

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036257.D
 Acq On : 10 Aug 2018 7:22
 Operator : JU/SJ
 Sample : J4398-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 10 08:10:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	1997	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	1730	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	1288	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	3792	20.00	ng	0.00
75) Chrysene-d12	21.65	240	3747	20.00	ng	0.00
86) Perylene-d12	24.85	264	3265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	239925	1994.65	ng	0.00
7) Phenol-d6	7.18	99	347131	1934.28	ng	-0.01
23) Nitrobenzene-d5	9.17	82	235376	5683.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	168702	9937.28	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	534708	5561.88	ng	-0.02
78) Terphenyl-d14	19.98	244	934690	5498.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	724	11.826	ng	# 63
8) 2-Chlorophenol	7.58	128	843	6.891	ng	# 21
9) Benzaldehyde	7.18	77	670	6.085	ng	# 29
10) Phenol	7.21	94	4680	25.812	ng	# 56
11) bis(2-Chloroethyl)ether	7.42	93	726	5.113	ng	# 71
12) 1,3-Dichlorobenzene	7.90	146	980	6.634	ng	# 68
13) 1,4-Dichlorobenzene	8.04	146	843	5.616	ng	# 67
14) 1,2-Dichlorobenzene	8.36	146	832	5.770	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1032	8.669	ng	# 75
17) 2-Methylphenol	8.46	107	589	4.778	ng	# 28
18) Hexachloroethane	9.08	117	279	4.861	ng	# 53
19) n-Nitroso-di-n-propylamine	9.17	70	32835	217.274	ng	# 69
22) Acetophenone	8.84	105	1407	26.153	ng	# 94
24) Nitrobenzene	9.22	77	1424	34.191	ng	# 42
25) Isophorone	9.76	82	1902	24.741	ng	# 69
26) 2-Nitrophenol	9.95	139	60	4.056	ng	# 29
27) 2,4-Dimethylphenol	10.07	122	594	23.724	ng	# 39
28) bis(2-Chloroethoxy)methane	10.27	93	147	3.470	ng	# 51
29) 2,4-Dichlorophenol	10.40	162	78	2.729	ng	# 23
30) 1,2,4-Trichlorobenzene	10.70	180	429	12.241	ng	# 86
31) Naphthalene	10.88	128	2564	28.452	ng	# 68
32) Benzoic acid	10.07	122	594	35.241	ng	# 1
33) 4-Chloroaniline	11.04	127	82	2.088	ng	# 46
34) Hexachlorobutadiene	11.14	225	894	32.713	ng	# 65
35) Caprolactam	11.80	113	91	7.419	ng	# 33
36) 4-Chloro-3-methylphenol	12.16	107	378	9.867	ng	# 45
37) 2-Methylnaphthalene	12.48	142	1975	29.417	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1587	32.645	ng	# 77
40) Hexachlorocyclopentadiene	12.82	237	69	2.706	ng	# 22
42) 2,4,6-Trichlorophenol	13.11	196	602	21.175	ng	# 11
43) 2,4,5-Trichlorophenol	13.11	196	602	18.929	ng	# 17
45) 1,1'-Biphenyl	13.47	154	3300	33.047	ng	# 97
46) 2-Chloronaphthalene	13.52	162	2141	27.564	ng	# 98
47) 2-Nitroaniline	13.76	65	134	4.880	ng	# 9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.36	152	3010	23.134	nq	# 78
49) Dimethylphthalate	14.09	163	97042	859.937	nq	# 98
50) 2,6-Dinitrotoluene	14.23	165	359	15.622	nq	# 18
51) Acenaphthene	14.70	154	2361	29.130	nq	# 80
54) Dibenzofuran	15.04	168	3185	24.709	nq	# 74
55) 4-Nitrophenol	15.04	139	1316	78.677	nq	# 1
56) 2,4-Dinitrotoluene	15.02	165	395	11.981	nq	# 39
57) Fluorene	15.68	166	3319	30.720	nq	# 60
58) 2,3,4,6-Tetrachlorophenol	15.28	232	589	19.316	nq	# 48
59) Diethylphthalate	15.44	149	3886	33.489	nq	# 75
60) 4-Chlorophenyl-phenylether	15.67	204	1821	28.677	nq	# 72
61) 4-Nitroaniline	16.02	138	56	2.279	nq	# 12
62) Azobenzene	15.97	77	2484	21.702	nq	# 82
64) 4,6-Dinitro-2-methylphenol	16.12	198	670	31.740	nq	# 5
65) n-Nitrosodiphenylamine	15.89	169	2455	22.745	nq	# 70
66) 4-Bromophenyl-phenylether	16.58	248	957	21.753	nq	# 83
67) Hexachlorobenzene	16.69	284	995	21.962	nq	# 79
68) Atrazine	16.86	200	1155	25.990	nq	# 35
70) Phenanthrene	17.44	178	4702	24.850	nq	# 93
71) Anthracene	17.53	178	4622	24.532	nq	# 90
72) Carbazole	17.81	167	1115	6.232	nq	# 84
73) Di-n-butylphthalate	18.34	149	8401	39.732	nq	# 96
74) Fluoranthene	19.44	202	5912	23.196	nq	# 96
76) Benzidine	19.98	184	16652	169.039	nq	# 85
77) Pyrene	19.80	202	5779	24.391	nq	# 93
79) Butylbenzylphthalate	20.68	149	2748	32.434	nq	# 95
80) Benzo(a)anthracene	21.63	228	5277	22.599	nq	# 93
81) 3,3'-Dichlorobenzidine	21.58	252	531	6.522	nq	# 38
82) Chrysene	21.63	228	5277	24.388	nq	# 91
83) Bis(2-ethylhexyl)phthalate	21.52	149	5680	49.312	nq	# 81
84) Di-n-octyl phthalate	22.71	149	5124	26.568	nq	# 70
85) Indeno(1,2,3-cd)pyrene	28.50	276	670	2.797	nq	# 54
87) Benzo(b)fluoranthene	23.83	252	5485	27.640	nq	# 92
88) Benzo(k)fluoranthene	23.89	252	5733	29.550	nq	# 93
89) Benzo(a)pyrene	24.69	252	4617	25.008	nq	# 92
90) Dibenzo(a,h)anthracene	28.57	278	1177	6.494	nq	# 87
91) Benzo(g,h,i)perylene	29.62	276	1381	7.786	nq	# 56

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

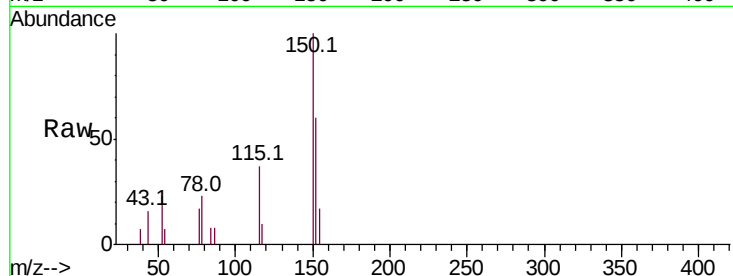


#1

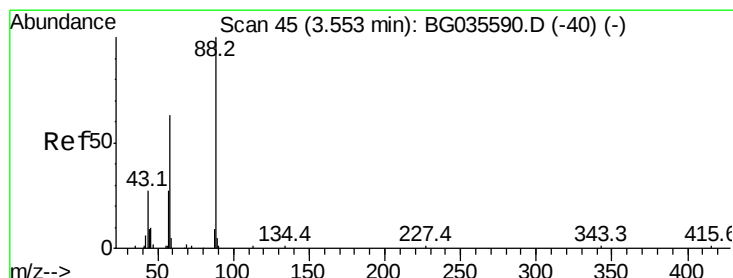
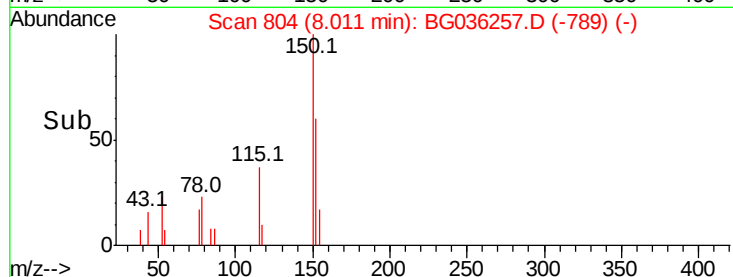
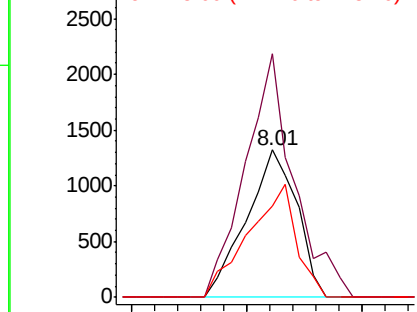
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1997
Ion Ratio Lower Upper
152 100
150 165.6 126.6 189.8
115 61.7 53.0 79.4



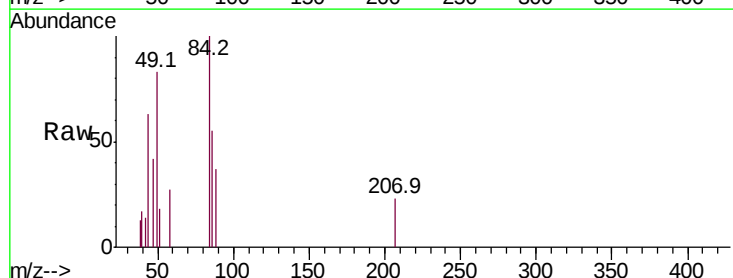
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



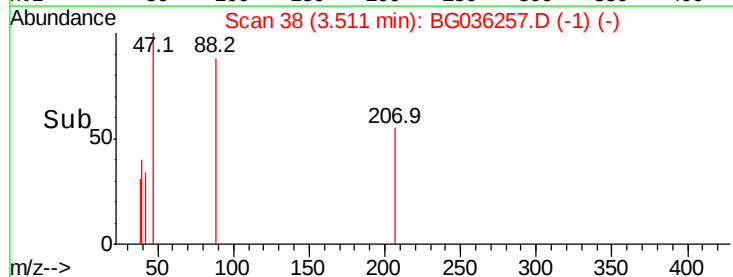
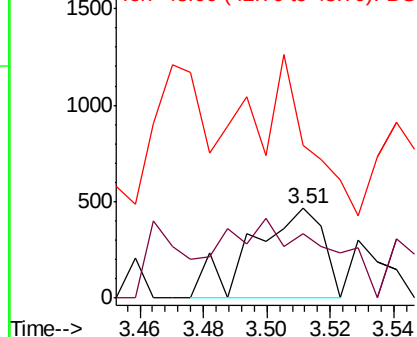
#2

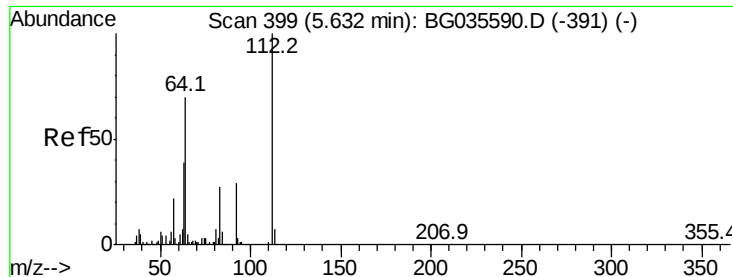
1,4-Dioxane
Concen: 11.826 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion: 88 Resp: 724
Ion Ratio Lower Upper
88 100
58 128.2 79.6 119.4#
43 0.0 27.4 41.0#



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





#5

2-Fluorophenol

Concen: 1994.651 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036257.D

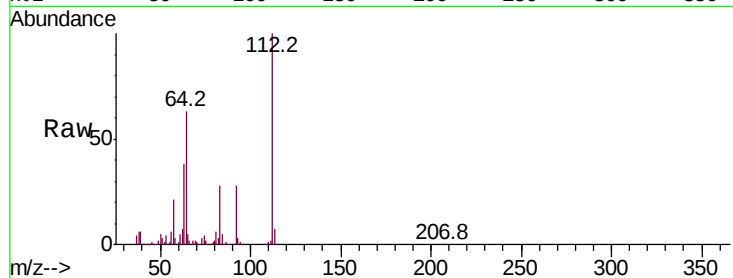
Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

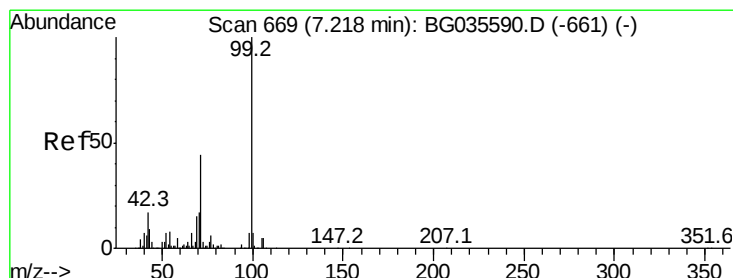
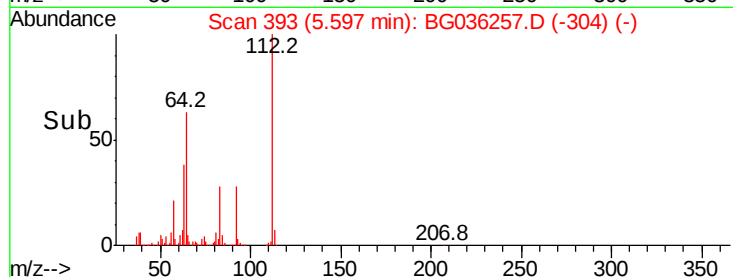
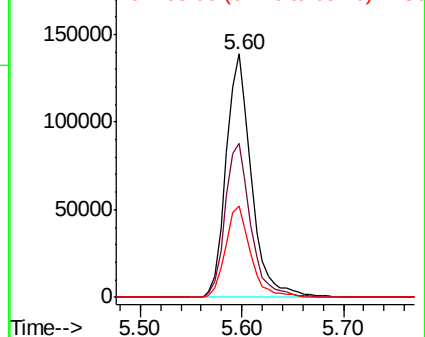
Tot Ion:	112	Resp:	239925
Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	37.7	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 1934.280 ng

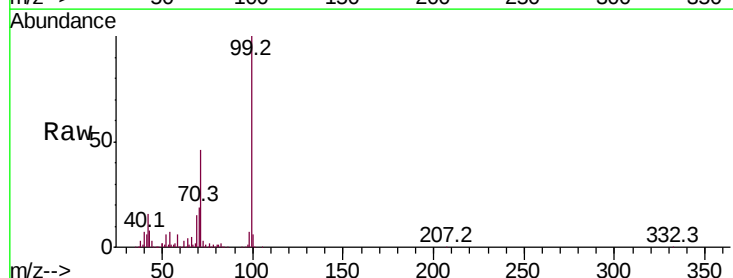
RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

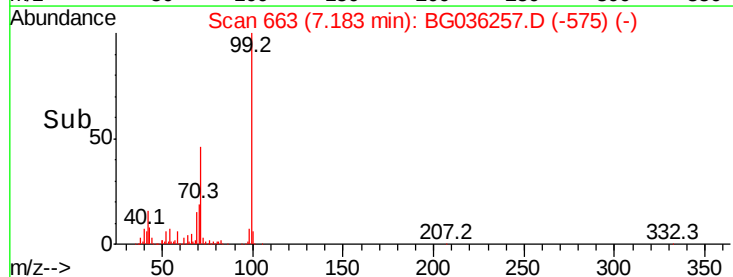
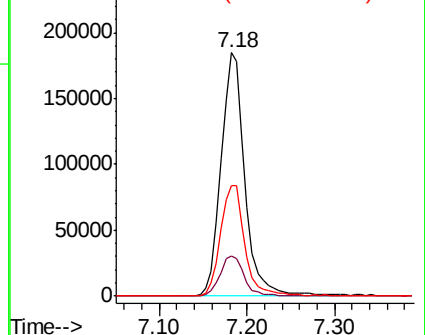
Tgt Ion:	99	Resp:	347131
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	45.6	26.1	39.1#

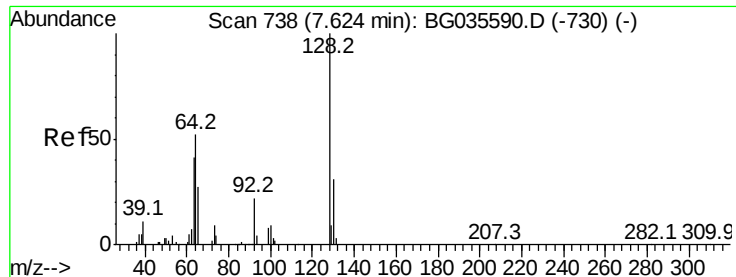


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 6.891 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampled :

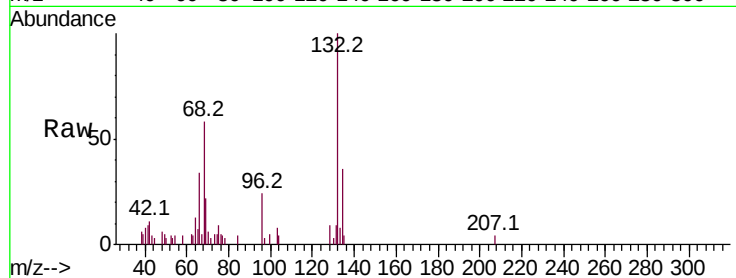
Tot Ion:128 Resp: 843

Ion Ratio Lower Upper

128 100

130 39.9 14.0 54.0

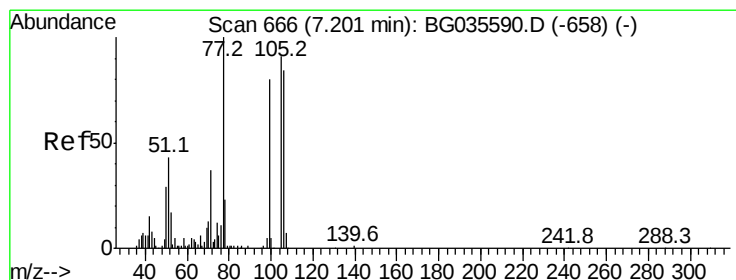
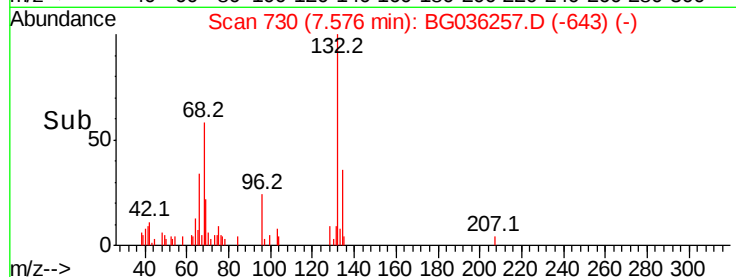
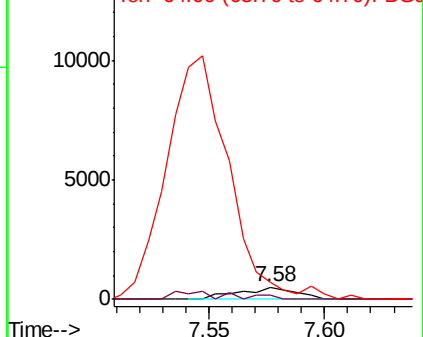
64 146.8 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 6.085 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

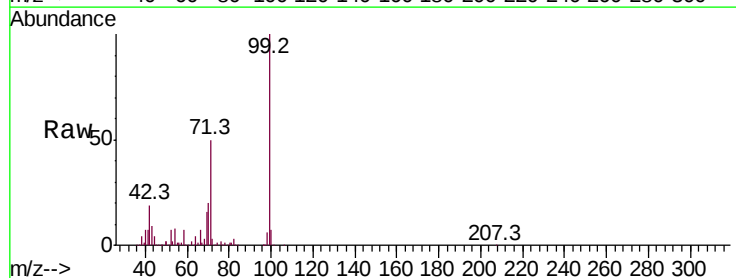
Tgt Ion: 77 Resp: 670

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

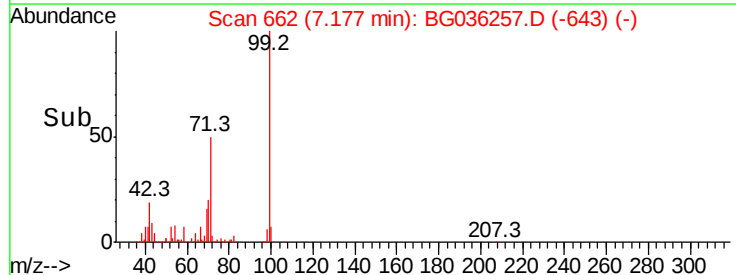
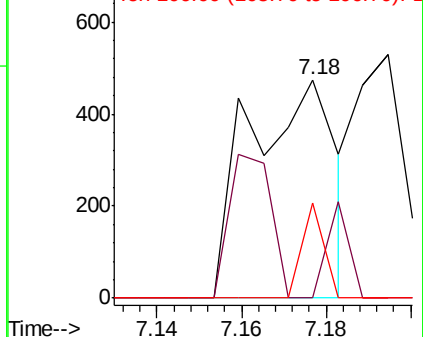
106 43.6 64.2 104.2#

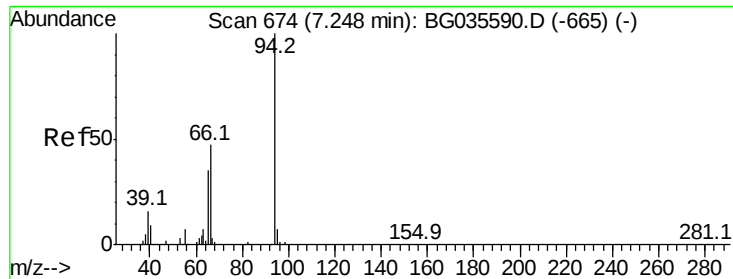


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.812 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

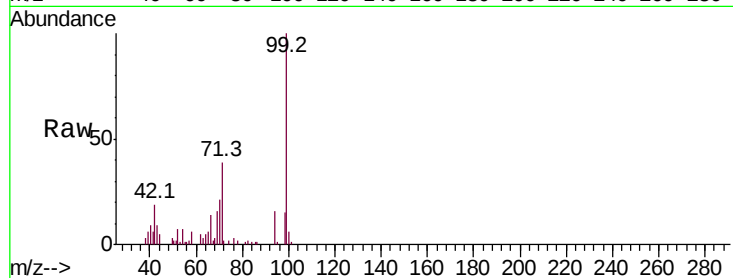
Tot Ion: 94 Resp: 4680

Ion Ratio Lower Upper

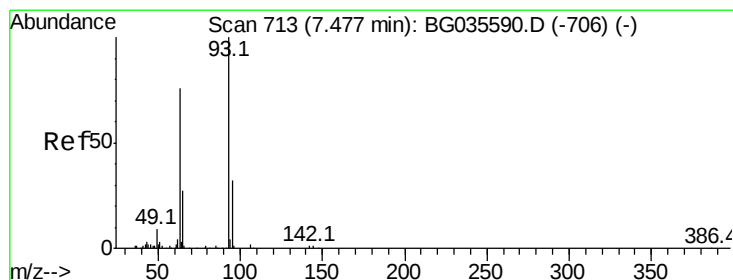
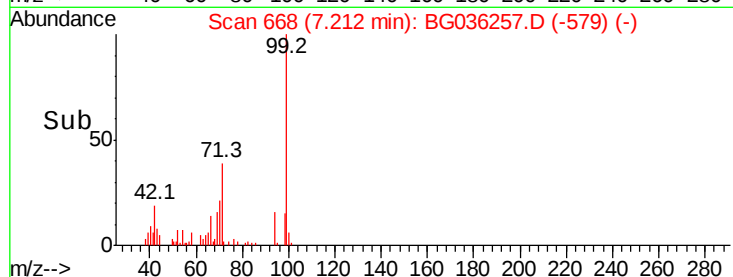
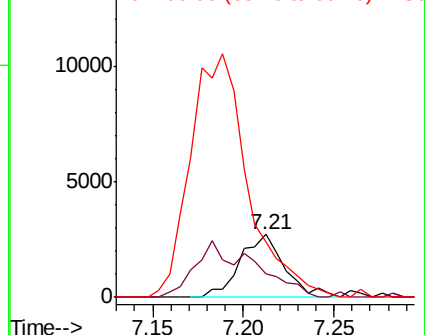
94 100

65 36.9 11.9 51.9

66 87.0 22.2 62.2#



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



#11

bis(2-Chloroethyl)ether

Concen: 5.113 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

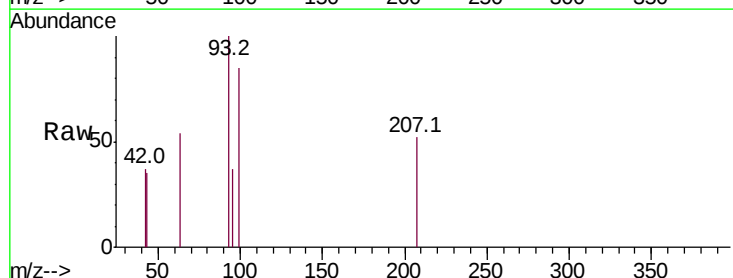
Tgt Ion: 93 Resp: 726

Ion Ratio Lower Upper

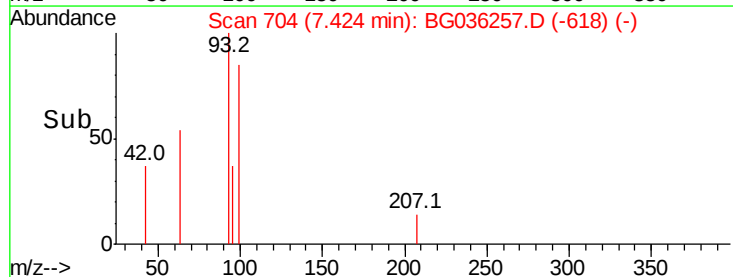
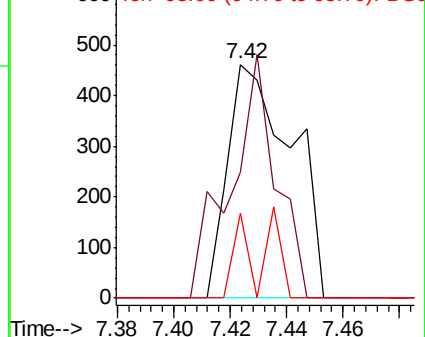
93 100

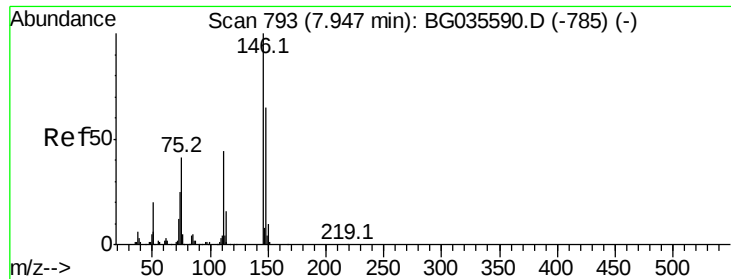
63 53.8 67.1 107.1#

95 36.7 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 6.634 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

