

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036255.D
 Acq On : 10 Aug 2018 6:04
 Operator : JU/SJ
 Sample : J4398-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 07:05:31 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	8.00	152	2762	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	3206	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	2976	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	7940	20.00	ng	0.00
75) Chrysene-d12	21.64	240	8555	20.00	ng	-0.02
86) Perylene-d12	24.84	264	7673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227529	1367.67	ng	0.00
7) Phenol-d6	7.18	99	336715	1356.57	ng	-0.01
23) Nitrobenzene-d5	9.17	82	223863	2916.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	157058	4003.97	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	527460	2374.53	ng	-0.02
78) Terphenyl-d14	19.98	244	941071	2424.78	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.51	88	370	4.370	ng	# 14
6) Aniline	7.34	93	841	2.614	ng	# 84
8) 2-Chlorophenol	7.58	128	652	3.853	ng	# 52
9) Benzaldehyde	7.16	77	345	2.265	ng	# 68
10) Phenol	7.21	94	4616	18.408	ng	# 37
11) bis(2-Chloroethyl)ether	7.43	93	668	3.401	ng	# 44
12) 1,3-Dichlorobenzene	7.91	146	732	3.583	ng	# 55
13) 1,4-Dichlorobenzene	8.05	146	800	3.854	ng	# 92
14) 1,2-Dichlorobenzene	8.37	146	581	2.913	ng	# 78
15) Benzyl Alcohol	8.32	79	4473	19.845	ng	# 51
17) 2-Methylphenol	8.46	107	477	2.798	ng	# 71
19) n-Nitroso-di-n-propylamine	9.18	70	32163	153.880	ng	# 68
22) Acetophenone	8.84	105	1071	10.743	ng	# 80
24) Nitrobenzene	9.21	77	1071	13.876	ng	# 42
25) Isophorone	9.75	82	1680	11.792	ng	# 37
26) 2-Nitrophenol	9.97	139	126	4.597	ng	# 29
27) 2,4-Dimethylphenol	10.04	122	263	5.668	ng	# 1
29) 2,4-Dichlorophenol	10.56	162	254	4.796	ng	# 23
30) 1,2,4-Trichlorobenzene	10.69	180	658	10.131	ng	# 68
31) Naphthalene	10.88	128	2342	14.024	ng	# 84
32) Benzoic acid	10.07	122	337	10.789	ng	# 1
34) Hexachlorobutadiene	11.14	225	711	14.039	ng	# 89
35) Caprolactam	12.20	113	80	3.520	ng	# 1
36) 4-Chloro-3-methylphenol	12.16	107	678	9.550	ng	# 59
37) 2-Methylnaphthalene	12.48	142	1429	11.485	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1178	10.487	ng	# 81
42) 2,4,6-Trichlorophenol	13.12	196	385	5.861	ng	# 50
43) 2,4,5-Trichlorophenol	13.12	196	385	5.239	ng	# 64
45) 1,1'-Biphenyl	13.48	154	2847	12.339	ng	# 92
46) 2-Chloronaphthalene	13.52	162	1991	11.094	ng	# 82
48) Acenaphthylene	14.36	152	3369	11.206	ng	# 96
49) Dimethylphthalate	14.09	163	86938	333.426	ng	# 98
50) 2,6-Dinitrotoluene	14.23	165	564	10.622	ng	# 56
51) Acenaphthene	14.70	154	2155	11.507	ng	# 75

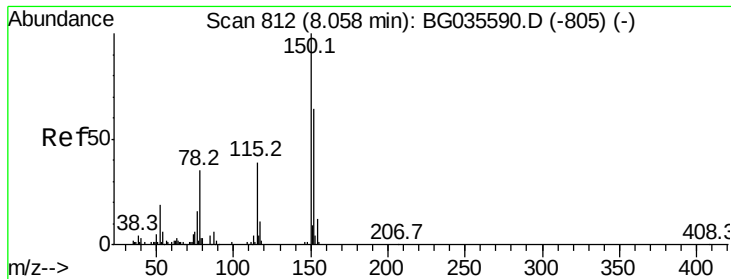
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036255.D
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Quant Time: Aug 10 07:05:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	15.04	168	3625	12.171	nq	97
55) 4-Nitrophenol	15.05	139	1399	36.198	nq #	1
56) 2,4-Dinitrotoluene	15.02	165	554	7.273	nq #	56
57) Fluorene	15.69	166	2581	10.339	nq	88
58) 2,3,4,6-Tetrachlorophenol	15.29	232	752	10.673	nq #	50
59) Diethylphthalate	15.44	149	3423	12.767	nq #	90
60) 4-Chlorophenyl-phenylether	15.67	204	1515	10.326	nq #	87
62) Azobenzene	15.97	77	2548	9.635	nq	92
64) 4,6-Dinitro-2-methylphenol	16.13	198	550	12.444	nq	91
65) n-Nitrosodiphenylamine	15.90	169	2093	9.261	nq	89
66) 4-Bromophenyl-phenylether	16.58	248	1057	11.474	nq #	78
67) Hexachlorobenzene	16.68	284	1077	11.353	nq #	62
68) Atrazine	16.84	200	977	10.500	nq #	67
70) Phenanthrene	17.43	178	5752	14.518	nq #	92
71) Anthracene	17.52	178	4170	10.570	nq #	96
72) Carbazole	17.82	167	3005	8.021	nq #	72
73) Di-n-butylphthalate	18.33	149	9325	21.062	nq #	96
74) Fluoranthene	19.44	202	7897	14.798	nq	92
76) Benzidine	19.98	184	17538	77.977	nq #	86
77) Pyrene	19.80	202	8137	15.042	nq	98
79) Butylbenzylphthalate	20.68	149	2533	13.094	nq	97
80) Benzo(a)anthracene	21.64	228	6386	11.978	nq #	85
82) Chrysene	21.69	228	7313	14.803	nq #	89
83) Bis(2-ethylhexyl)phthalate	21.52	149	4384	16.670	nq #	98
84) Di-n-octyl phthalate	22.70	149	5288	12.009	nq #	89
85) Indeno(1,2,3-cd)pyrene	28.48	276	1816	3.320	nq #	77
87) Benzo(b)fluoranthene	23.83	252	6982	14.971	nq	94
88) Benzo(k)fluoranthene	23.90	252	4275	9.376	nq	95
89) Benzo(a)pyrene	24.69	252	2903	6.691	nq #	92
91) Benzo(a,h,i)perylene	29.62	276	1988	4.770	nq #	74

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

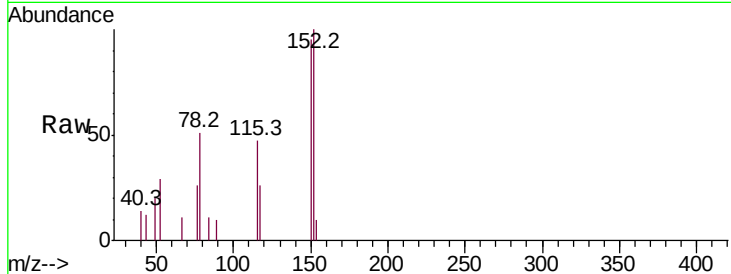


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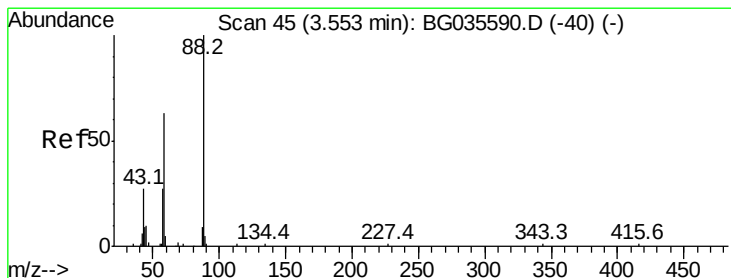
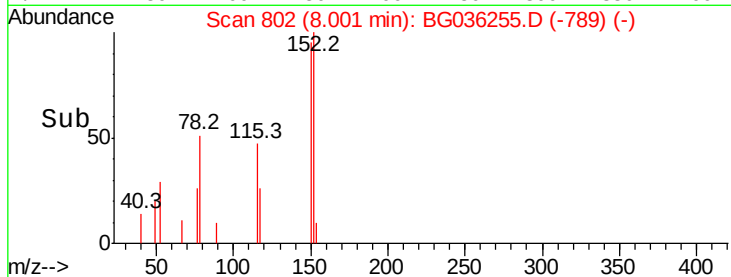
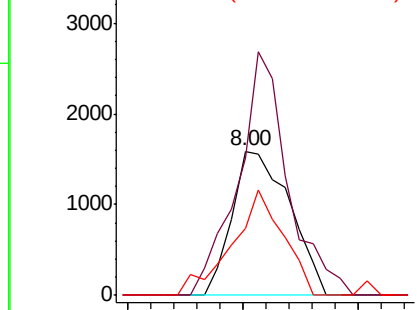
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 2762
Ion Ratio Lower Upper
152 100
150 95.1 126.6 189.8#
115 46.6 53.0 79.4#



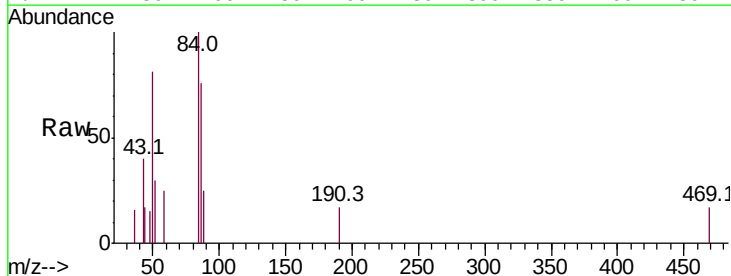
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



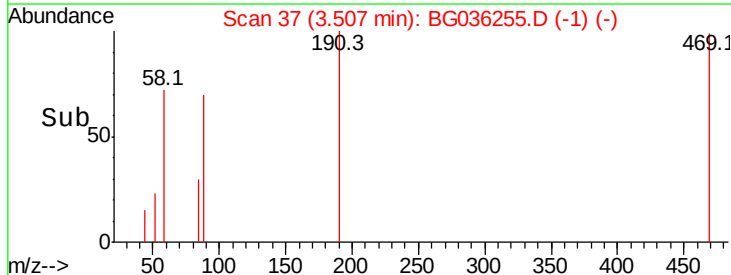
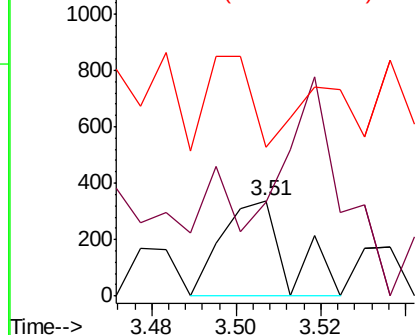
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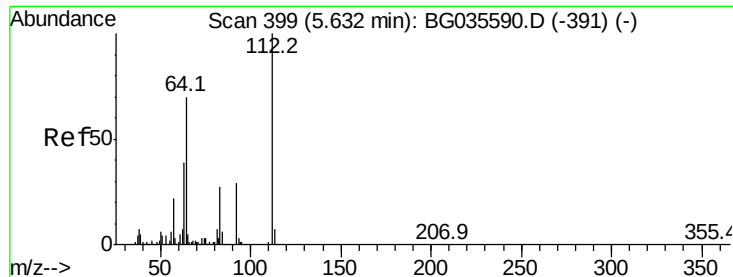
1,4-Dioxane
Concen: 4.370 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
58 214.1 79.6 119.4#
43 33.2 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: 1367.674 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

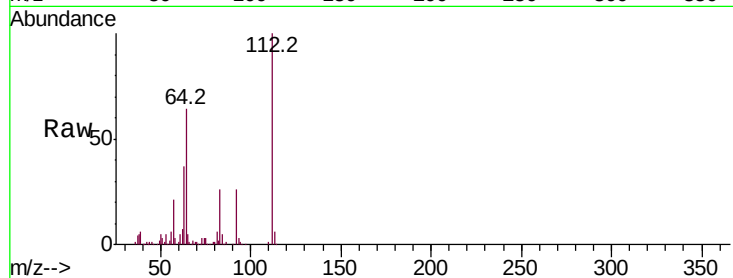
Tot Ion:112 Resp: 227529

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

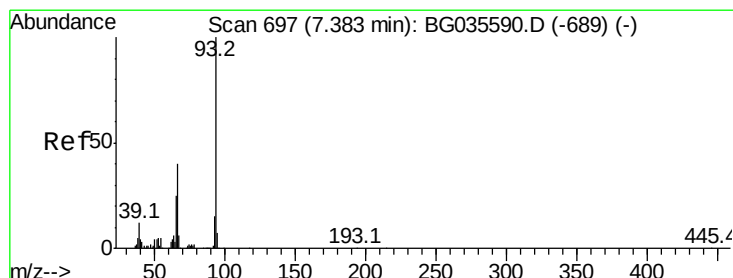
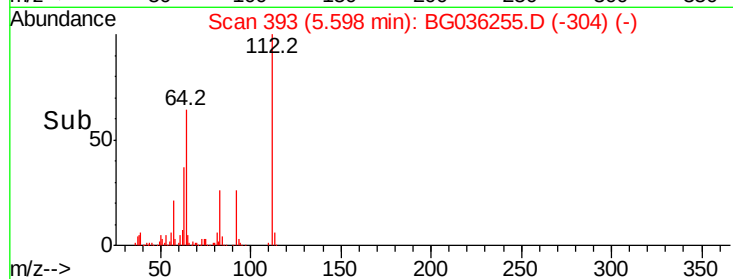
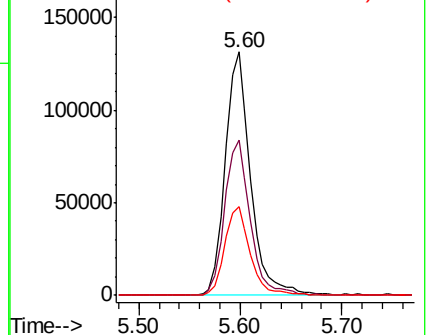
63 36.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.614 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

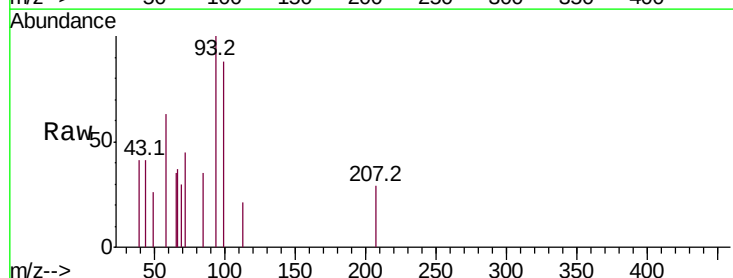
Tgt Ion: 93 Resp: 841

Ion Ratio Lower Upper

93 100

66 37.2 33.7 50.5

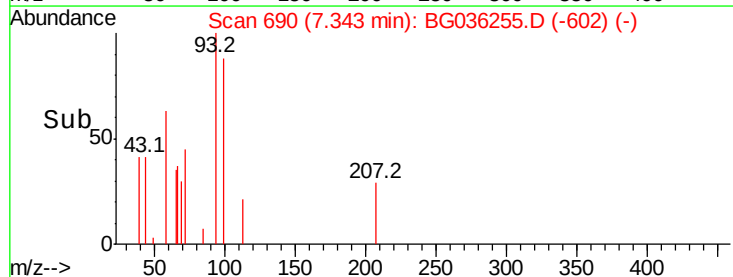
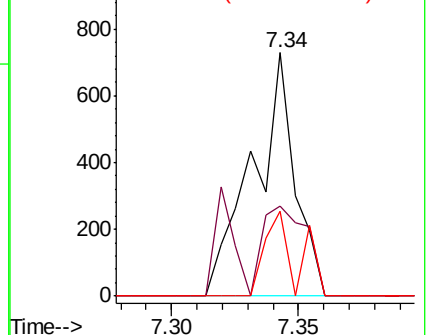
65 35.1 16.1 24.1#

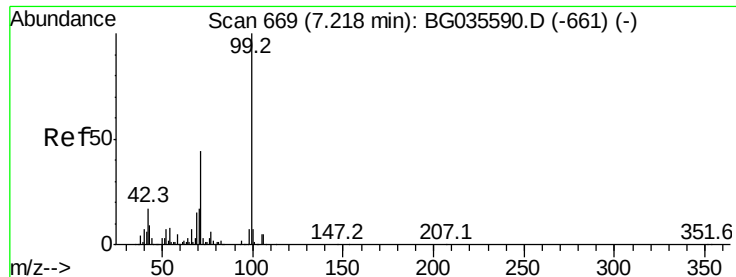


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 1356.572 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

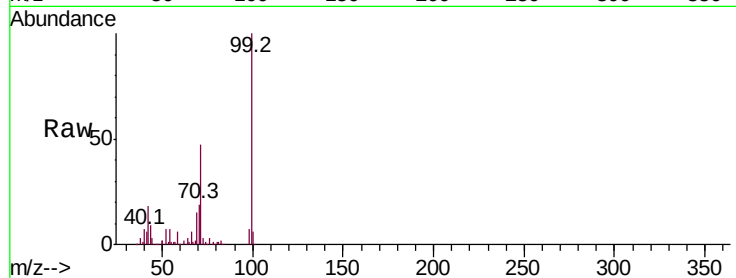
Tot Ion: 99 Resp: 336715

Ion Ratio Lower Upper

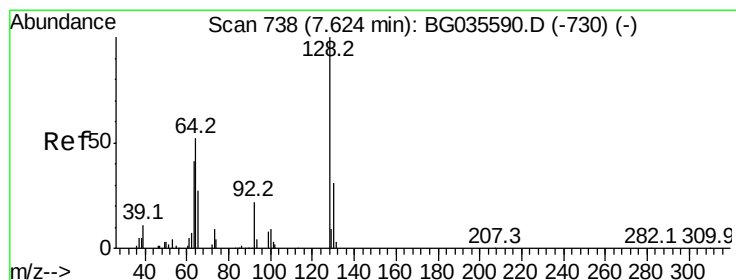
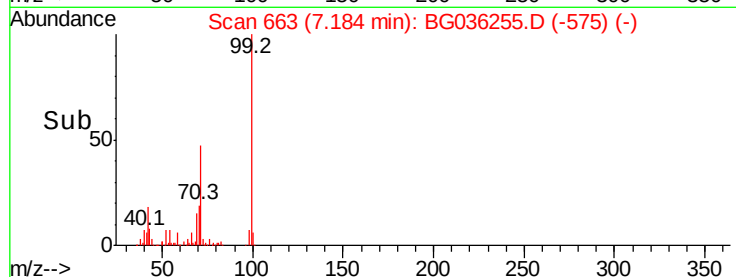
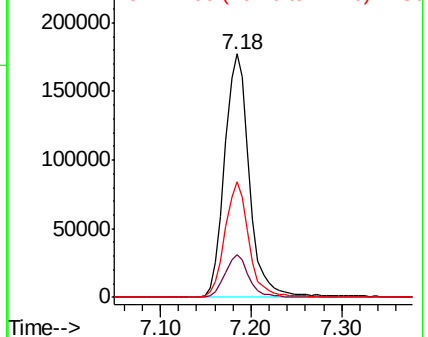
99 100

42 17.7 14.1 21.1

71 47.3 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: 3.853 ng

RT: 7.58 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

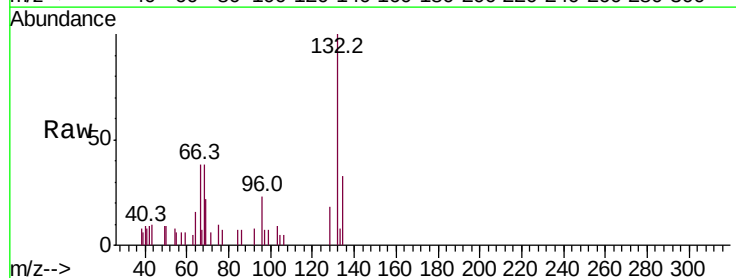
Tgt Ion: 128 Resp: 652

Ion Ratio Lower Upper

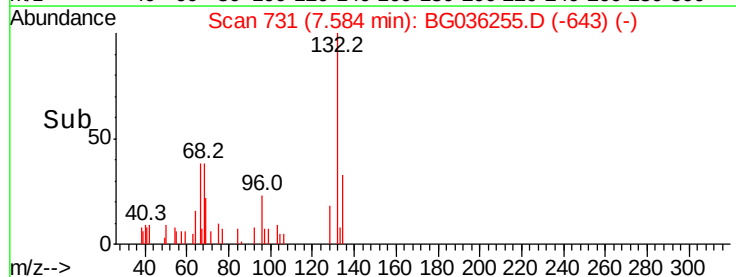
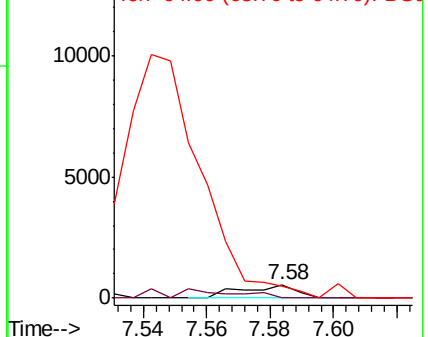
128 100

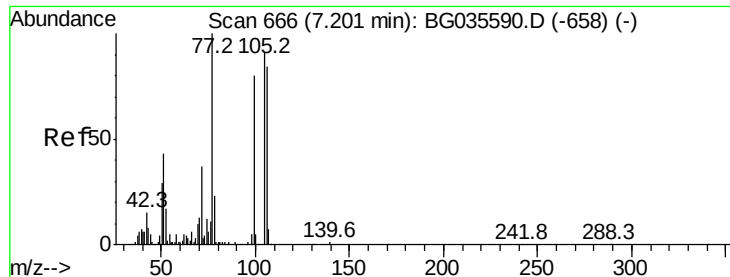
130 0.0 14.0 54.0#

64 88.0 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: 2.265 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

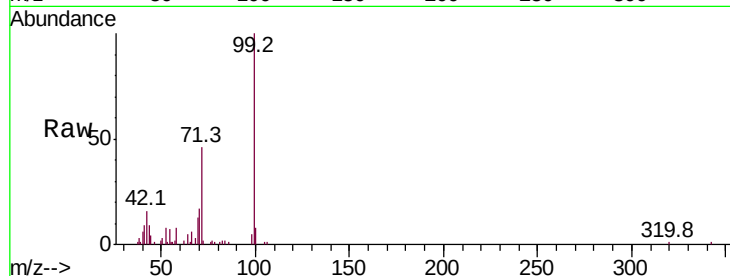
Tot Ion: 77 Resp: 345

Ion Ratio Lower Upper

77 100

105 59.9 71.3 111.3#

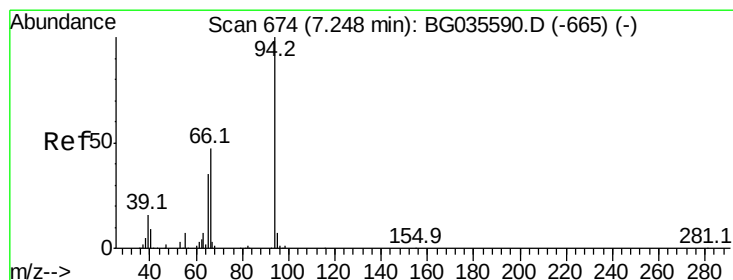
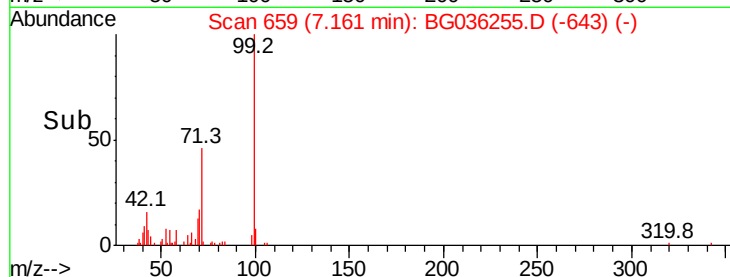
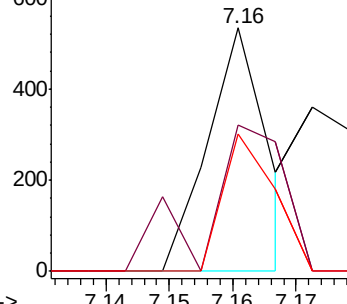
106 56.6 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 18.408 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

