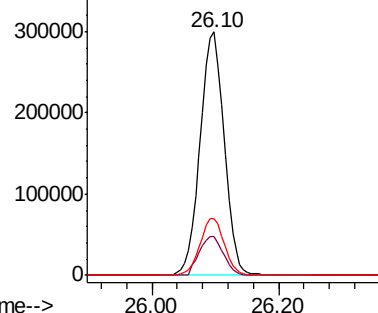


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.607 ng

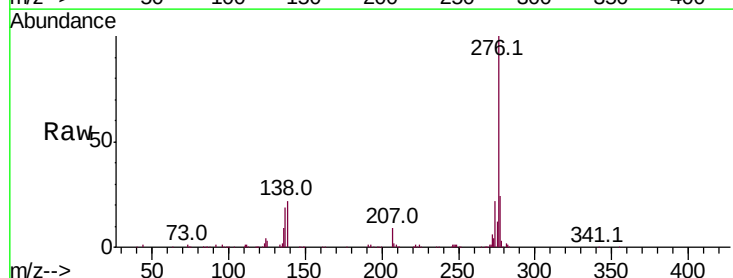
RT: 26.81 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BN003466.D

Acq: 07 Nov 2018 23:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	21.8	18.2	27.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