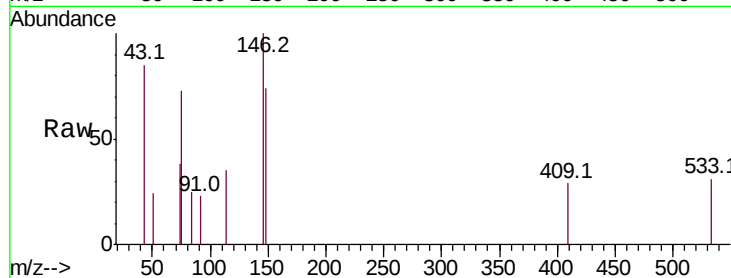
Tot Ion:146 Resp: 980

Ion Ratio Lower Upper

146 100

148 73.6 51.4 77.2

75 73.0 26.6 39.8#

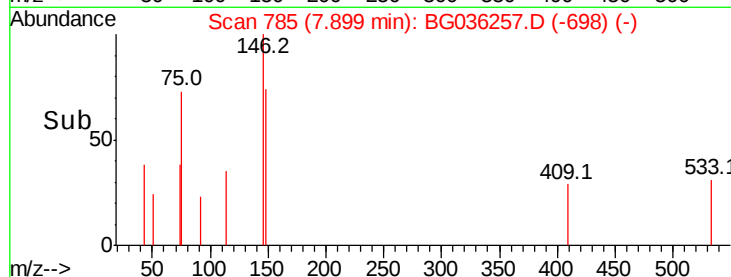


Abundance Ion 146.00 (145.70 to 146.70): E

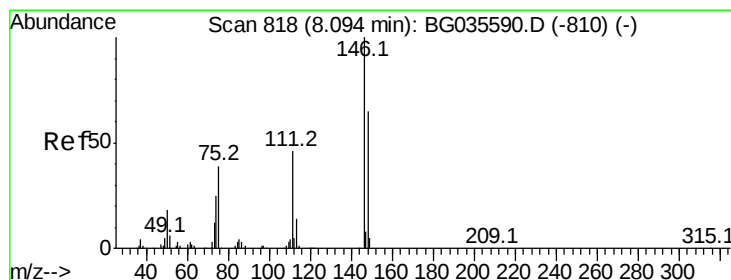
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B

Time-->



Time-->



#13

1,4-Dichlorobenzene

Concen: 5.616 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

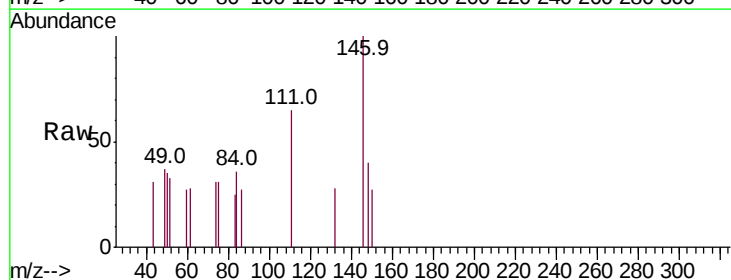
Tgt Ion:146 Resp: 843

Ion Ratio Lower Upper

146 100

148 40.1 53.7 80.5#

111 64.8 35.2 52.8#

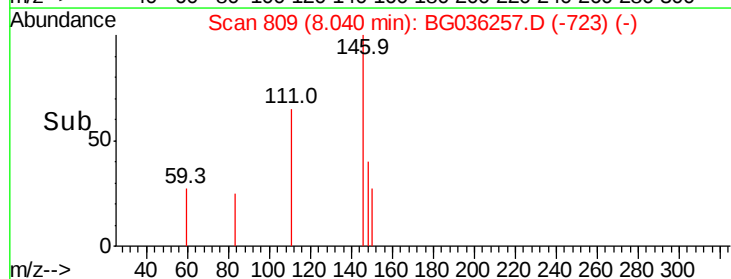


Abundance Ion 146.00 (145.70 to 146.70): E

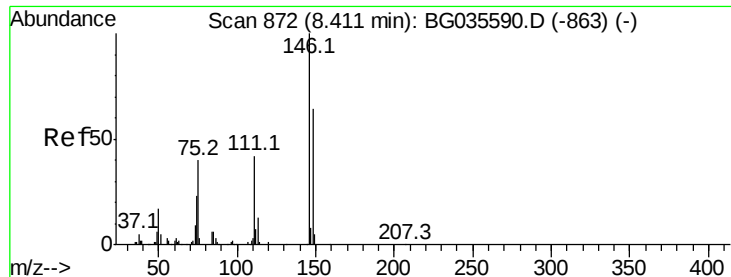
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



Time-->



#14

1,2-Dichlorobenzene

Concen: 5.770 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

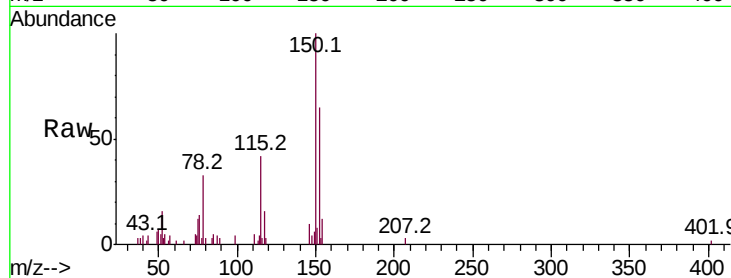
Tot Ion:146 Resp: 832

Ion Ratio Lower Upper

146 100

148 43.2 49.3 73.9#

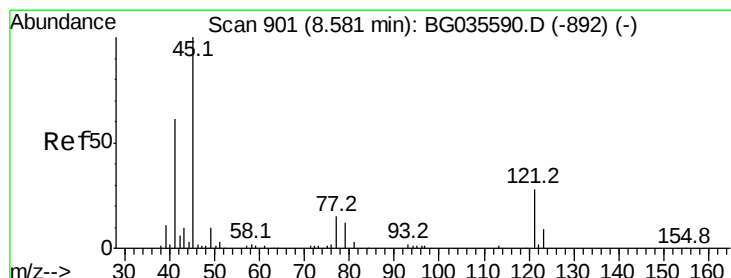
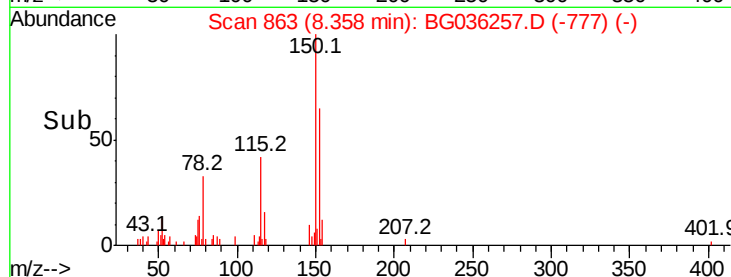
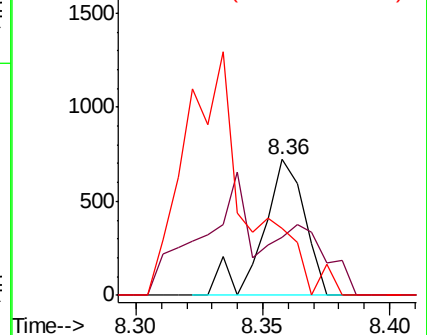
111 49.2 34.3 51.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.669 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

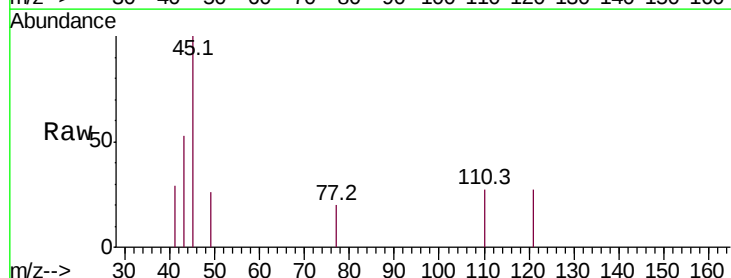
Tgt Ion: 45 Resp: 1032

Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.2

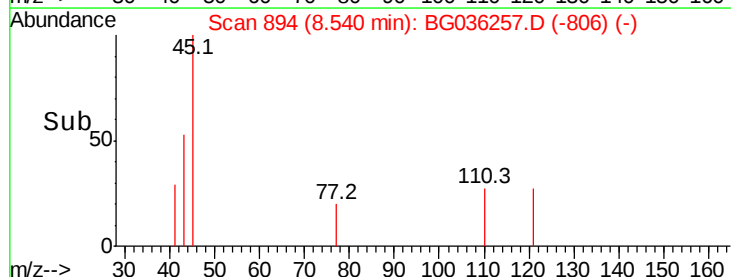
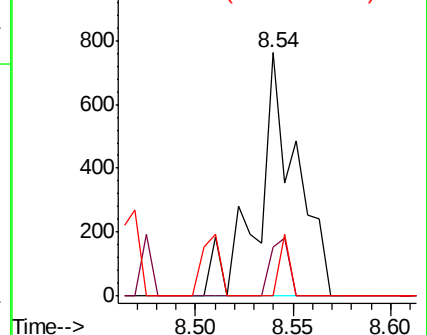
79 0.0 0.0 27.9

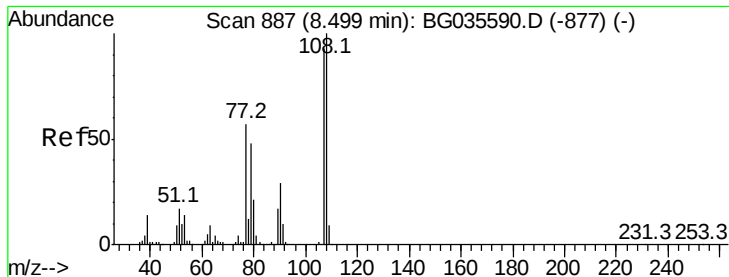


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 4.778 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG036257.D

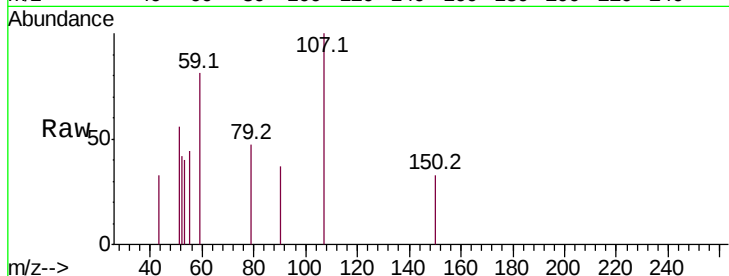
Acq: 10 Aug 2018 7:22

Instrument :

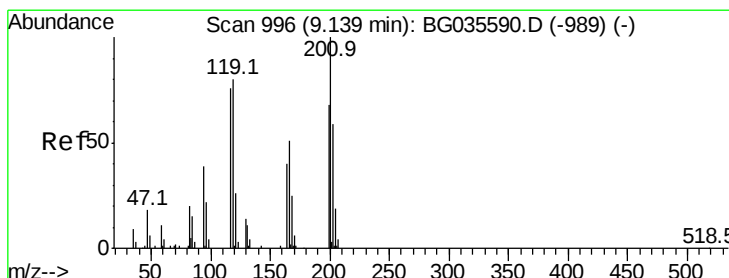
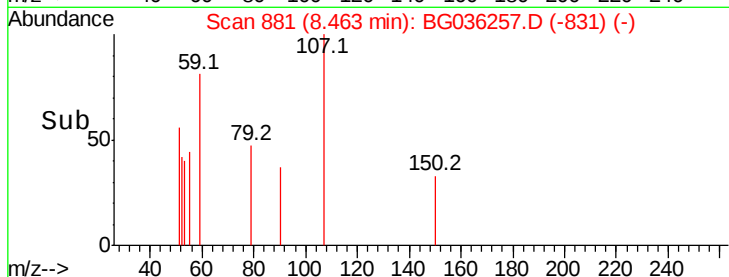
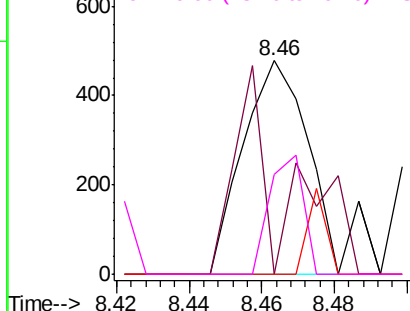
BNA_N

ClientSampleId :

Tot Ion:	107	Resp:	589
Ion	Ratio	Lower	Upper
107	100		
108	0.0	83.9	125.9#
77	0.0	37.2	55.8#
79	46.7	36.2	54.2



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): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 4.861 ng

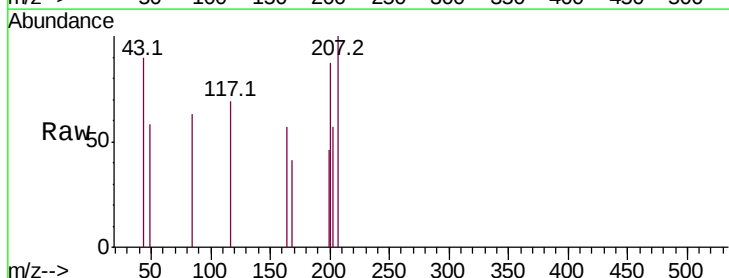
RT: 9.08 min Scan# 986

Delta R.T. -0.02 min

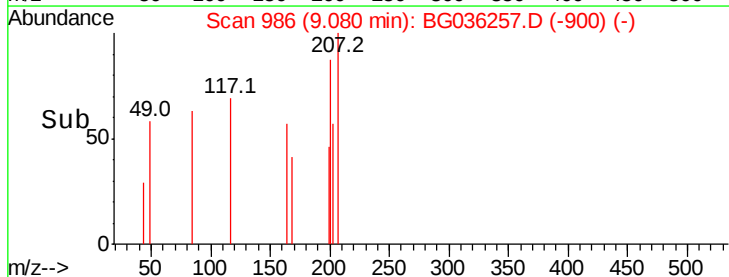
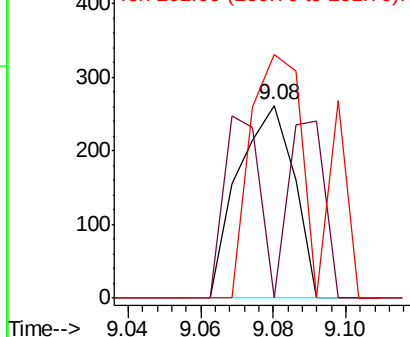
Lab File: BG036257.D

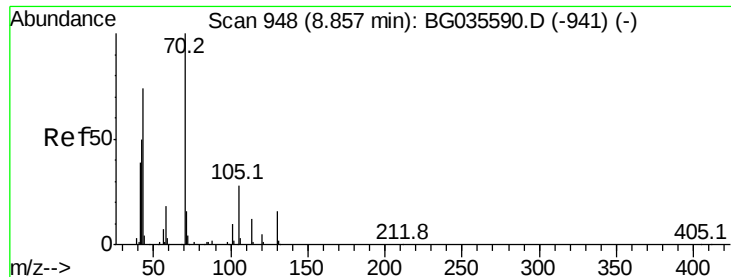
Acq: 10 Aug 2018 7:22

Tgt Ion:	117	Resp:	279
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	126.3	95.7	143.5



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

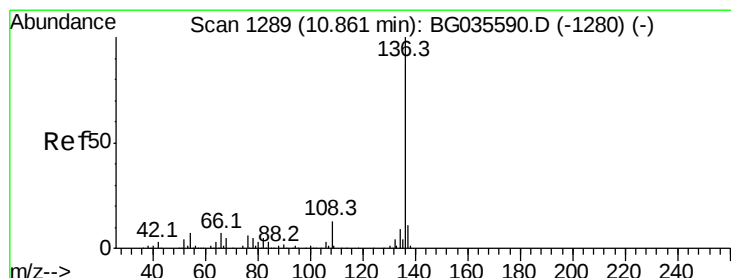
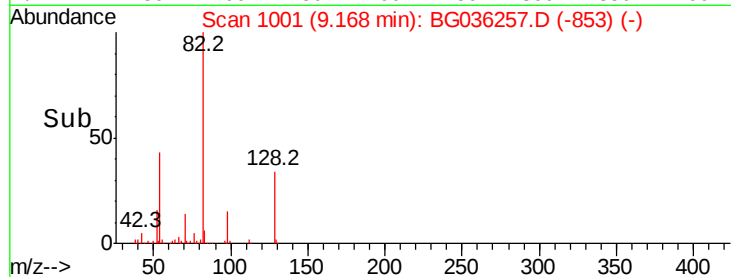
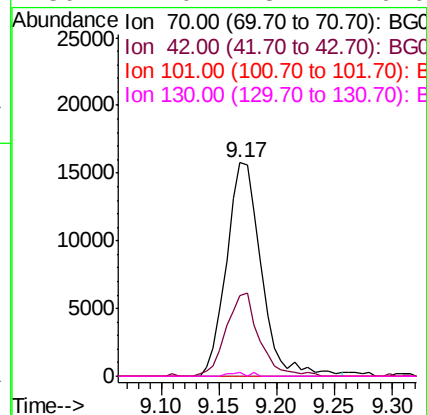
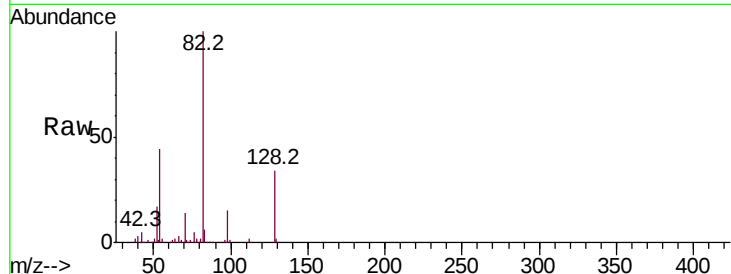




#19
n-Nitroso-di-n-propylamine
Concen: 217.274 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

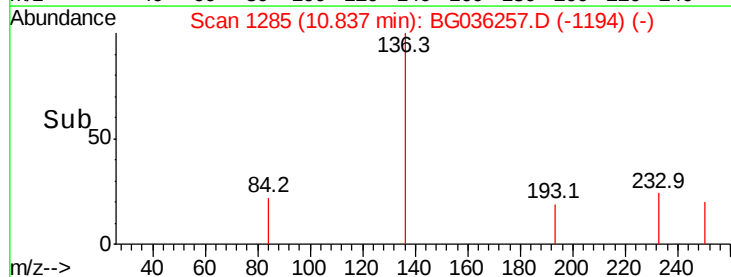
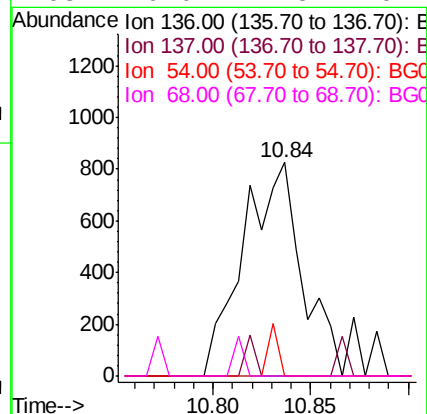
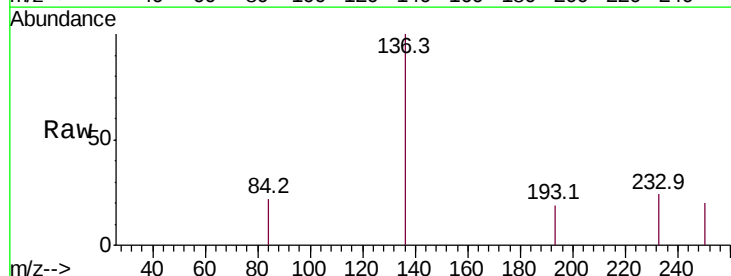
Instrument :
BNA_N
ClientSampled :

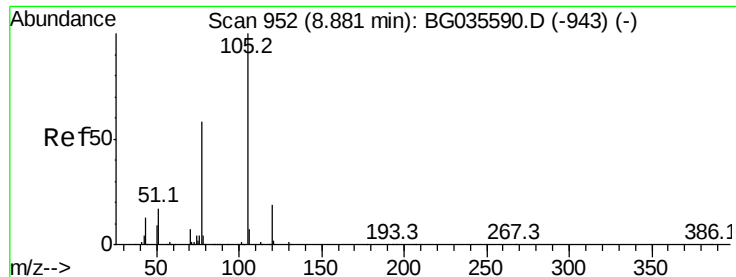
Tot Ion: 70 Resp: 32835
Ion Ratio Lower Upper
70 100
42 37.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion: 136 Resp: 1730
Ion Ratio Lower Upper
136 100
137 0.0 9.2 13.8#
54 0.0 10.3 15.5#
68 0.0 4.5 6.7#





#22

Acetophenone

Concen: 26.153 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG036257.D

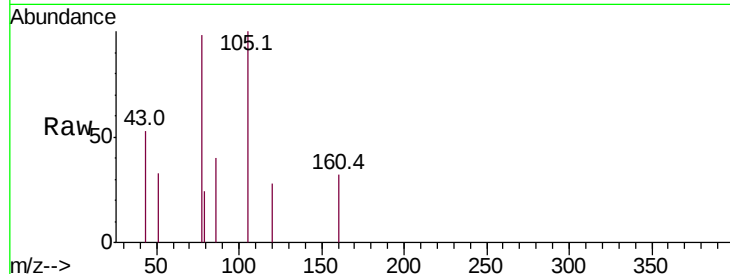
Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampled :

Tot Ion:	105	Resp:	1407
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	32.8	26.1	39.1
120	28.0	17.4	26.2#

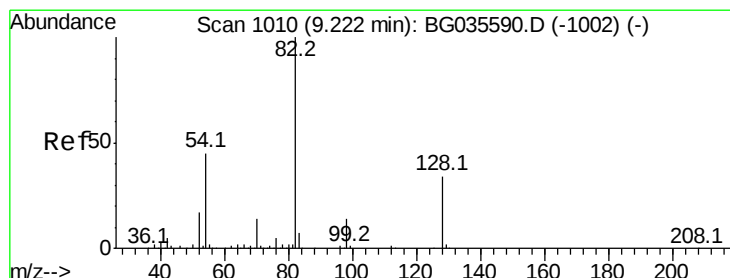
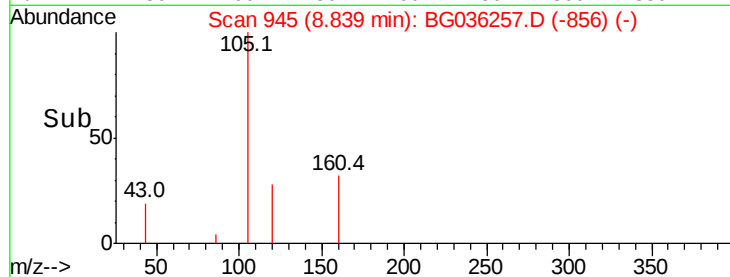
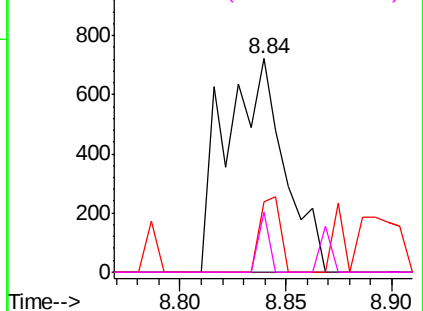


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 5683.681 ng

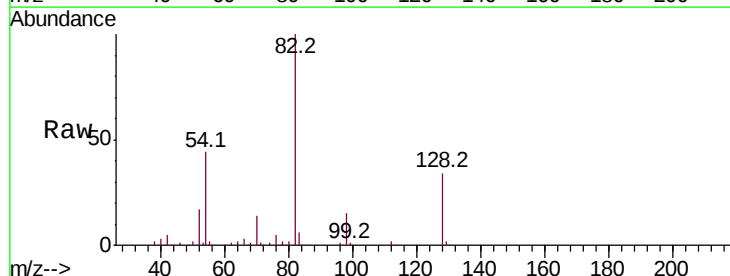
RT: 9.17 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

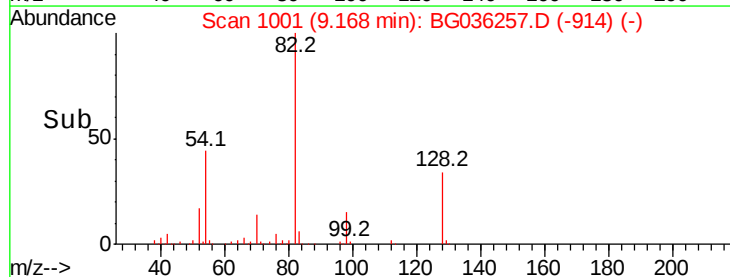
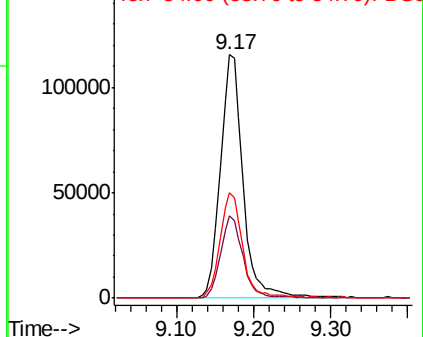
Tgt Ion:	82	Resp:	235376
Ion Ratio	Lower	Upper	
82	100		
128	33.6	29.7	44.5
54	43.5	43.1	64.7

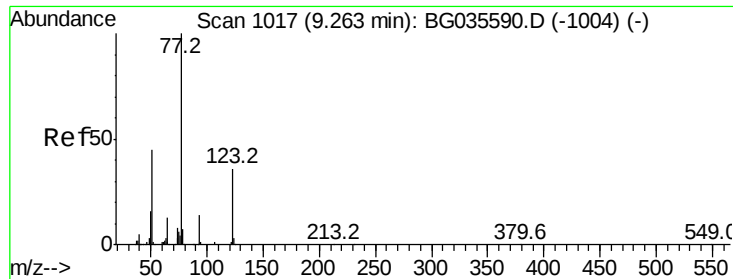


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG

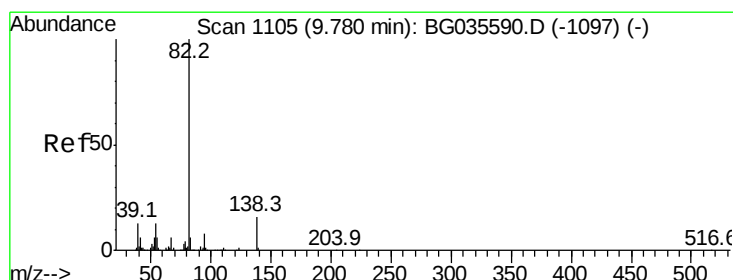
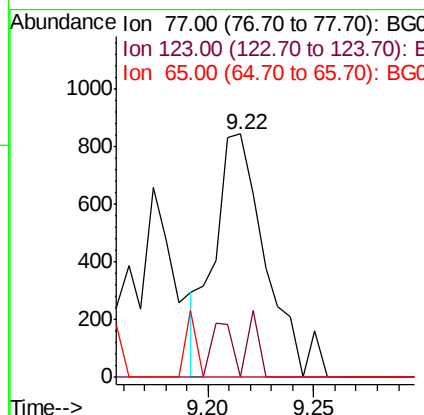
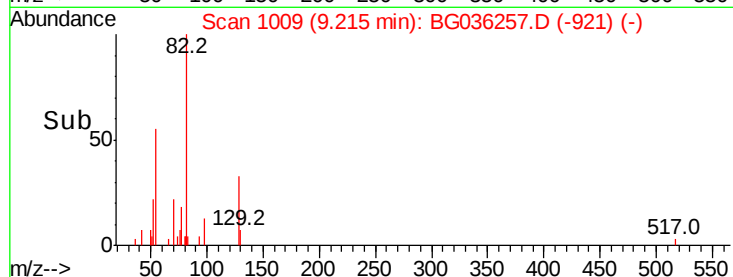
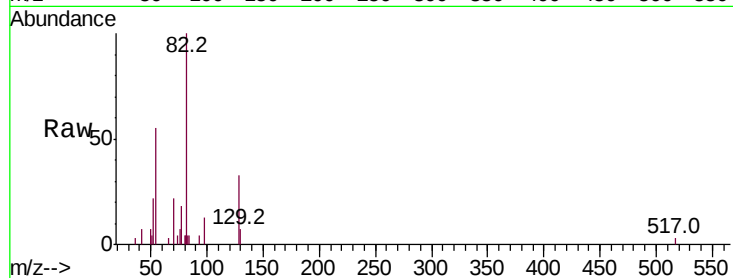




#24
Nitrobenzene
Concen: 34.191 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