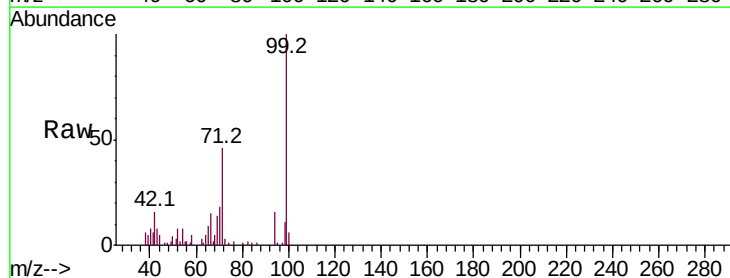
Tgt Ion: 94 Resp: 4616

Ion Ratio Lower Upper

94 100

65 53.7 11.9 51.9#

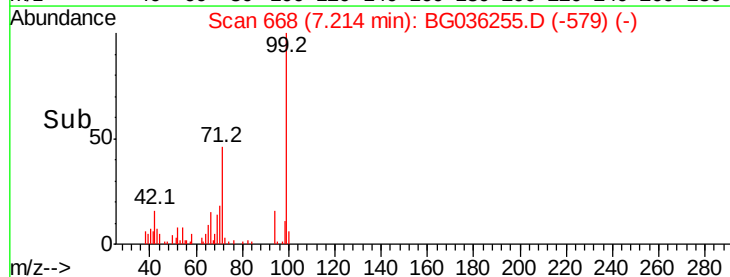
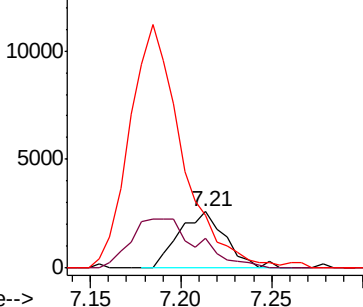
66 93.5 22.2 62.2#

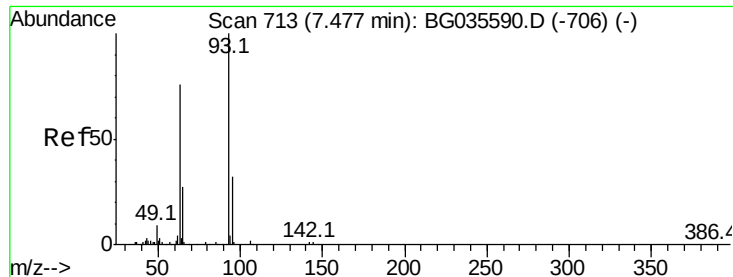


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

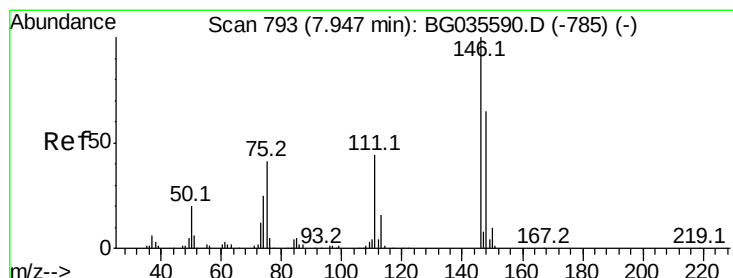
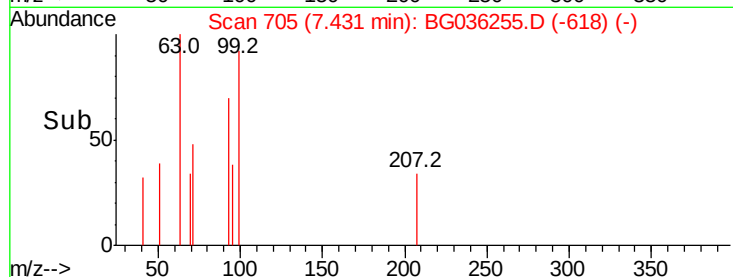
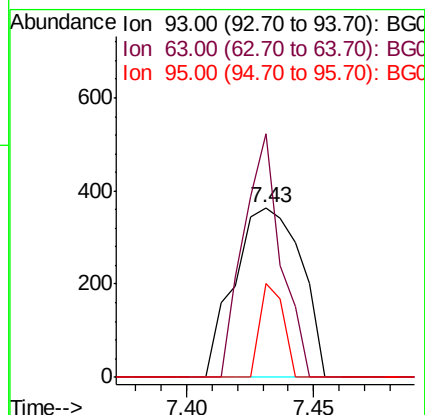
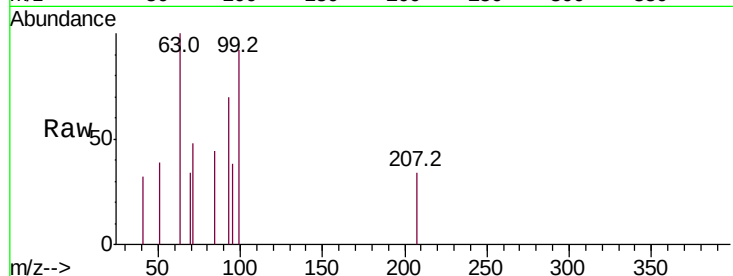




#11
bis(2-Chloroethyl)ether
Concen: 3.401 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

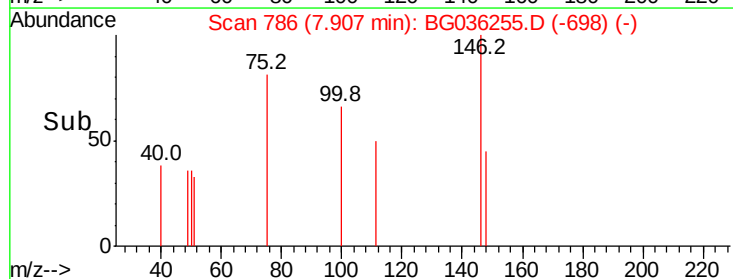
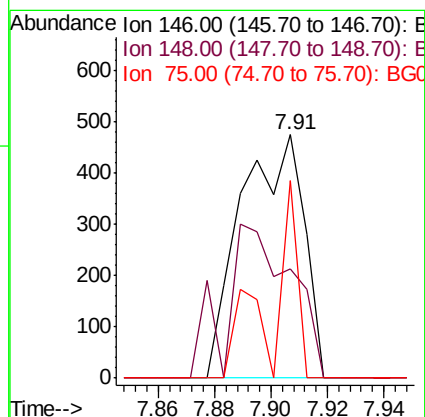
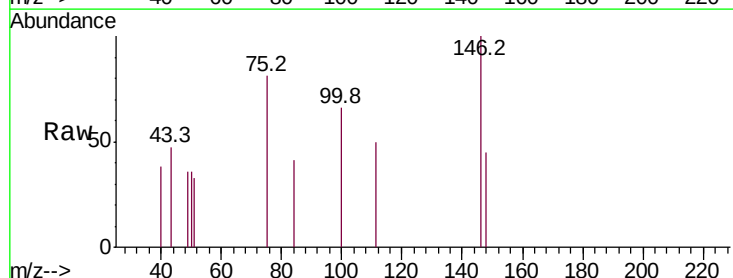
Instrument :
BNA_G
ClientSampleId :

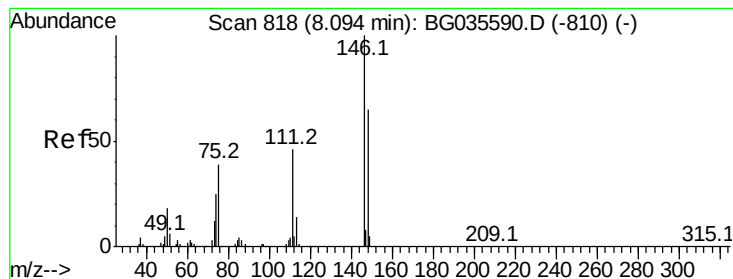
Tot Ion: 93 Resp: 668
Ion Ratio Lower Upper
93 100
63 143.7 67.1 107.1#
95 54.9 11.5 51.5#



#12
1,3-Dichlorobenzene
Concen: 3.583 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 146 Resp: 732
Ion Ratio Lower Upper
146 100
148 45.1 51.4 77.2#
75 81.4 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 3.854 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

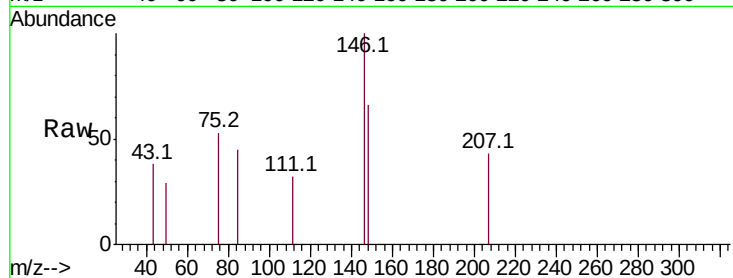
Tot Ion:146 Resp: 800

Ion Ratio Lower Upper

146 100

148 66.1 53.7 80.5

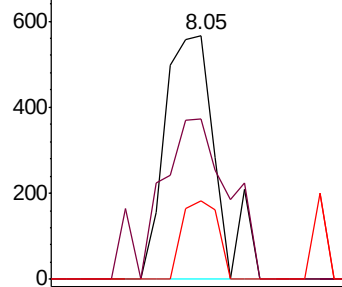
111 32.0 35.2 52.8#



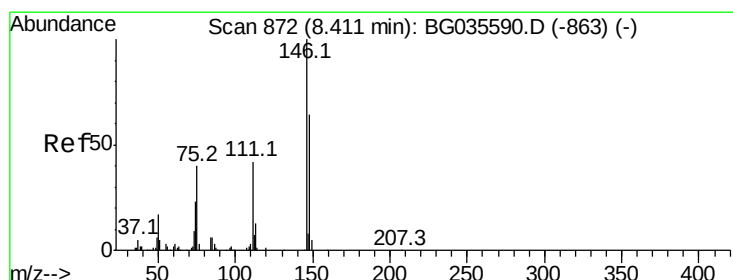
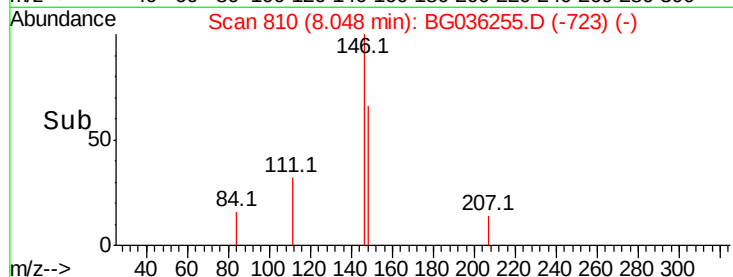
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 2.913 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

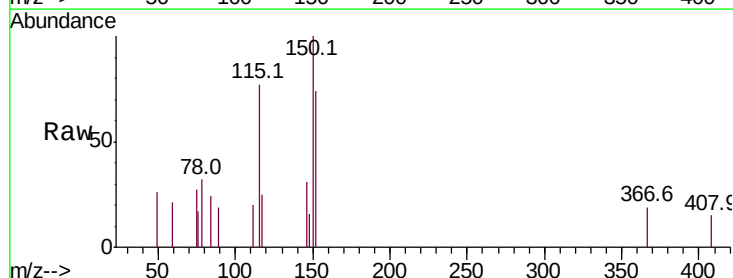
Tgt Ion:146 Resp: 581

Ion Ratio Lower Upper

146 100

148 50.2 49.3 73.9

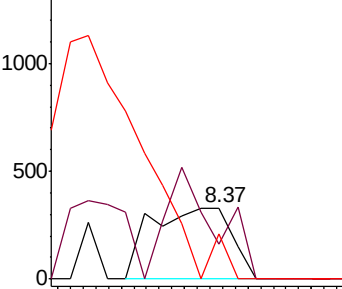
111 62.9 34.3 51.5#



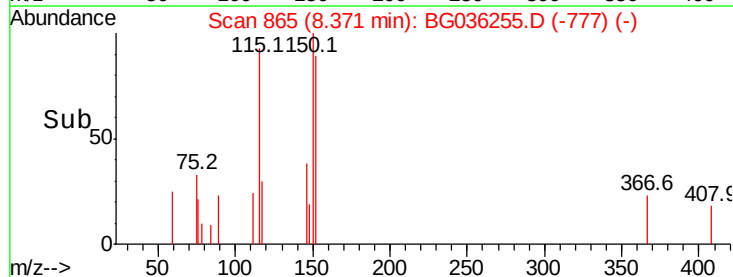
Abundance Ion 146.00 (145.70 to 146.70): E

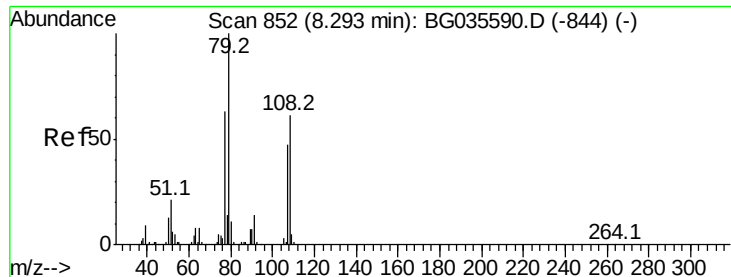
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 19.845 ng

RT: 8.32 min Scan# 857

Delta R.T. 0.06 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

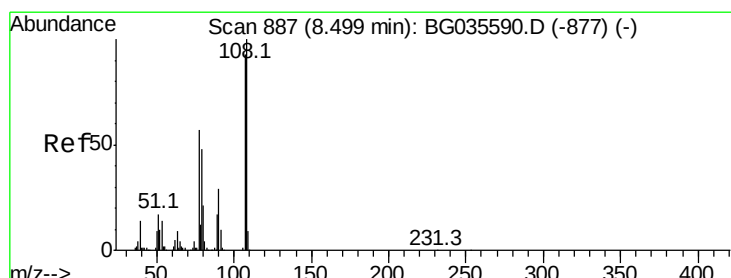
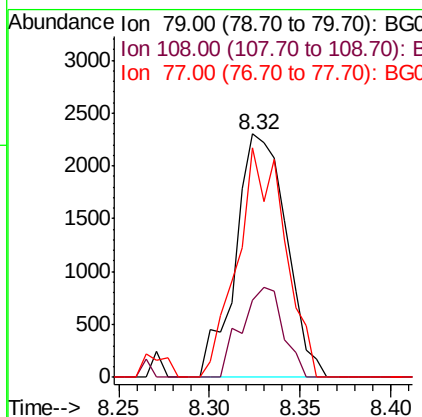
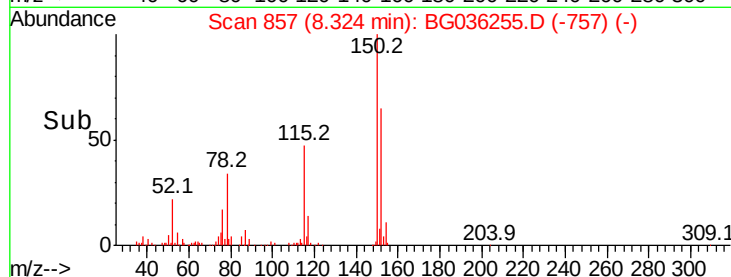
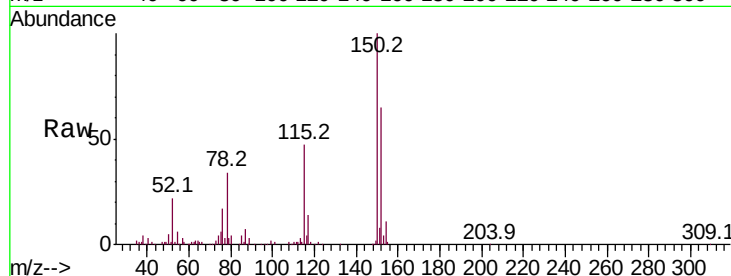
Tot Ion: 79 Resp: 4473

Ion Ratio Lower Upper

79 100

108 31.6 57.2 85.8#

77 94.2 46.1 69.1#



#17

2-Methylphenol

Concen: 2.798 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion: 107 Resp: 477

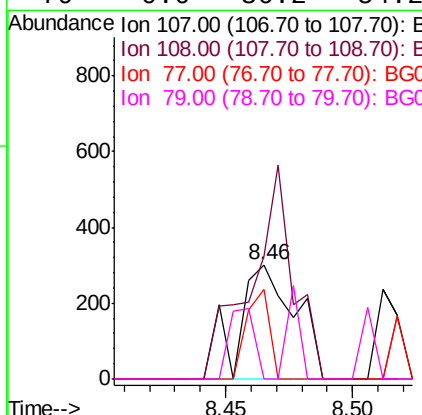
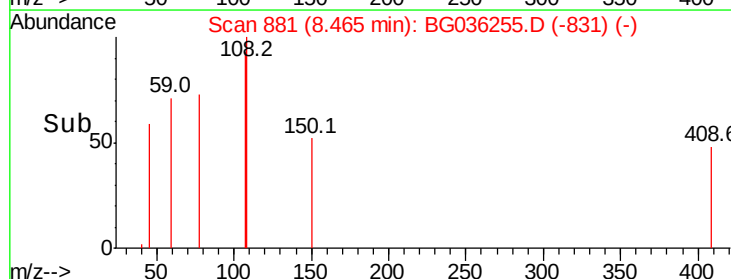
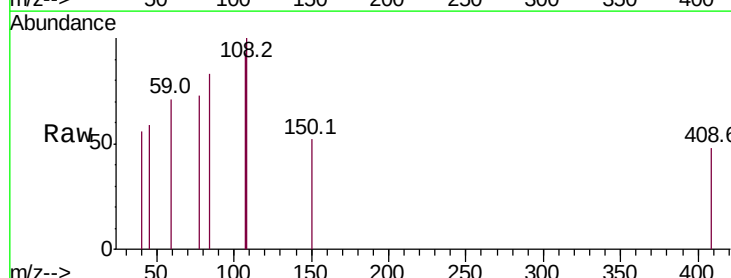
Ion Ratio Lower Upper

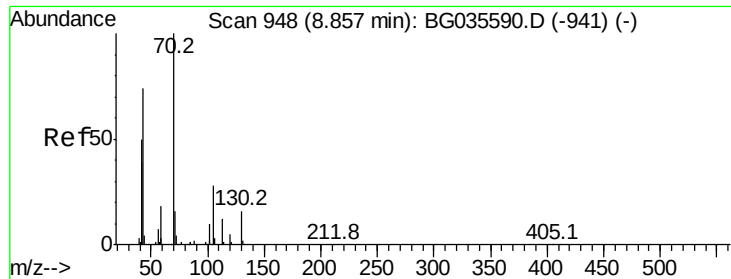
107 100

108 107.9 83.9 125.9

77 78.8 37.2 55.8#

79 0.0 36.2 54.2#





#19

n-Nitroso-di-n-propylamine

Concen: 153.880 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.35 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 32163

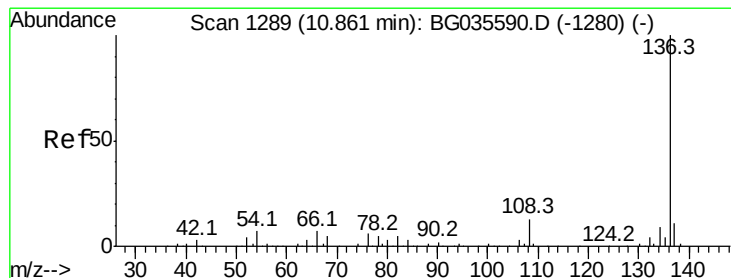
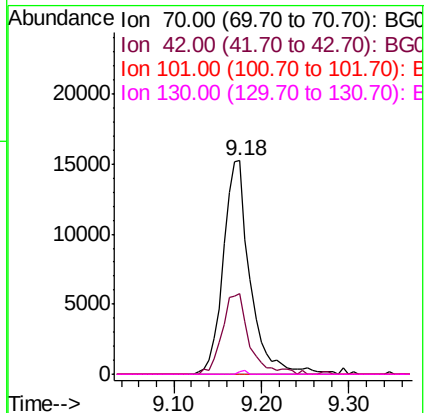
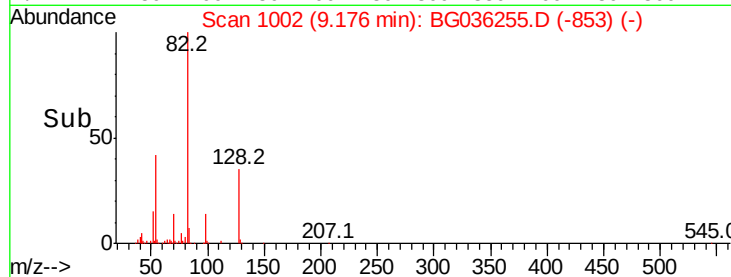
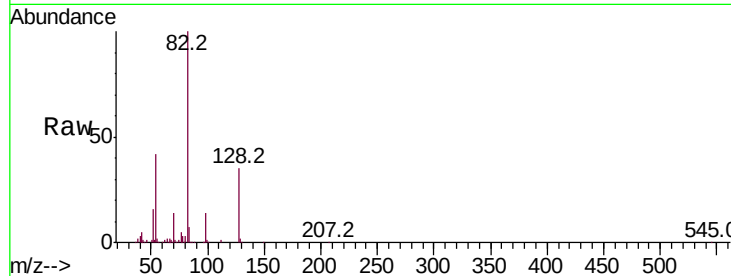
Ion Ratio Lower Upper

70 100

42 37.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion: 136 Resp: 3206

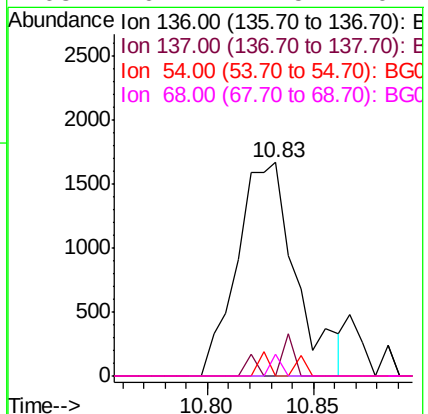
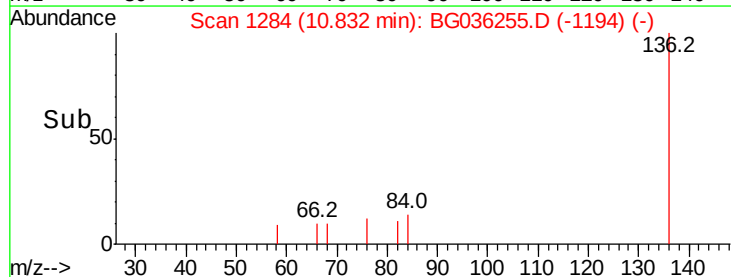
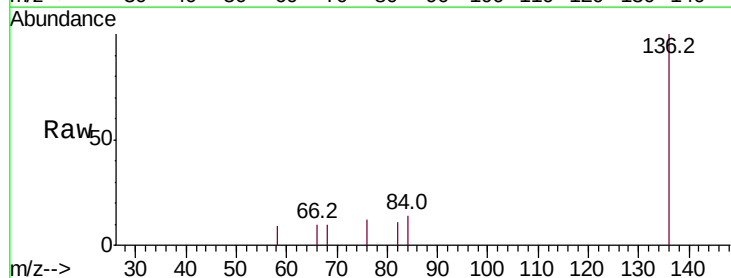
Ion Ratio Lower Upper

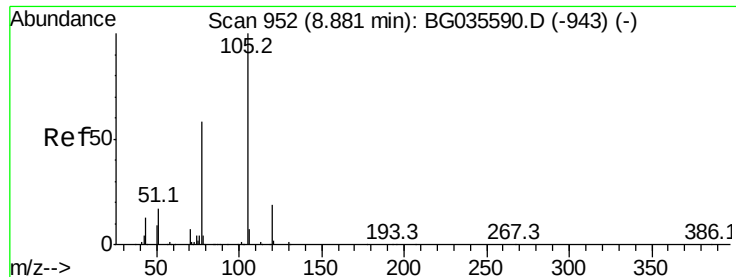
136 100

137 0.0 9.2 13.8#

54 0.0 10.3 15.5#

68 10.1 4.5 6.7#





#22

Acetophenone

Concen: 10.743 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG036255.D

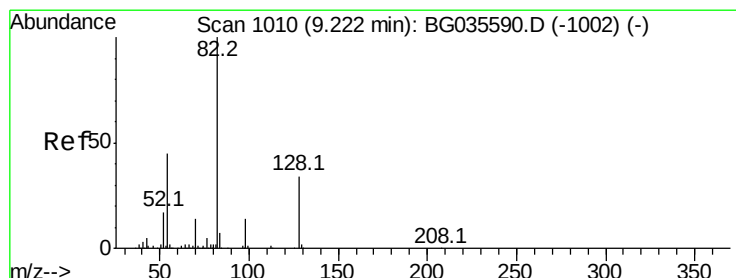
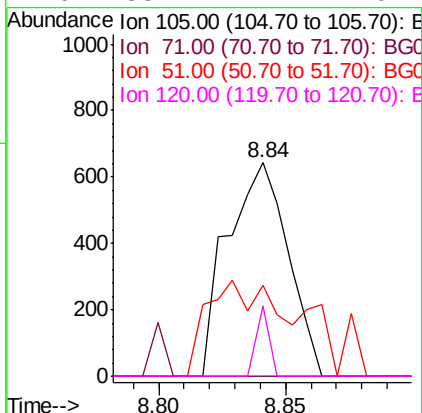
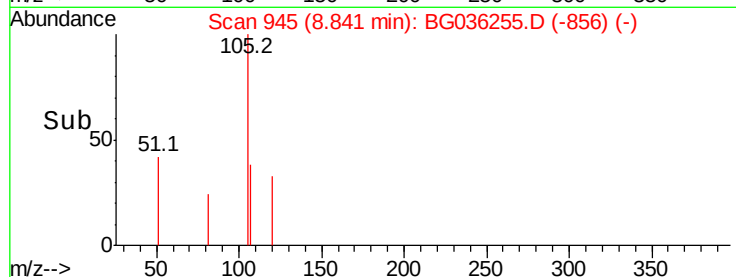
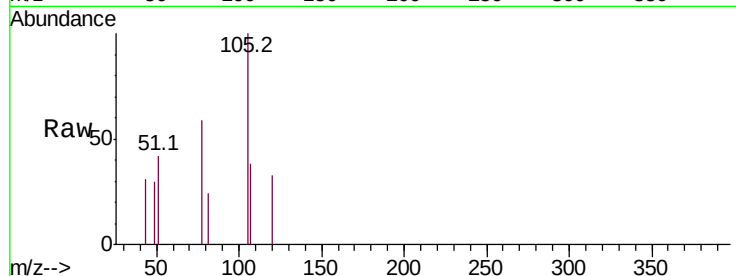
Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