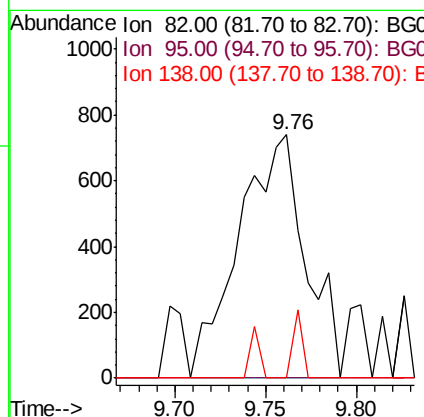
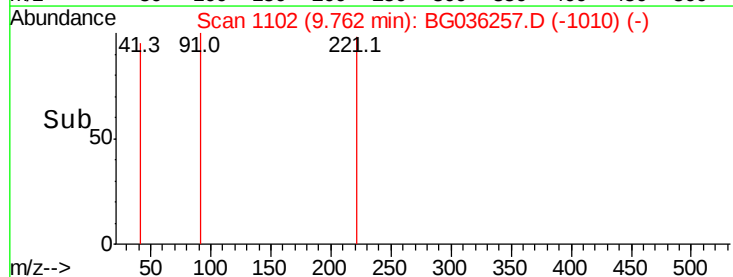
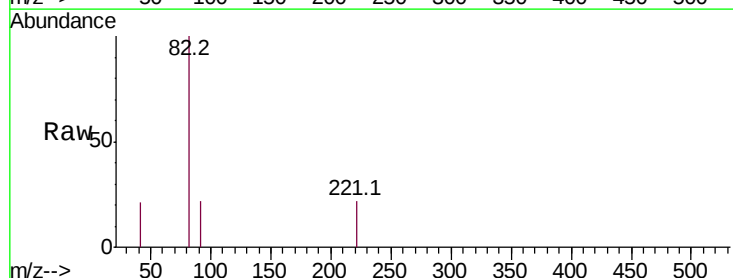
Instrument :
BNA_N
ClientSampleId :

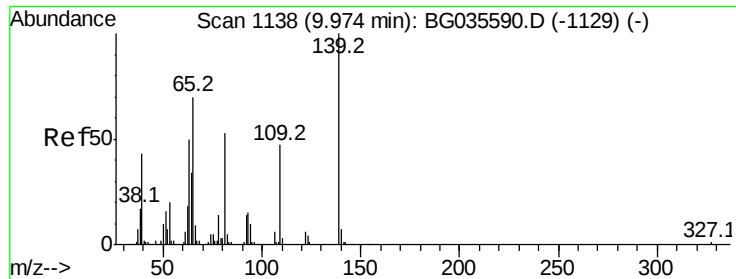
Tot Ion: 77 Resp: 1424
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 0.0 13.0 19.6#



#25
Isophorone
Concen: 24.741 ng
RT: 9.76 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion: 82 Resp: 1902
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.1 18.1#





#26

2-Nitrophenol

Concen: 4.056 ng

RT: 9.95 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG036257.D

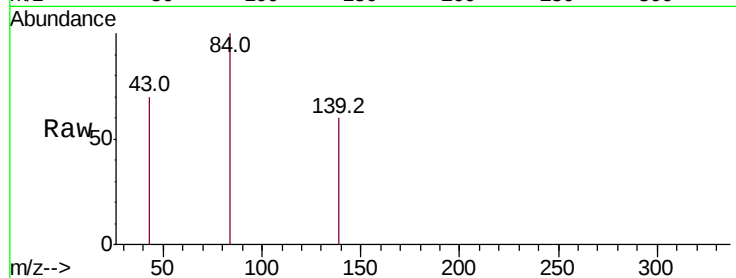
Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

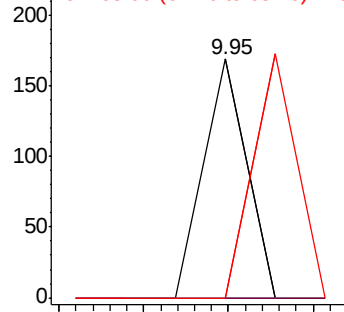
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#



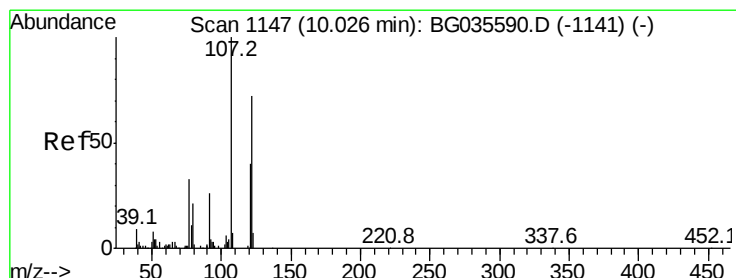
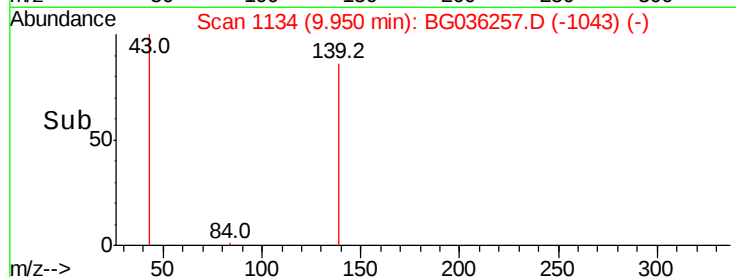
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time--> 9.93 9.94 9.95 9.96



#27

2,4-Dimethylphenol

Concen: 23.724 ng

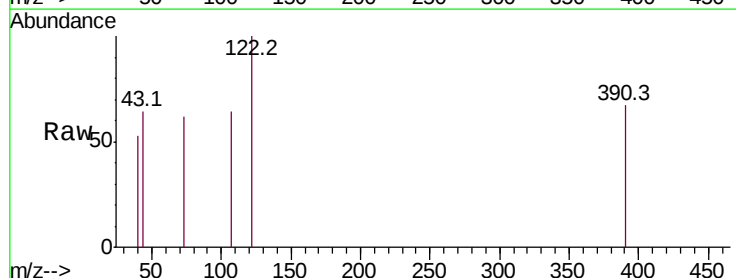
RT: 10.07 min Scan# 1155

Delta R.T. 0.07 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

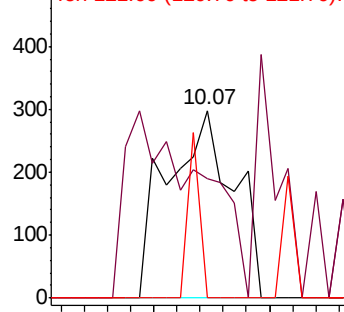
Tgt Ion	Ratio	Lower	Upper
122	100		
107	63.8	100.2	150.2#
121	0.0	44.4	66.6#



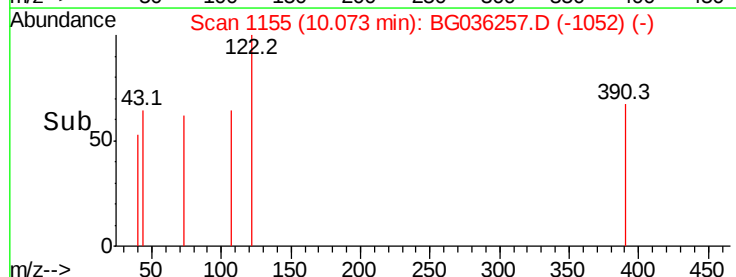
Abundance Ion 122.00 (121.70 to 122.70): E

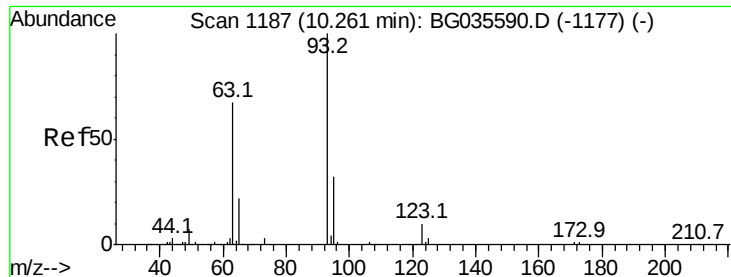
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time--> 10.05 10.10

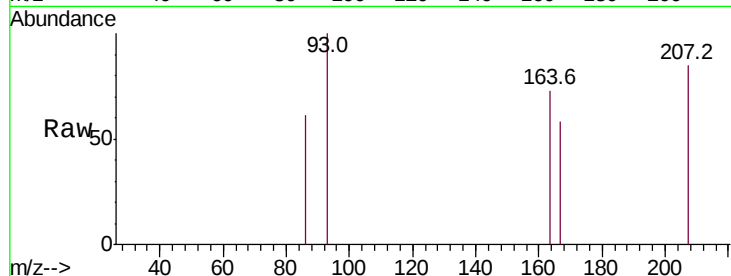




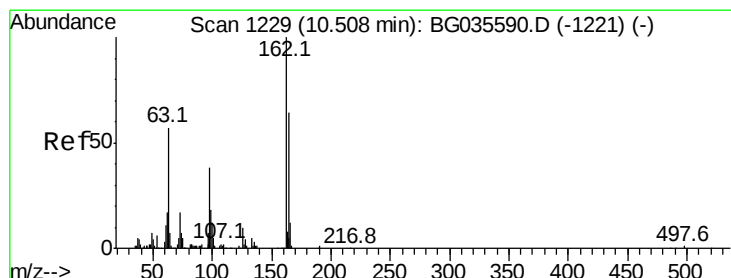
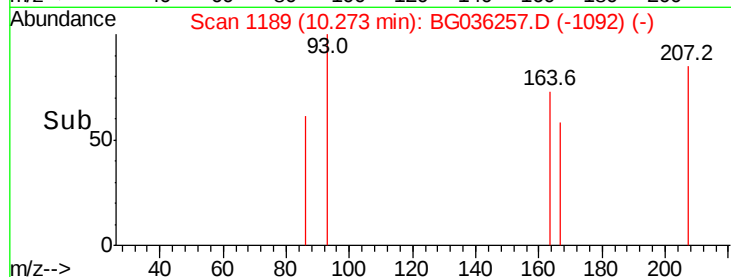
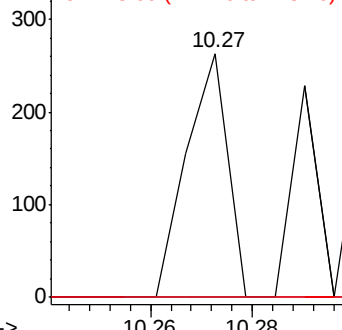
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.470 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. 0.04 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 93 Resp: 147
 Ion Ratio Lower Upper
 93 100
 95 0.0 24.3 36.5#
 123 0.0 8.4 12.6#

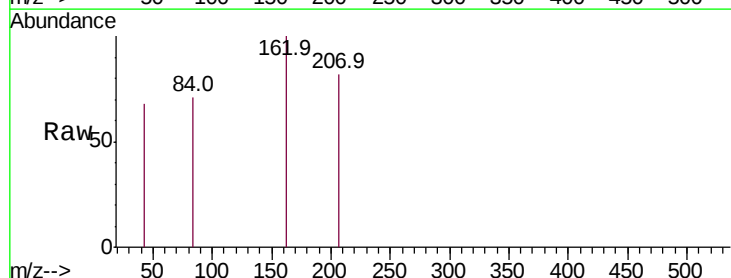


Abundance Ion 93.00 (92.70 to 93.70): BG036257.D (-1189) (-)
 Ion 95.00 (94.70 to 95.70): BG036257.D (-1189) (-)
 Ion 123.00 (122.70 to 123.70): BG036257.D (-1189) (-)

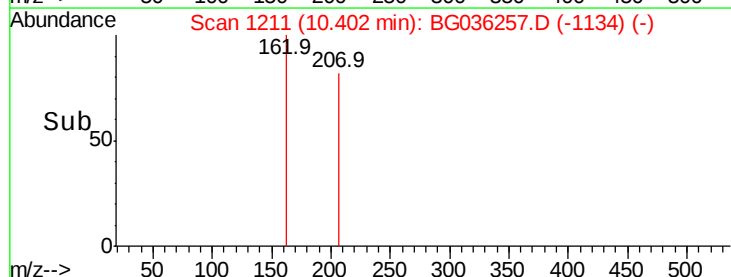
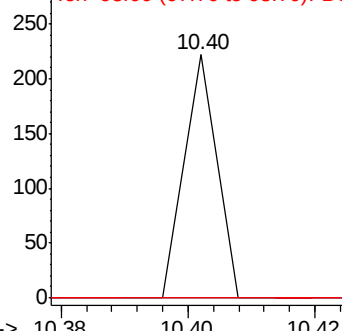


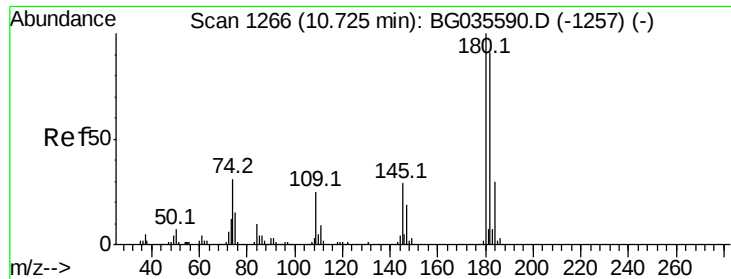
#29
 2,4-Dichlorophenol
 Concen: 2.729 ng
 RT: 10.40 min Scan# 1211
 Delta R.T. -0.08 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:162 Resp: 78
 Ion Ratio Lower Upper
 162 100
 164 0.0 48.0 88.0#
 98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): BG036257.D (-1229) (-)
 Ion 164.00 (163.70 to 164.70): BG036257.D (-1229) (-)
 Ion 98.00 (97.70 to 98.70): BG036257.D (-1229) (-)

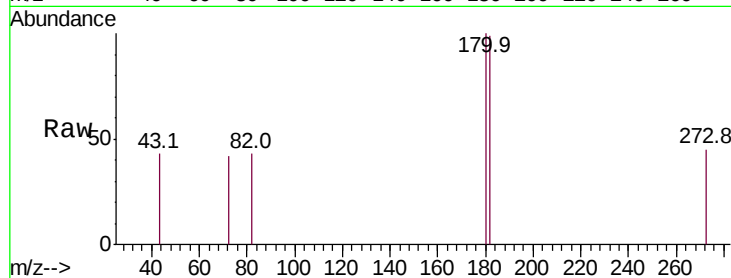




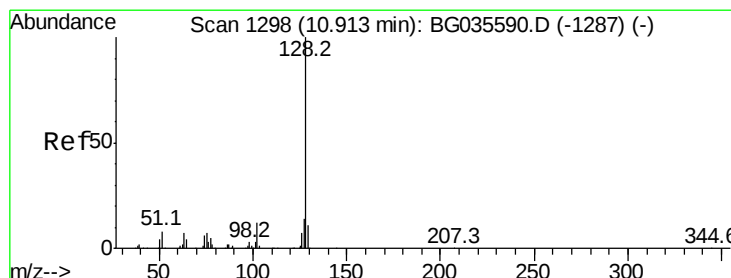
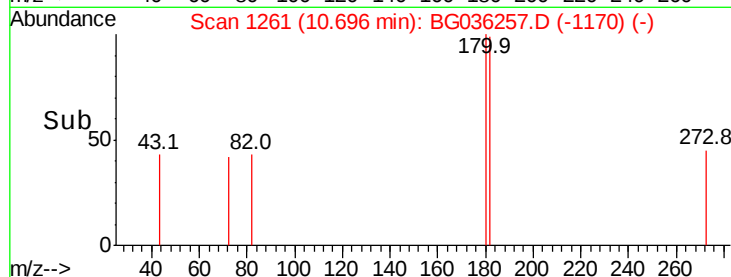
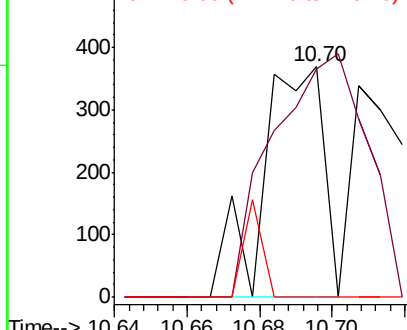
#30
1,2,4-Trichlorobenzene
Concen: 12.241 ng
RT: 10.70 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:180 Resp: 429
Ion Ratio Lower Upper
180 100
182 98.9 77.5 116.3
145 0.0 23.4 35.2#

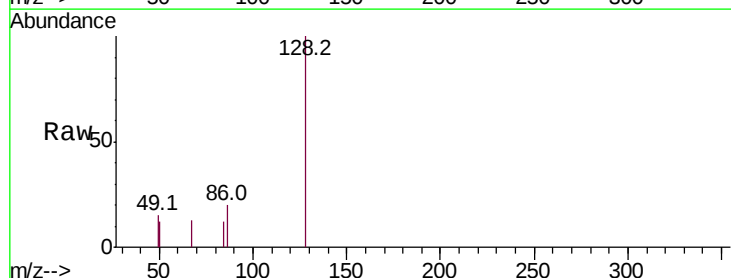


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

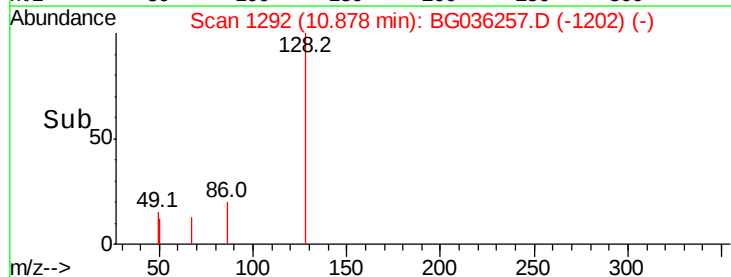
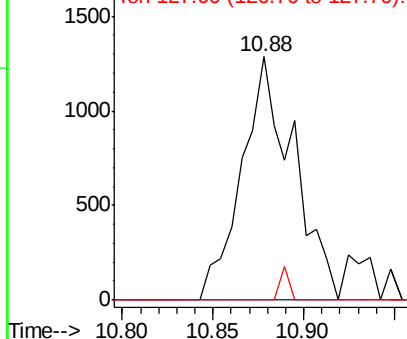


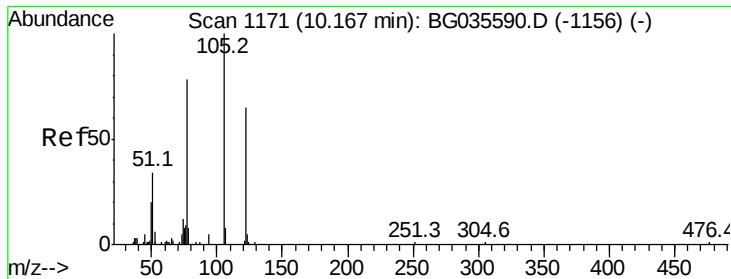
#31
Naphthalene
Concen: 28.452 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion:128 Resp: 2564
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



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: 35.241 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.09 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

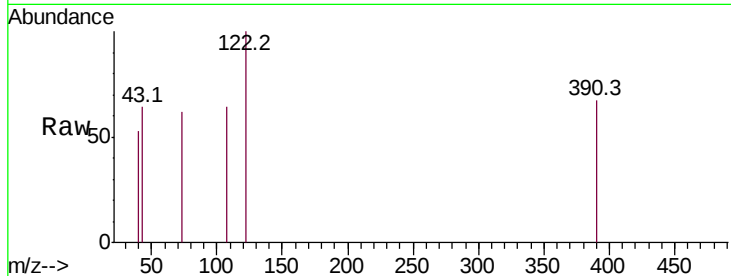
Tot Ion:122 Resp: 594

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

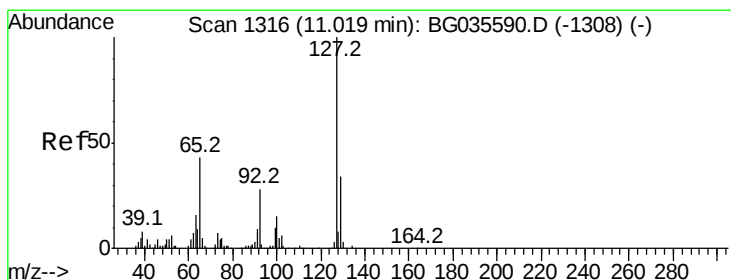
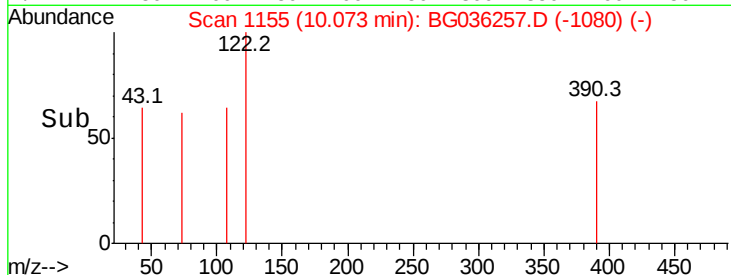
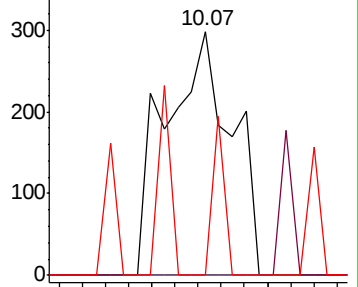
77 0.0 85.7 125.7#



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): BGC



#33

4-Chloroaniline

Concen: 2.088 ng

RT: 11.04 min Scan# 1319

Delta R.T. 0.05 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Tgt Ion:127 Resp: 82

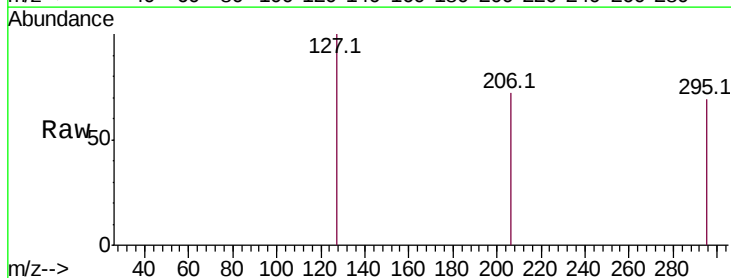
Ion Ratio Lower Upper

127 100

129 0.0 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#

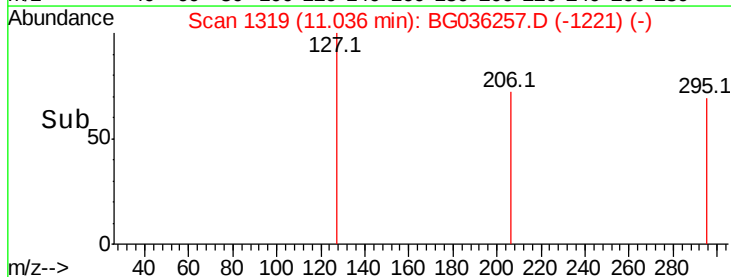
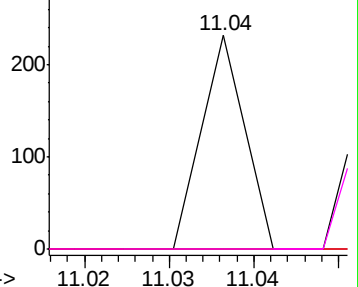


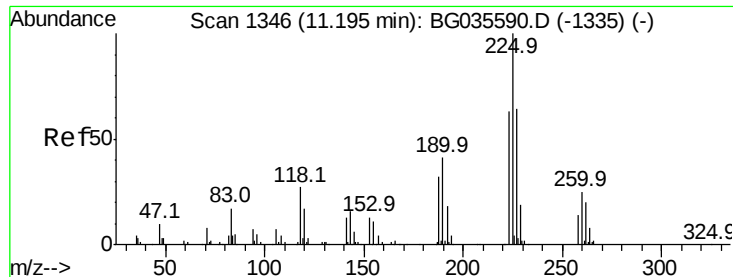
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 32.713 ng

RT: 11.14 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampled :

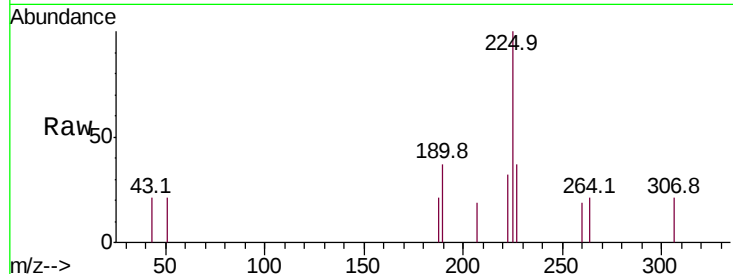
Tot Ion:225 Resp: 894

Ion Ratio Lower Upper

225 100

223 31.9 49.7 74.5#

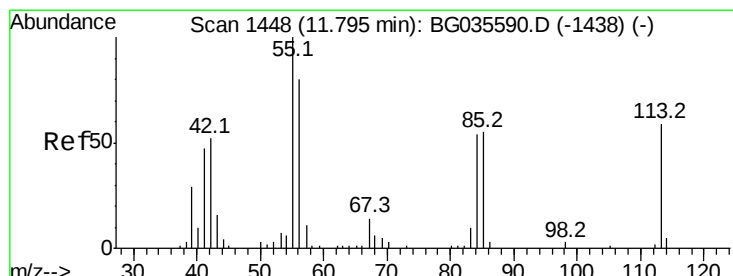
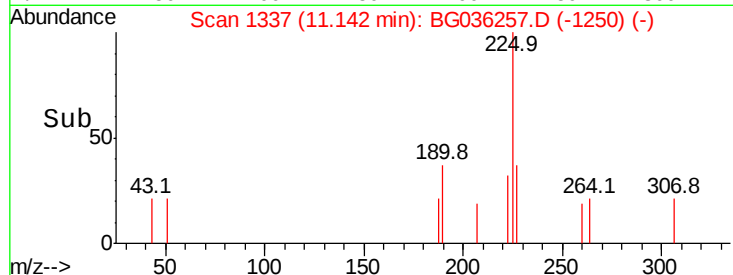
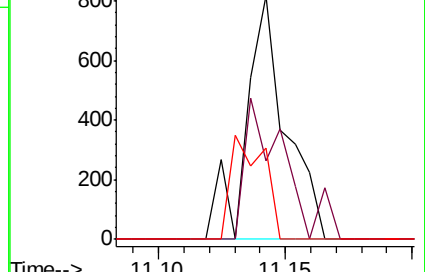
227 37.3 48.1 72.1#



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: 7.419 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.03 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

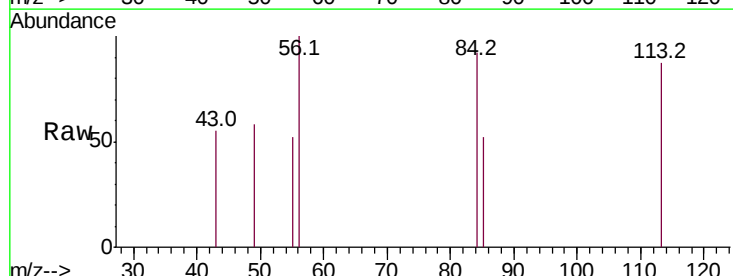
Tgt Ion:113 Resp: 91

Ion Ratio Lower Upper

113 100

55 59.8 186.9 226.9#

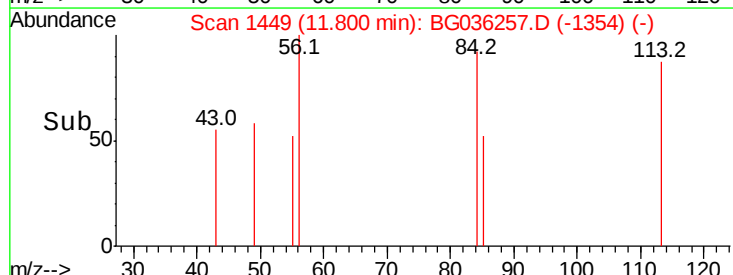
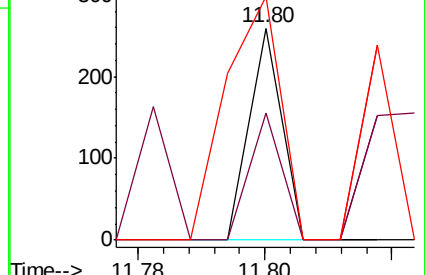
56 115.1 130.9 170.9#