Tot Ion:	105	Resp:	1071
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	42.5	26.1	39.1#
120	33.1	17.4	26.2#



#23

Nitrobenzene-d5

Concen: 2916.973 ng

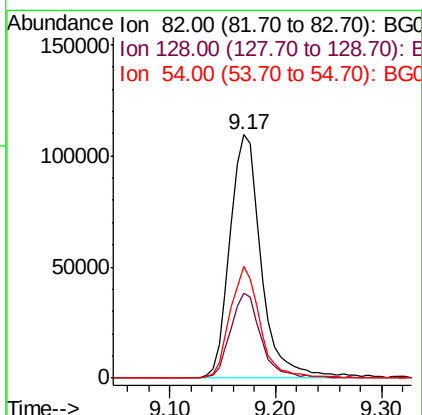
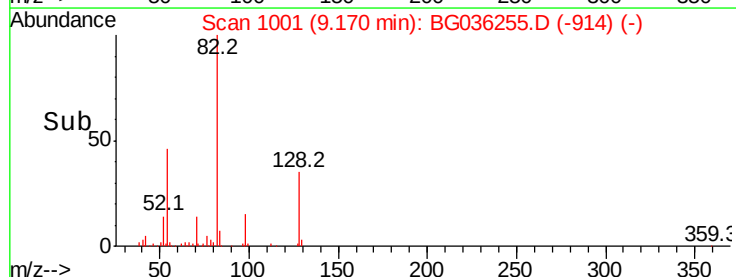
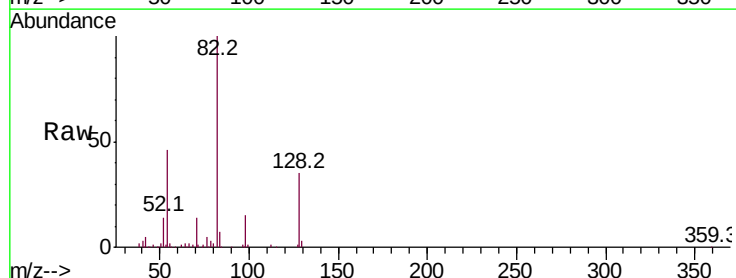
RT: 9.17 min Scan# 1001

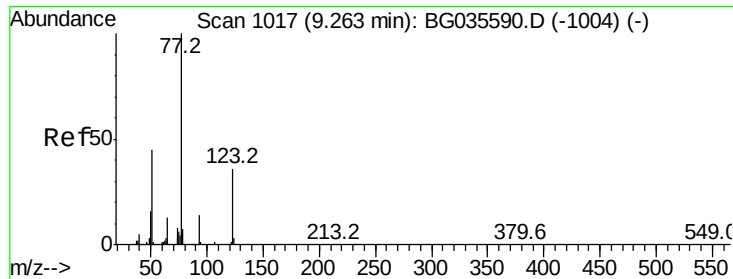
Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion:	82	Resp:	223863
Ion Ratio	Lower	Upper	
82	100		
128	34.9	29.7	44.5
54	45.9	43.1	64.7

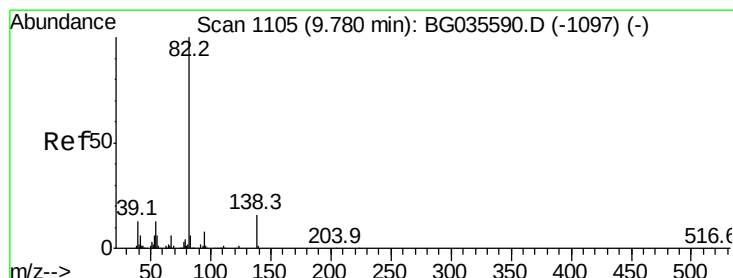
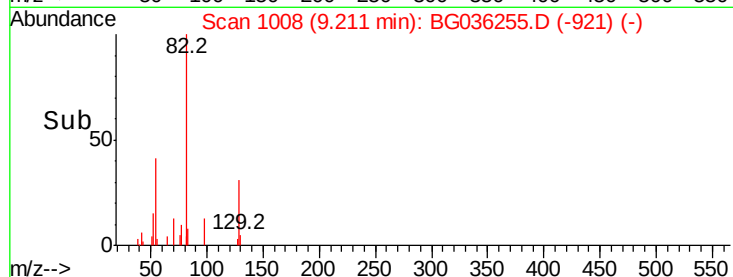
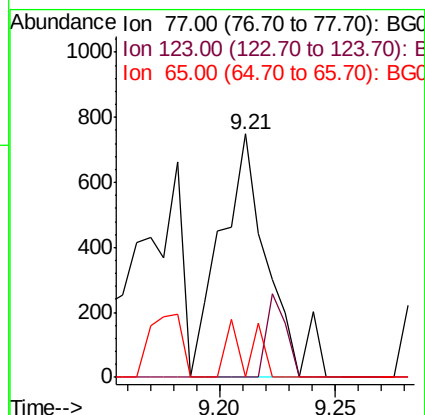
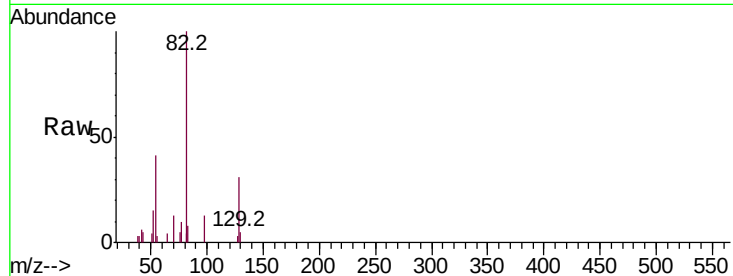




#24
Nitrobenzene
Concen: 13.876 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

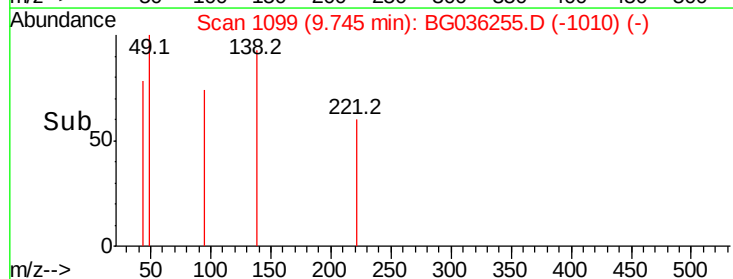
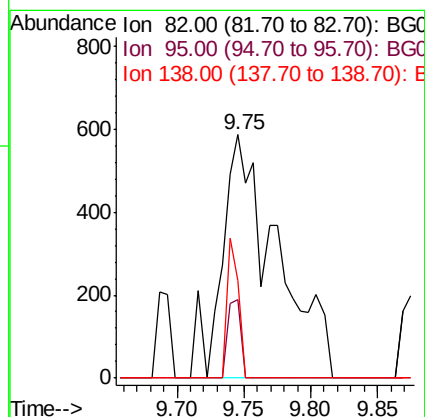
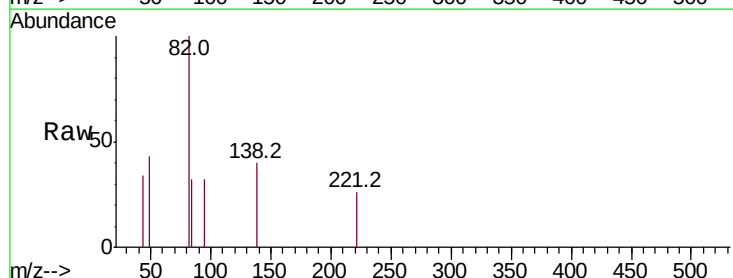
Instrument :
BNA_G
ClientSampled :

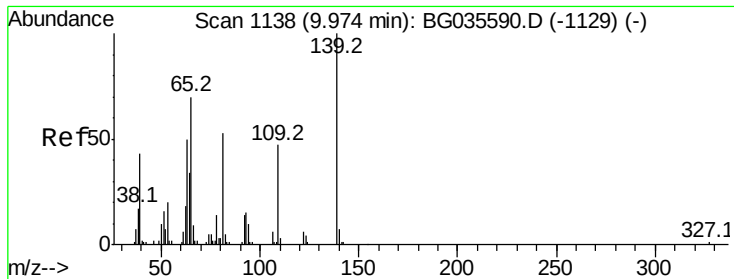
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
Isophorone
Concen: 11.792 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	32.1	6.2	9.2#
138	40.0	12.1	18.1#

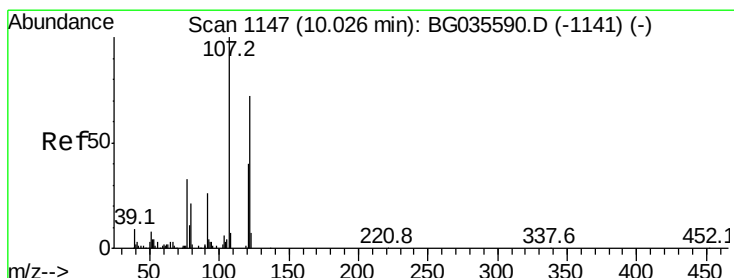
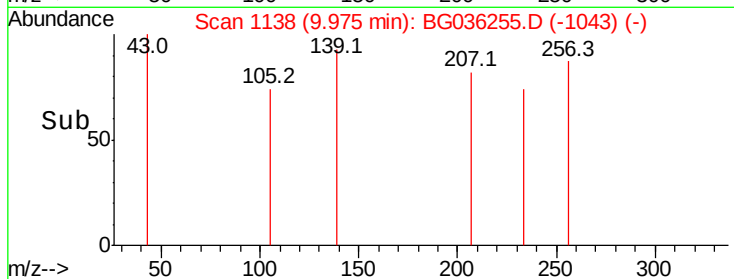
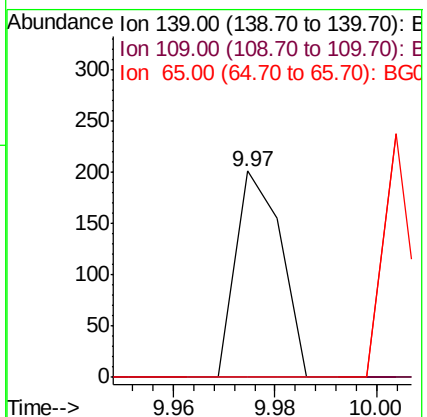
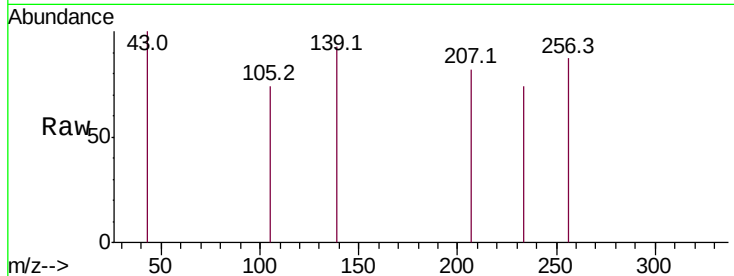




#26
2-Nitrophenol
Concen: 4.597 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.03 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

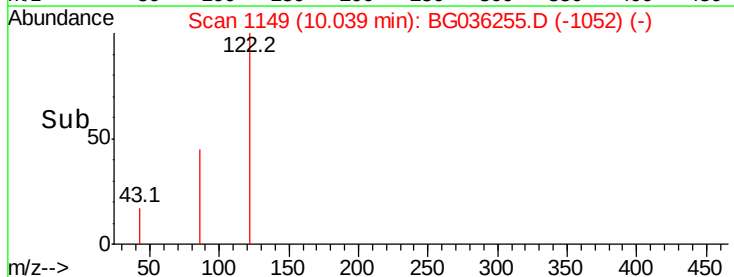
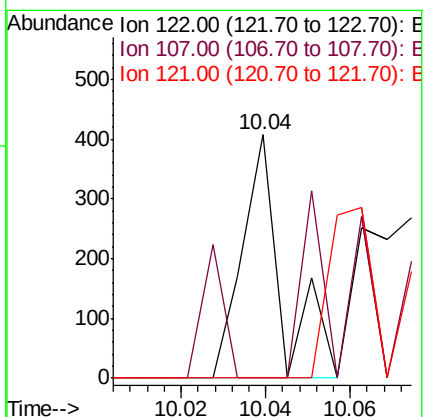
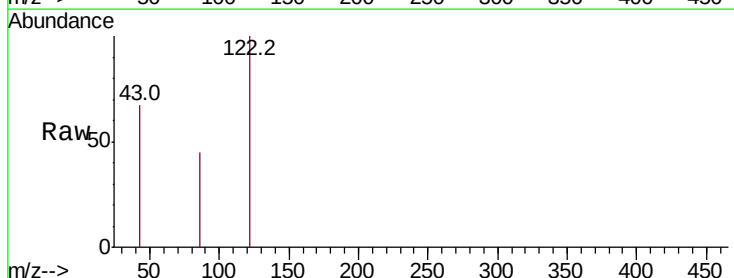
Instrument :
BNA_G
ClientSampled :

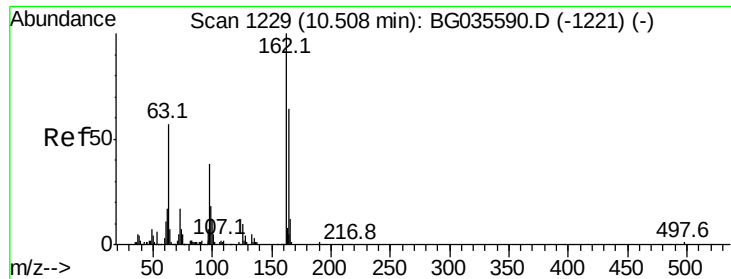
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#



#27
2,4-Dimethylphenol
Concen: 5.668 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.04 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

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





#29

2,4-Dichlorophenol

Concen: 4.796 ng

RT: 10.56 min Scan# 1238

Delta R.T. 0.08 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

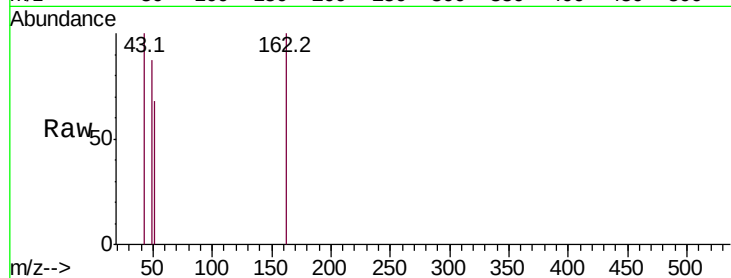
Tot Ion:162 Resp: 254

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): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

10.56

10.58

10.60

10.62

10.64

10.66

10.68

10.70

10.72

10.74

10.76

10.78

10.80

10.82

10.84

10.86

10.88

10.90

10.92

10.94

10.96

10.98

11.00

11.02

11.04

11.06

11.08

11.10

11.12

11.14

11.16

11.18

11.20

11.22

11.24

11.26

11.28

11.30

11.32

11.34

11.36

11.38

11.40

11.42

11.44

11.46

11.48

11.50

11.52

11.54

11.56

11.58

11.60

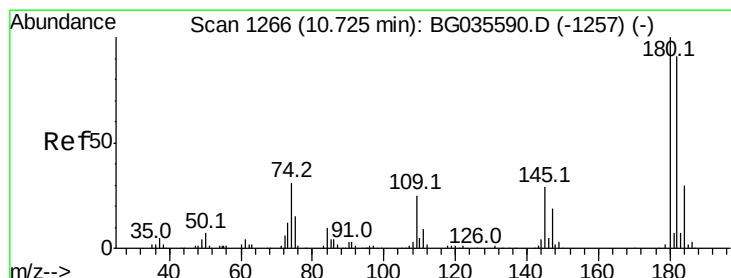
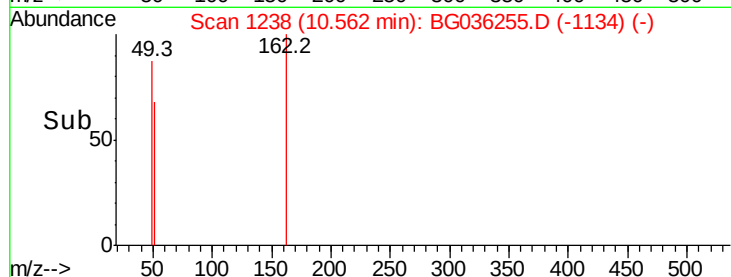
11.62

11.64

11.66

11.68

11.70



#30

1,2,4-Trichlorobenzene

Concen: 10.131 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

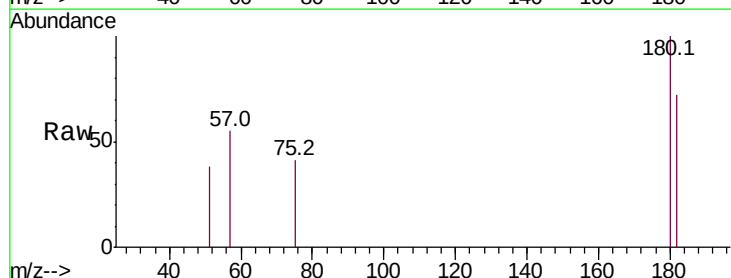
Tgt Ion:180 Resp: 658

Ion Ratio Lower Upper

180 100

182 71.9 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

10.69

10.70

10.72

10.74

10.76

10.78

10.80

10.82

10.84

10.86

10.88

10.90

10.92

10.94

10.96

10.98

11.00

11.02

11.04

11.06

11.08

11.10

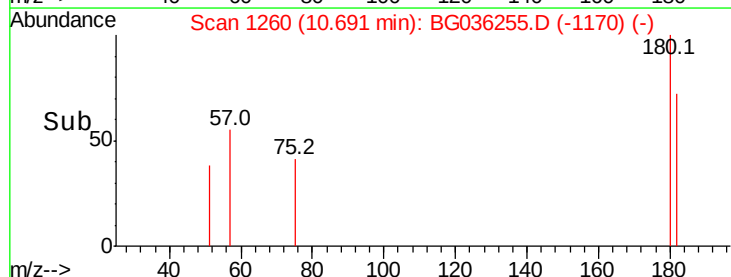
11.12

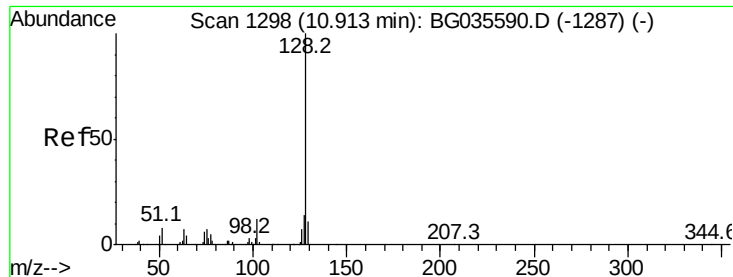
11.14

11.16

11.18

11.20

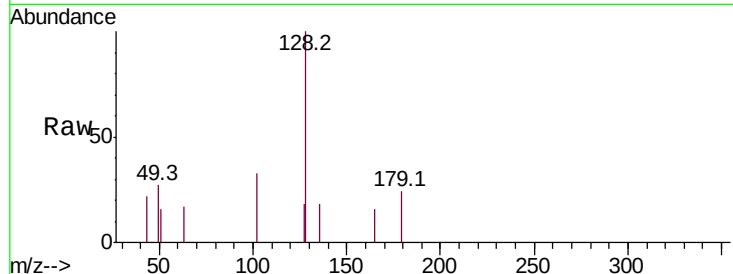




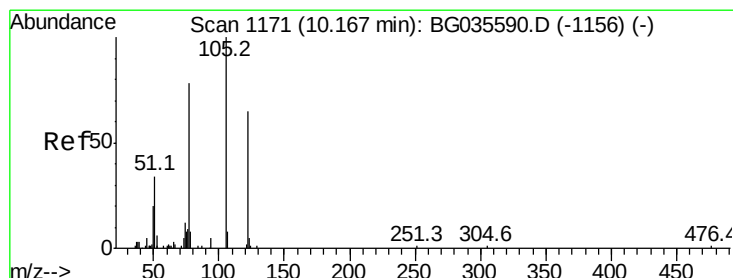
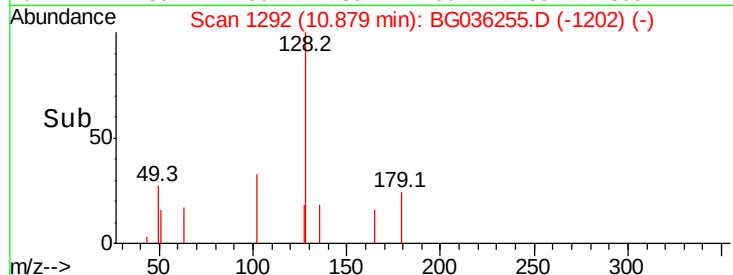
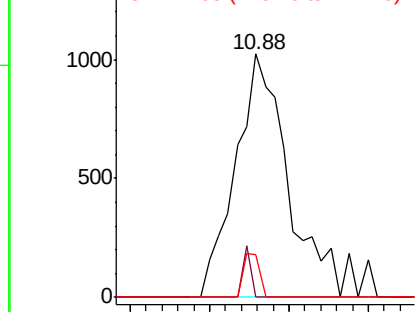
#31
Naphthalene
Concen: 14.024 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	17.6	11.6	17.4#

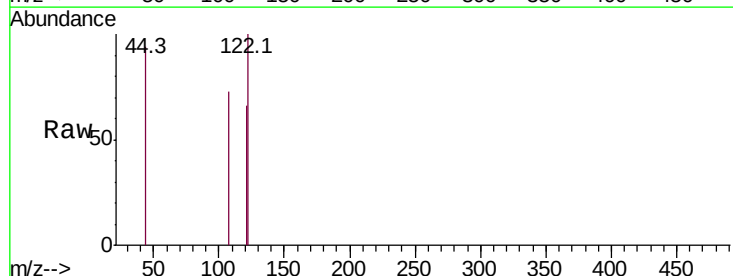


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

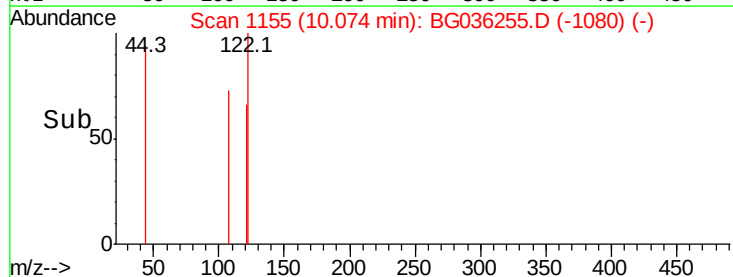
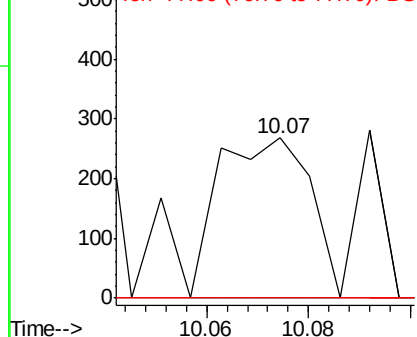


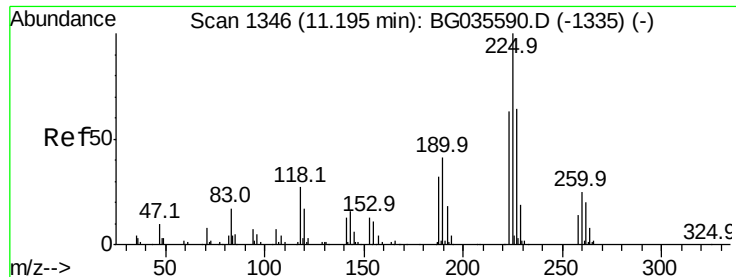
#32
Benzoic acid
Concen: 10.789 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.09 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt 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): BG





#34

Hexachlorobutadiene

Concen: 14.039 ng

RT: 11.14 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BG036255.D

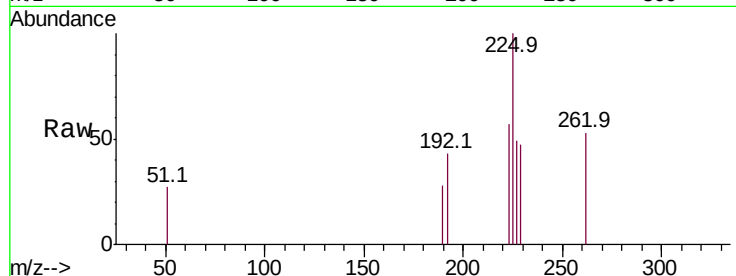
Acq: 10 Aug 2018 6:04

Instrument :

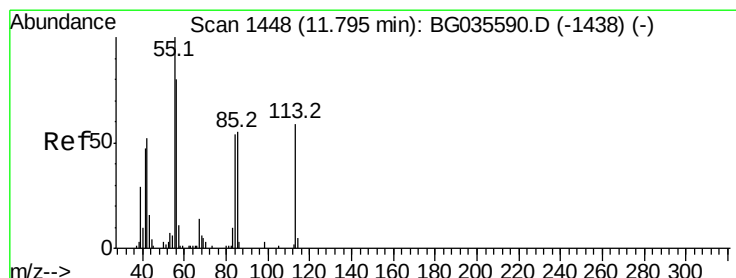
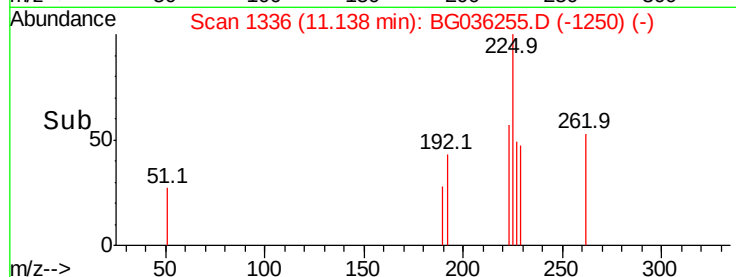
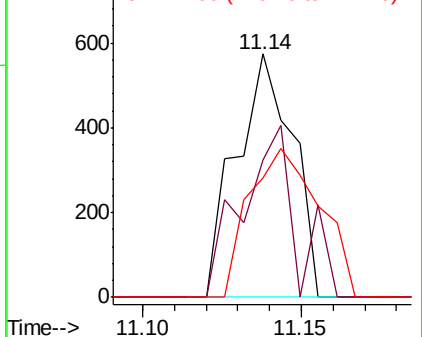
BNA_G

ClientSampleId :

Tot Ion:	225	Resp:	711
Ion	Ratio	Lower	Upper
225	100		
223	56.6	49.7	74.5
227	49.3	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: 3.520 ng

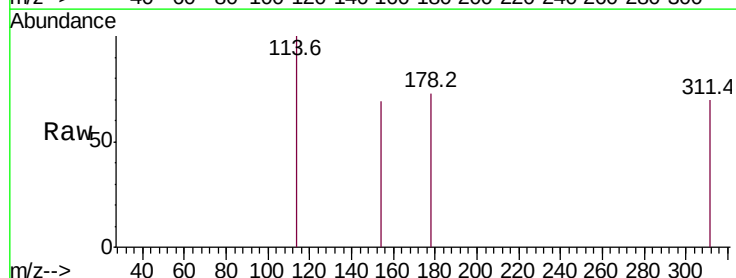
RT: 12.20 min Scan# 1517

Delta R.T. 0.43 min

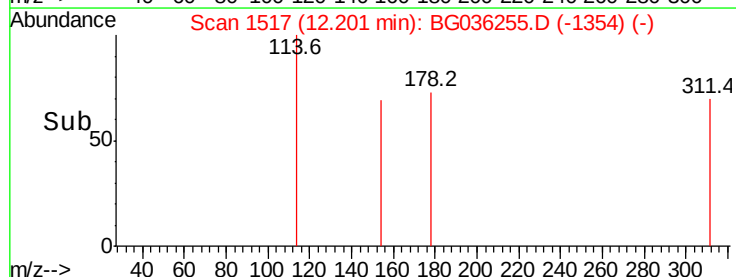
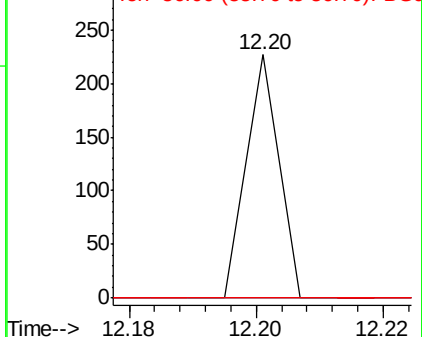
Lab File: BG036255.D

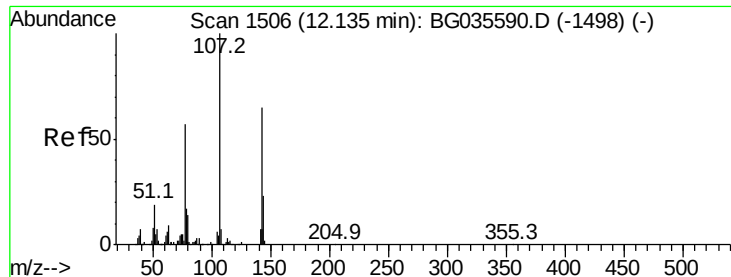
Acq: 10 Aug 2018 6:04

Tgt Ion:	113	Resp:	80
Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	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

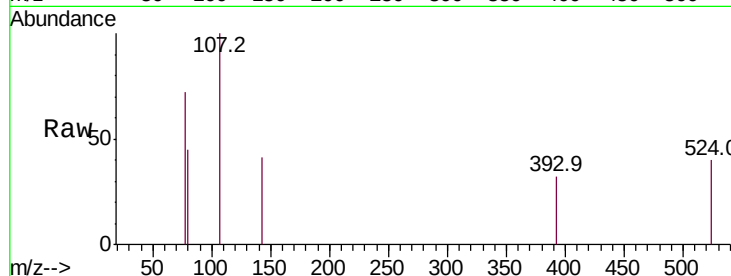




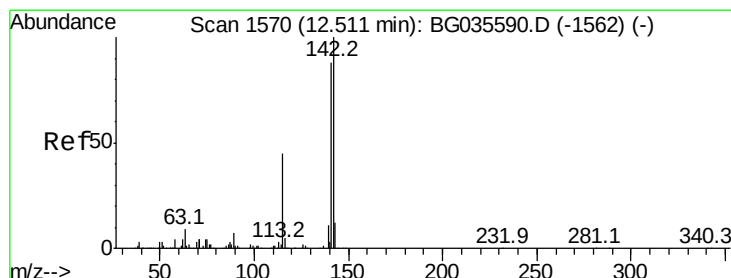
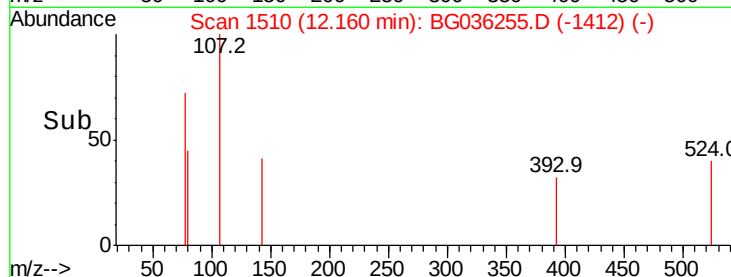
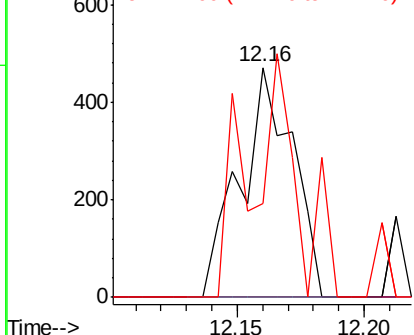
#36
4-Chloro-3-methylphenol
Concen: 9.550 ng
RT: 12.16 min Scan# 1510
Delta R.T. 0.05 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 678
Ion Ratio Lower Upper
107 100
144 0.0 18.2 27.4#
142 40.8 59.0 88.4#

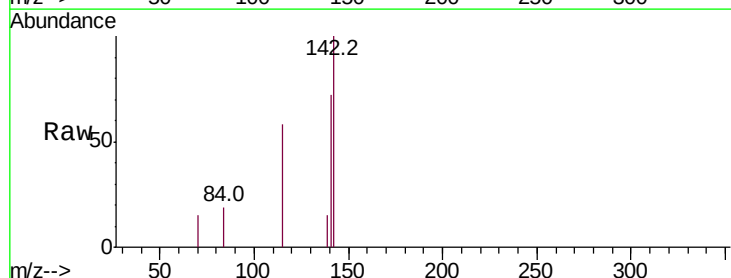


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

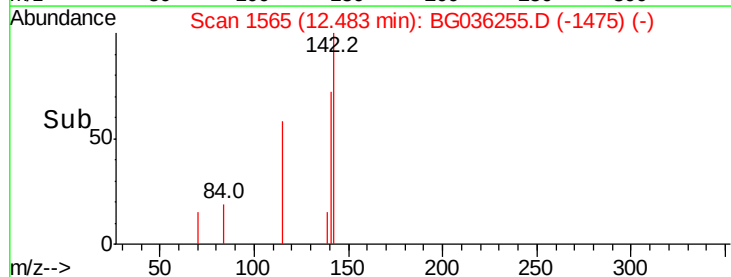
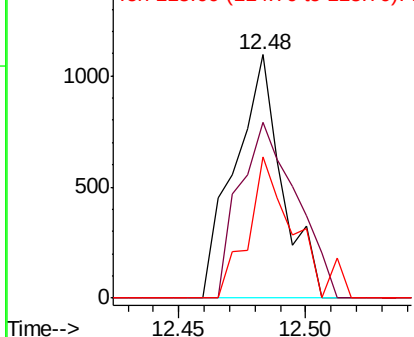


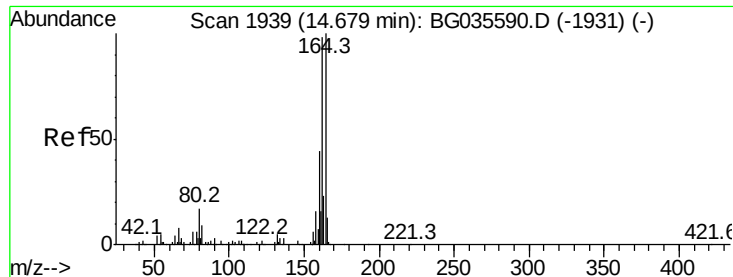
#37
2-Methylnaphthalene
Concen: 11.485 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:142 Resp: 1429
Ion Ratio Lower Upper
142 100
141 72.0 67.1 100.7
115 57.9 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: BG036255.D

Acq: 10 Aug 2018 6:04

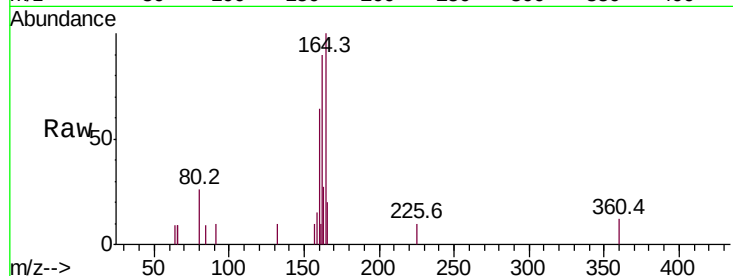
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 2976

Ion	Ratio	Lower	Upper
164	100		
162	89.7	78.8	118.2
160	63.6	35.4	53.0

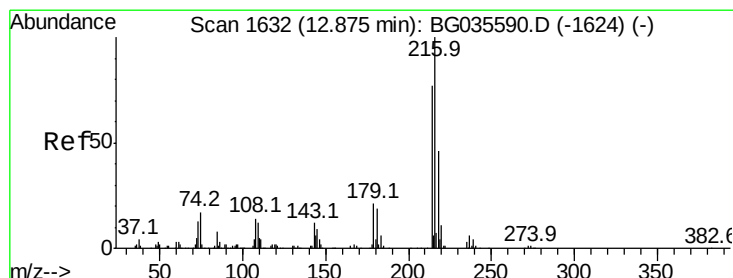
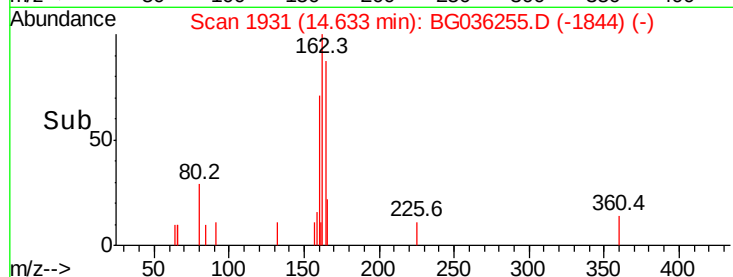
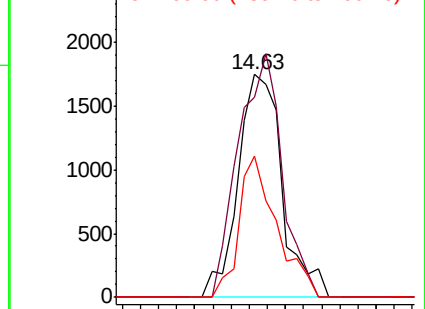


Abundance

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: 10.487 ng

RT: 12.84 min Scan# 1626

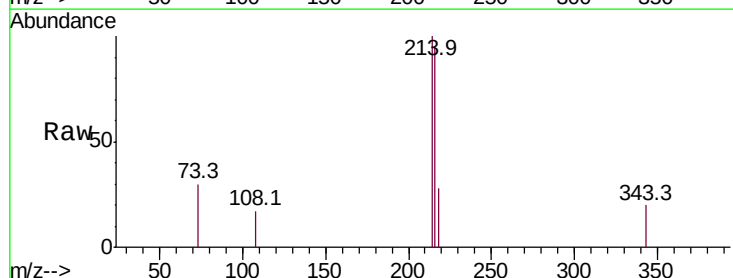
Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion:216 Resp: 1178

Ion	Ratio	Lower	Upper
216	100		
214	90.2	63.0	94.4
179	5.2	17.0	25.6
108	4.8	12.8	19.2



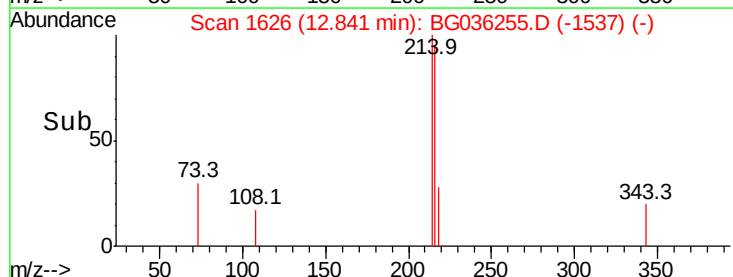
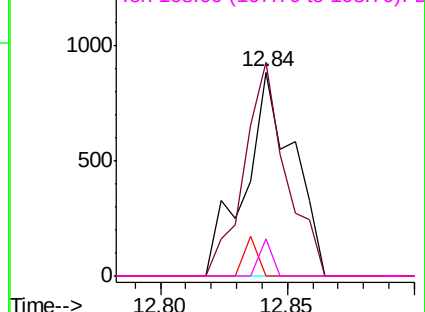
Abundance

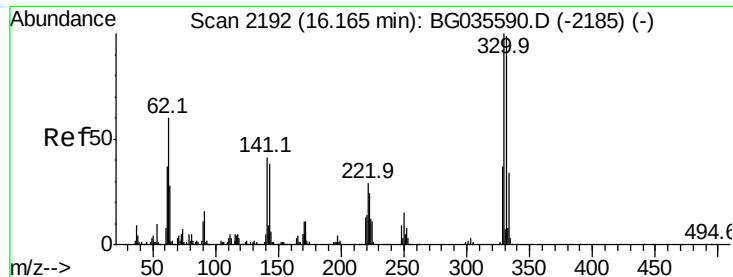
Ion 216.00 (215.70 to 216.70): E

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

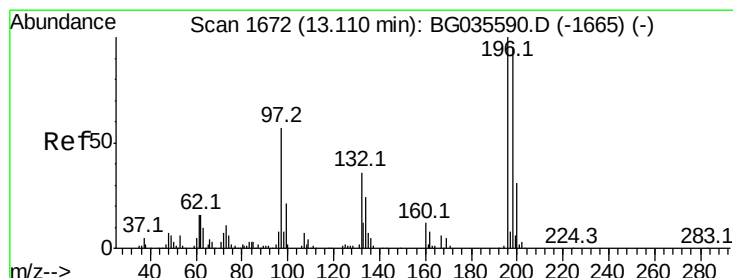
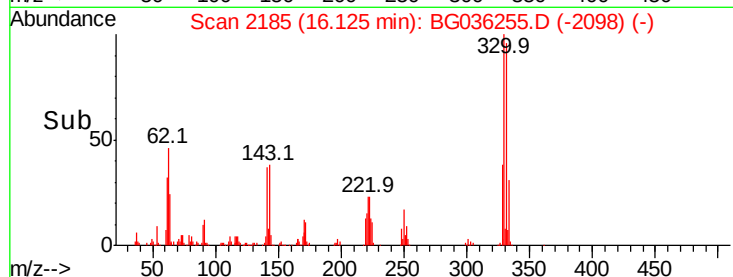
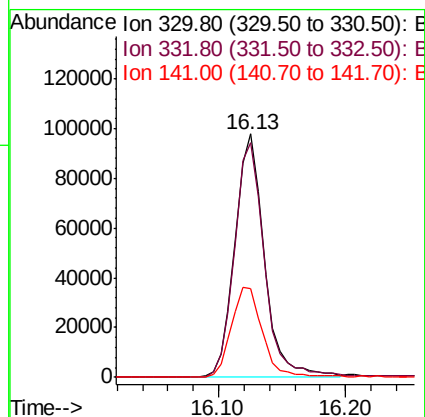
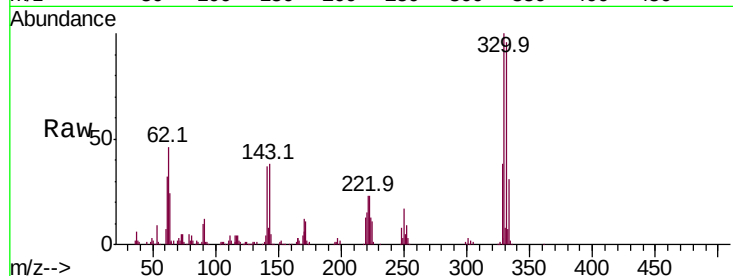




#41
 2,4,6-Tribromophenol
 Concen: 4003.967 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

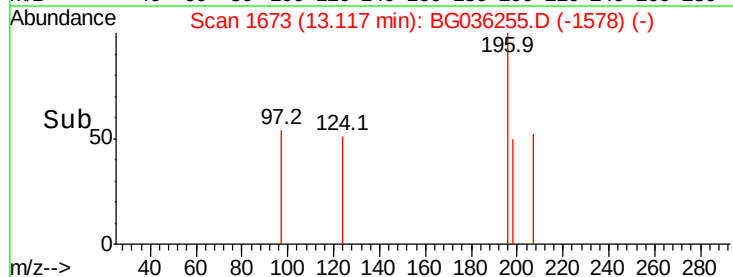
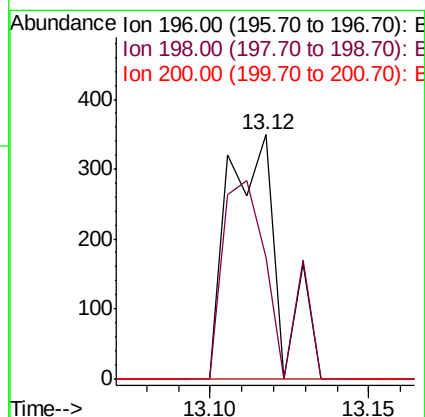
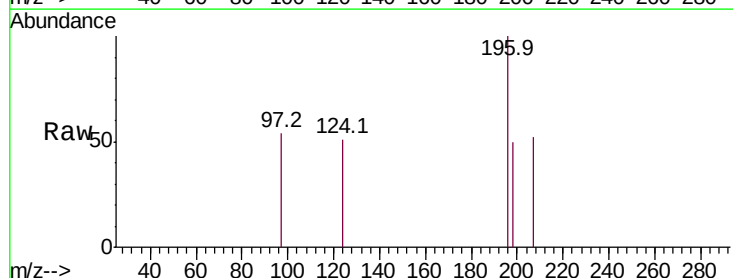
Instrument :
 BNA_G
 ClientSampleId :

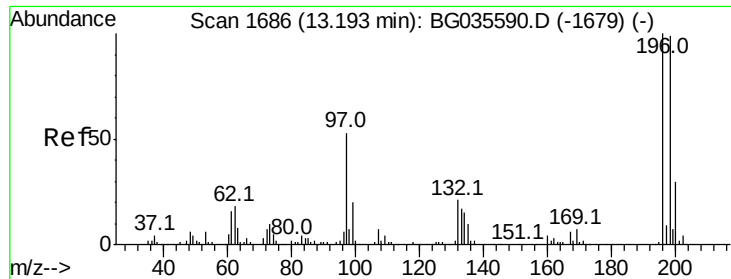
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	39.5	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 5.861 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.03 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	49.9	78.2	117.2#
200	0.0	24.6	36.8#

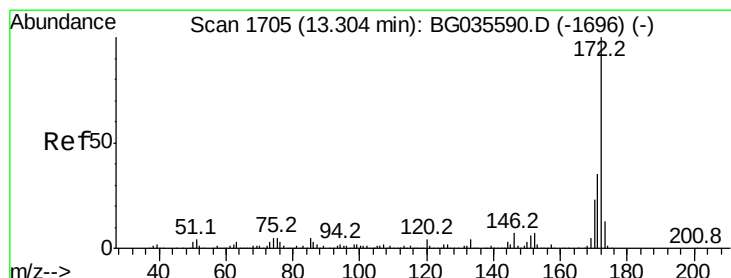
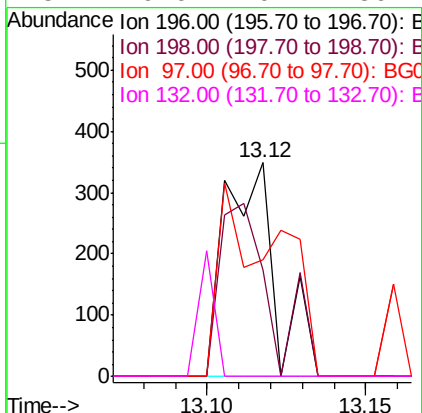
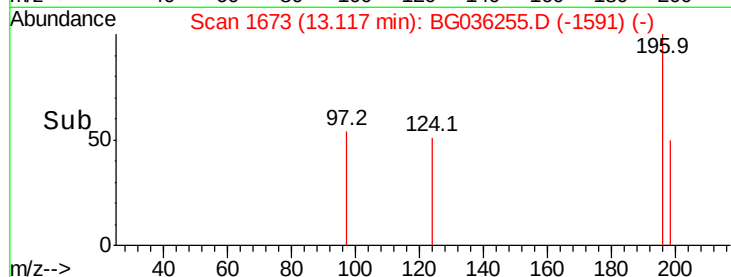
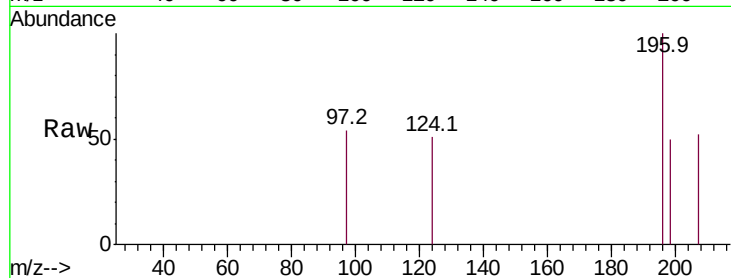




#43
 2,4,5-Trichlorophenol
 Concen: 5.239 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