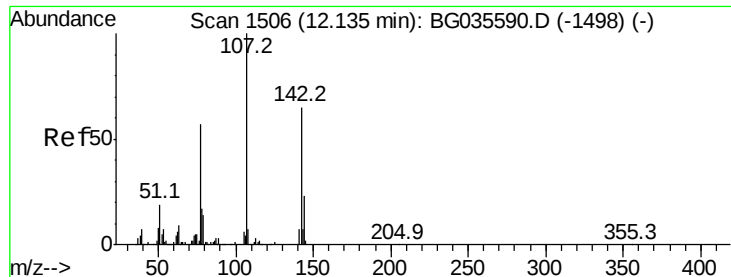


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

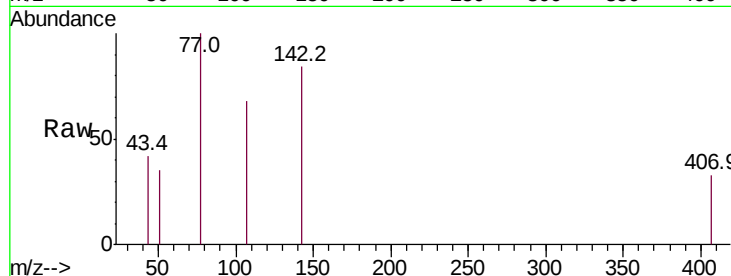




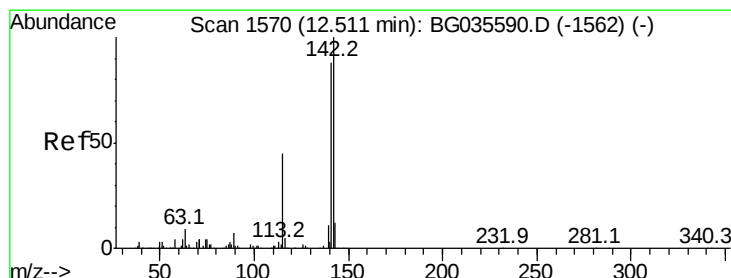
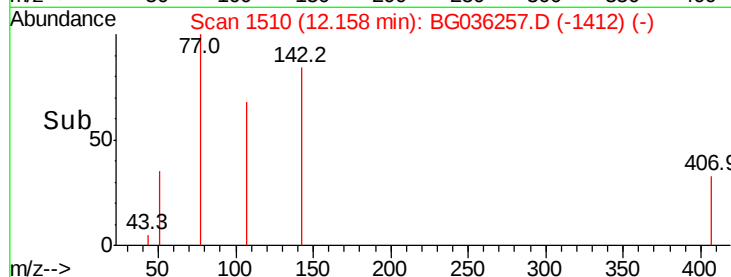
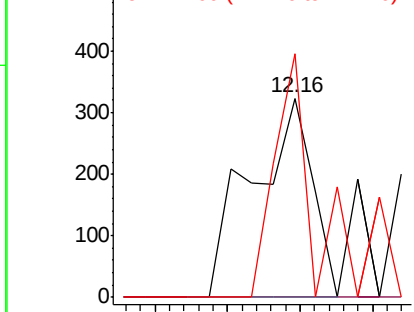
#36
 4-Chloro-3-methylphenol
 Concen: 9.867 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.05 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:107 Resp: 378
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 122.2 59.0 88.4#

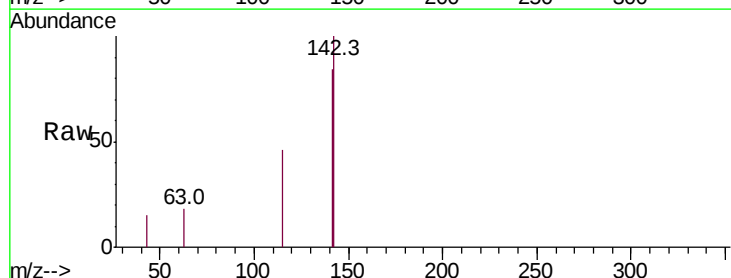


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

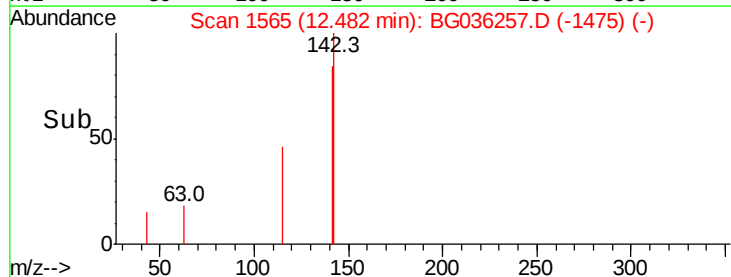
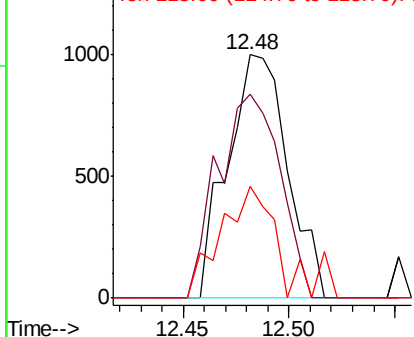


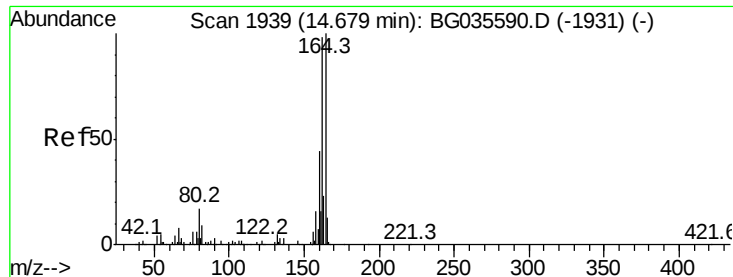
#37
 2-Methylnaphthalene
 Concen: 29.417 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:142 Resp: 1975
 Ion Ratio Lower Upper
 142 100
 141 83.6 67.1 100.7
 115 45.7 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

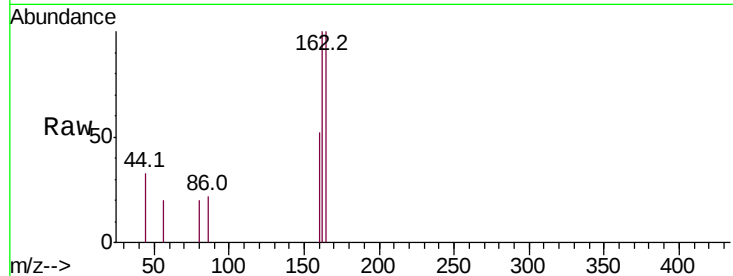
Tot Ion:164 Resp: 1288

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

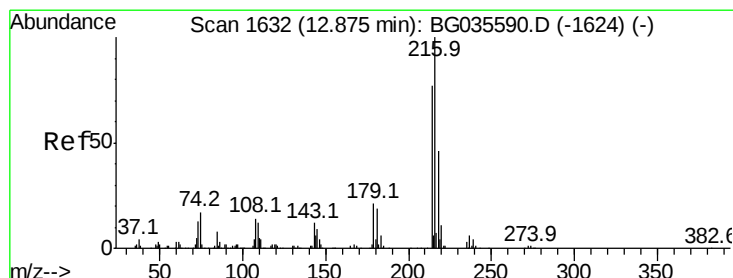
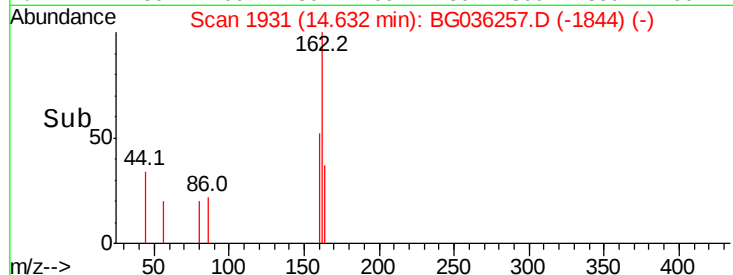
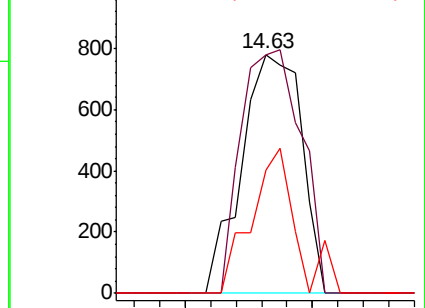
160 51.7 35.4 53.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.645 ng

RT: 12.85 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Tgt Ion:216 Resp: 1587

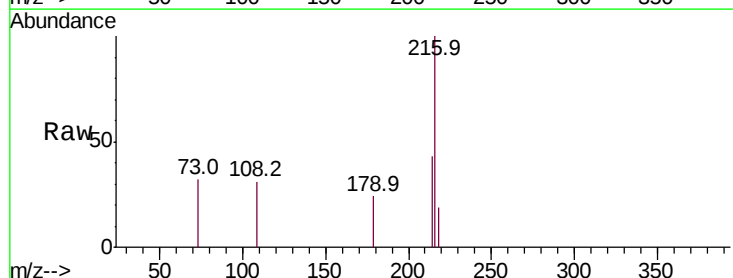
Ion Ratio Lower Upper

216 100

214 52.9 63.0 94.4#

179 21.2 17.0 25.6

108 5.8 12.8 19.2#

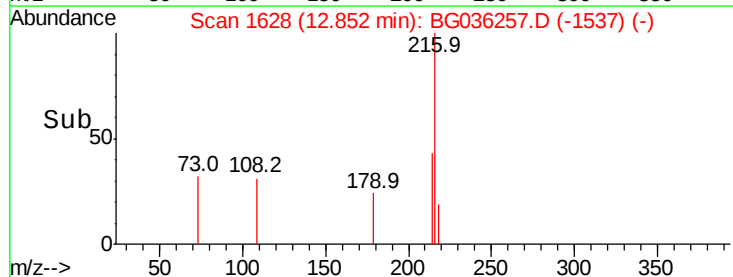
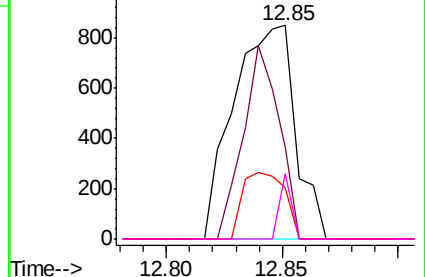


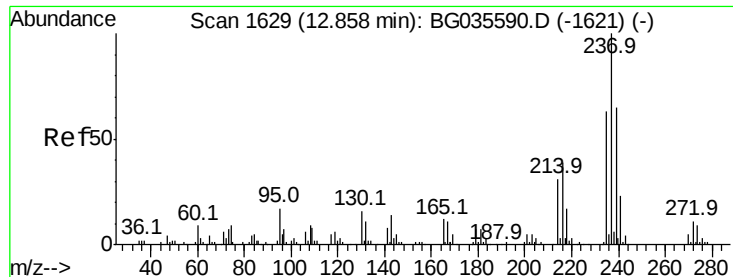
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

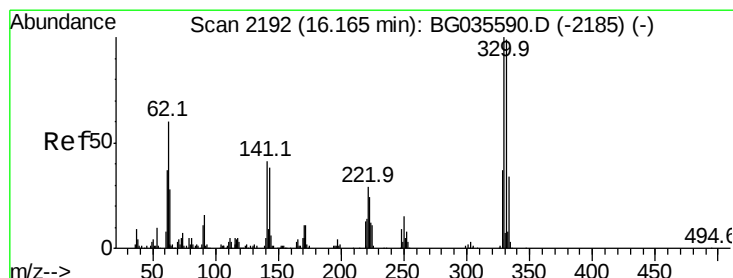
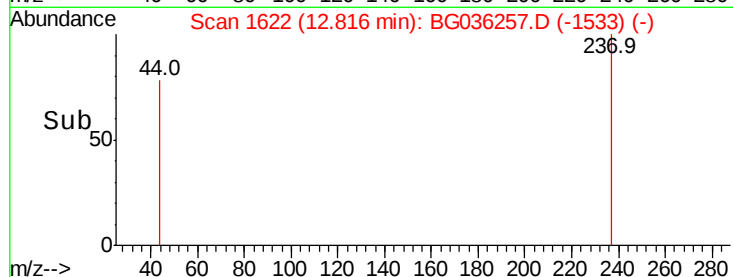
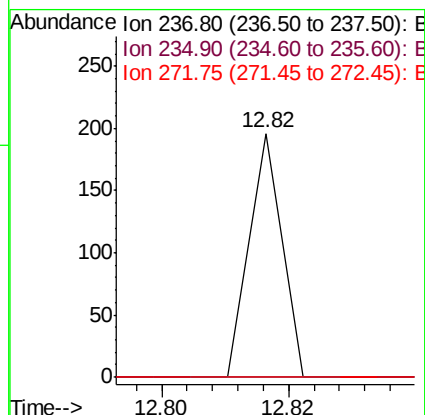
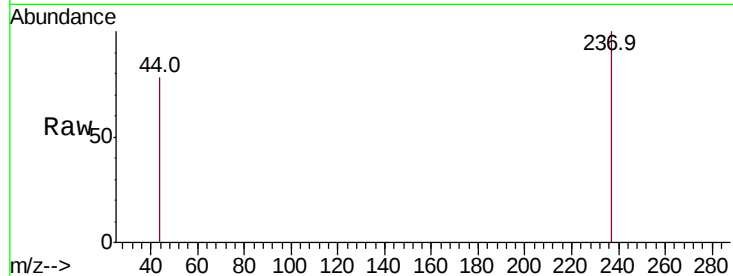




#40
Hexachlorocyclopentadiene
Concen: 2.706 ng
RT: 12.82 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

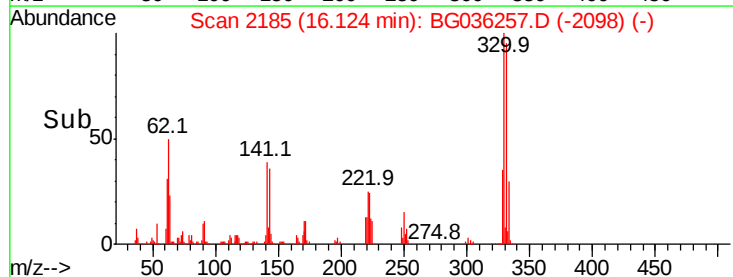
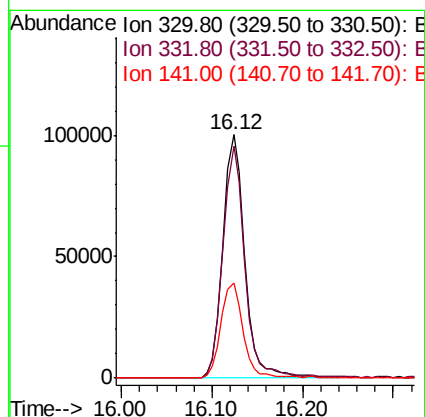
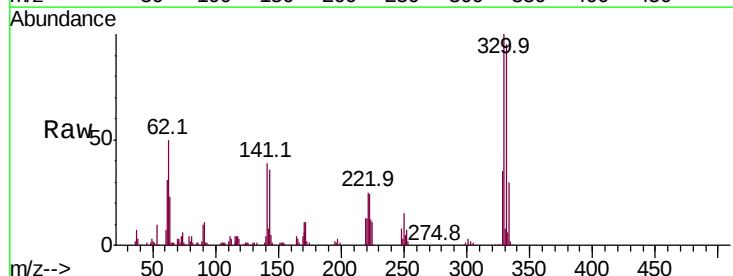
Instrument :
BNA_N
ClientSampleId :

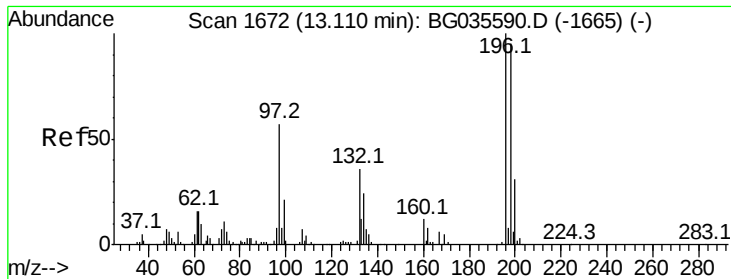
Tot Ion: 237 Resp: 69
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 9937.285 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion: 330 Resp: 168702
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 39.1 25.2 37.8#

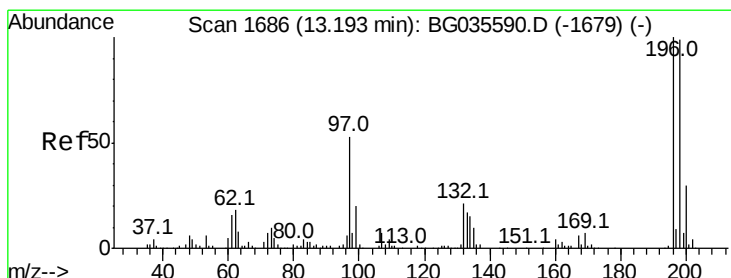
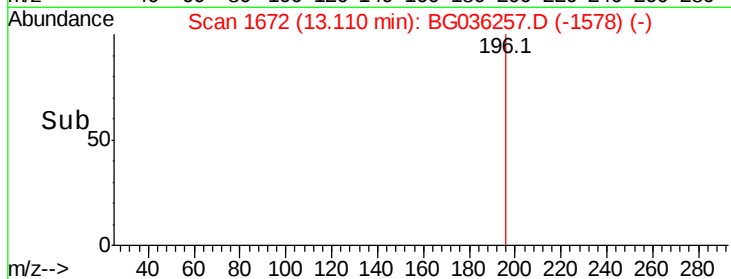
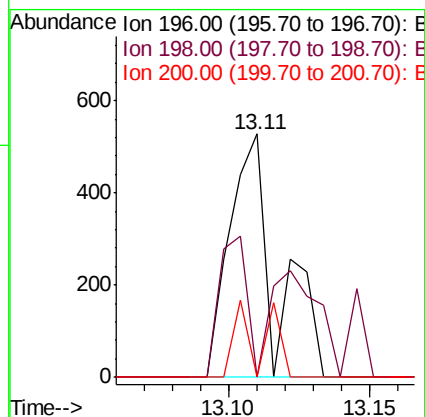
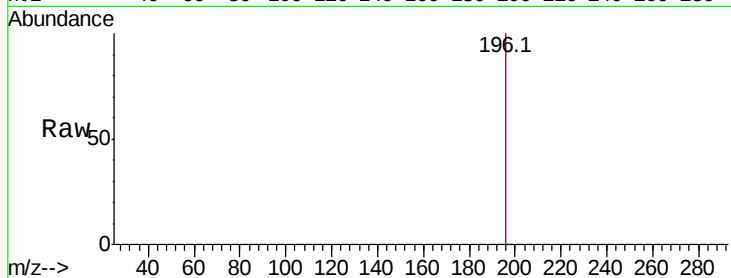




#42
 2,4,6-Trichlorophenol
 Concen: 21.175 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. 0.02 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

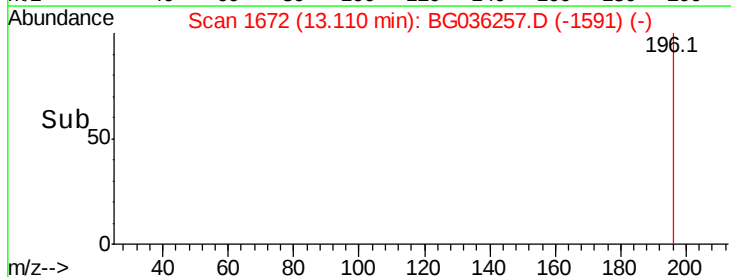
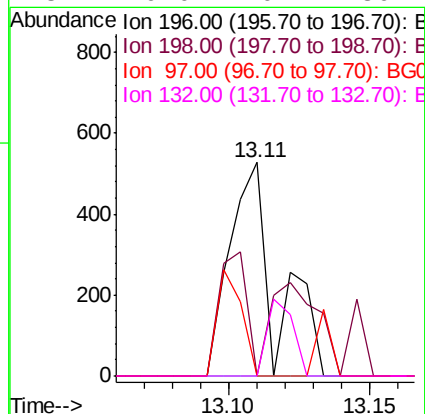
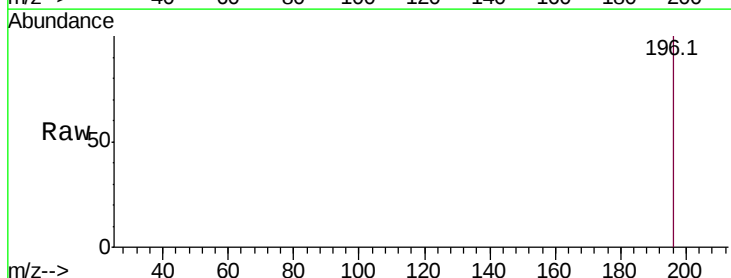
Instrument :
 BNA_N
 ClientSampleId :

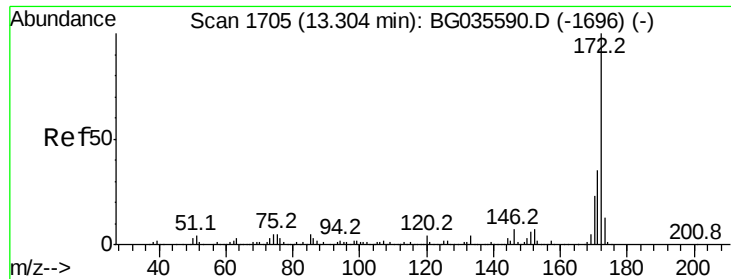
Tot Ion:196 Resp: 602
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 24.6 36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 18.929 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.05 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:196 Resp: 602
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#

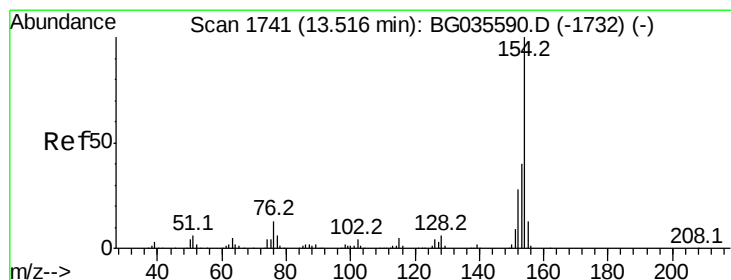
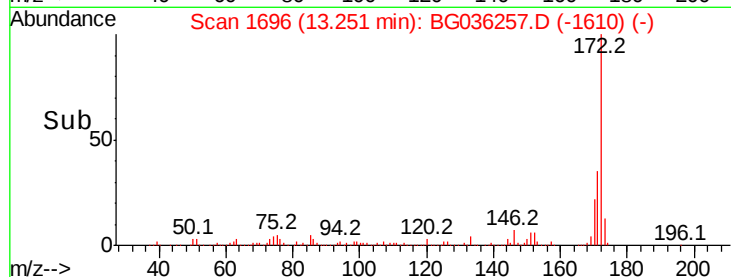
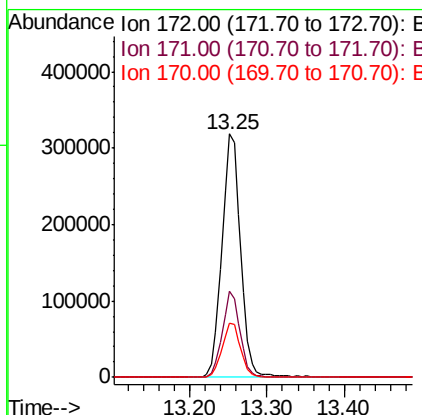
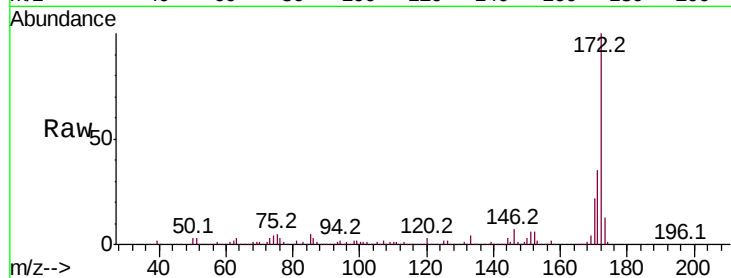




#44
 2-Fluorobiphenyl
 Concen: 5561.881 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

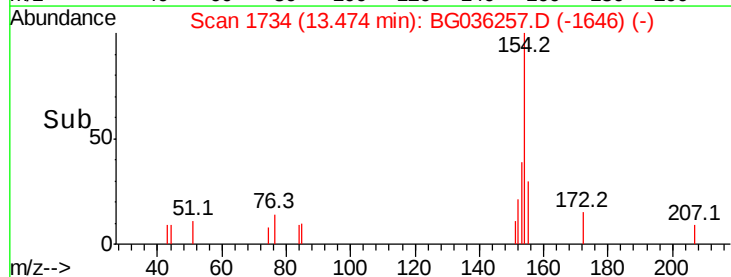
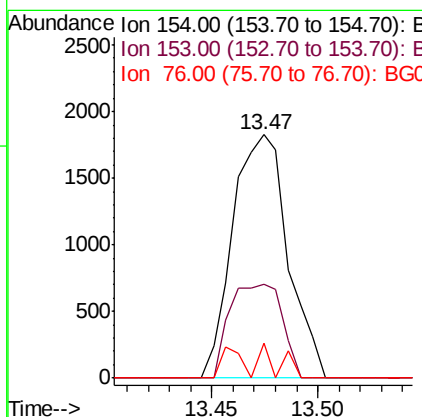
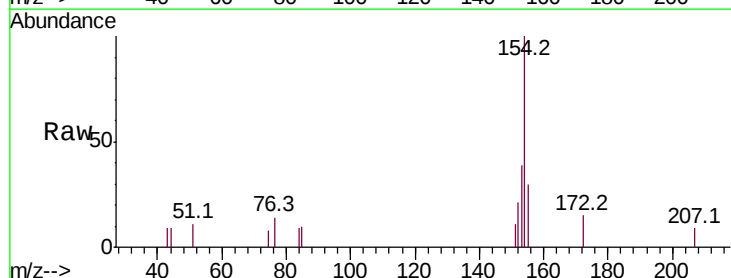
Instrument :
 BNA_N
 ClientSampleId :

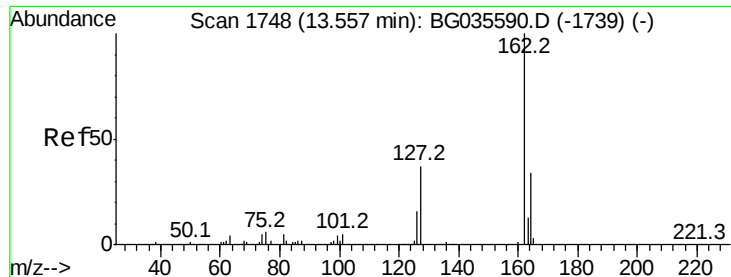
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.2	19.5	29.3



#45
 1,1'-Biphenyl
 Concen: 33.047 ng
 RT: 13.47 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	19.8	59.8
76	14.4	0.0	31.9