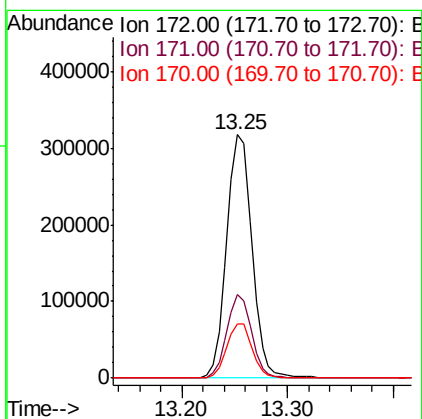
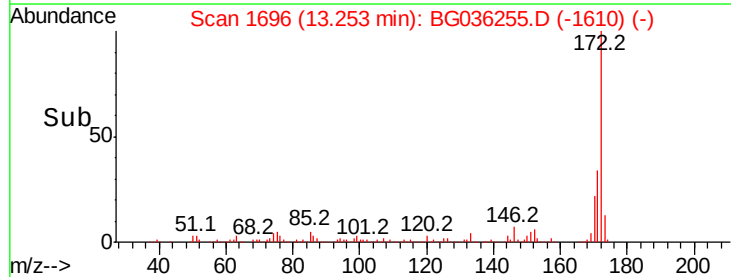
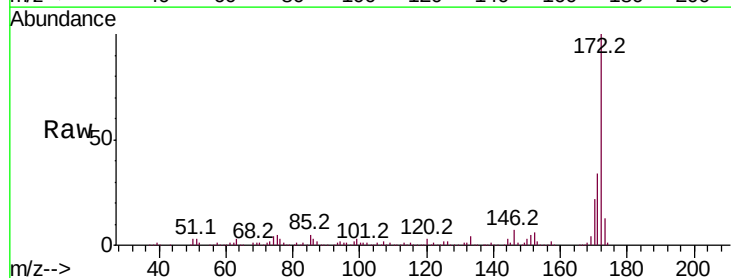
Instrument :
 BNA_G
 ClientSampled :

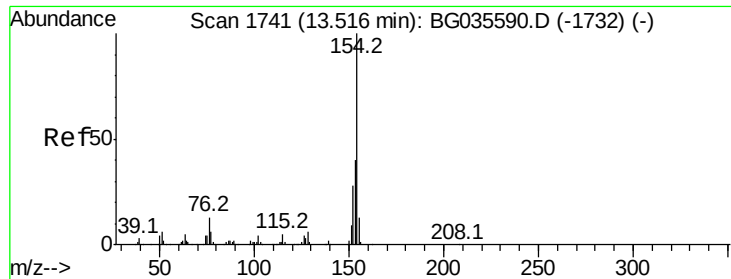
Tot Ion:	196	Resp:	385
Ion	Ratio	Lower	Upper
196	100		
198	49.9	76.2	114.4#
97	54.4	38.7	58.1
132	0.0	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 2374.529 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Tgt Ion:	172	Resp:	527460
Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.1	19.5	29.3

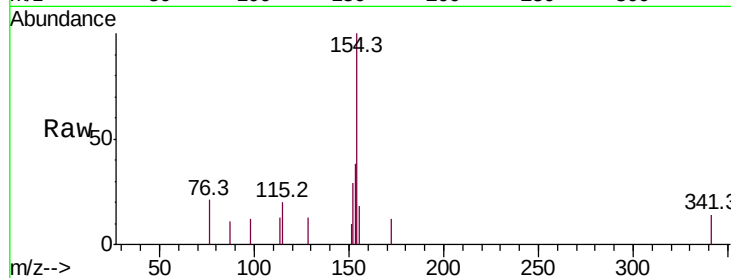




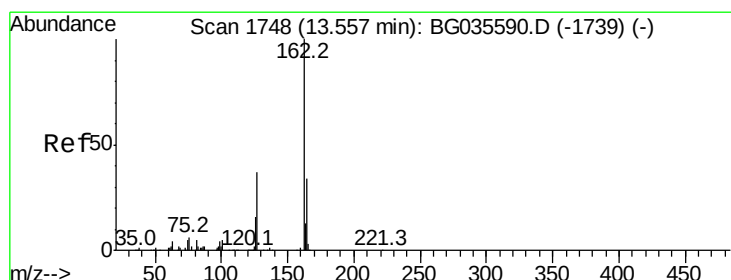
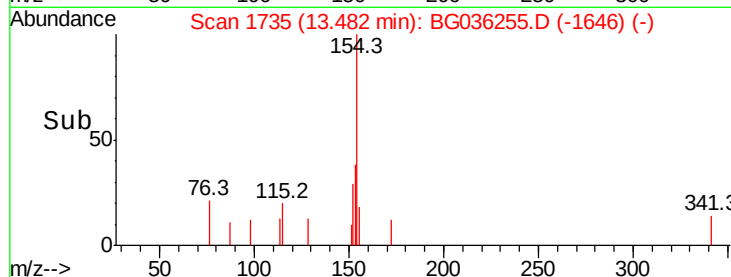
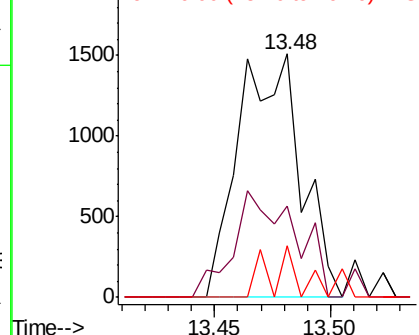
#45
 1,1'-Biphenyl
 Concen: 12.339 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	154	Resp:	2847
Ion	Ratio	Lower	Upper
154	100		
153	37.6	19.8	59.8
76	21.3	0.0	31.9

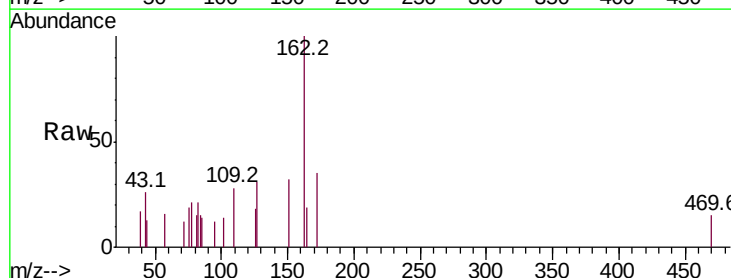


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

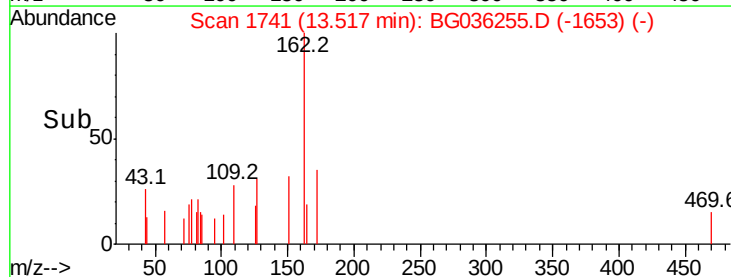
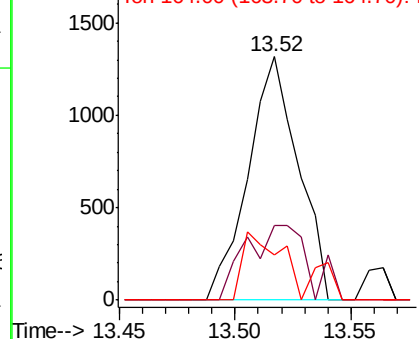


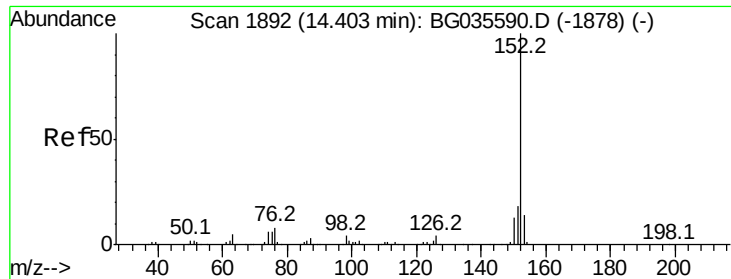
#46
 2-Chloronaphthalene
 Concen: 11.094 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Tgt Ion:	162	Resp:	1991
Ion	Ratio	Lower	Upper
162	100		
127	30.6	30.7	46.1#
164	18.8	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





#48

Acenaphthylene

Concen: 11.206 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

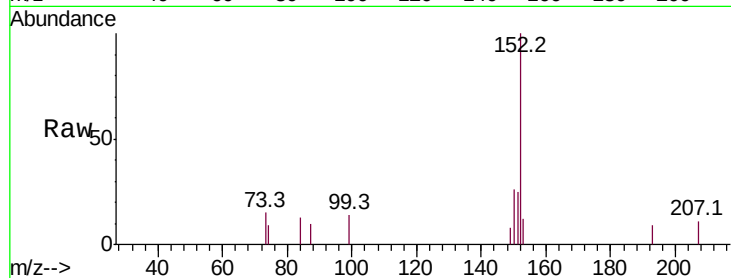
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 3369

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.2	25.8
153	12.5	10.2	15.4

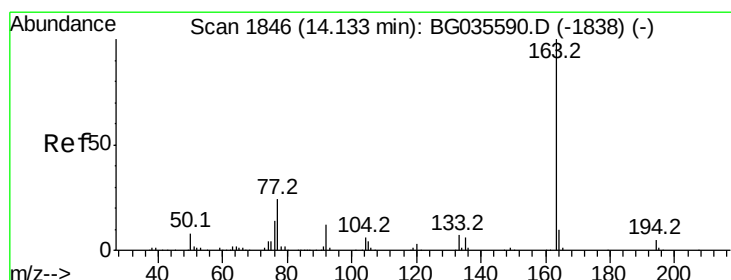
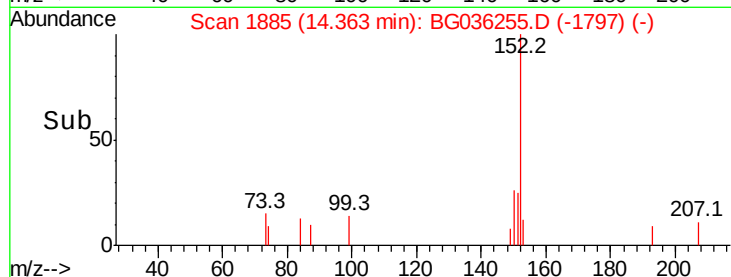
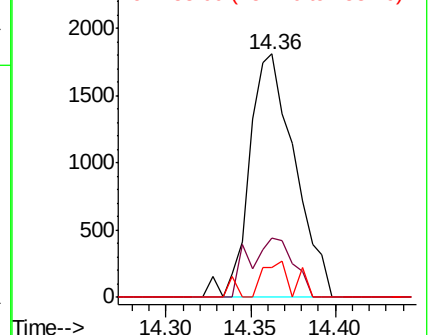


Abundance

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: 333.426 ng

RT: 14.09 min Scan# 1838

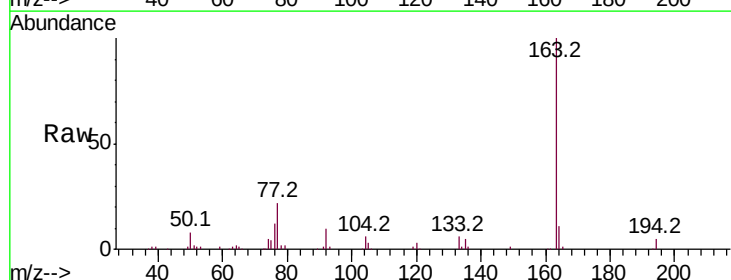
Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion:163 Resp: 86938

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.9	8.2	12.4

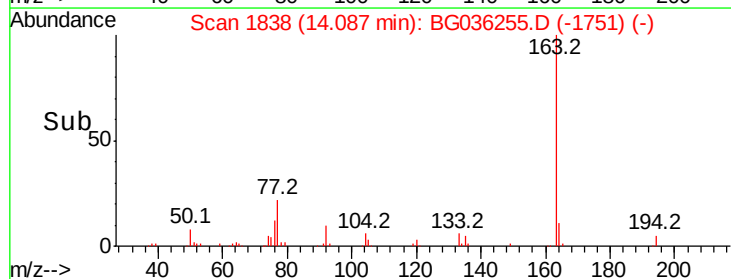
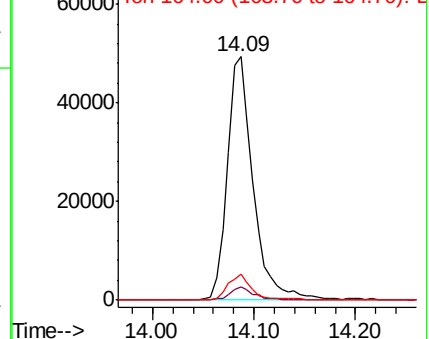


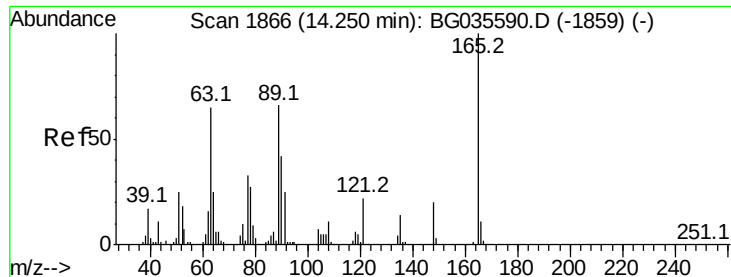
Abundance

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

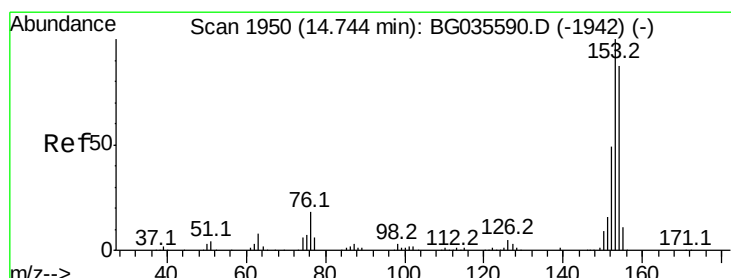
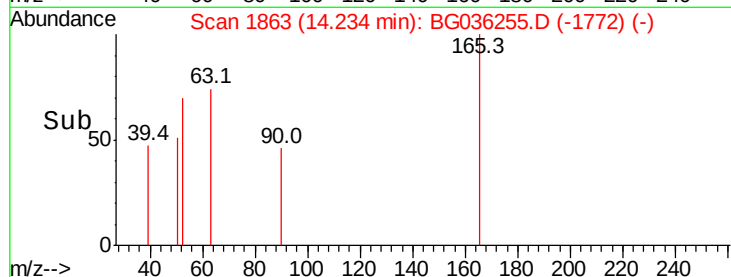
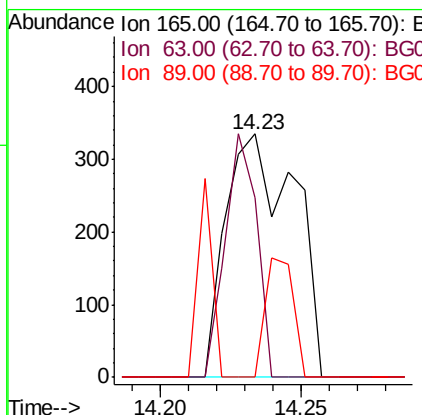
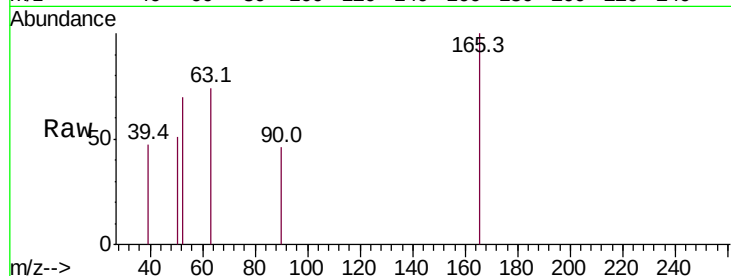




#50
2,6-Dinitrotoluene
Concen: 10.622 ng
RT: 14.23 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

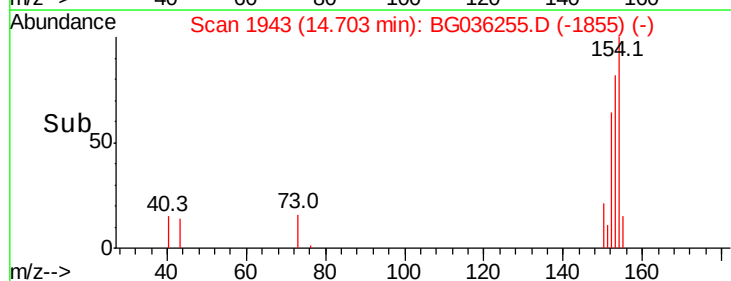
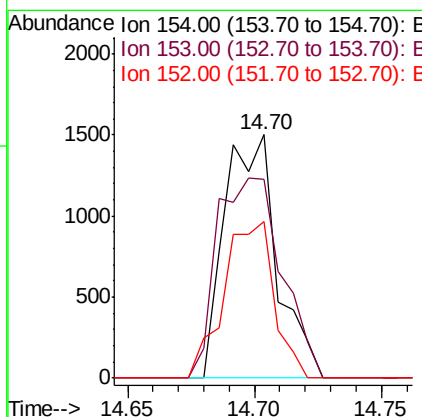
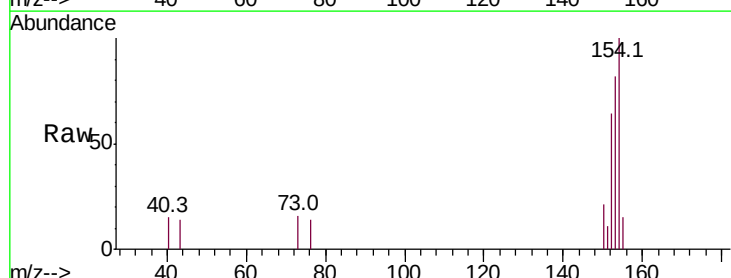
Instrument :
BNA_G
ClientSampleId :

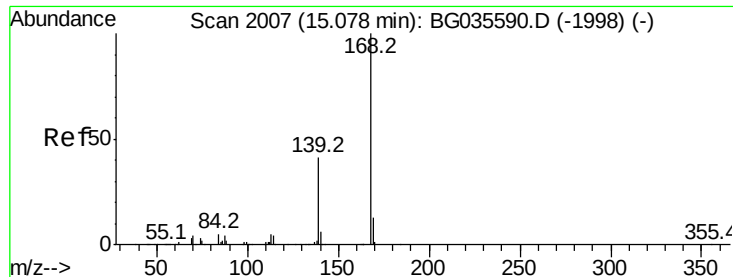
Tot Ion:165 Resp: 564
Ion Ratio Lower Upper
165 100
63 74.0 52.7 79.1
89 0.0 49.2 73.8#



#51
Acenaphthene
Concen: 11.507 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:154 Resp: 2155
Ion Ratio Lower Upper
154 100
153 81.8 90.4 135.6#
152 64.2 41.6 62.4#





#54

Dibenzofuran

Concen: 12.171 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

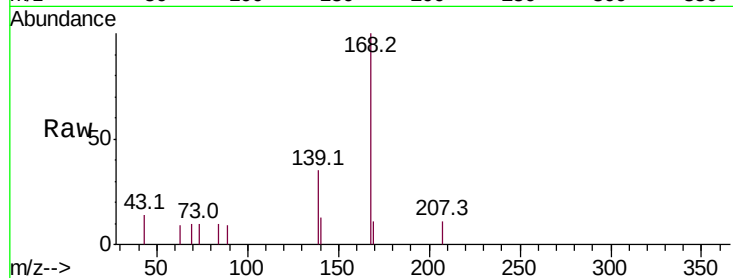
Tot Ion:168 Resp: 3625

Ion Ratio Lower Upper

168 100

139 35.1 28.6 43.0

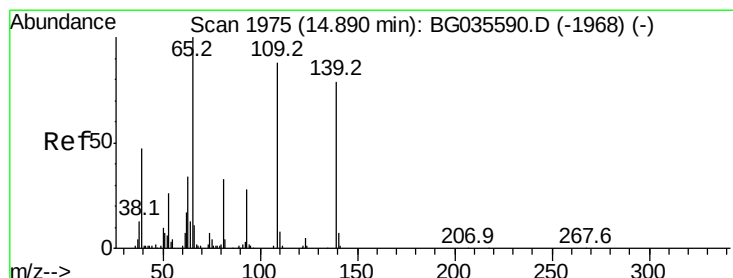
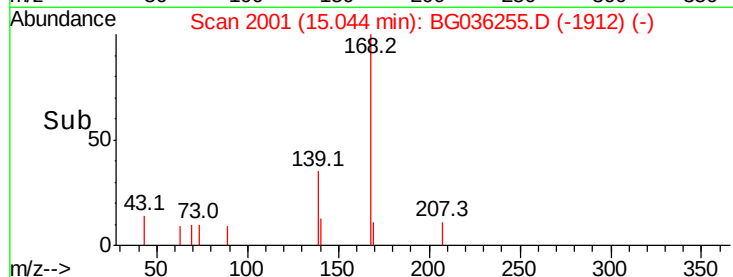
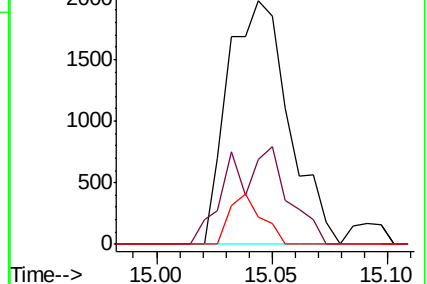
169 11.4 11.2 16.8



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: 36.198 ng

RT: 15.05 min Scan# 2002

Delta R.T. 0.18 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

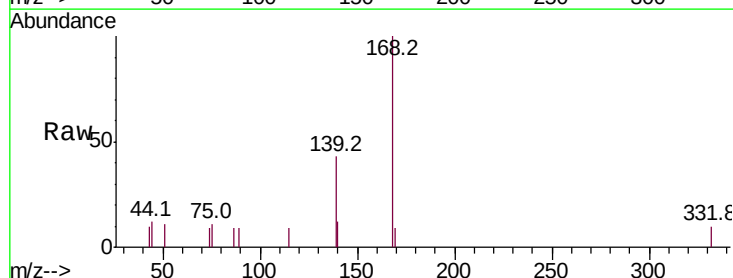
Tgt Ion:139 Resp: 1399

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

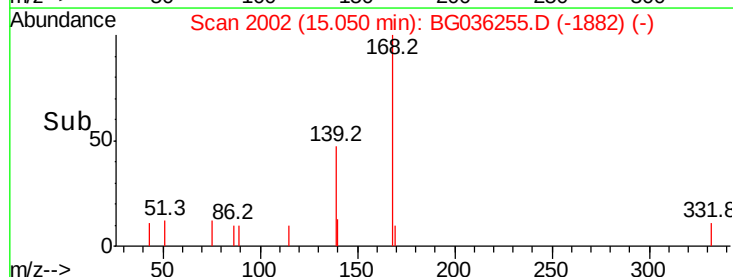
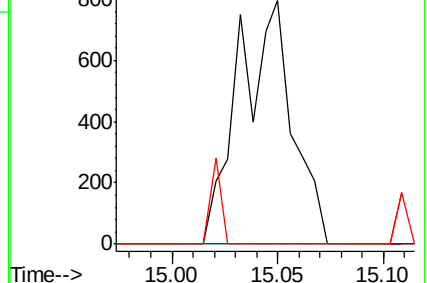
65 0.0 97.2 137.2#

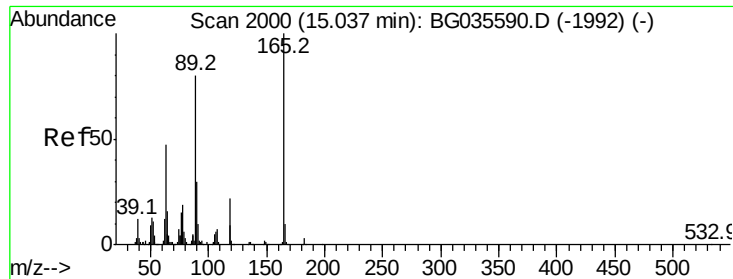


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

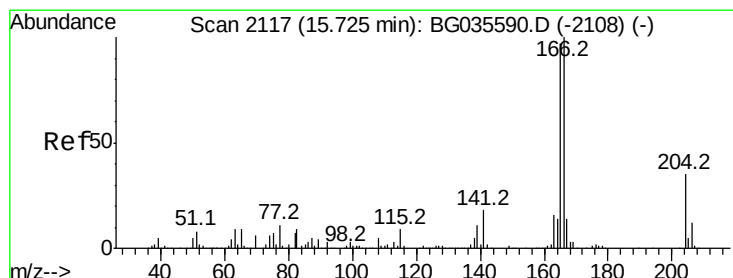
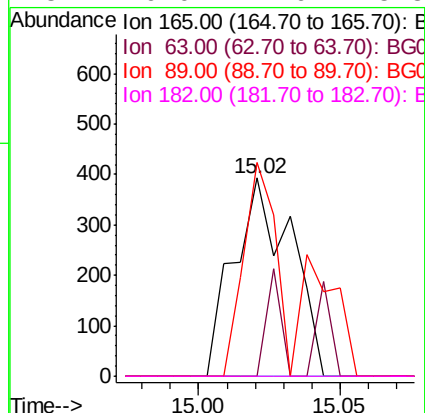
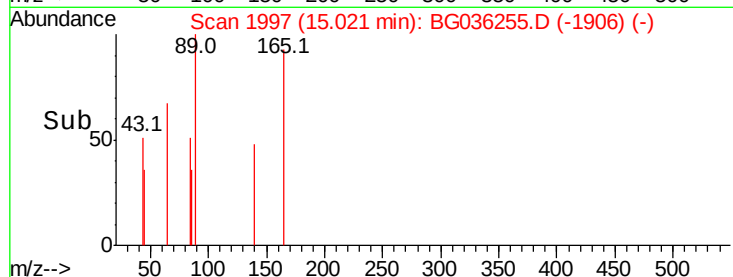
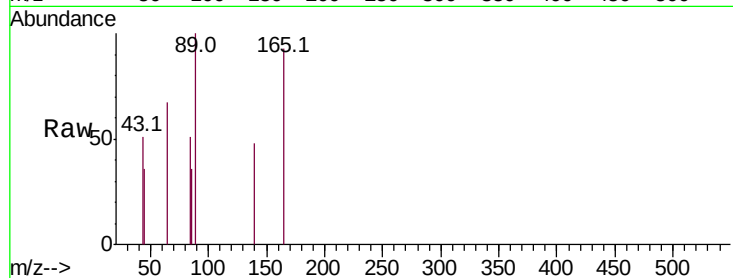