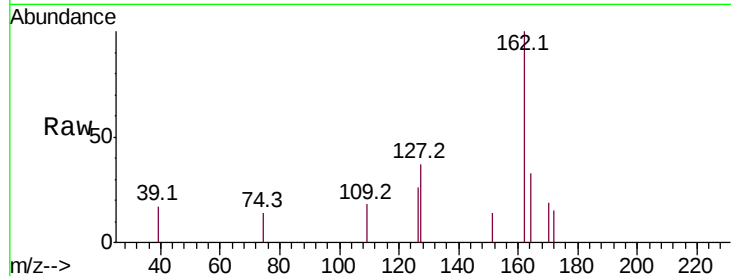




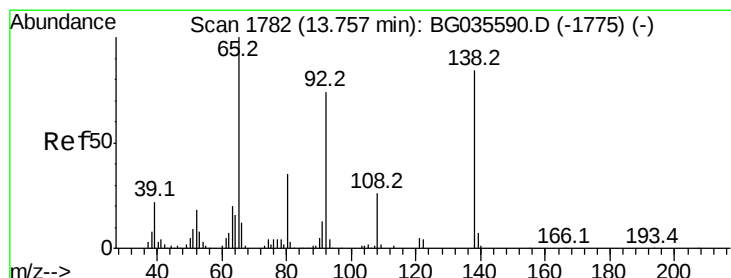
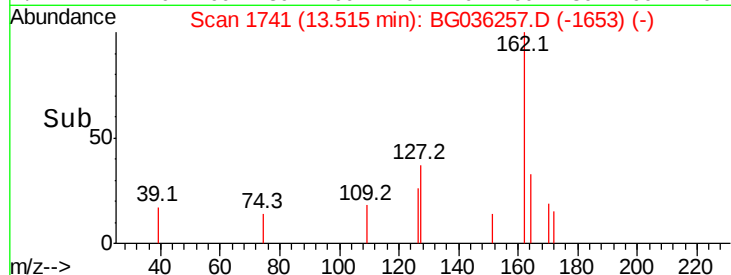
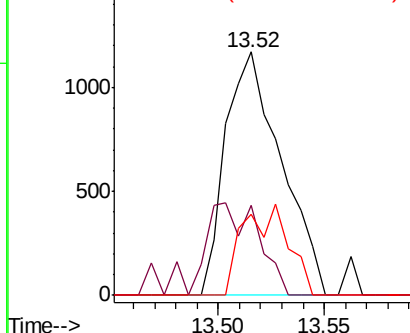
#46
 2-Chloronaphthalene
 Concen: 27.564 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.7	46.1
164	33.1	26.0	39.0

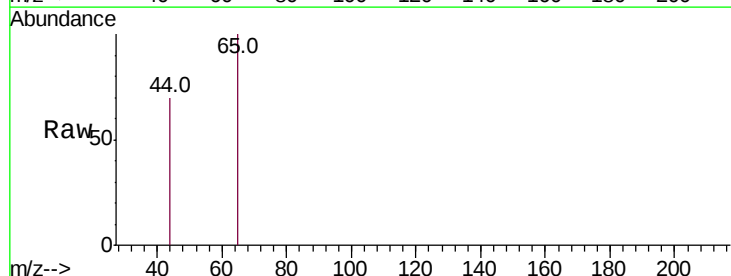


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

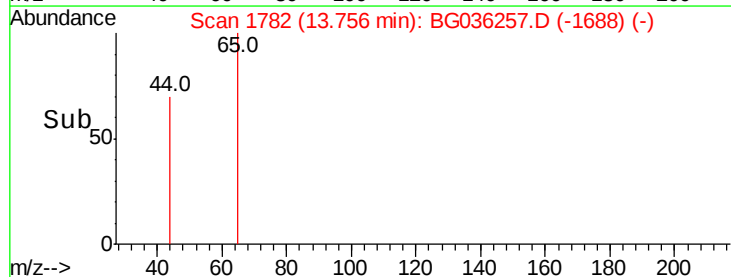
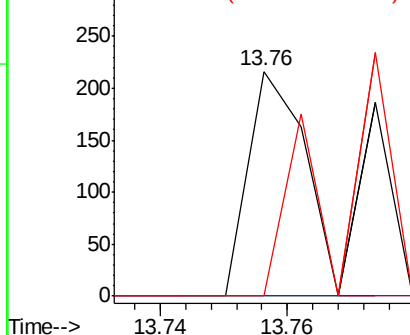


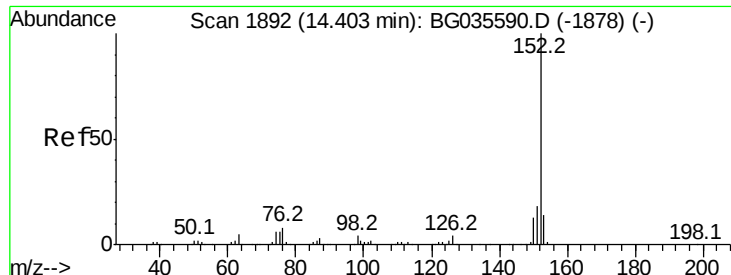
#47
 2-Nitroaniline
 Concen: 4.880 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. 0.02 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#



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





#48

Acenaphthylene

Concen: 23.134 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

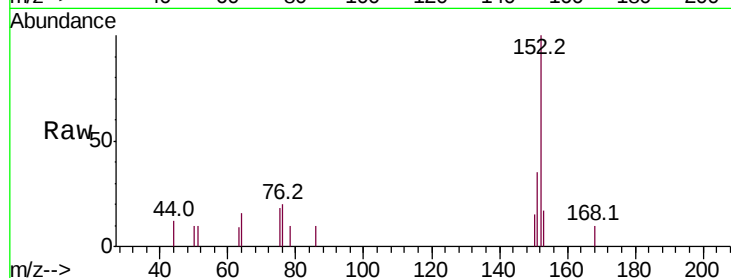
Tot Ion:152 Resp: 3010

Ion Ratio Lower Upper

152 100

151 35.0 17.2 25.8#

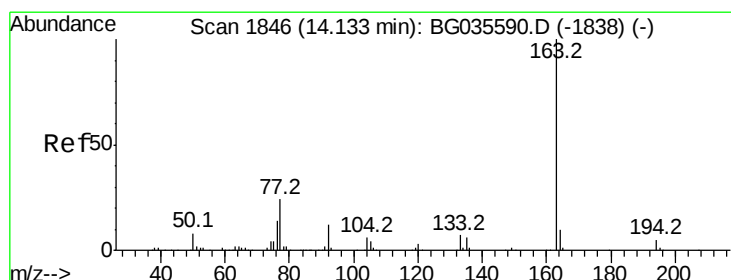
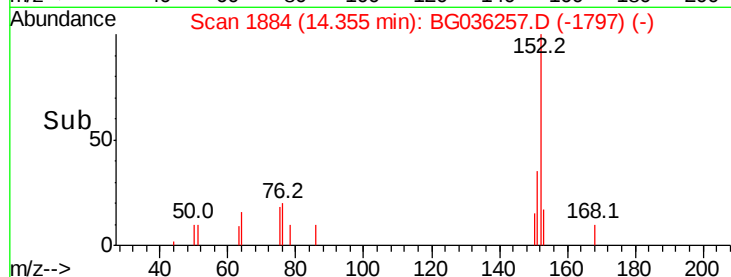
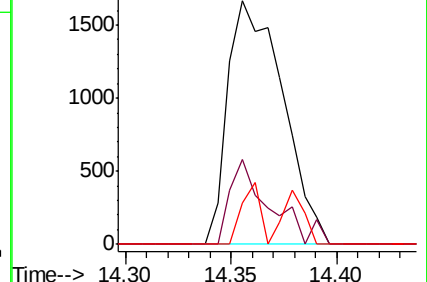
153 16.8 10.2 15.4#



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



#49

Dimethylphthalate

Concen: 859.937 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

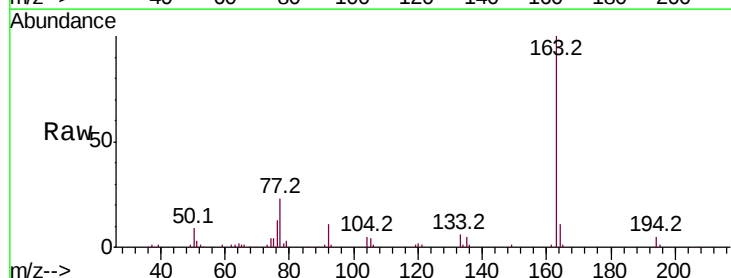
Tgt Ion:163 Resp: 97042

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

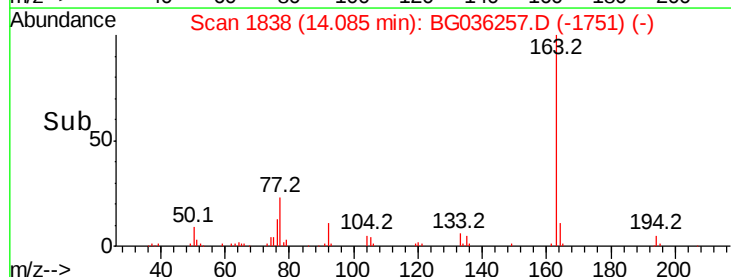
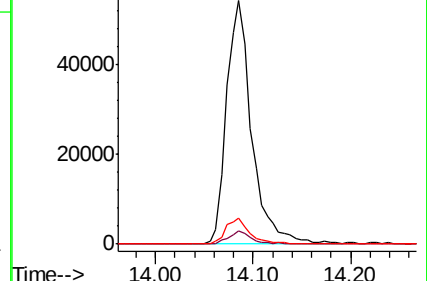
164 10.9 8.2 12.4

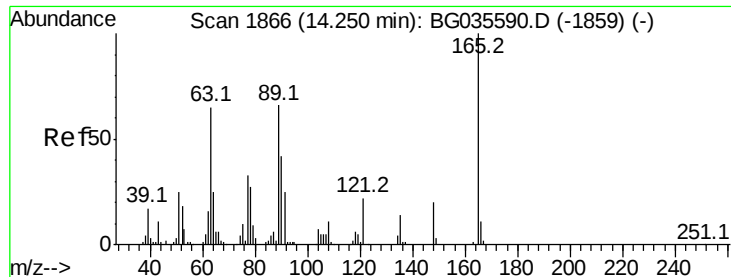


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 15.622 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

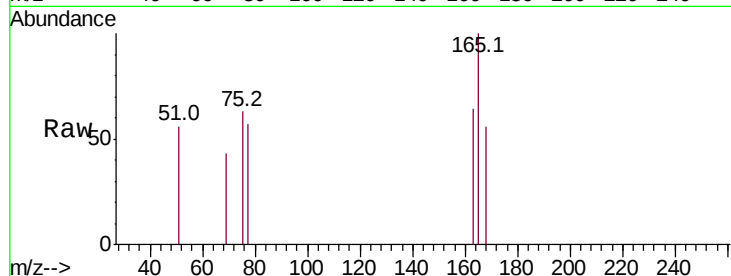
Tot Ion:165 Resp: 359

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

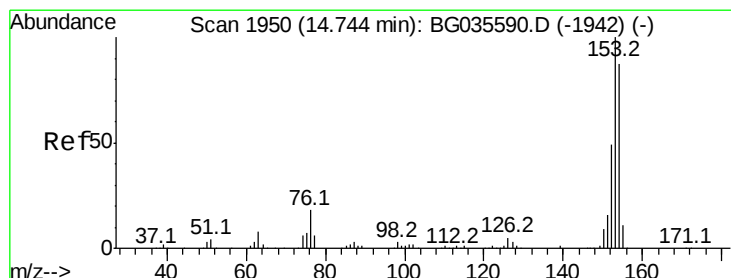
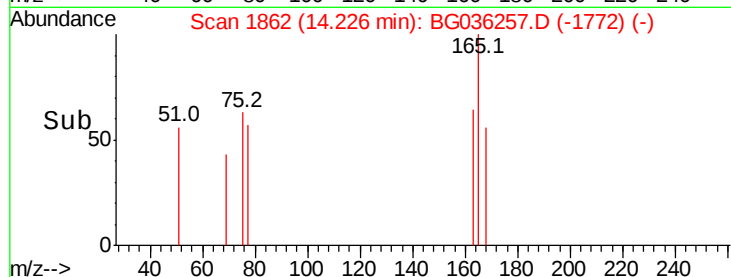
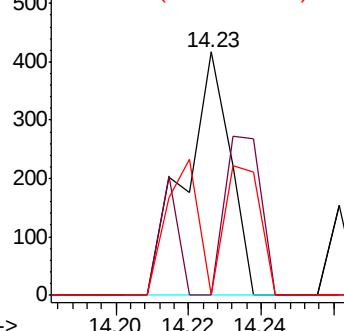
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#51

Acenaphthene

Concen: 29.130 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

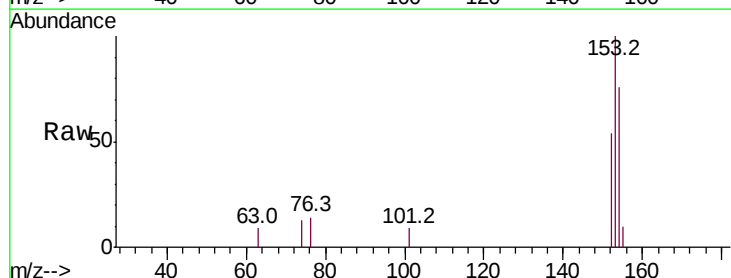
Tgt Ion:154 Resp: 2361

Ion Ratio Lower Upper

154 100

153 131.7 90.4 135.6

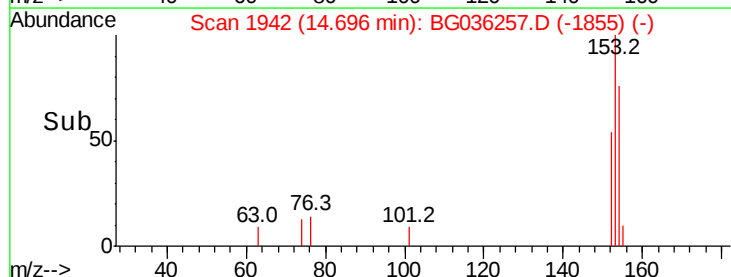
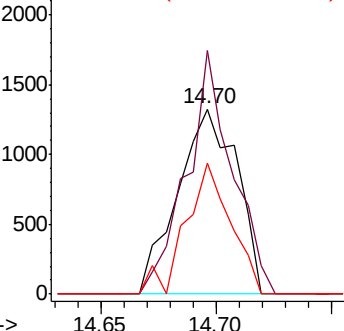
152 70.7 41.6 62.4#

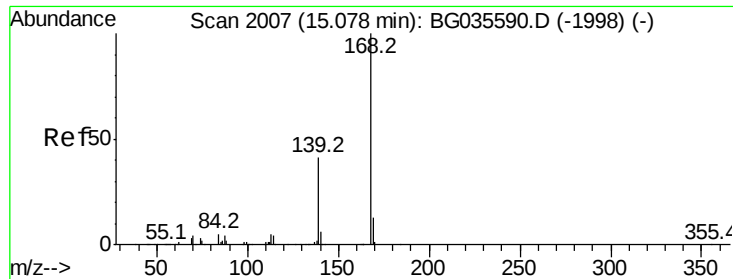


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 24.709 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

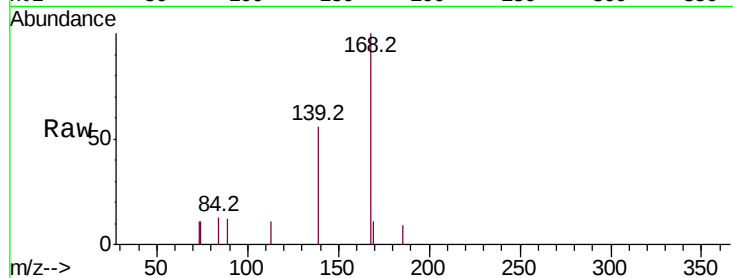
Tot Ion:168 Resp: 3185

Ion Ratio Lower Upper

168 100

139 55.8 28.6 43.0#

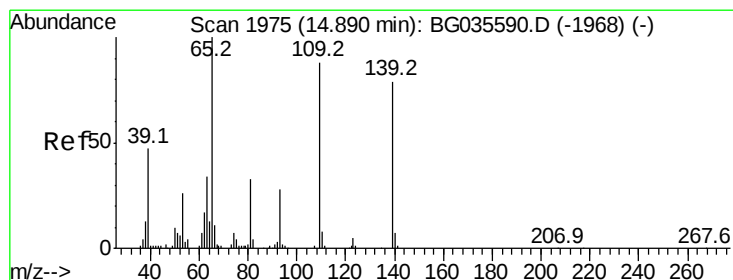
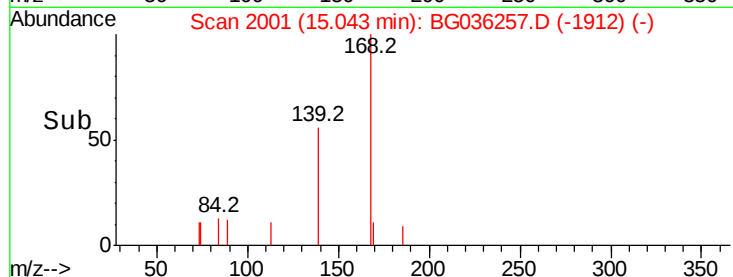
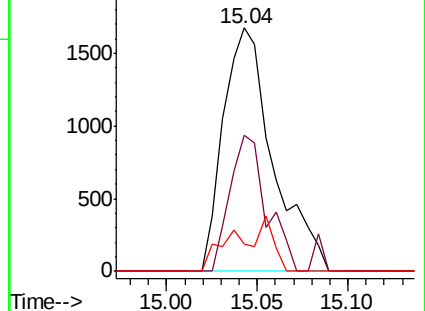
169 11.5 11.2 16.8



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



#55

4-Nitrophenol

Concen: 78.677 ng

RT: 15.04 min Scan# 2001

Delta R.T. 0.17 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

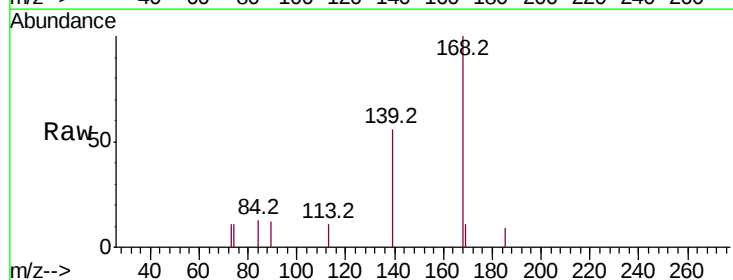
Tgt Ion:139 Resp: 1316

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

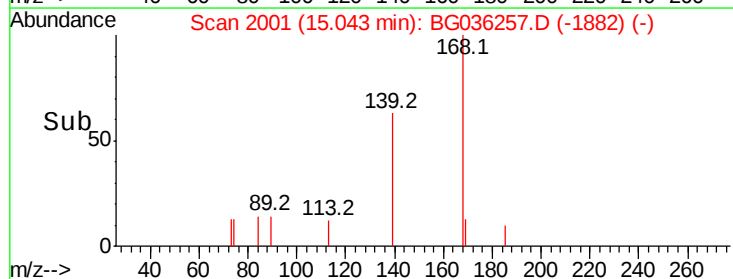
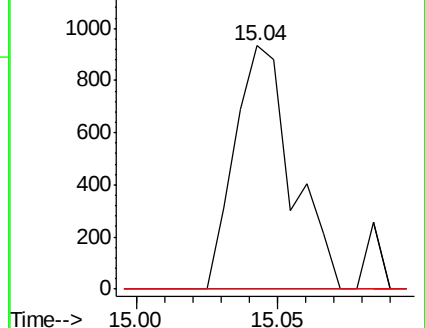
65 0.0 97.2 137.2#

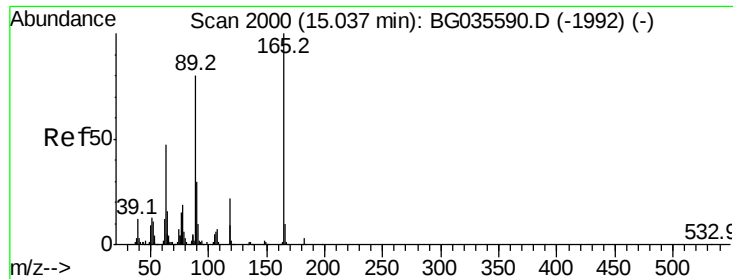


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

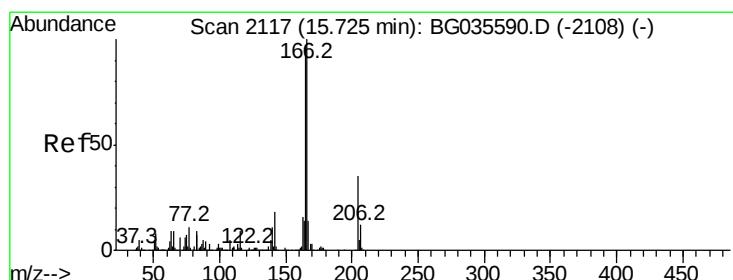
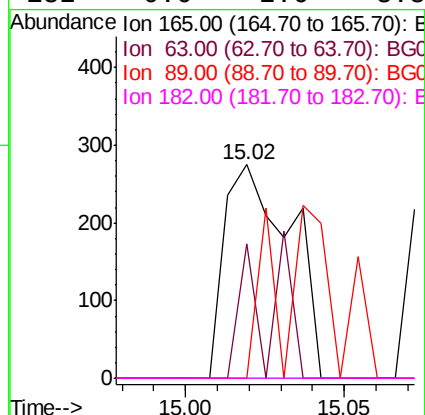
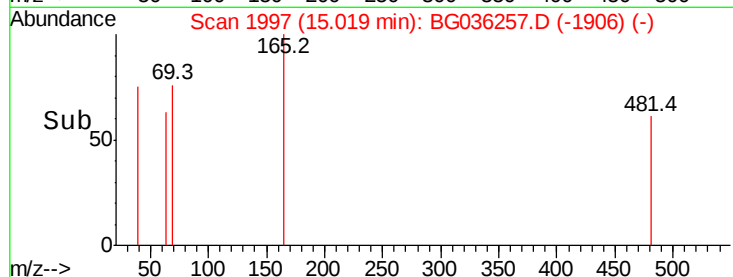
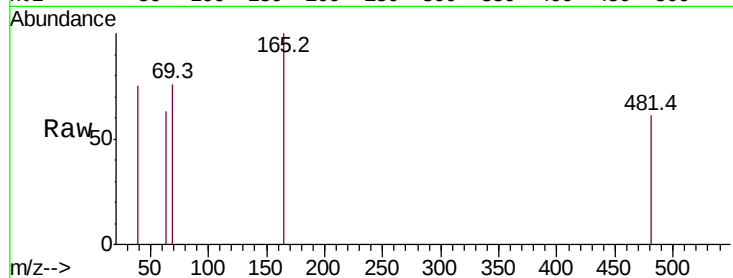




#56
2,4-Dinitrotoluene
Concen: 11.981 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

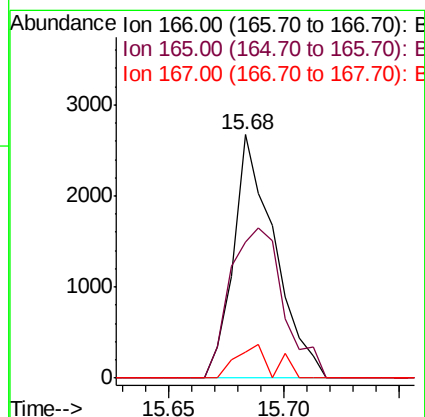
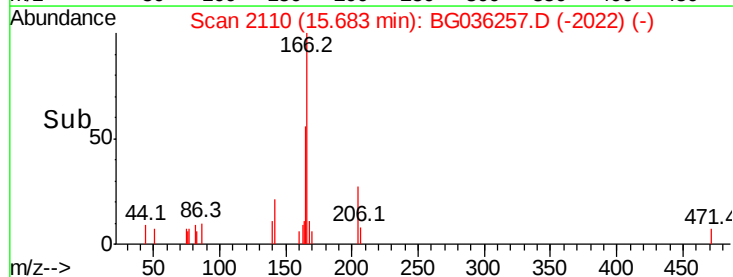
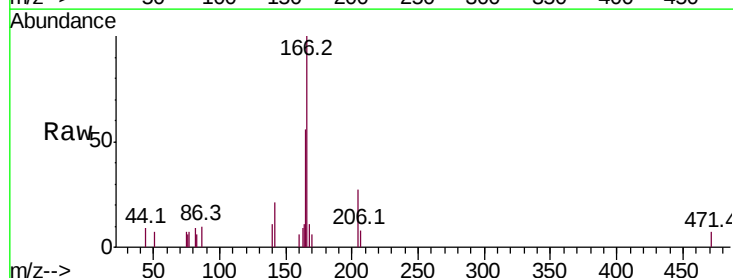
Instrument :
BNA_N
ClientSampled :

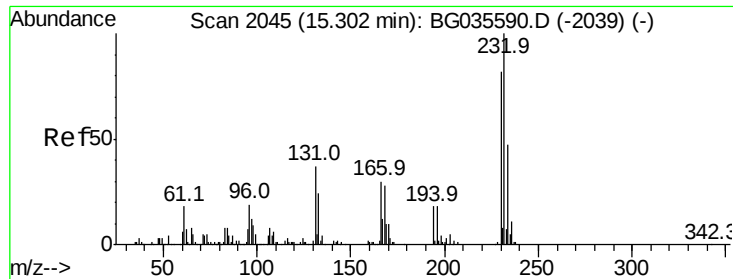
Tot Ion:165 Resp: 395
Ion Ratio Lower Upper
165 100
63 63.3 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 30.720 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion:166 Resp: 3319
Ion Ratio Lower Upper
166 100
165 56.1 80.6 121.0#
167 10.7 10.4 15.6

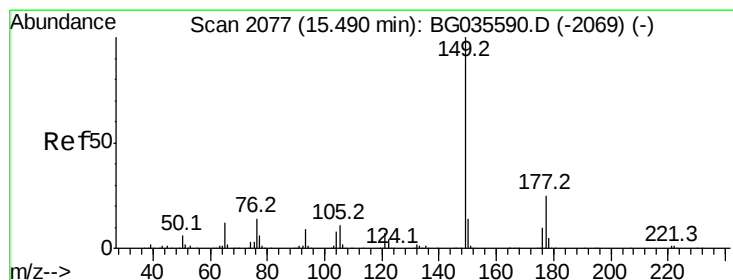
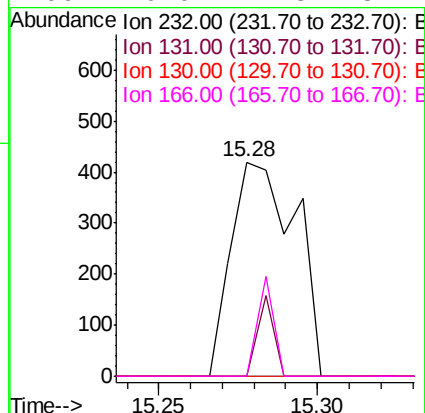
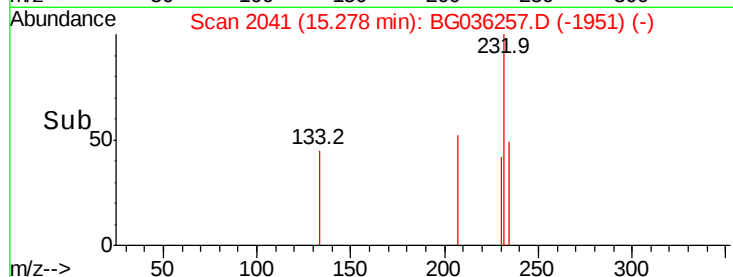
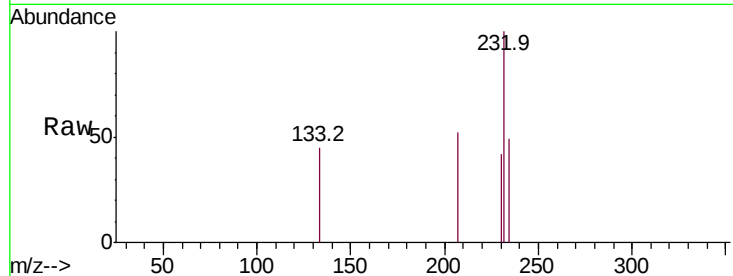




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.316 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