#56
2,4-Dinitrotoluene
Concen: 7.273 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

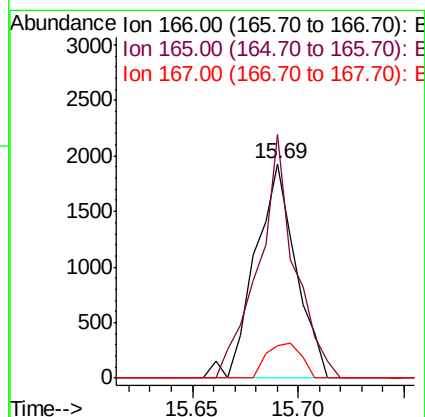
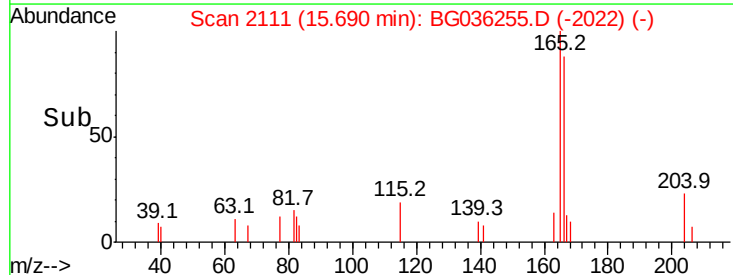
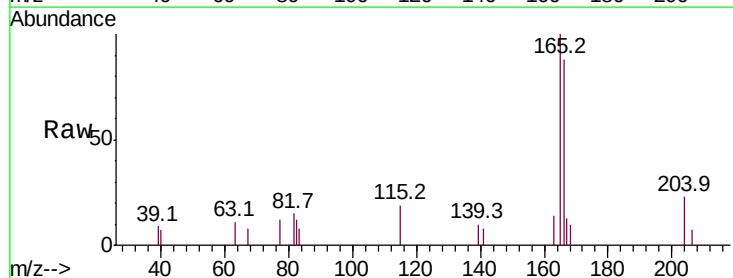
Instrument :
BNA_G
ClientSampleId :

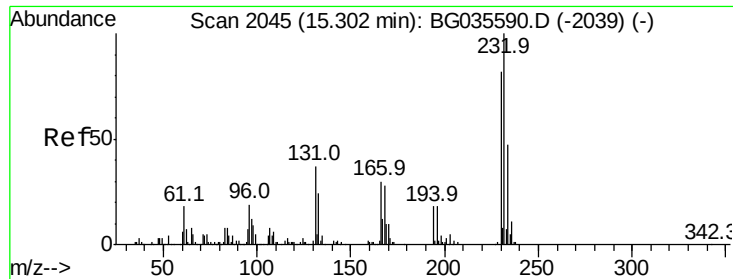
Tot Ion:165 Resp: 554
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 107.9 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 10.339 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:166 Resp: 2581
Ion Ratio Lower Upper
166 100
165 113.6 80.6 121.0
167 15.0 10.4 15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 10.673 ng

RT: 15.29 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 752

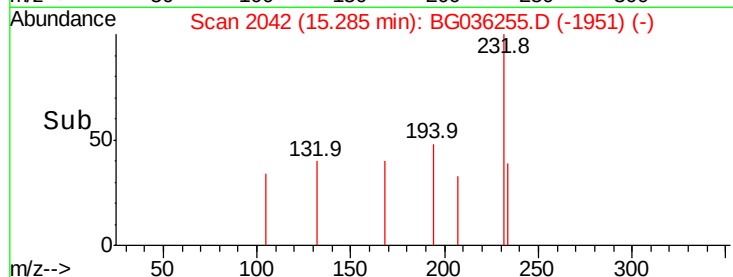
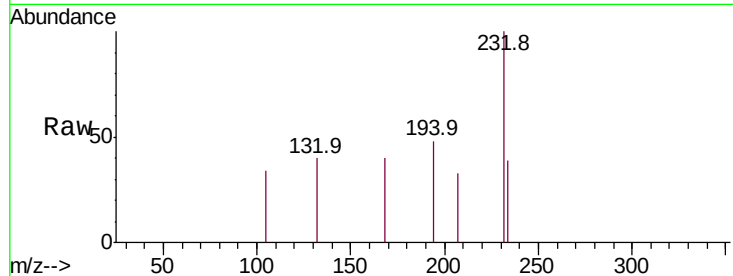
Ion Ratio Lower Upper

232 100

131 12.0 33.5 50.3#

130 0.0 2.2 3.2#

166 0.0 24.8 37.2#

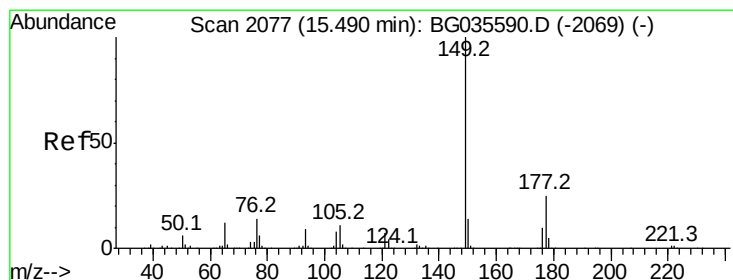
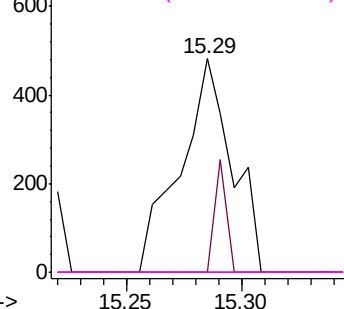


Abundance Ion 232.00 (231.70 to 232.70): E

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



#59

Diethylphthalate

Concen: 12.767 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

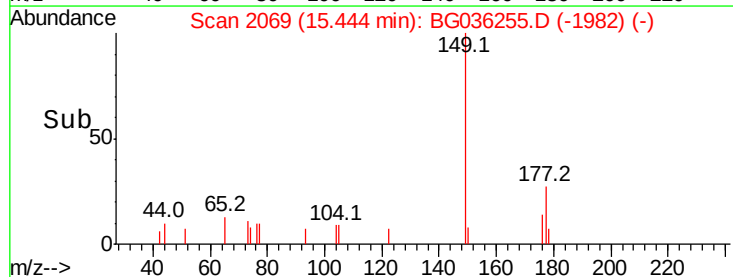
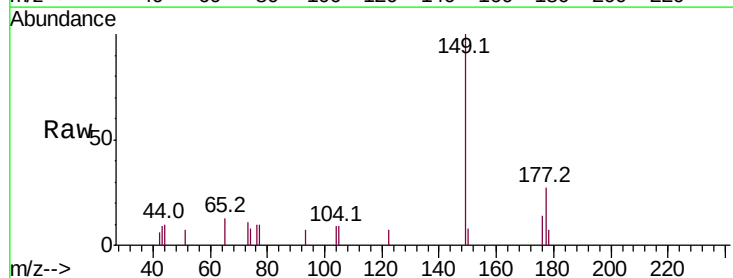
Tgt Ion:149 Resp: 3423

Ion Ratio Lower Upper

149 100

177 27.4 18.5 27.7

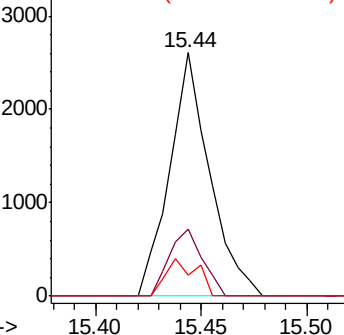
150 8.4 10.2 15.2#

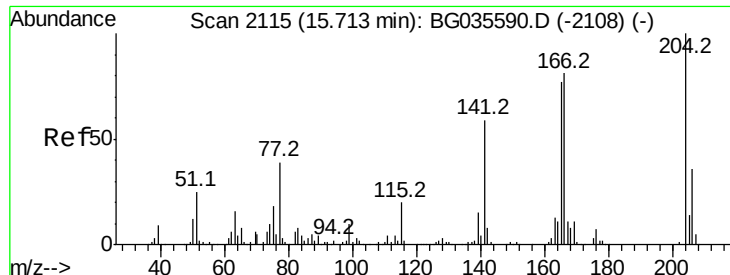


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

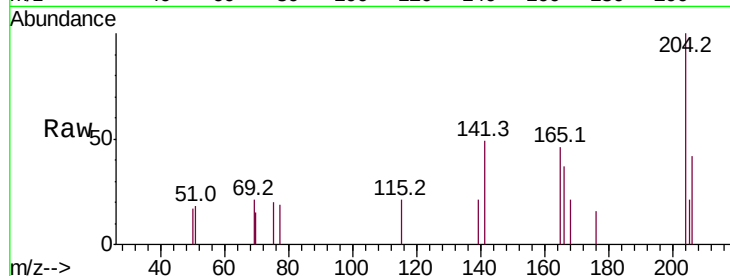




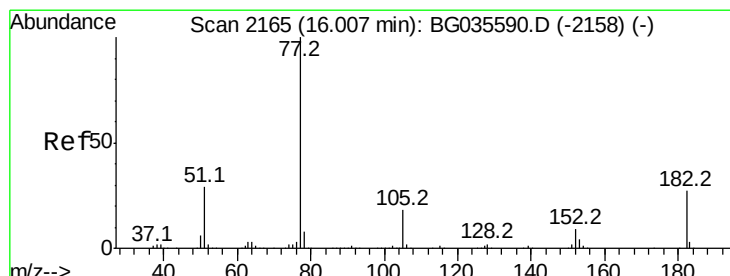
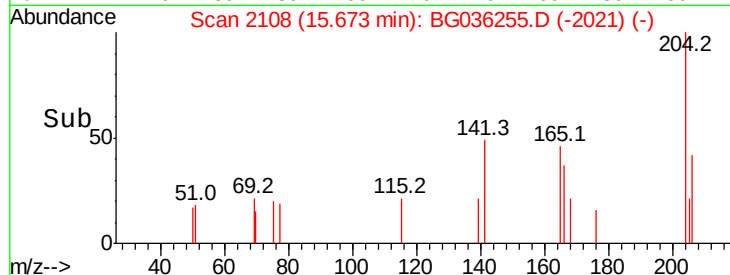
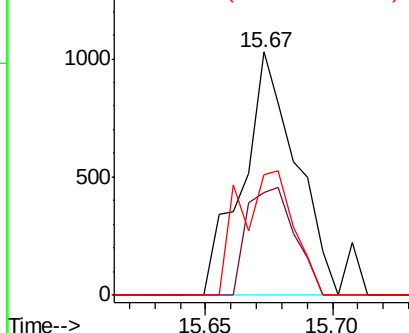
#60
 4-Chlorophenyl-phenylether
 Concen: 10.326 ng
 RT: 15.67 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 204 Resp: 1515
 Ion Ratio Lower Upper
 204 100
 206 42.0 26.2 39.2#
 141 49.4 45.8 68.6

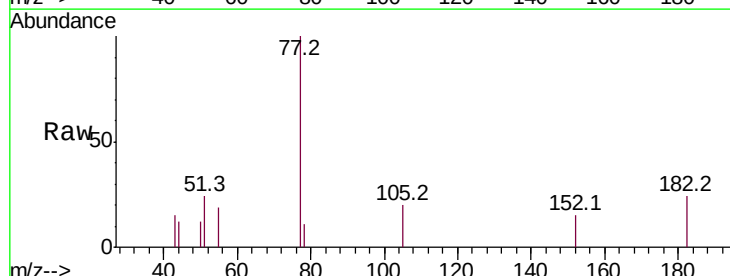


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

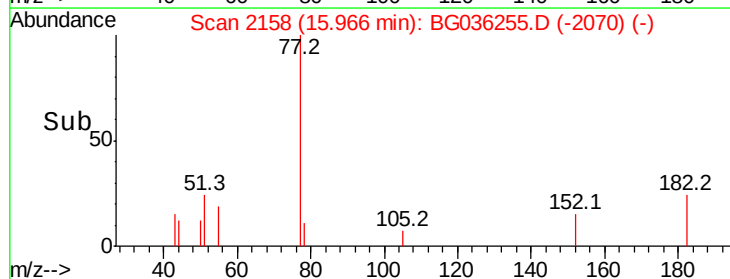
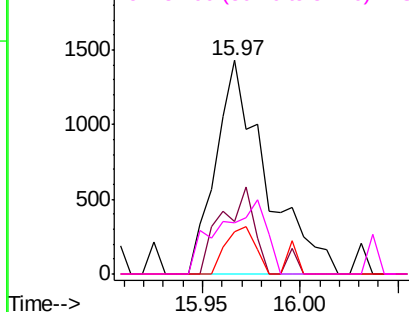


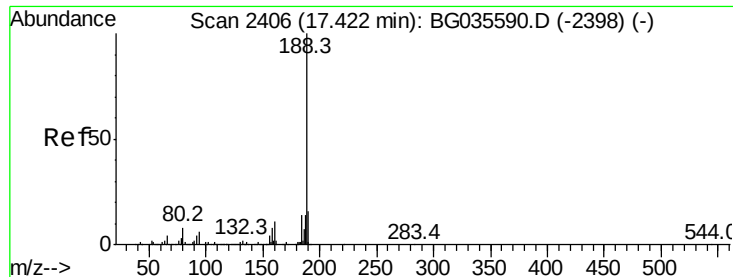
#62
 Azobenzene
 Concen: 9.635 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Tgt Ion: 77 Resp: 2548
 Ion Ratio Lower Upper
 77 100
 182 24.3 7.4 47.4
 105 19.9 0.3 40.3
 51 24.2 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 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): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

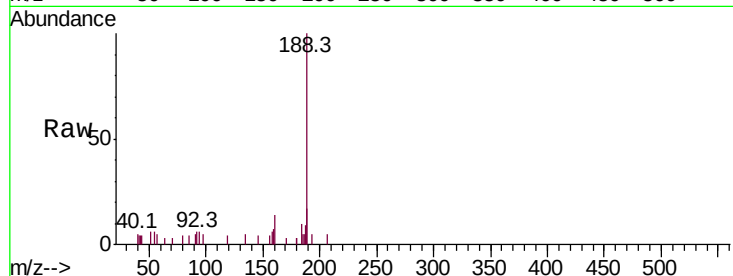
Tot Ion:188 Resp: 7940

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

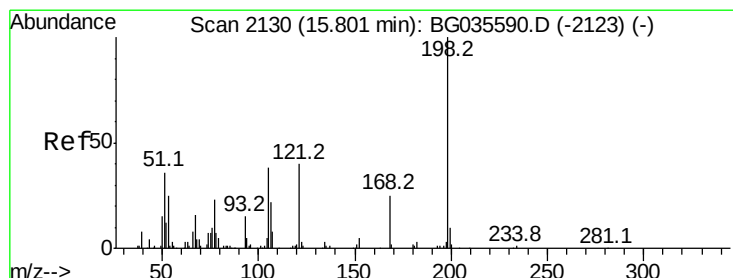
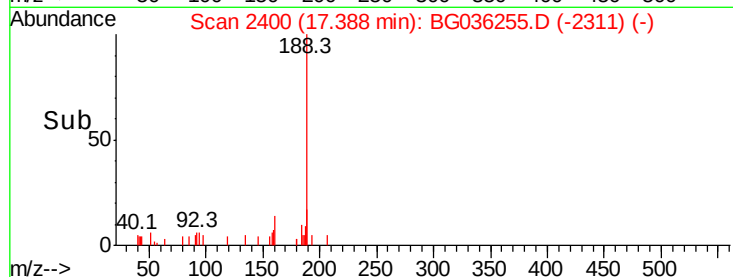
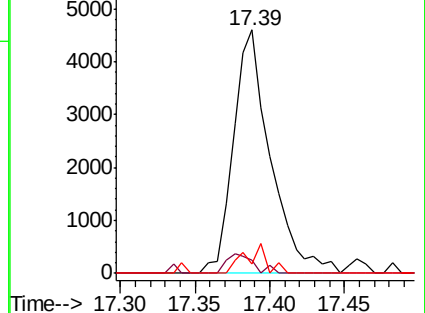
80 3.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG036255.D (-2398) (-)

Ion 80.00 (79.70 to 80.70): BG036255.D (-2398) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 12.444 ng

RT: 16.13 min Scan# 2186

Delta R.T. 0.35 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

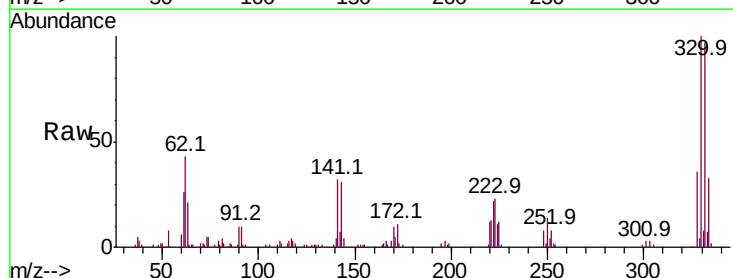
Tgt Ion:198 Resp: 550

Ion Ratio Lower Upper

198 100

51 48.4 30.6 70.6

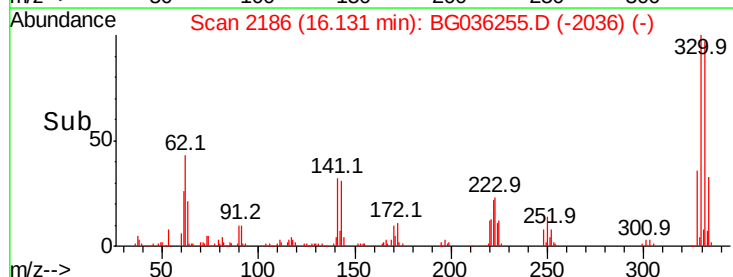
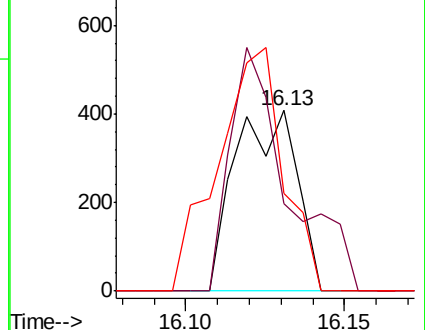
105 54.1 23.8 63.8

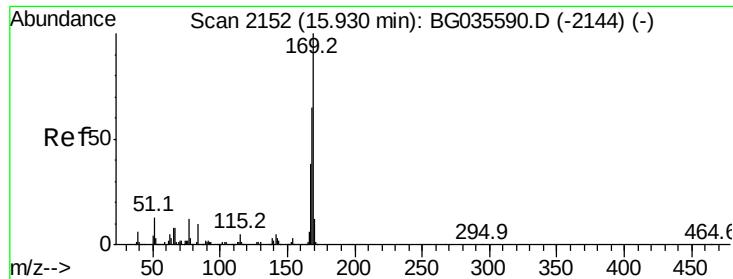


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG035590.D (-2123) (-)

Ion 105.00 (104.70 to 105.70): BG035590.D (-2123) (-)





#65

n-Nitrosodiphenylamine

Concen: 9.261 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

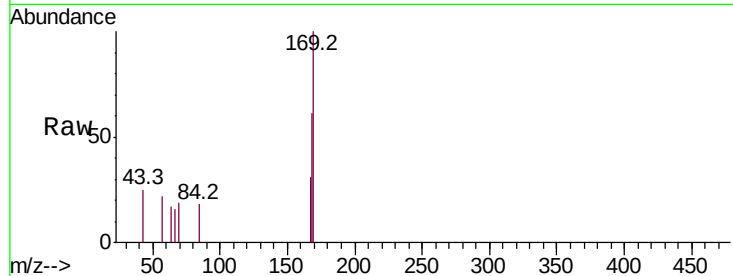
Tot Ion:169 Resp: 2093

Ion Ratio Lower Upper

169 100

168 61.0 55.7 83.5

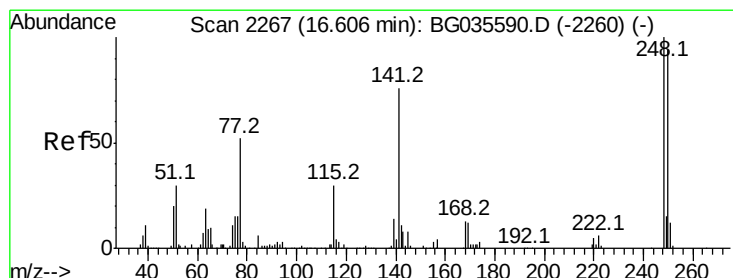
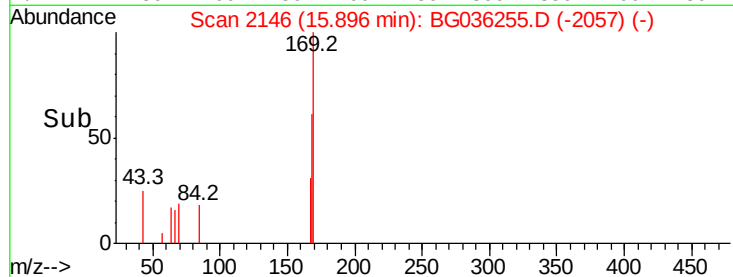
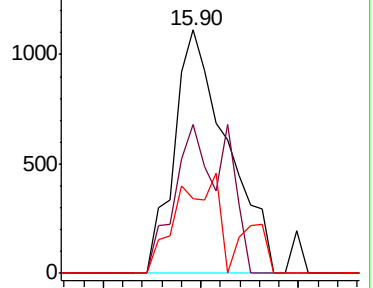
167 30.7 30.1 45.1



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: 11.474 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

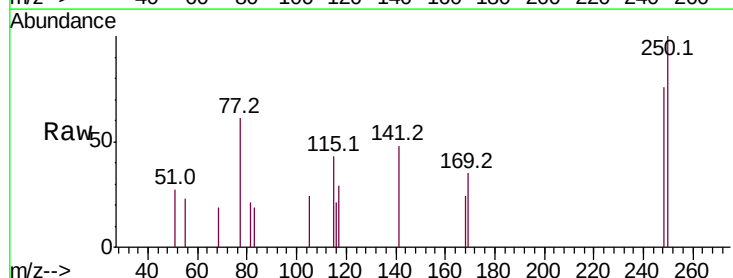
Tgt Ion:248 Resp: 1057

Ion Ratio Lower Upper

248 100

250 130.8 77.1 115.7#

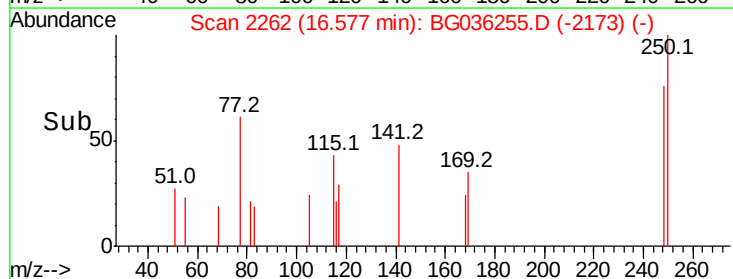
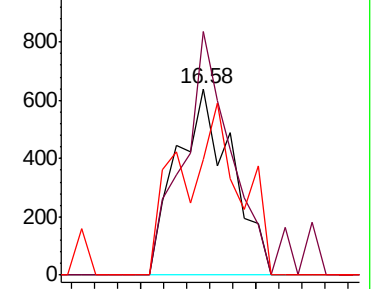
141 62.4 50.8 76.2

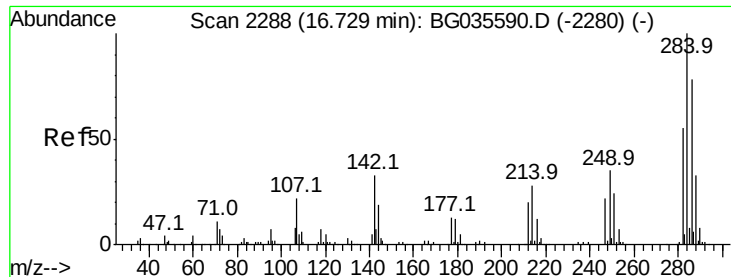


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 11.353 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