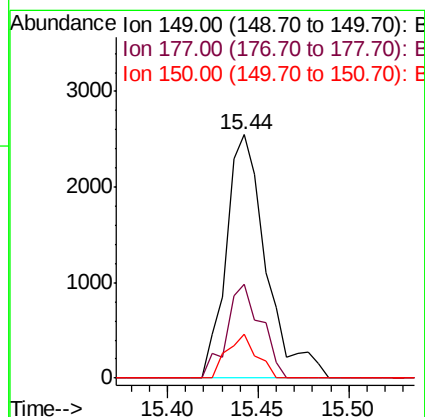
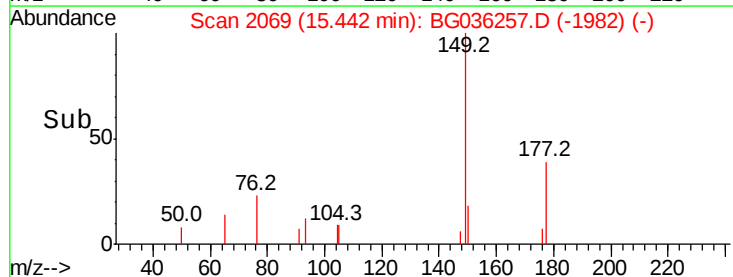
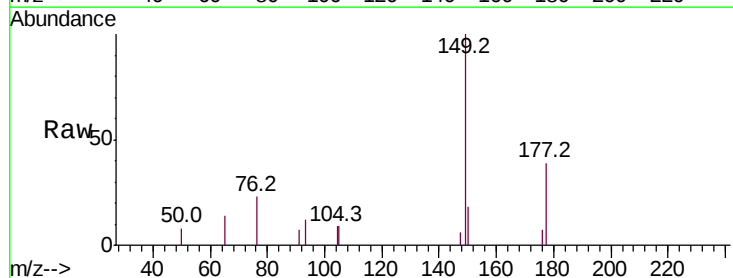
Instrument :
 BNA_N
 ClientSampleId :

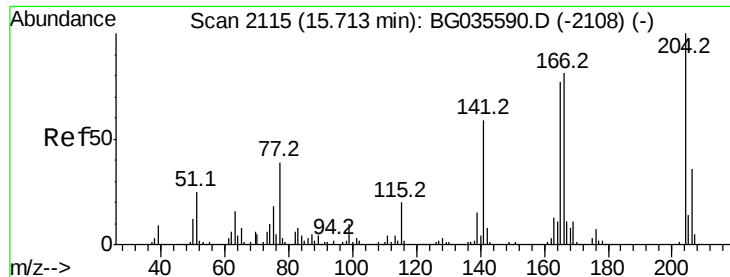
Tot Ion:232 Resp: 589
 Ion Ratio Lower Upper
 232 100
 131 9.3 33.5 50.3#
 130 0.0 2.2 3.2#
 166 0.0 24.8 37.2#



#59
 Diethylphthalate
 Concen: 33.489 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:149 Resp: 3886
 Ion Ratio Lower Upper
 149 100
 177 38.7 18.5 27.7#
 150 17.8 10.2 15.2#

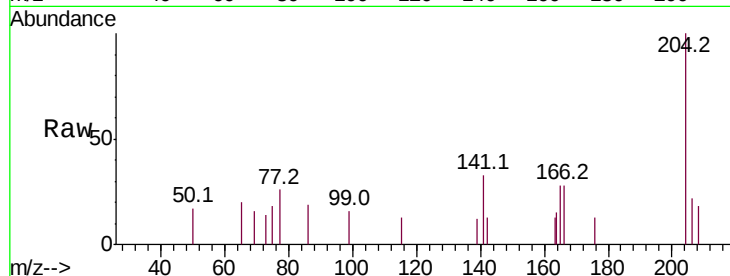




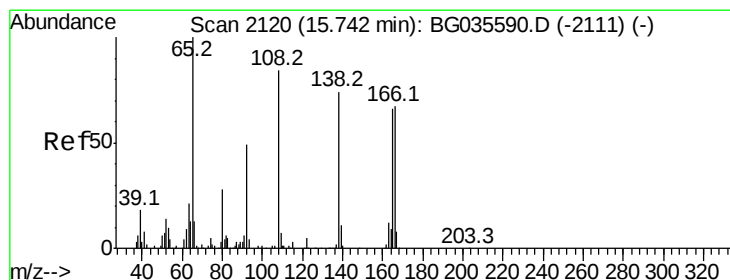
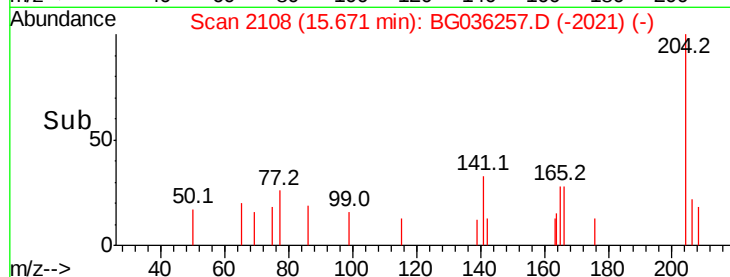
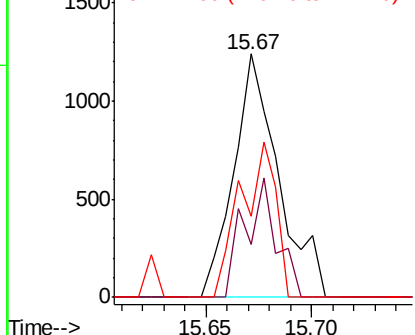
#60
4-Chlorophenyl-phenylether
Concen: 28.677 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:204 Resp: 1821
Ion Ratio Lower Upper
204 100
206 21.9 26.2 39.2#
141 33.3 45.8 68.6#

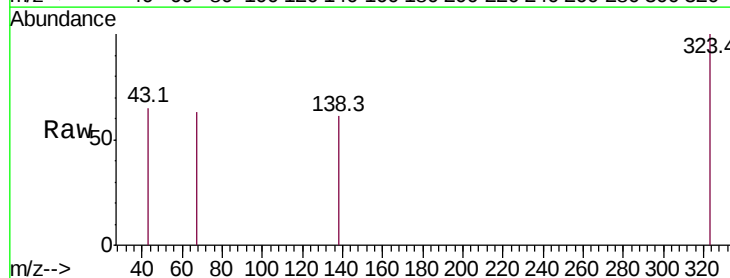


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

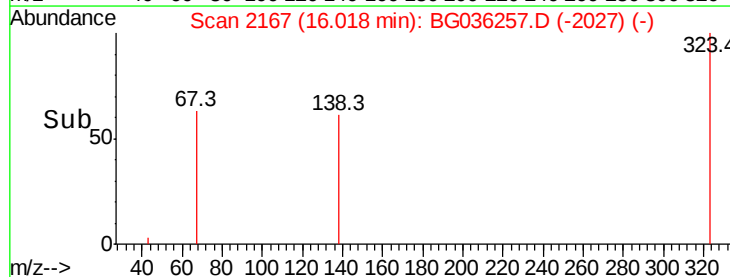
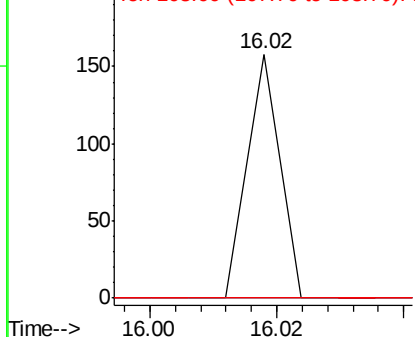


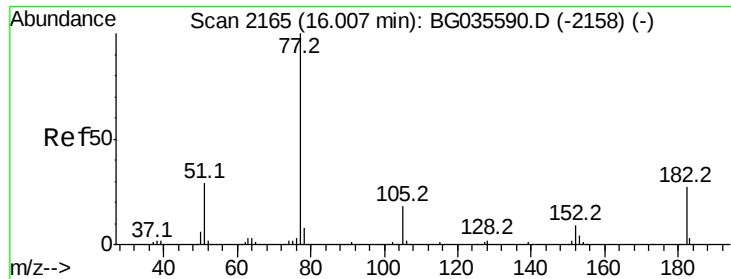
#61
4-Nitroaniline
Concen: 2.279 ng
RT: 16.02 min Scan# 2167
Delta R.T. 0.29 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



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





#62

Azobenzene

Concen: 21.702 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

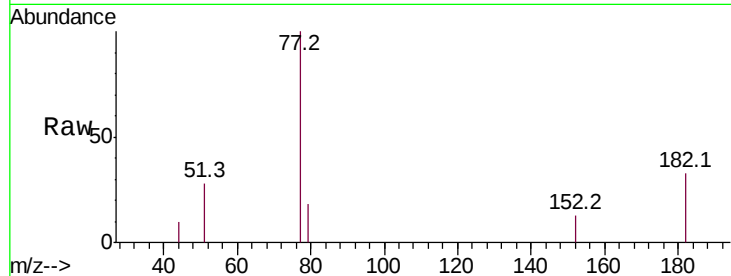
BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 2484

Ion Ratio Lower Upper

77	100		
182	33.1	7.4	47.4
105	0.0	0.3	40.3#
51	28.0	11.6	51.6

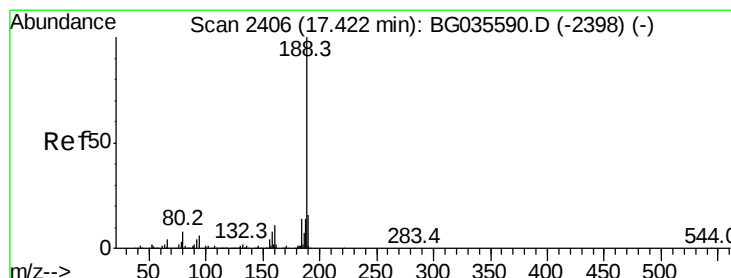
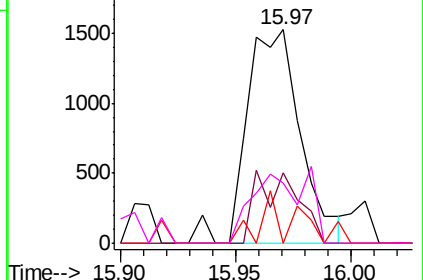
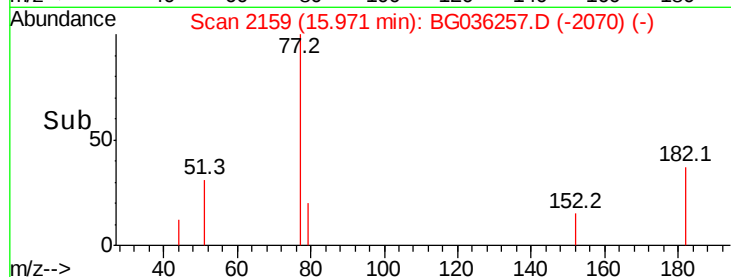


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

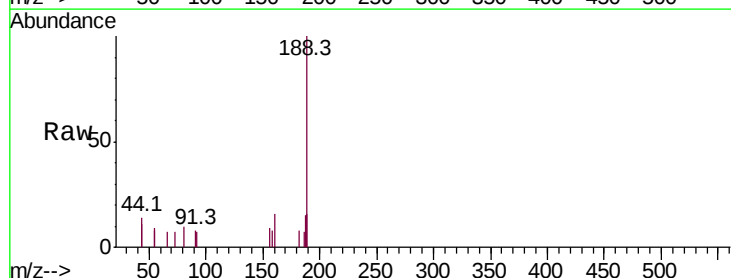
Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Tgt Ion: 188 Resp: 3792

Ion Ratio Lower Upper

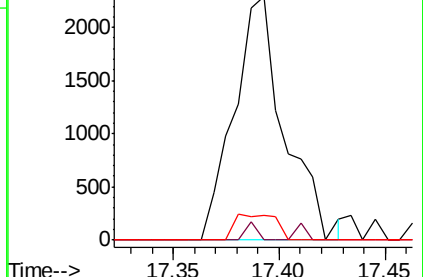
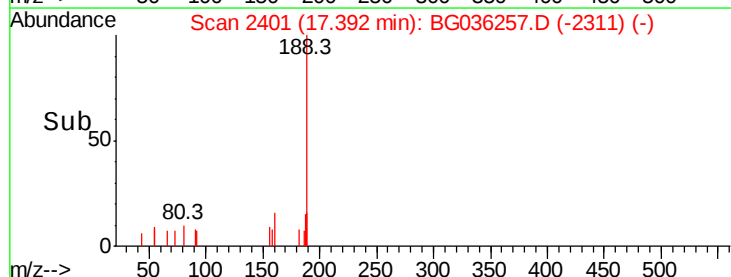
188	100		
94	0.0	6.9	10.3#
80	10.1	7.7	11.5

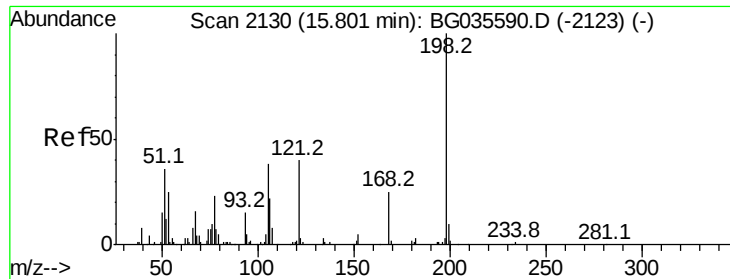


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

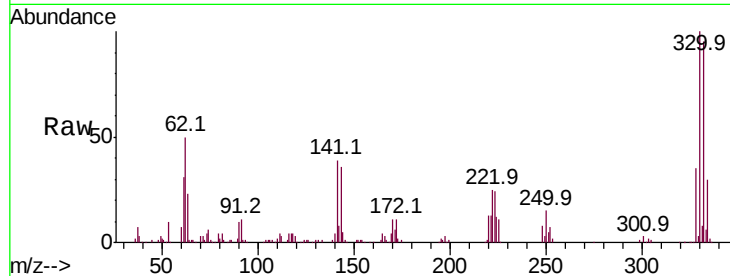




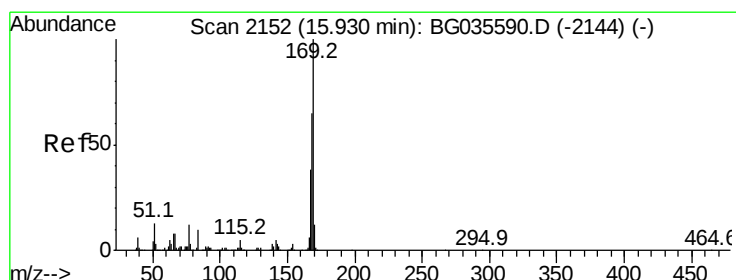
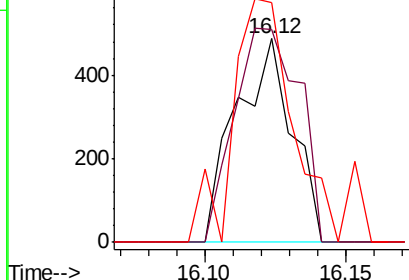
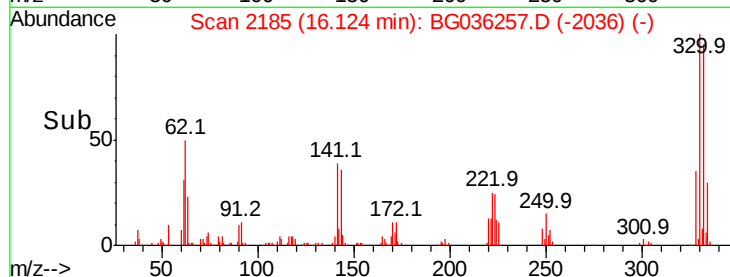
#64
4,6-Dinitro-2-methylphenol
Concen: 31.740 ng
RT: 16.12 min Scan# 2185
Delta R.T. 0.35 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:198 Resp: 670
Ion Ratio Lower Upper
198 100
51 104.7 30.6 70.6#
105 117.5 23.8 63.8#

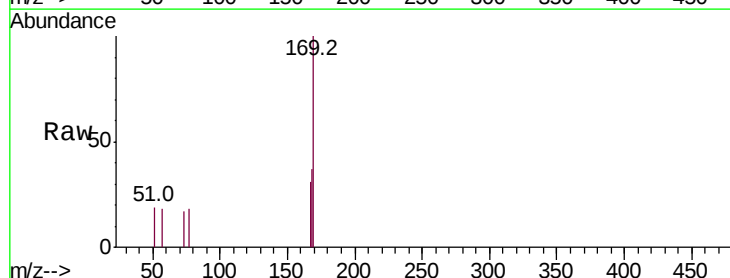


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

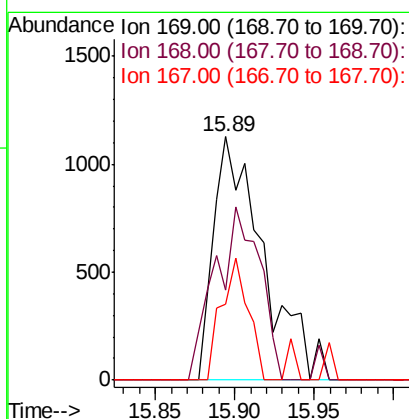
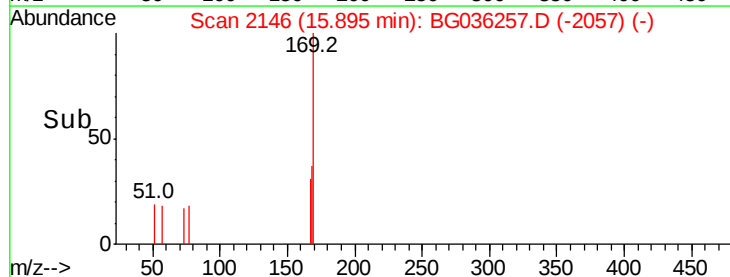


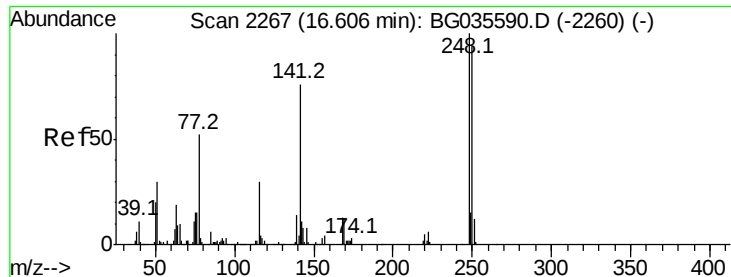
#65
n-Nitrosodiphenylamine
Concen: 22.745 ng
RT: 15.89 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion:169 Resp: 2455
Ion Ratio Lower Upper
169 100
168 37.1 55.7 83.5#
167 30.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

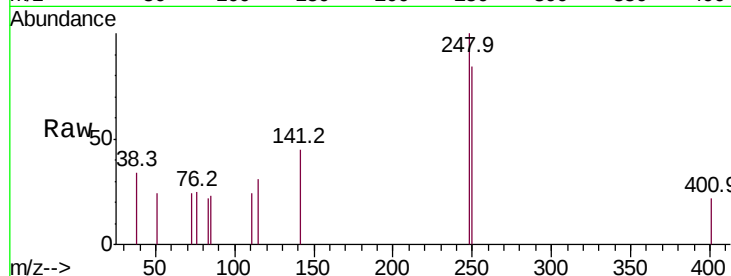




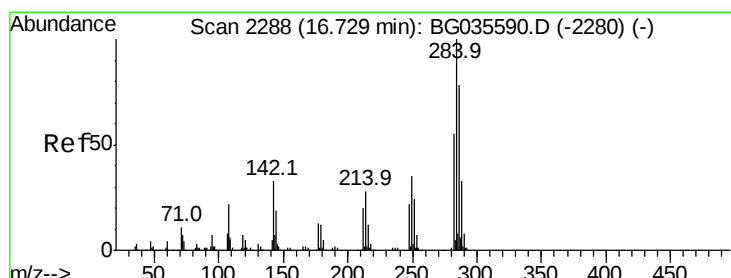
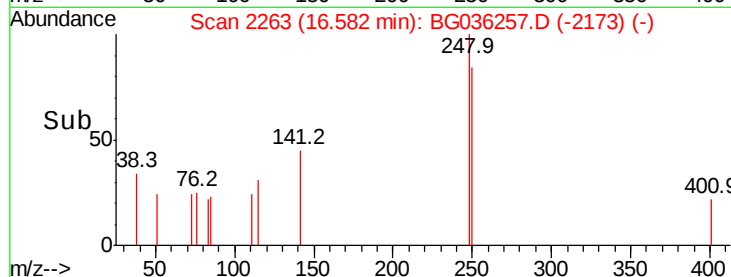
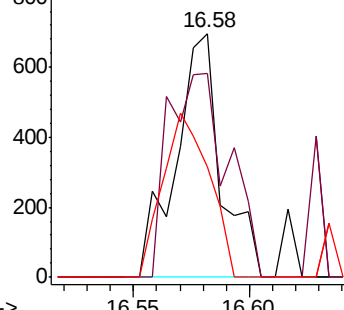
#66
4-Bromophenyl-phenylether
Concen: 21.753 ng
RT: 16.58 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 957
Ion Ratio Lower Upper
248 100
250 83.6 77.1 115.7
141 45.1 50.8 76.2#

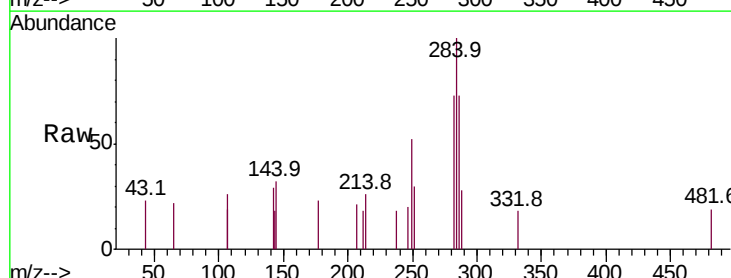


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

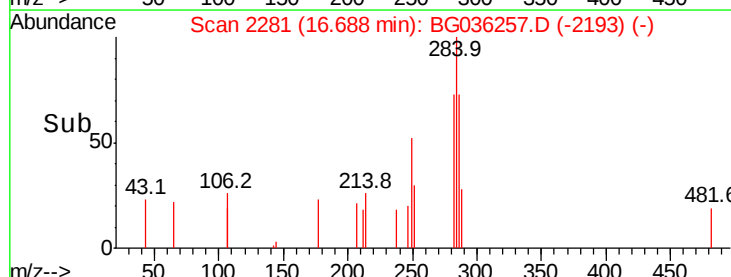
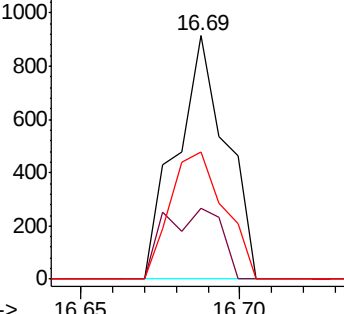


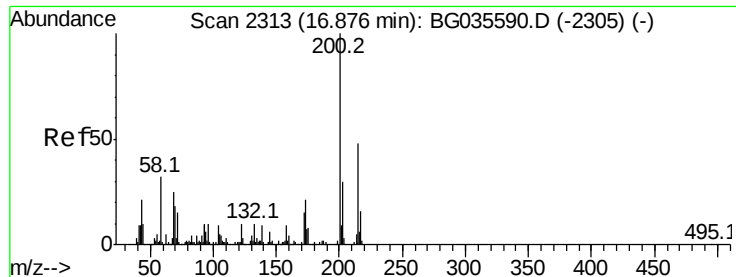
#67
Hexachlorobenzene
Concen: 21.962 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion:284 Resp: 995
Ion Ratio Lower Upper
284 100
142 29.2 26.8 40.2
249 52.2 26.3 39.5#



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

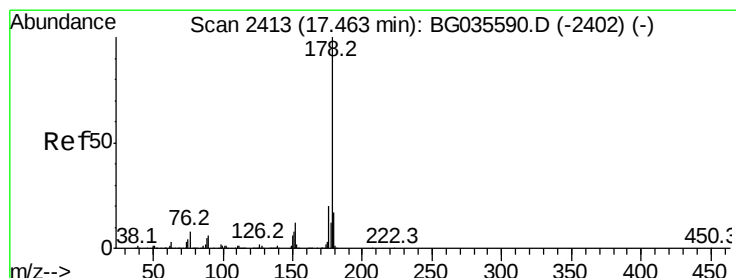
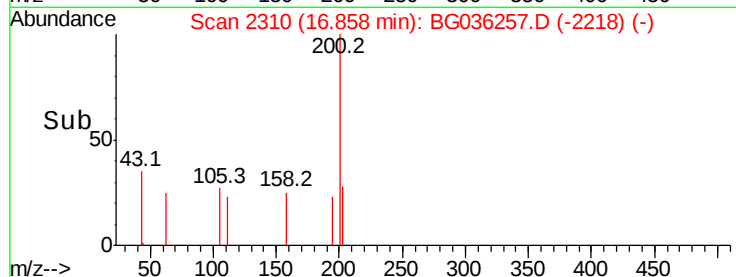
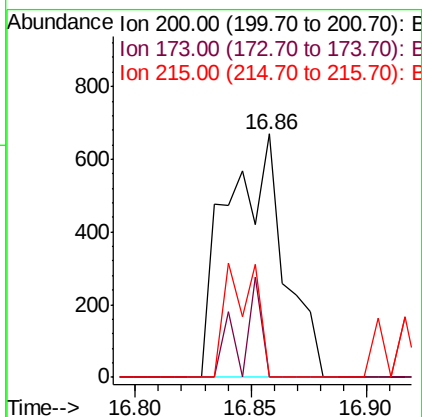
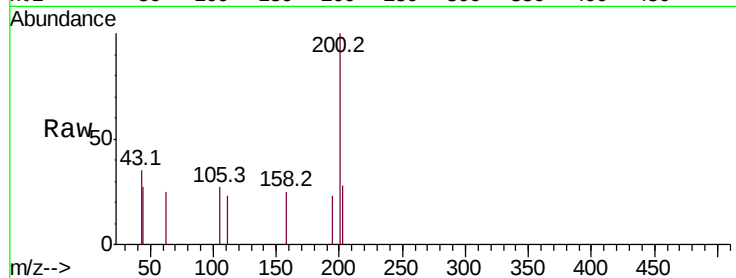




#68
Atrazine
Concen: 25.990 ng
RT: 16.86 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

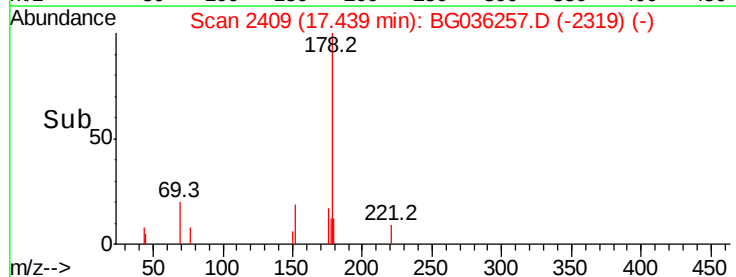
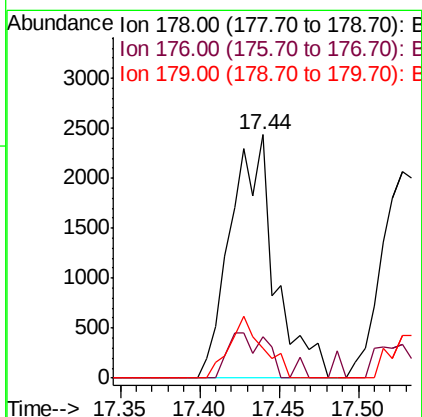
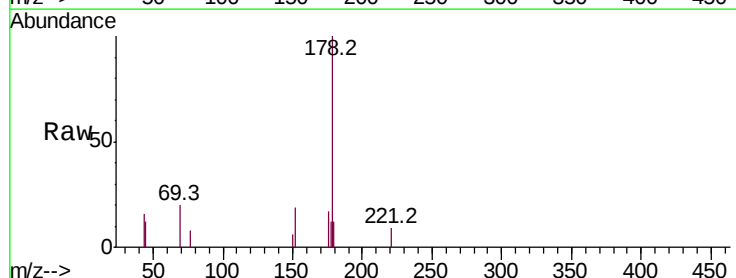
Instrument :
BNA_N
ClientSampleId :

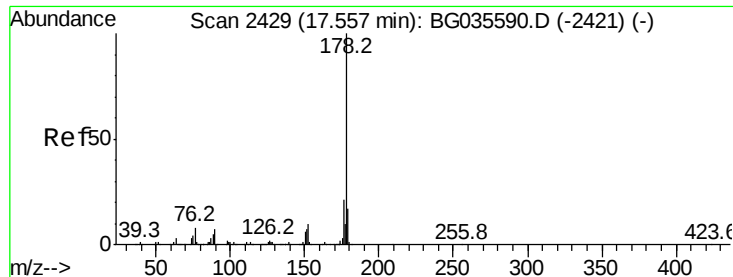
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#



#70
Phenanthrene
Concen: 24.850 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.7	23.5
179	12.4	12.5	18.7#





#71

Anthracene

Concen: 24.532 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampled :

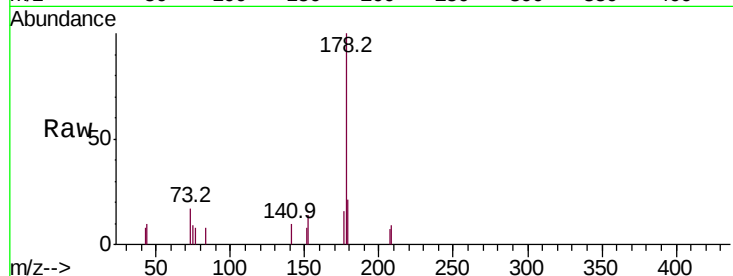
Tot Ion:178 Resp: 4622

Ion Ratio Lower Upper

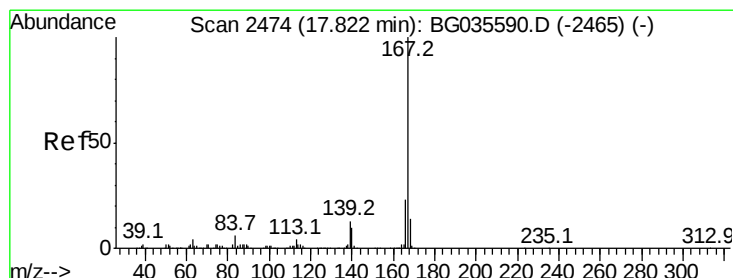
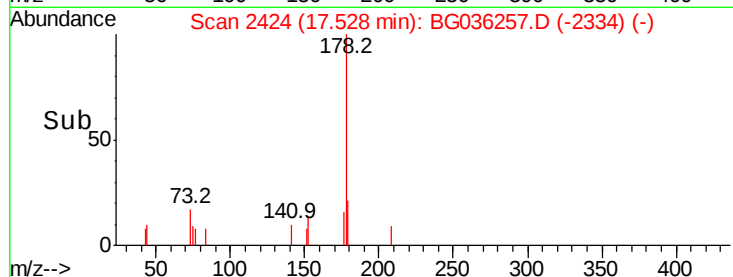
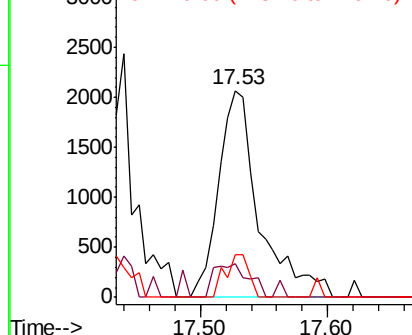
178 100

176 16.4 16.0 24.0

179 20.6 12.5 18.7#



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



#72

Carbazole

Concen: 6.232 ng

RT: 17.81 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

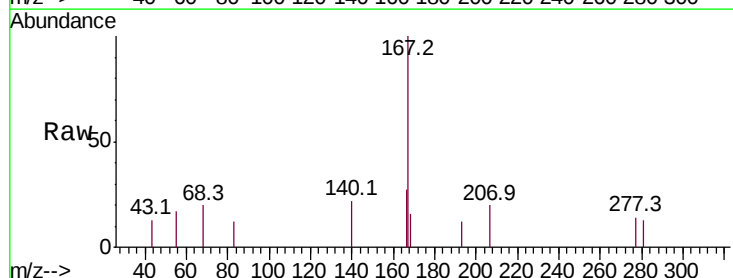
Tgt Ion:167 Resp: 1115

Ion Ratio Lower Upper

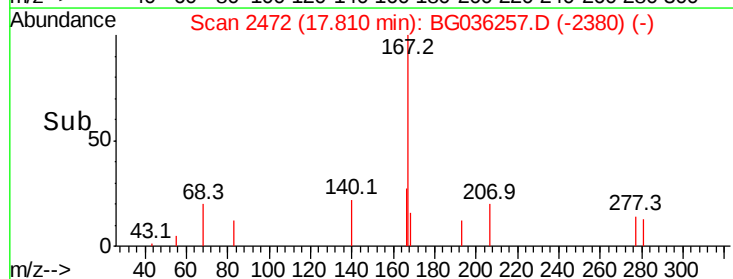
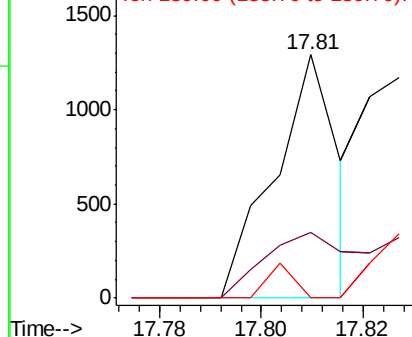
167 100

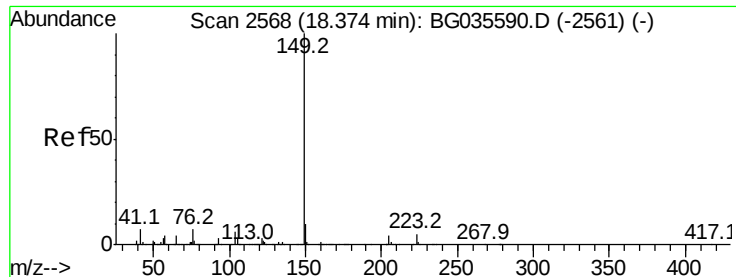
166 27.2 18.2 27.4

139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

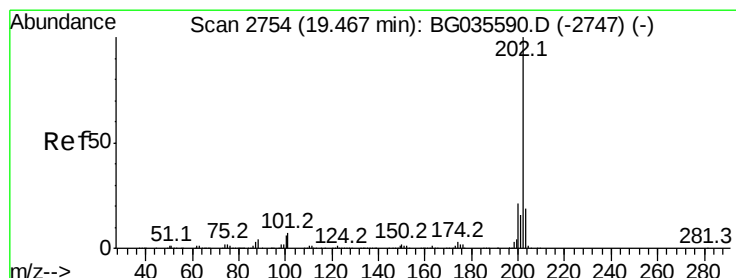
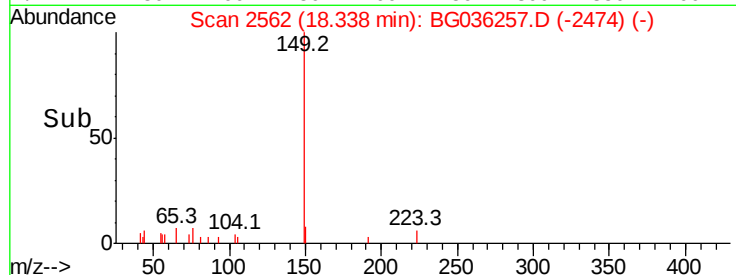
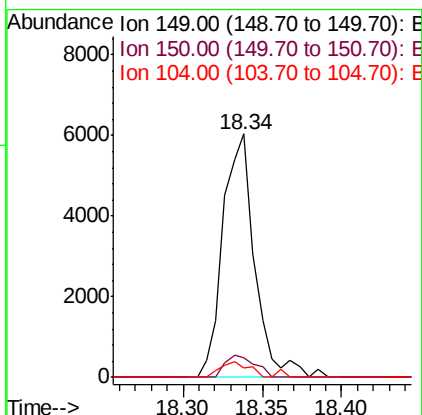
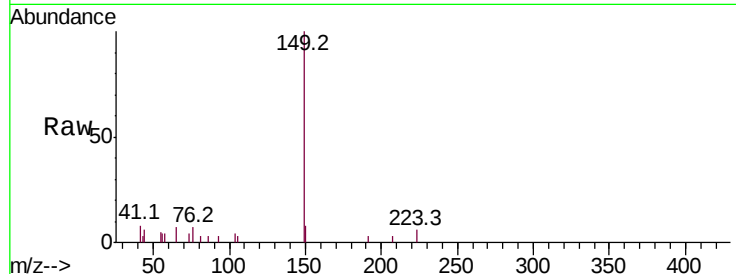




#73
Di-n-butylphthalate
Concen: 39.732 ng
RT: 18.34 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

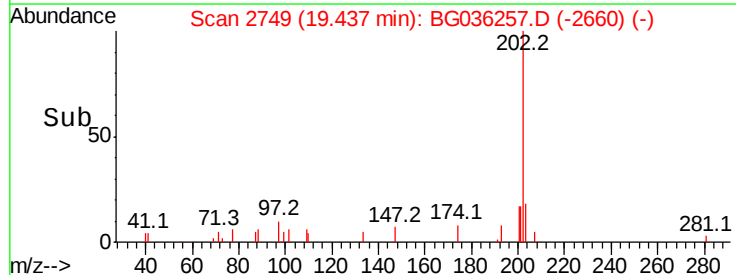
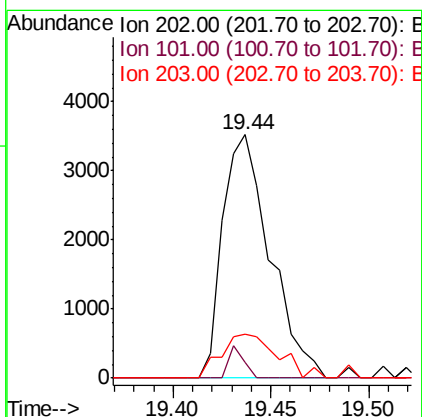
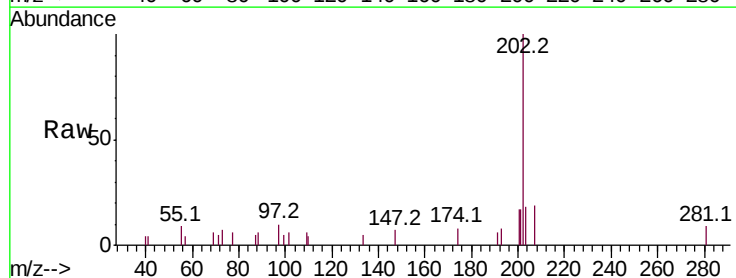
Instrument :
BNA_N
ClientSampleId :

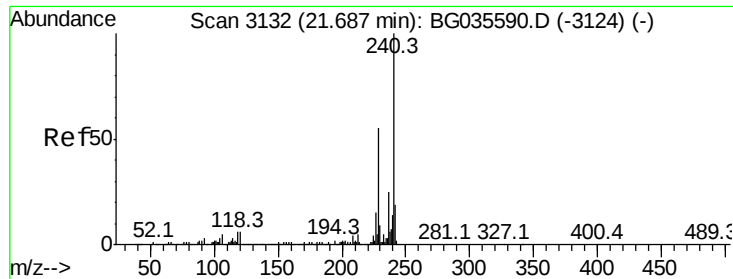
Tot Ion	Ratio	Lower	Upper
149	100		
150	7.9	7.8	11.6
104	3.7	3.9	5.9



#74
Fluoranthene
Concen: 23.196 ng
RT: 19.44 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.9
203	18.2	0.0	37.5

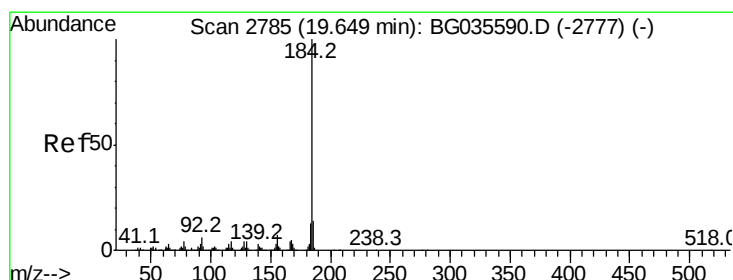
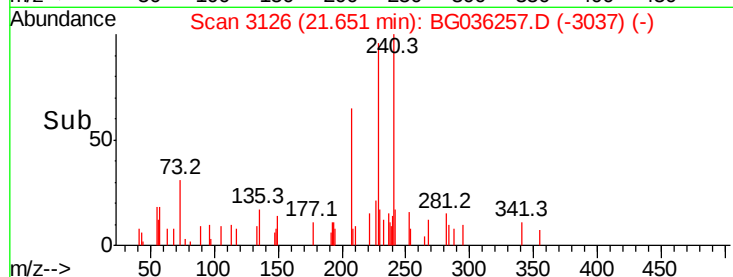
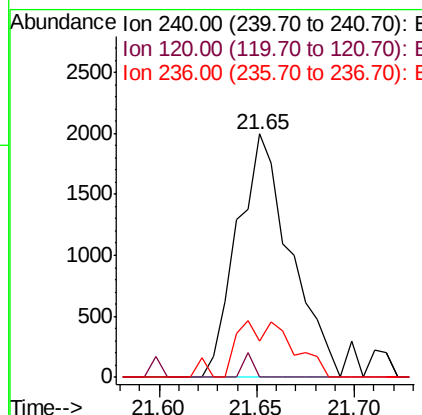
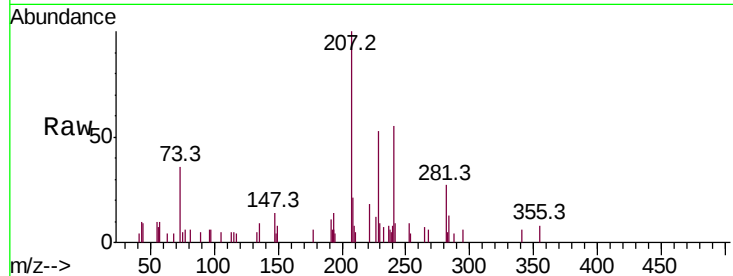




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

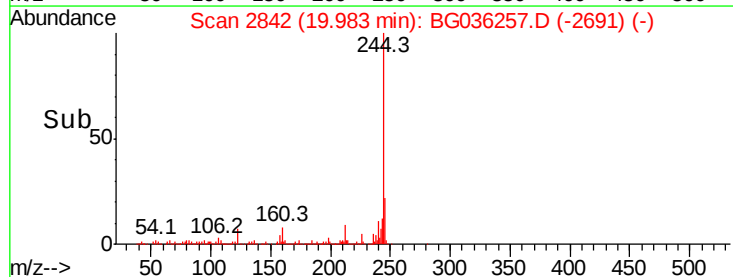
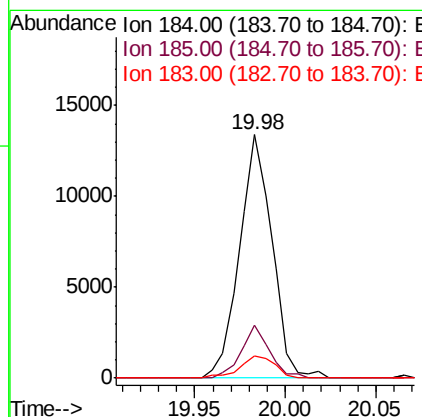
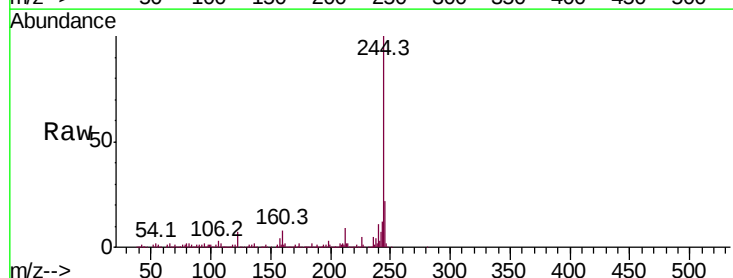
Instrument :
 BNA_N
 ClientSampled :

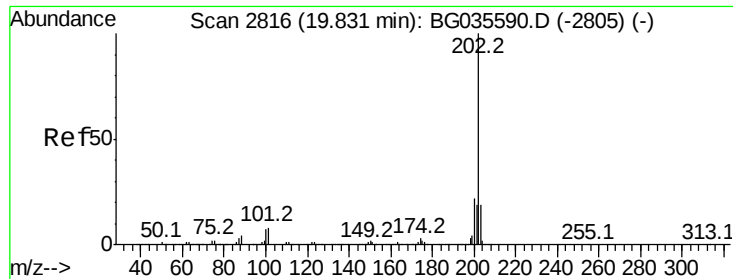
Tot Ion:240 Resp: 3747
 Ion Ratio Lower Upper
 240 100
 120 0.0 6.8 10.2#
 236 14.8 20.9 31.3#



#76
 Benzidine
 Concen: 169.039 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. 0.36 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:184 Resp: 16652
 Ion Ratio Lower Upper
 184 100
 185 21.5 11.1 16.7#
 183 9.0 10.6 16.0#

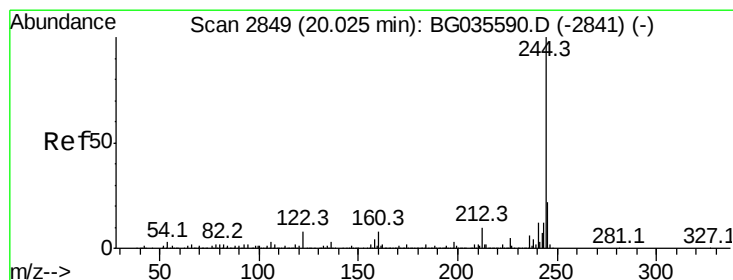
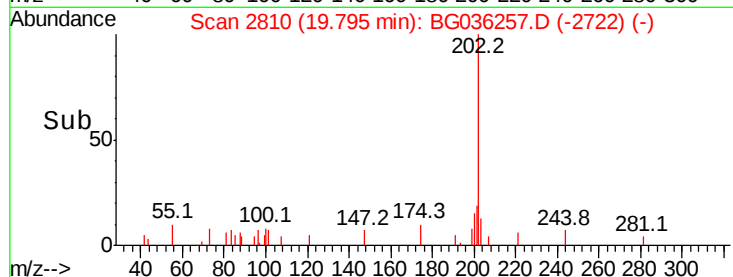
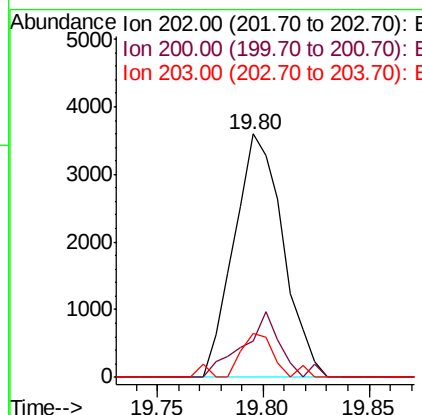
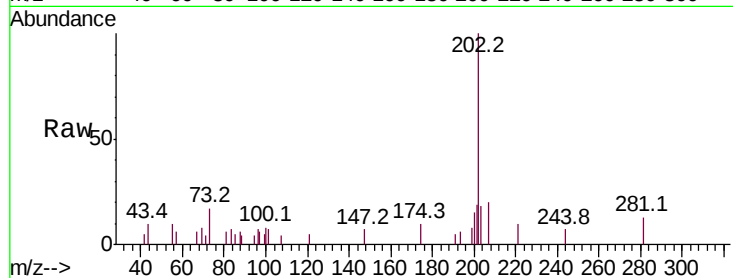




#77
Pvrene
Concen: 24.391 ng
RT: 19.80 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

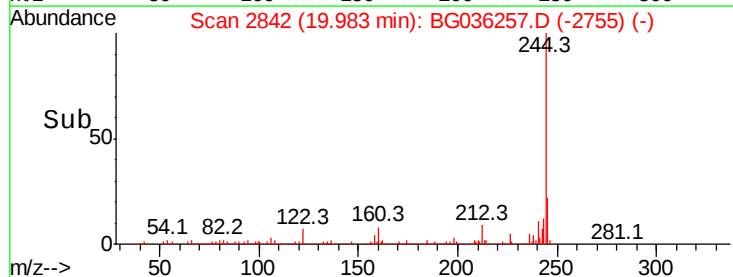
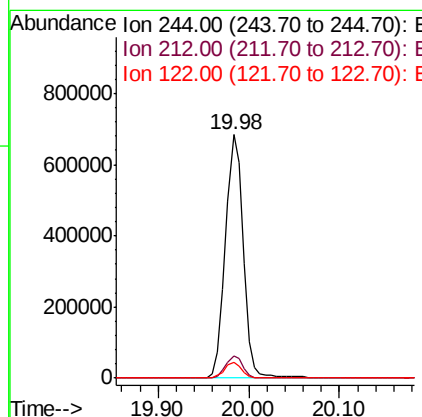
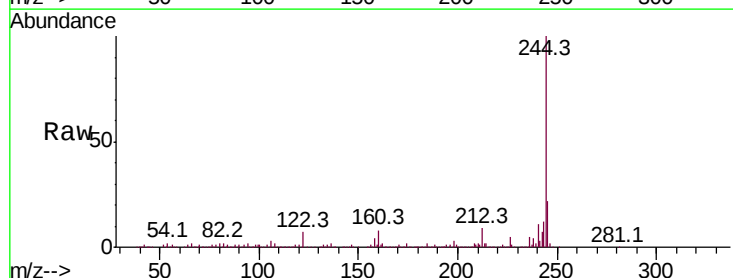
Instrument :
BNA_N
ClientSampled :

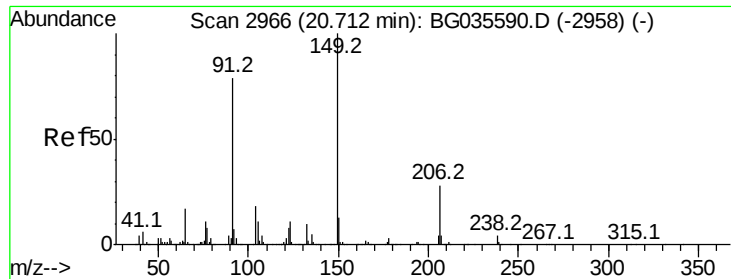
Tot Ion	Ratio	Lower	Upper
202	100		
200	15.1	16.9	25.3#
203	17.8	13.9	20.9



#78
Terphenyl-d14
Concen: 5498.633 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036257.D
Acq: 10 Aug 2018 7:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.5	7.0	10.4#

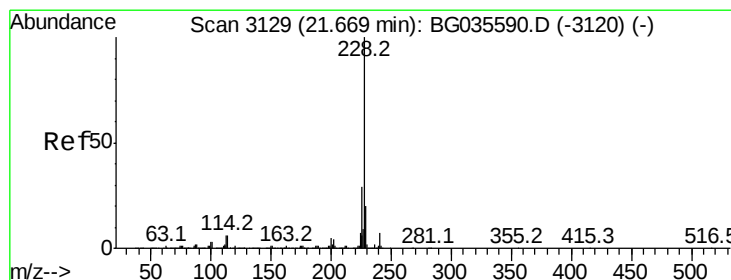
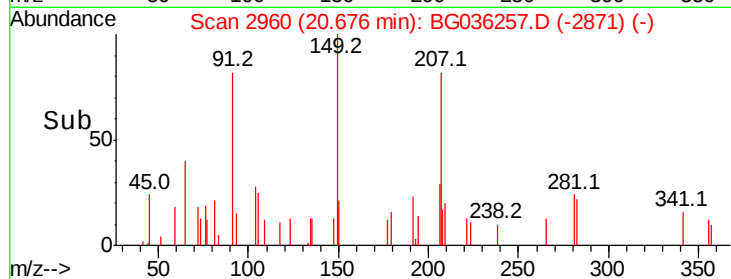
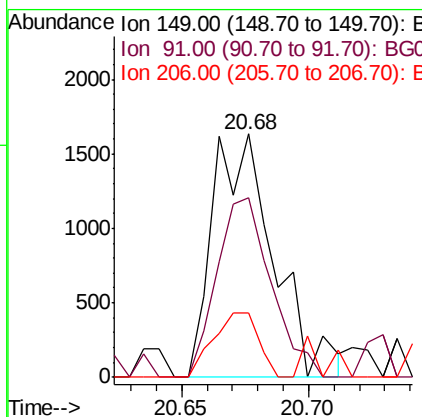
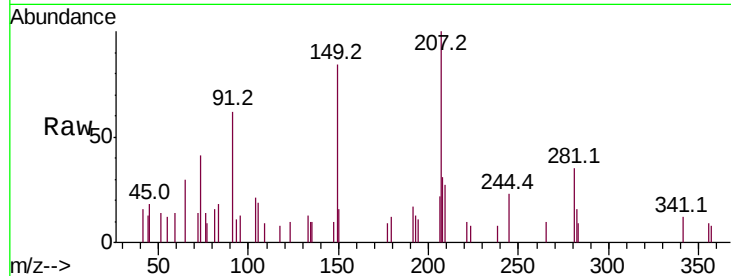




#79
 Butylbenzylphthalate
 Concen: 32.434 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

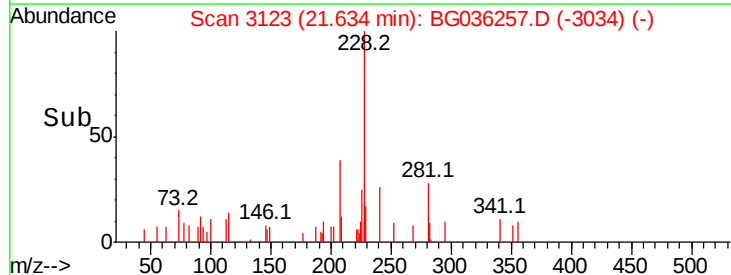
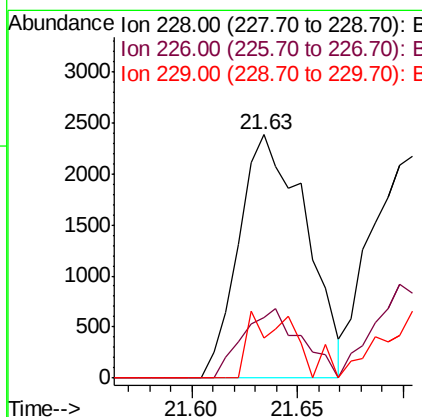
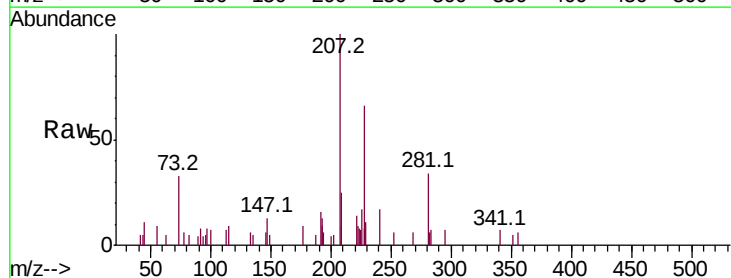
Instrument :
 BNA_N
 ClientSampled :