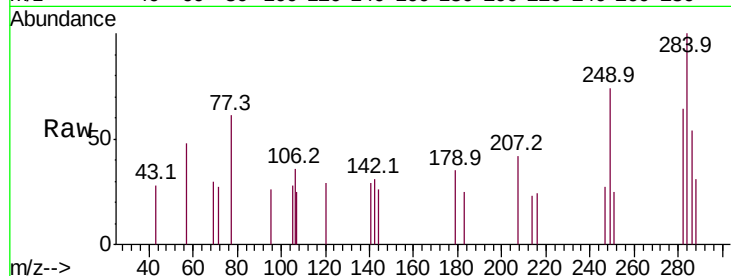
Tot Ion:284 Resp: 1077

Ion Ratio Lower Upper

284 100

142 31.2 26.8 40.2

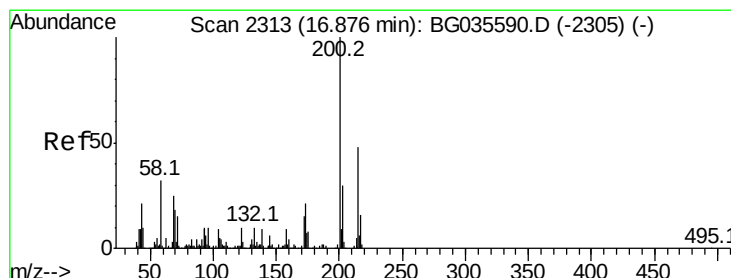
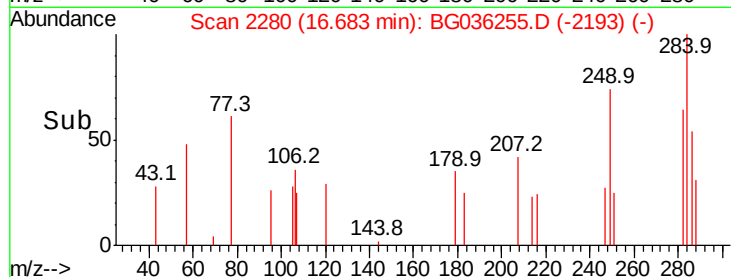
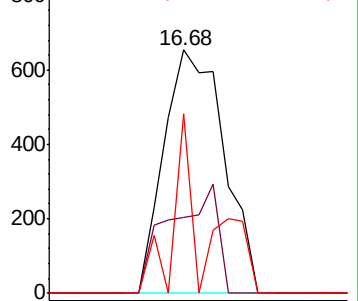
249 73.7 26.3 39.5#



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: 10.500 ng

RT: 16.84 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

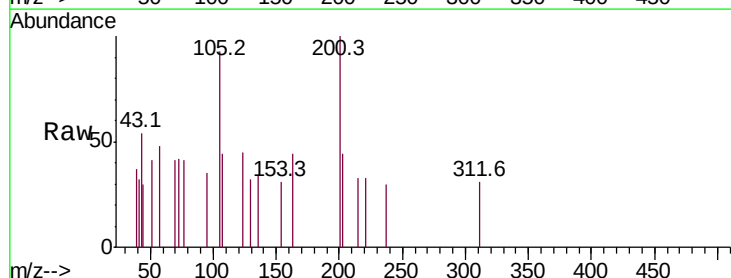
Tgt Ion:200 Resp: 977

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

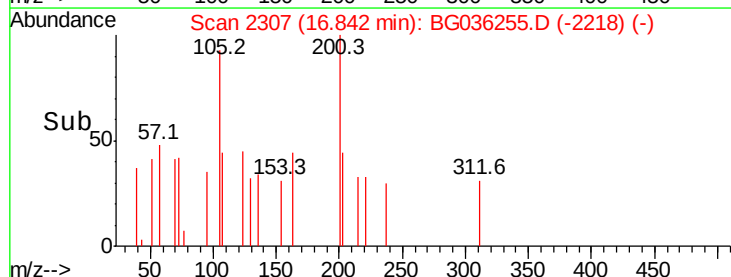
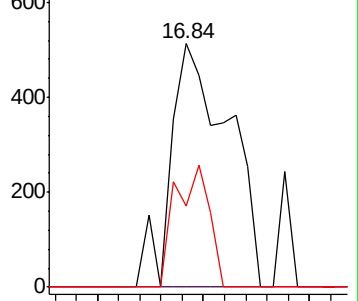
215 33.1 30.4 70.4

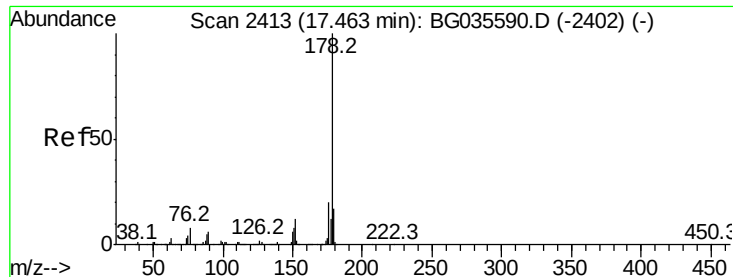


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 14.518 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

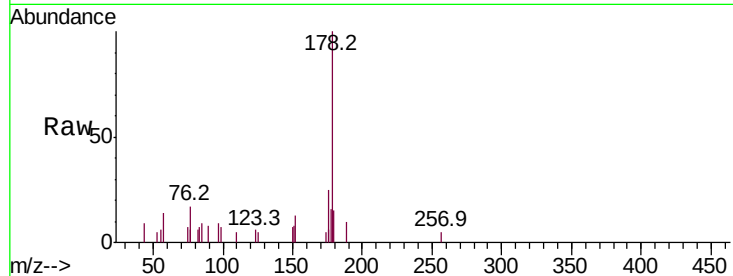
Tot Ion:178 Resp: 5752

Ion Ratio Lower Upper

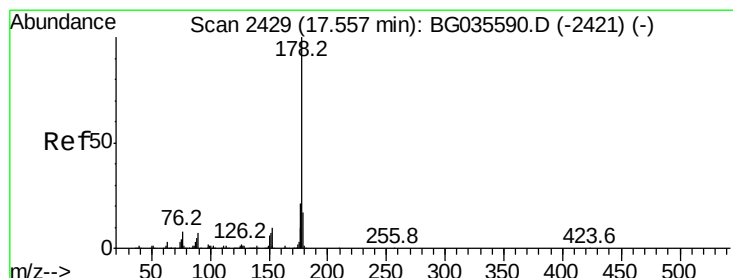
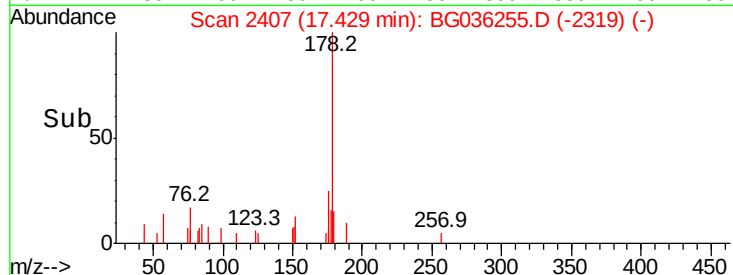
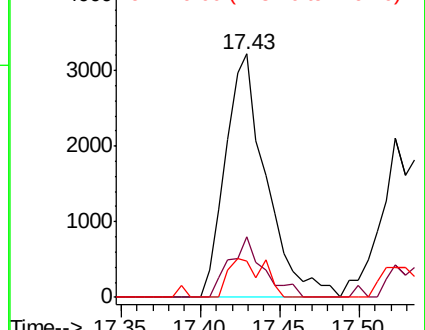
178 100

176 25.1 15.7 23.5#

179 14.9 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



#71

Anthracene

Concen: 10.570 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

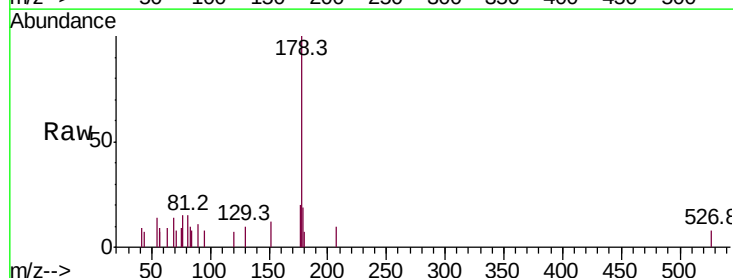
Tgt Ion:178 Resp: 4170

Ion Ratio Lower Upper

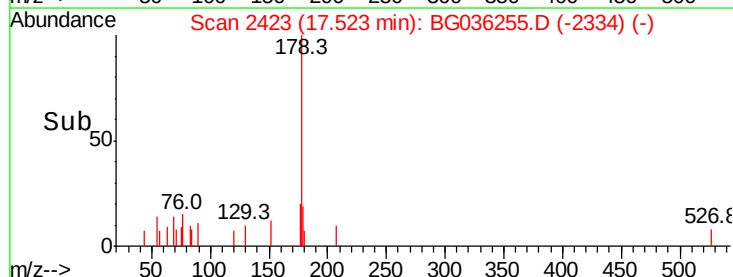
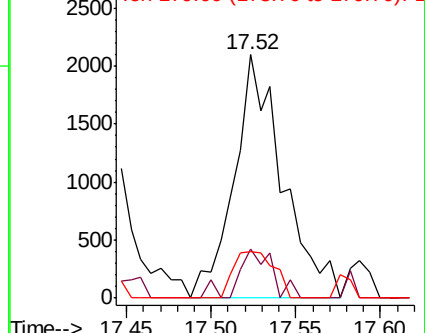
178 100

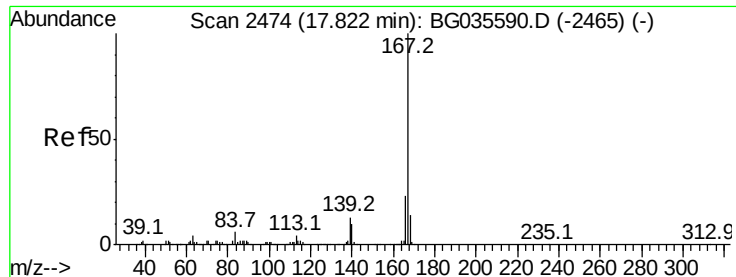
176 20.3 16.0 24.0

179 19.1 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: 8.021 ng

RT: 17.82 min Scan# 2473

Delta R.T. 0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

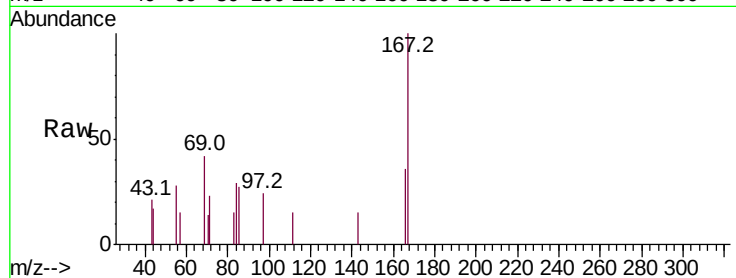
Tot Ion:167 Resp: 3005

Ion Ratio Lower Upper

167 100

166 35.7 18.2 27.4#

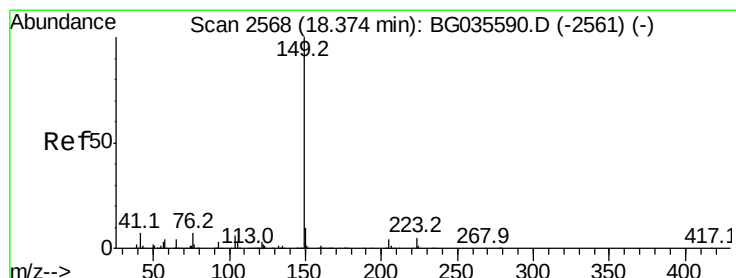
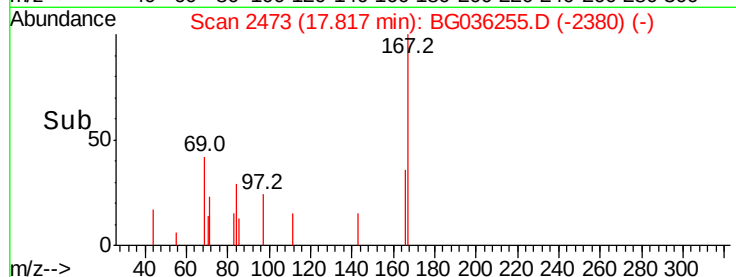
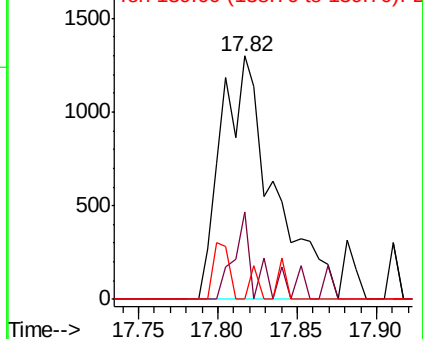
139 0.0 9.4 14.2#



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: 21.062 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

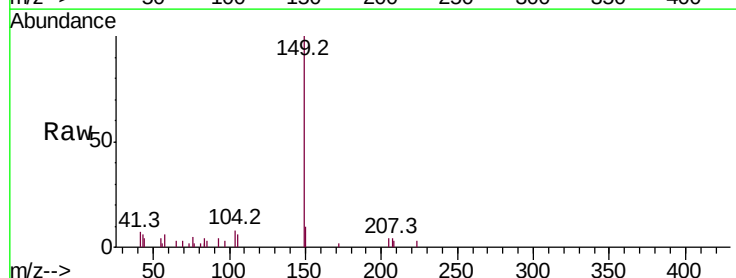
Tgt Ion:149 Resp: 9325

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

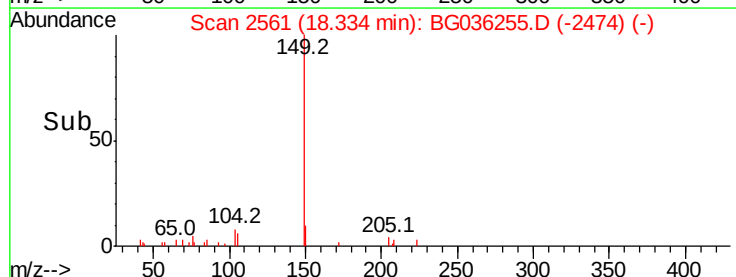
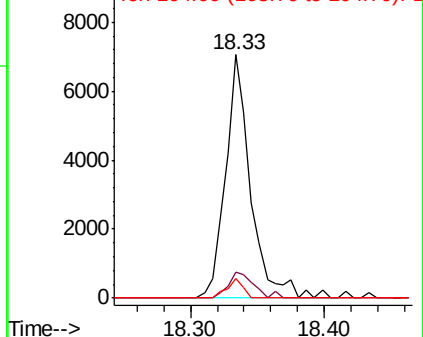
104 7.9 3.9 5.9#

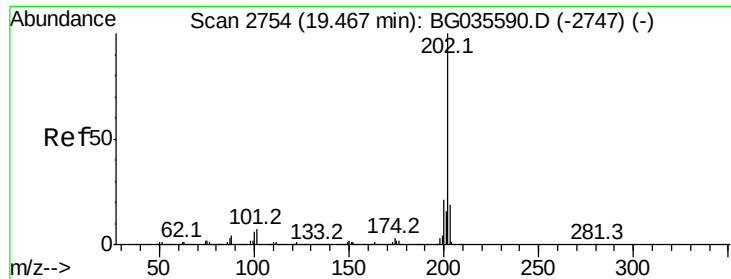


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 14.798 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

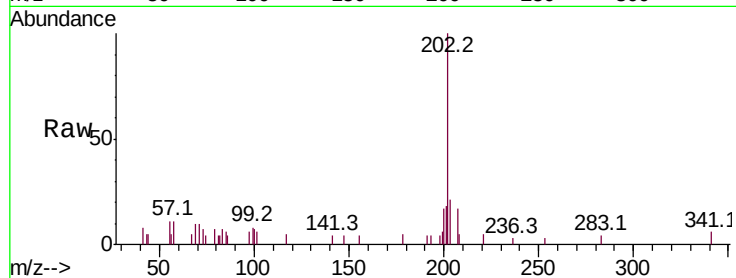
Tot Ion:202 Resp: 7897

Ion Ratio Lower Upper

202 100

101 5.6 0.0 28.9

203 20.9 0.0 37.5

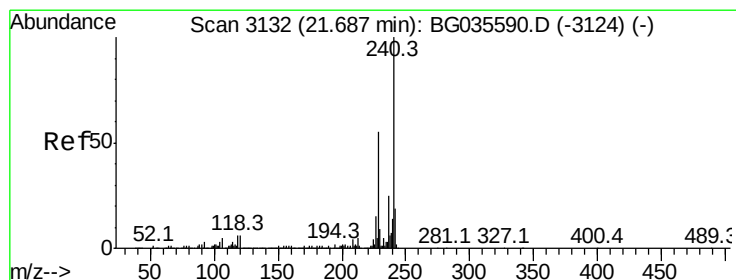
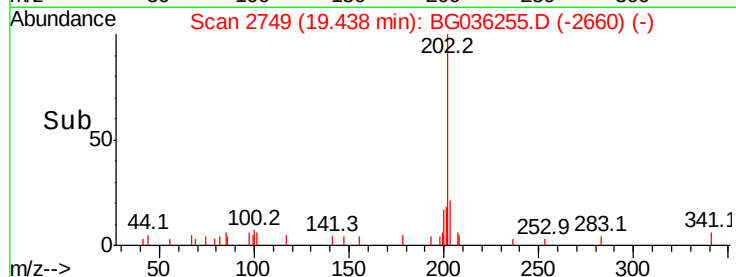
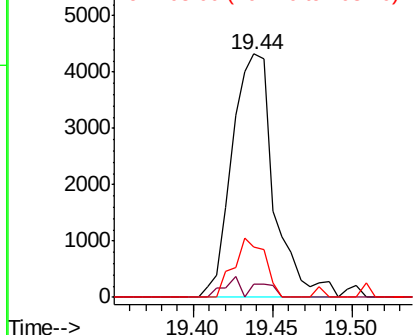


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

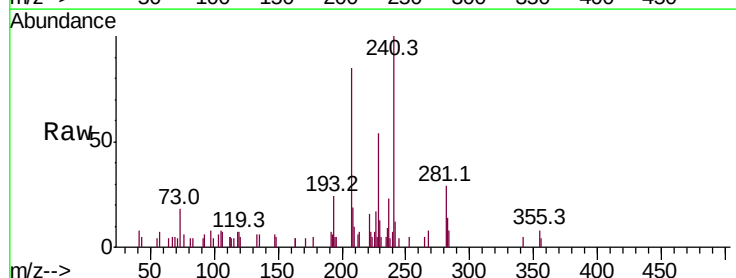
Tgt Ion:240 Resp: 8555

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

236 23.2 20.9 31.3

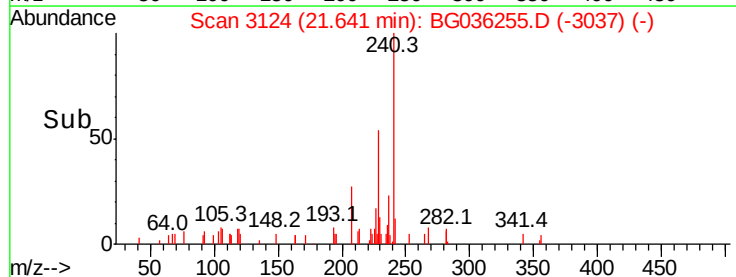
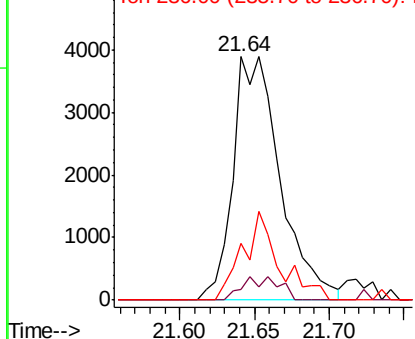


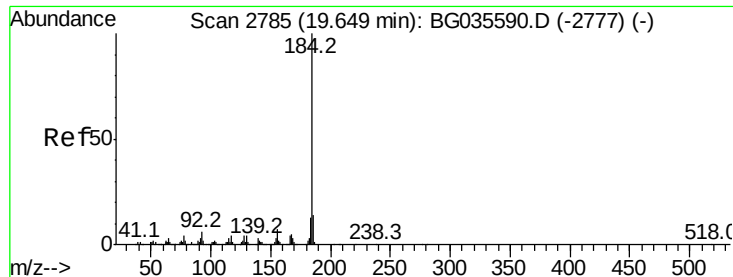
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 77.977 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

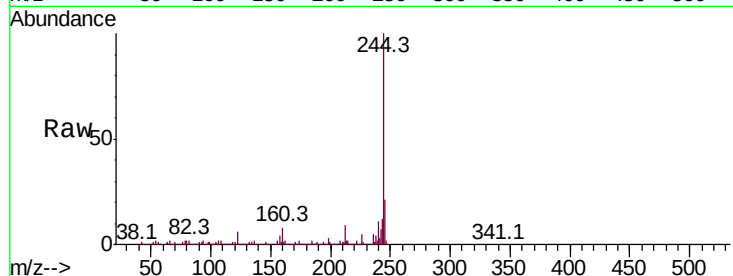
Tot Ion:184 Resp: 17538

Ion Ratio Lower Upper

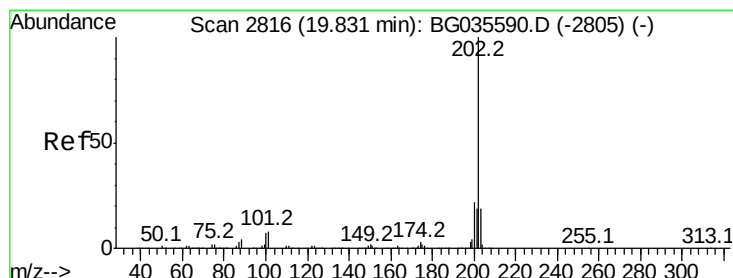
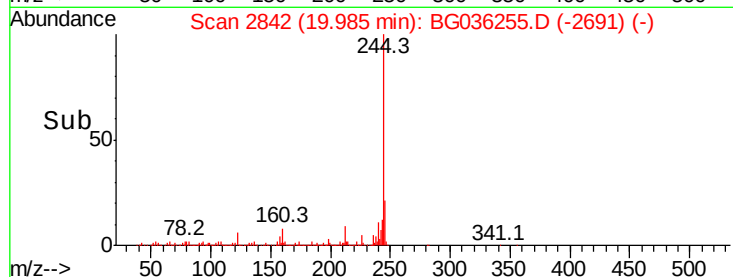
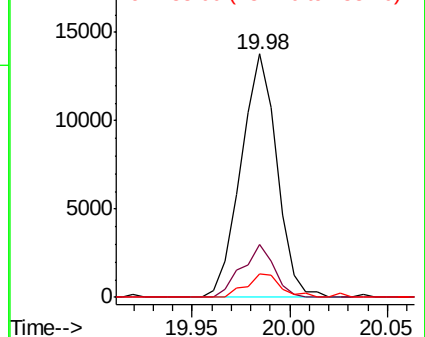
184 100

185 21.5 11.1 16.7#

183 9.5 10.6 16.0#



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



#77

Pyrene

Concen: 15.042 ng

RT: 19.80 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

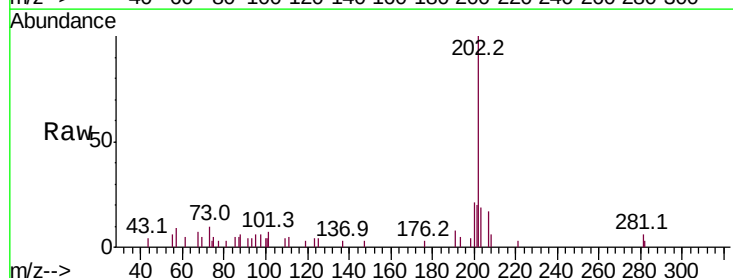
Tgt Ion:202 Resp: 8137

Ion Ratio Lower Upper

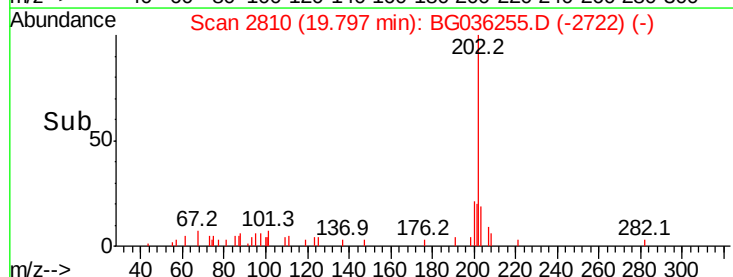
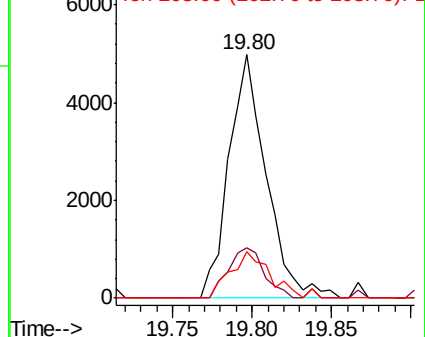
202 100