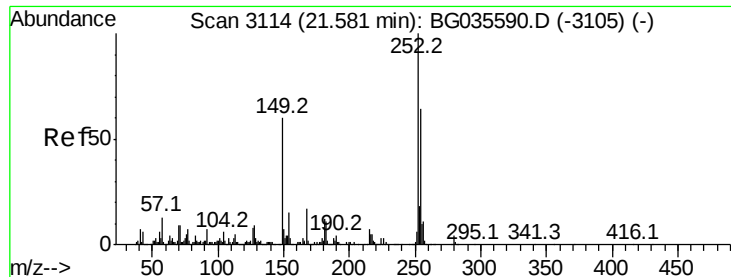
Tot Ion:	149	Resp:	2748
Ion Ratio	Lower	Upper	
149	100		
91	74.0	62.2	93.2
206	26.4	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 22.599 ng
 RT: 21.63 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:	228	Resp:	5277
Ion Ratio	Lower	Upper	
228	100		
226	25.0	22.7	34.1
229	16.6	16.2	24.2

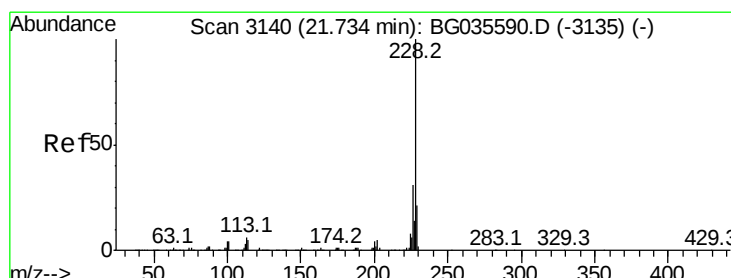
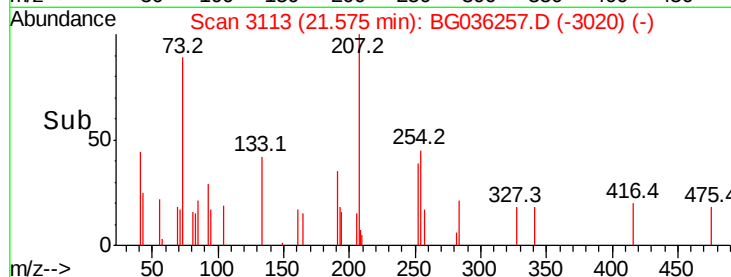
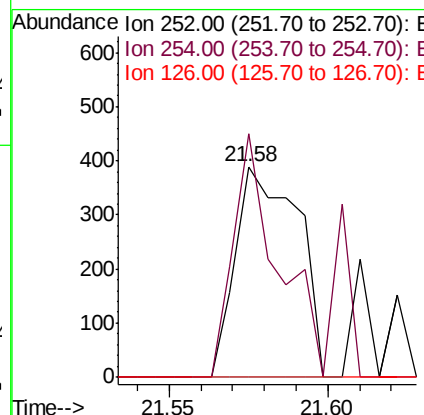
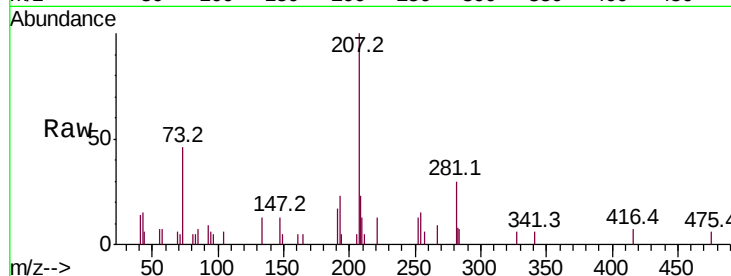




#81
 3,3'-Dichlorobenzidine
 Concen: 6.522 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. 0.02 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

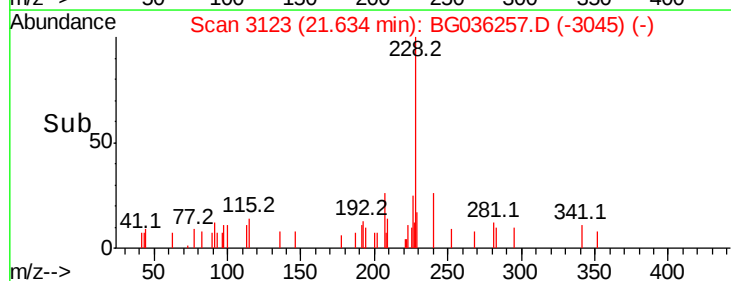
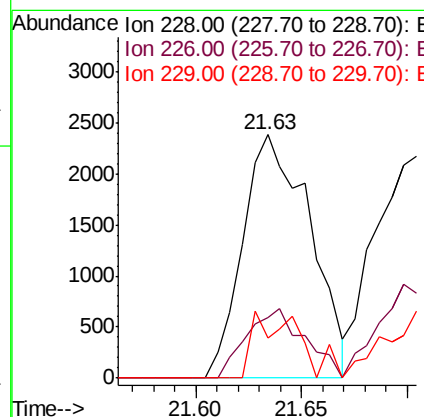
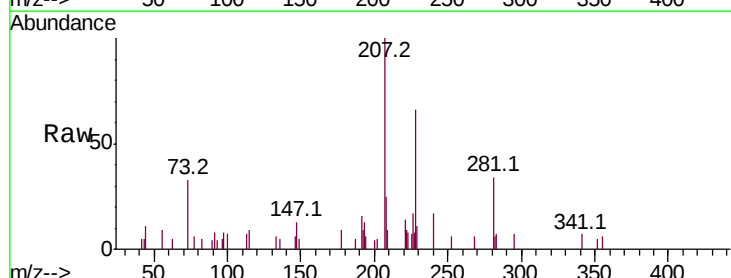
Instrument :
 BNA_N
 ClientSampleId :

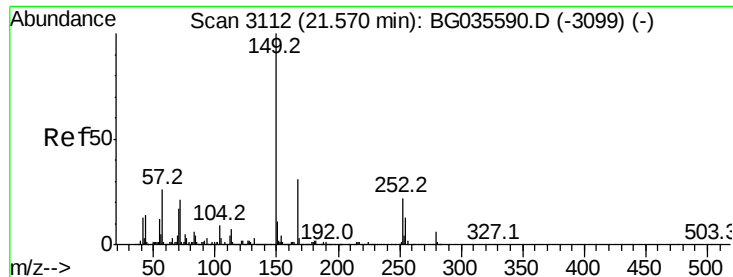
Tot Ion:252 Resp: 531
 Ion Ratio Lower Upper
 252 100
 254 115.7 50.8 76.2#
 126 0.0 7.4 11.2#



#82
 Chrysene
 Concen: 24.388 ng
 RT: 21.63 min Scan# 3123
 Delta R.T. -0.07 min
 Lab File: BG036257.D
 Acq: 10 Aug 2018 7:22

Tgt Ion:228 Resp: 5277
 Ion Ratio Lower Upper
 228 100
 226 25.0 24.9 37.3
 229 16.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.312 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

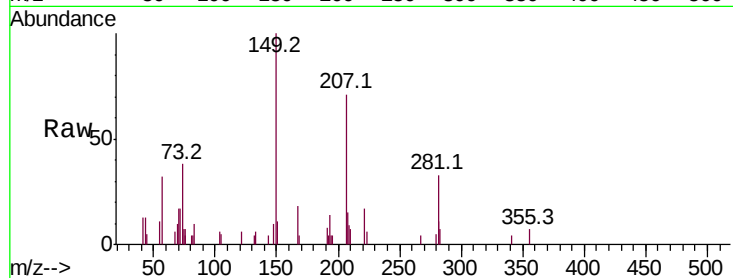
Tot Ion:149 Resp: 5680

Ion Ratio Lower Upper

149 100

167 18.3 24.3 36.5#

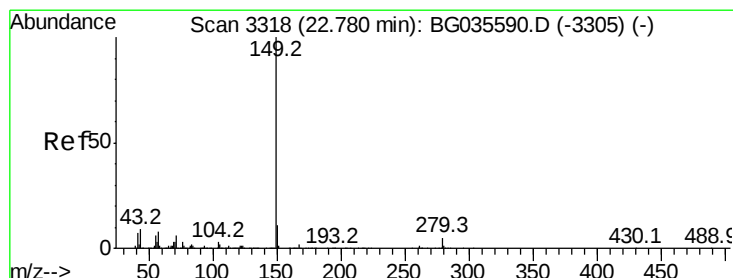
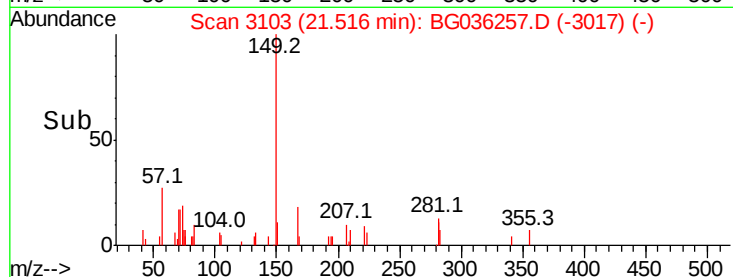
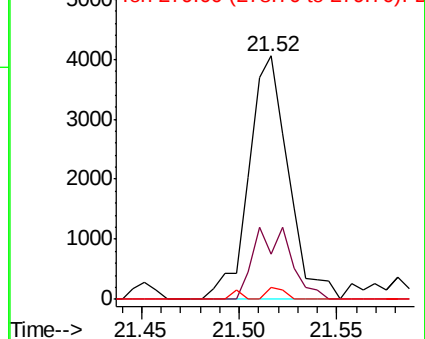
279 4.7 4.0 6.0



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



#84

Di-n-octyl phthalate

Concen: 26.568 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

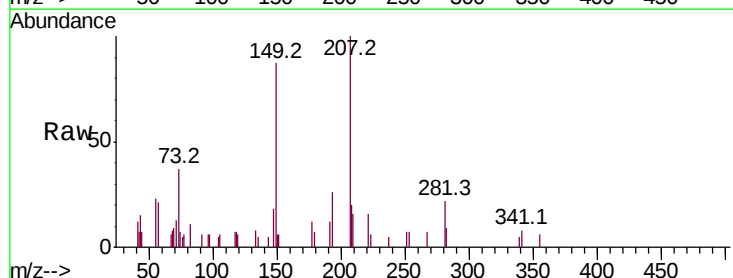
Tgt Ion:149 Resp: 5124

Ion Ratio Lower Upper

149 100

167 1.2 1.4 2.0#

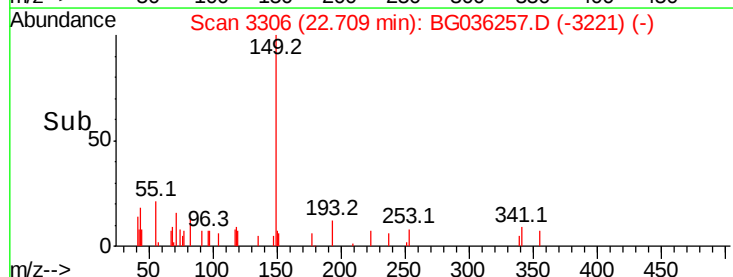
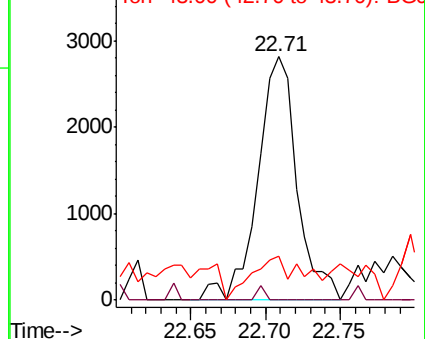
43 24.0 8.9 13.3#

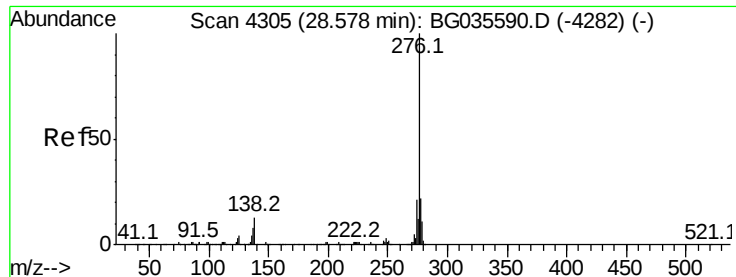


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.797 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

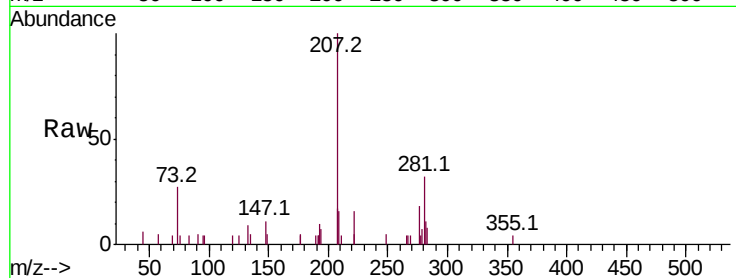
Tot Ion:276 Resp: 670

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

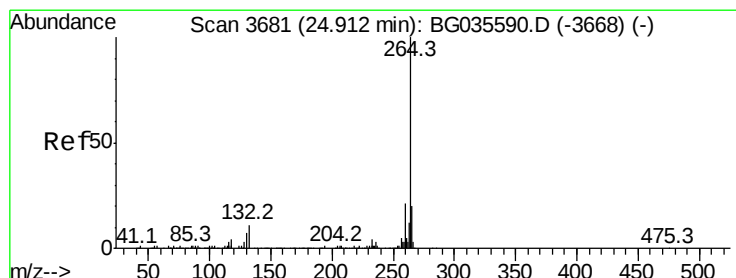
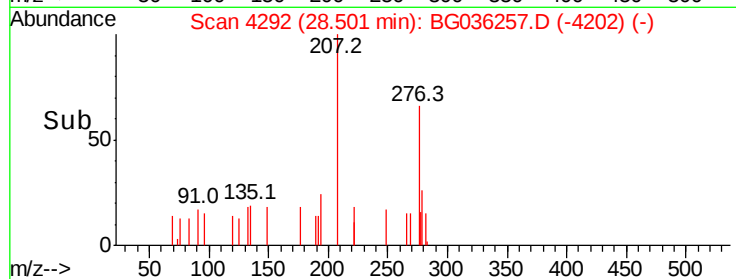
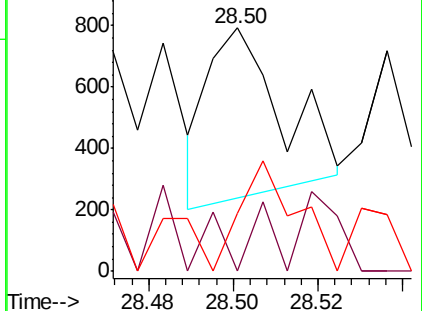
277 49.4 20.0 30.0#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

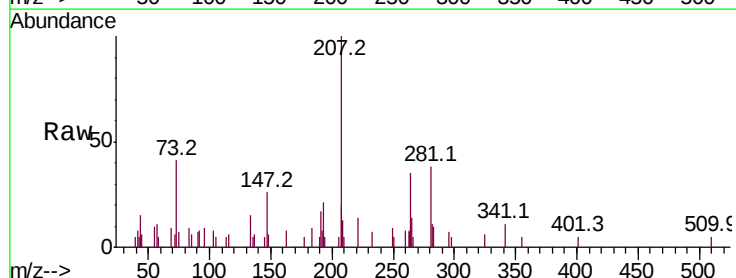
Tgt Ion:264 Resp: 3265

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

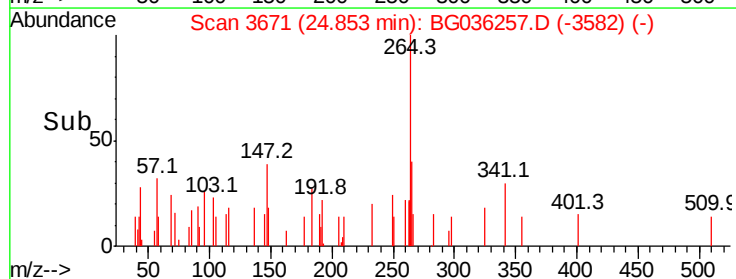
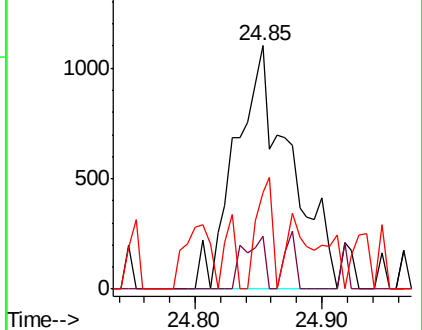
265 39.6 17.7 26.5#

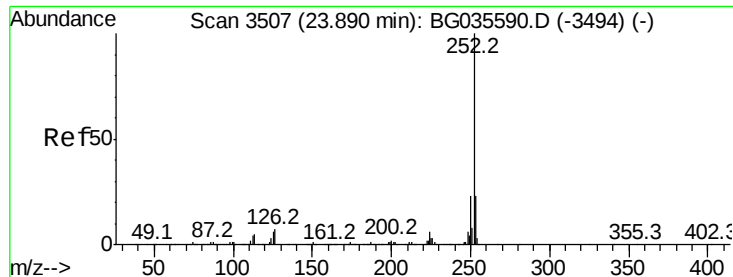


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.640 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

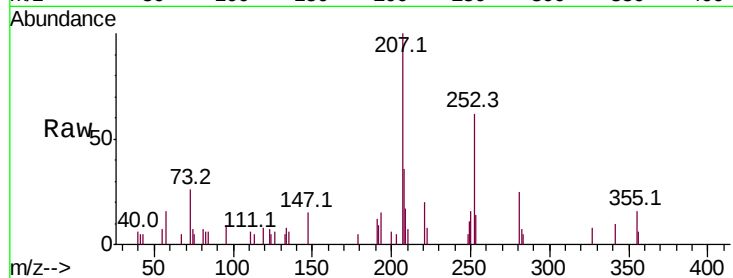
Tot Ion:252 Resp: 5485

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

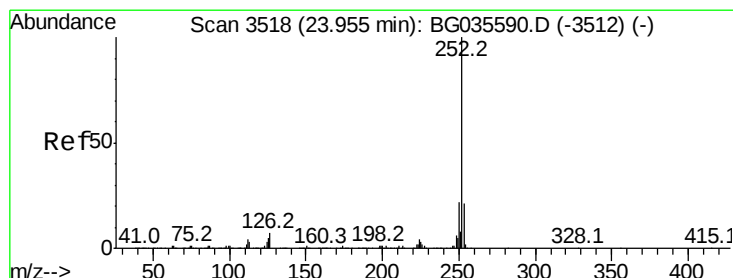
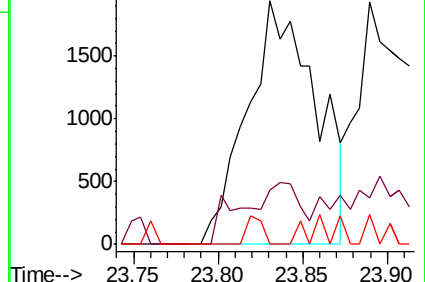
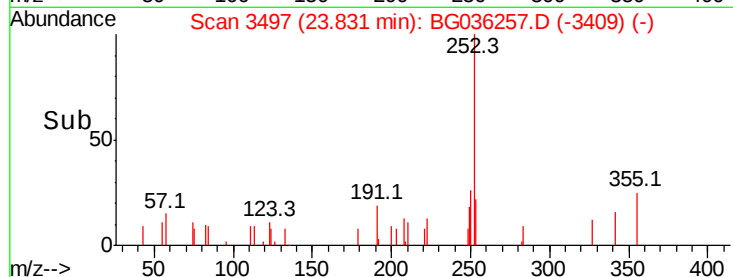
125 0.0 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 29.550 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

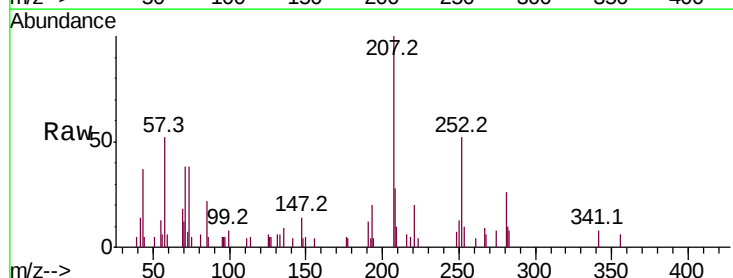
Tgt Ion:252 Resp: 5733

Ion Ratio Lower Upper

252 100

253 19.2 17.4 26.2

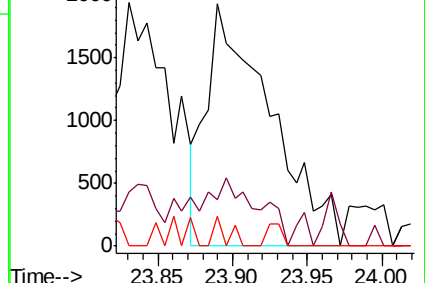
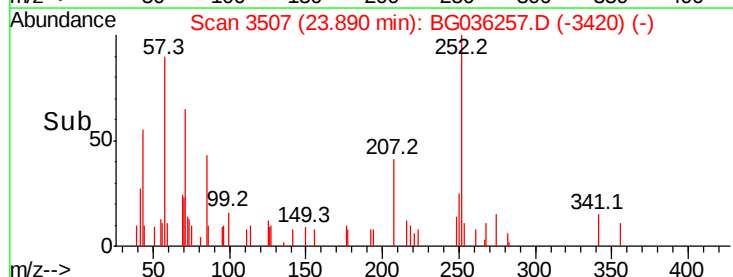
125 12.2 6.6 9.8#

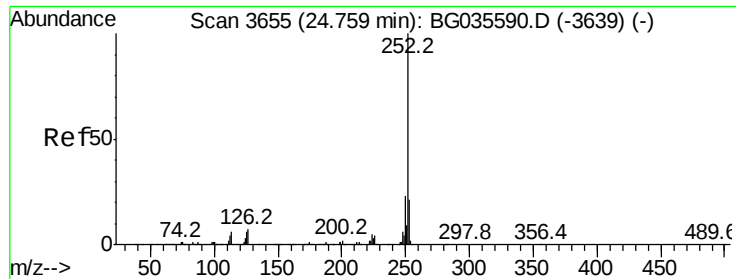


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.008 ng

RT: 24.69 min Scan# 3644

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

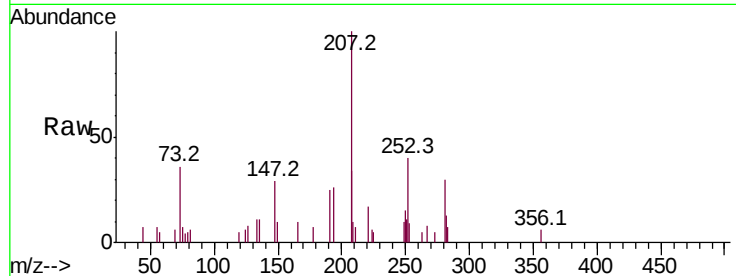
Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 4617

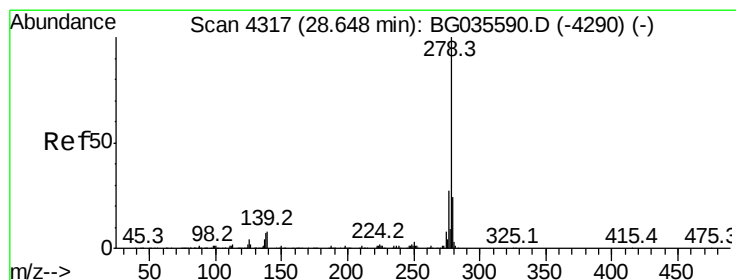
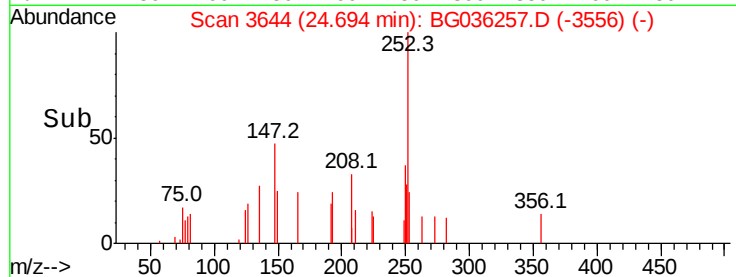
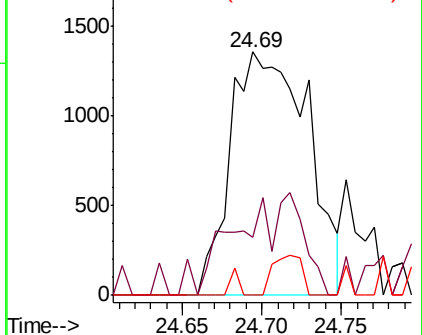
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	0.0	7.3	10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 6.494 ng

RT: 28.57 min Scan# 4303

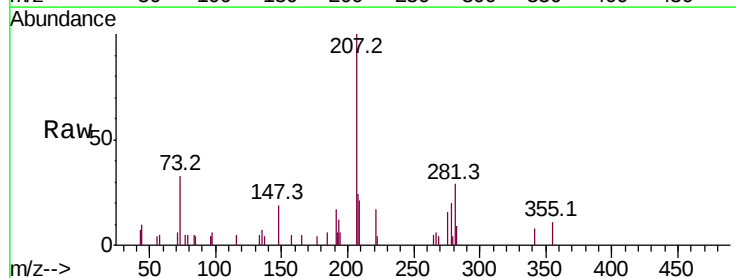
Delta R.T. -0.00 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Tgt Ion:278 Resp: 1177

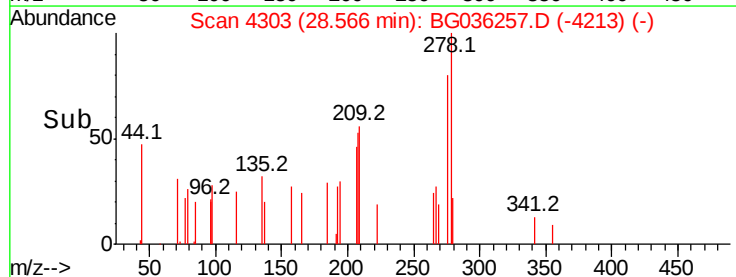
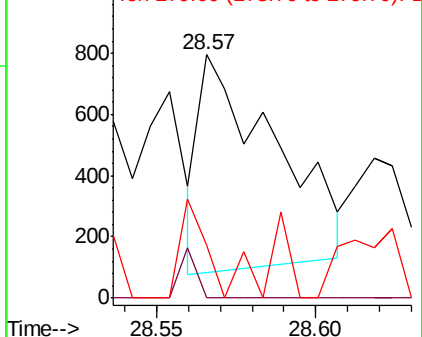
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	21.6	18.4	27.6

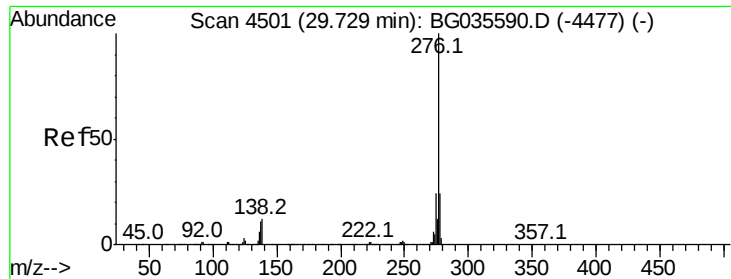


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 7.786 ng

RT: 29.62 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG036257.D

Acq: 10 Aug 2018 7:22

Instrument :

BNA_N

ClientSampleId :

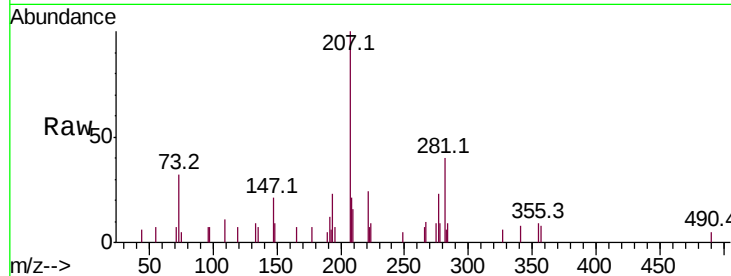
Tot Ion:276 Resp: 1381

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



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