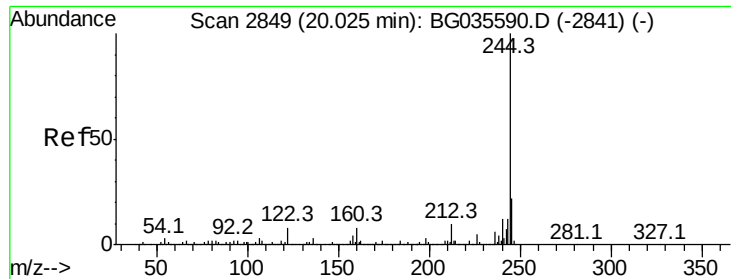
200 20.6 16.9 25.3

203 19.0 13.9 20.9



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





#78

Terphenyl-d14

Concen: 2424.785 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

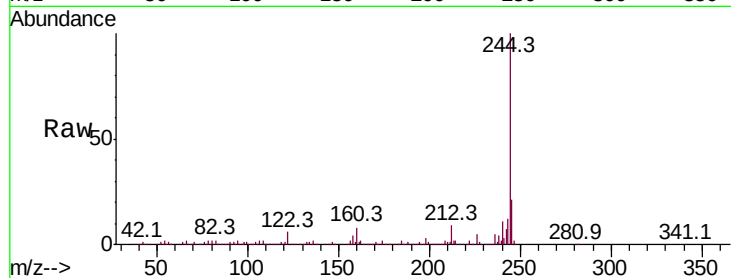
Tot Ion:244 Resp: 941071

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

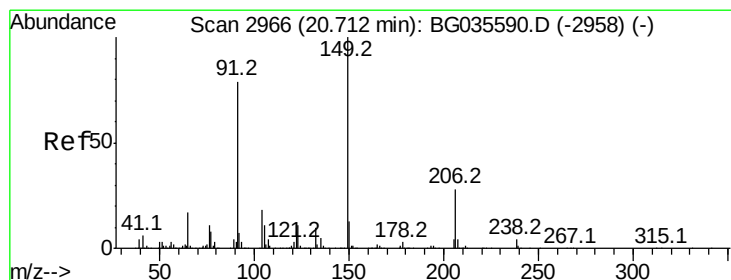
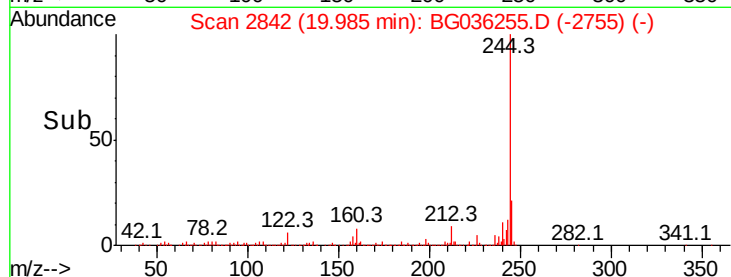
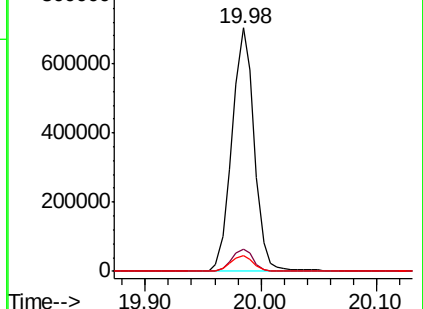
122 6.2 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 13.094 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

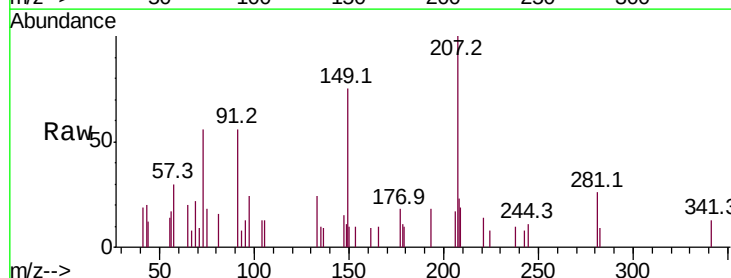
Tgt Ion:149 Resp: 2533

Ion Ratio Lower Upper

149 100

91 74.6 62.2 93.2

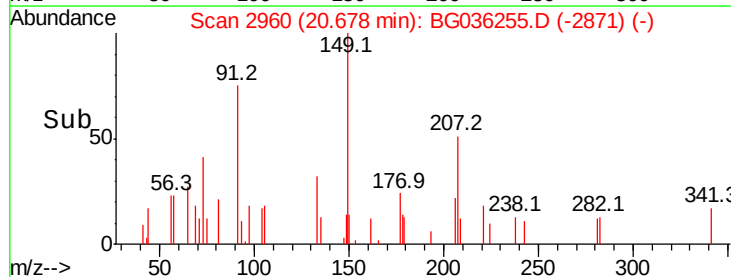
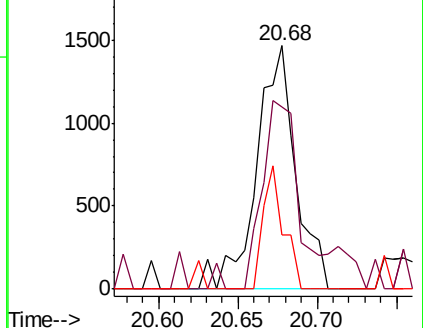
206 22.3 18.6 27.8

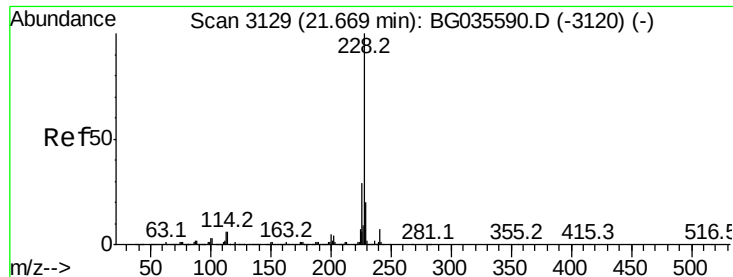


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 11.978 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

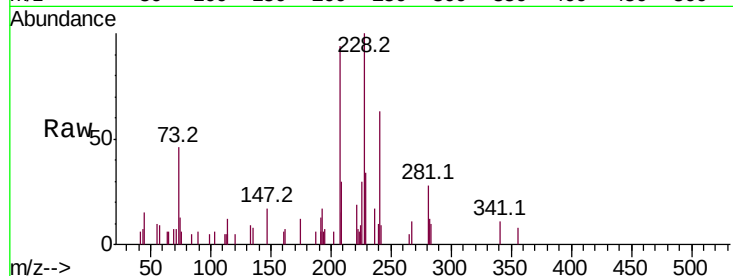
Tot Ion:228 Resp: 6386

Ion Ratio Lower Upper

228 100

226 30.4 22.7 34.1

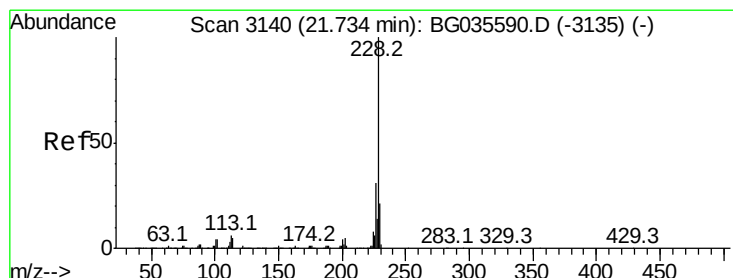
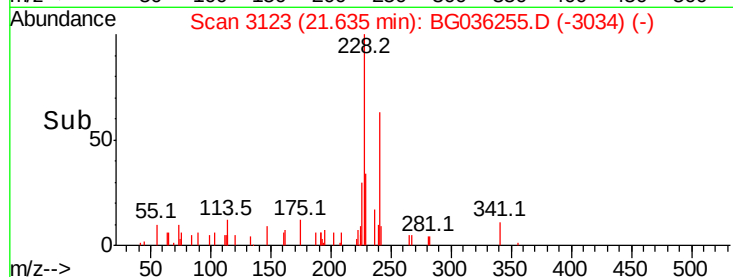
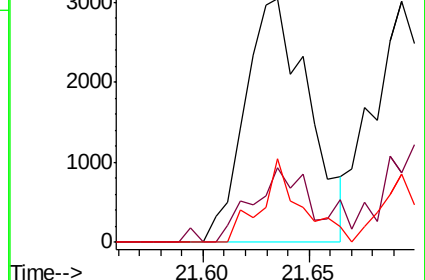
229 34.5 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 14.803 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

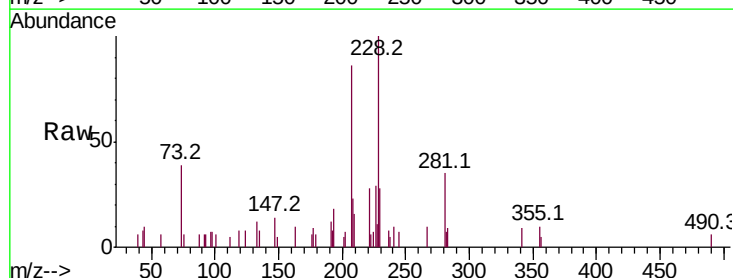
Tgt Ion:228 Resp: 7313

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

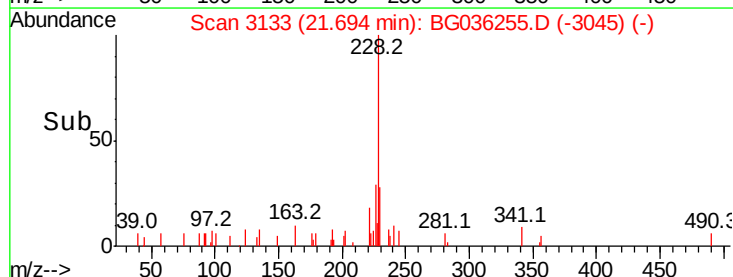
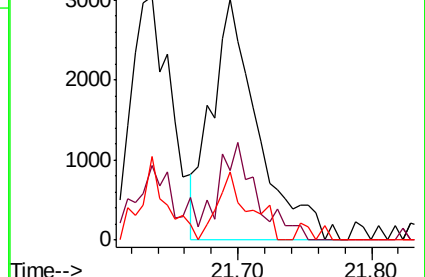
229 28.3 15.0 22.4#

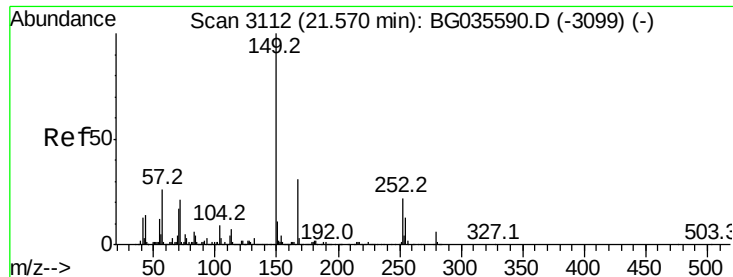


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

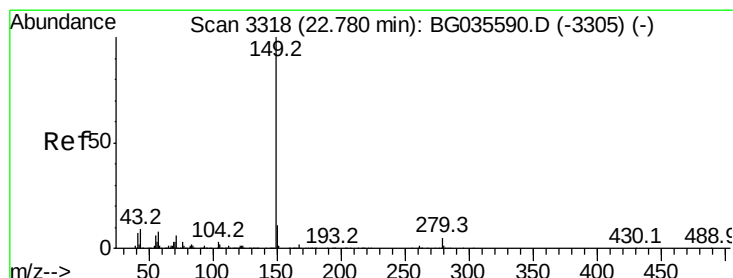
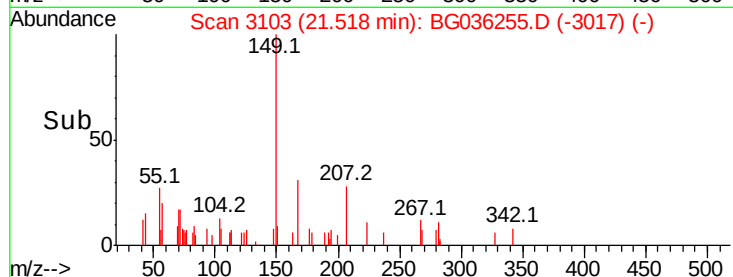
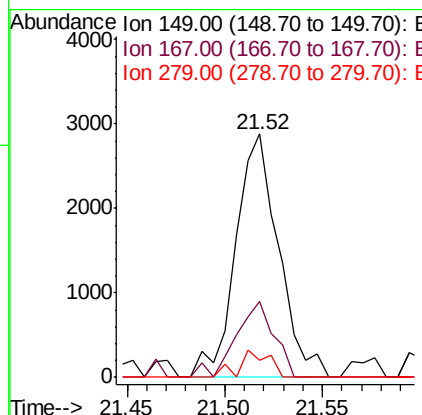
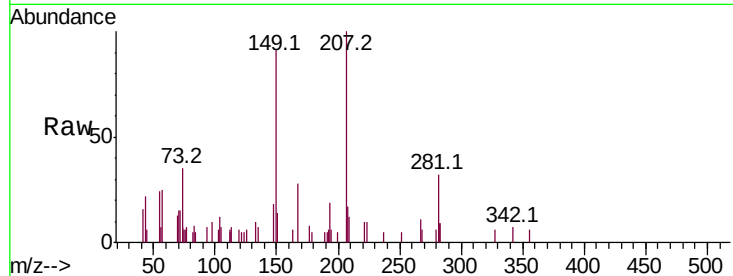




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.670 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.02 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

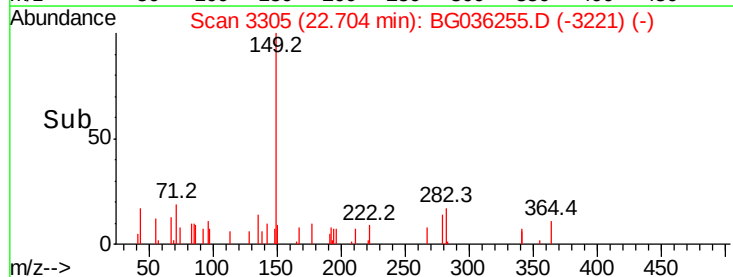
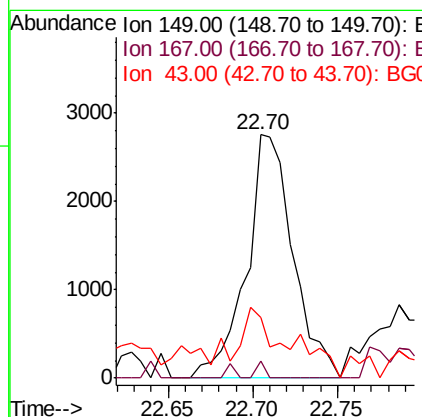
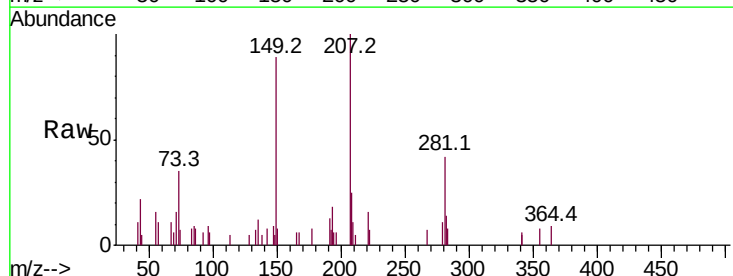
Instrument :
 BNA_G
 ClientSampleId :

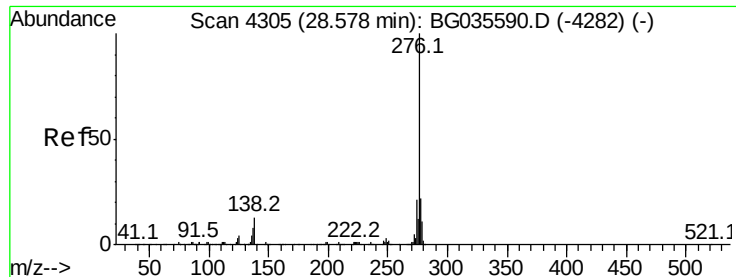
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	6.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 12.009 ng
 RT: 22.70 min Scan# 3305
 Delta R.T. -0.04 min
 Lab File: BG036255.D
 Acq: 10 Aug 2018 6:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.4	2.0
43	15.7	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.320 ng

RT: 28.48 min Scan# 4289

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampled :

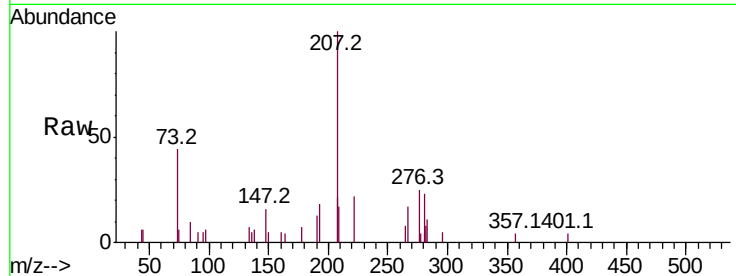
Tot Ion:276 Resp: 1816

Ion Ratio Lower Upper

276 100

138 10.5 16.0 24.0#

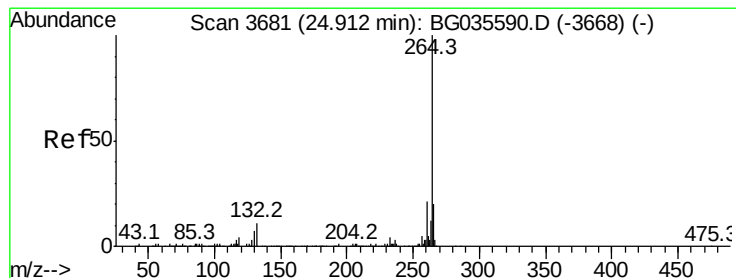
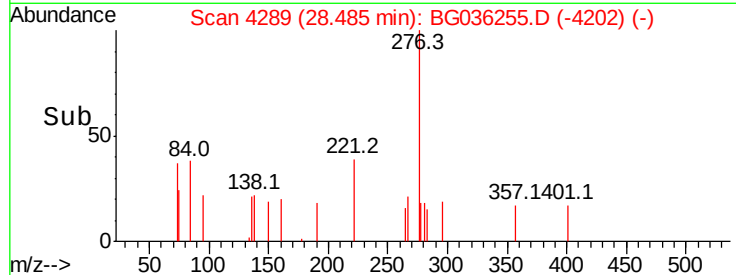
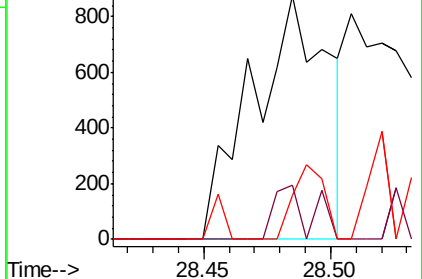
277 12.4 20.0 30.0#



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: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

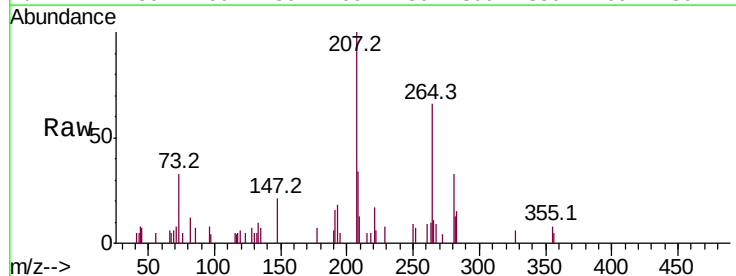
Tgt Ion:264 Resp: 7673

Ion Ratio Lower Upper

264 100

260 14.2 17.4 26.0#

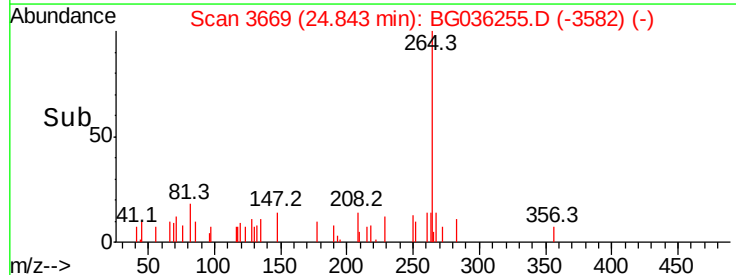
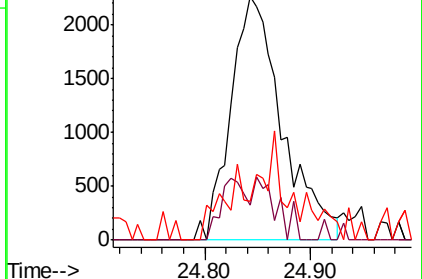
265 15.9 17.7 26.5#

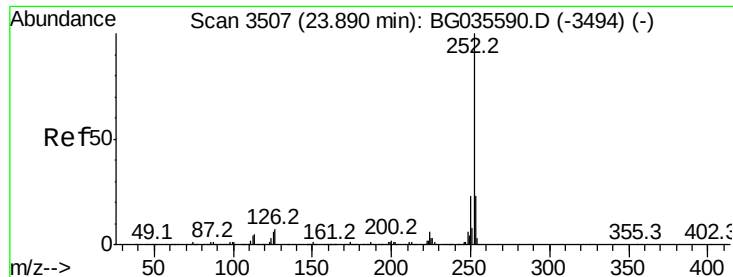


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 14.971 ng

RT: 23.83 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BG036255.D

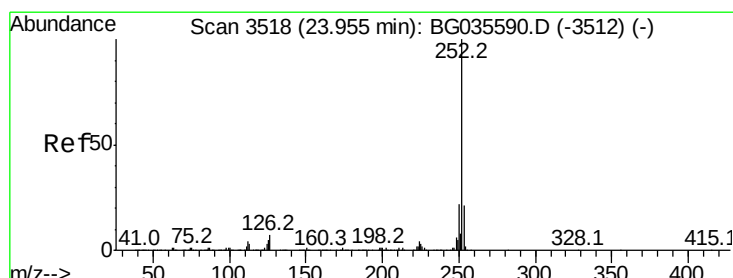
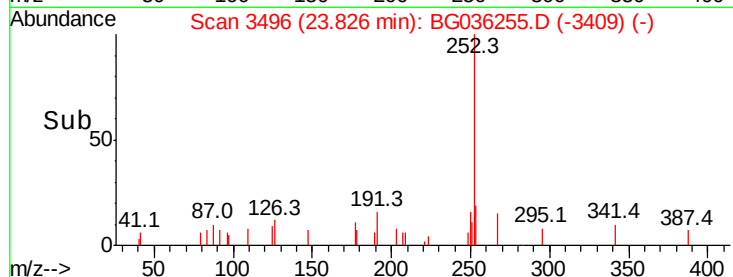
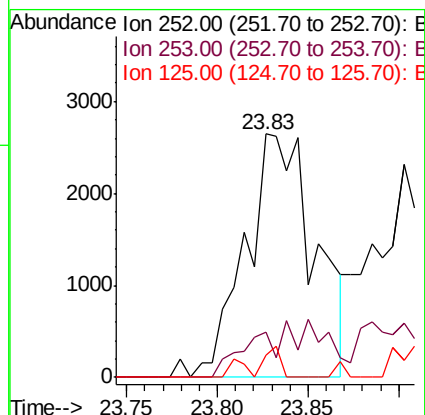
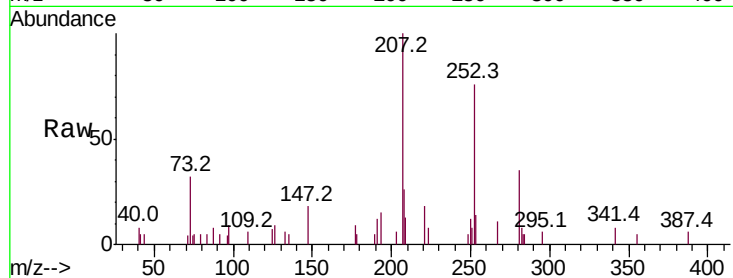
Acq: 10 Aug 2018 6:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	6982
Ion Ratio	Lower	Upper
252	100	
253	18.8	18.2 27.4
125	8.9	7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 9.376 ng

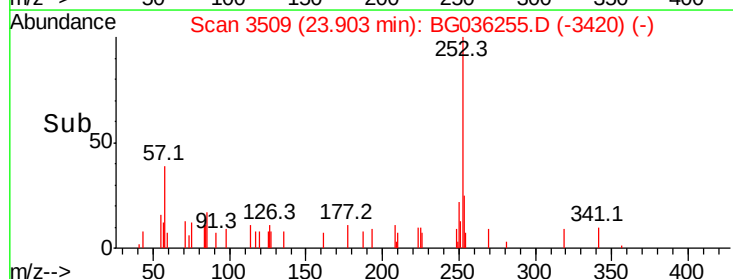
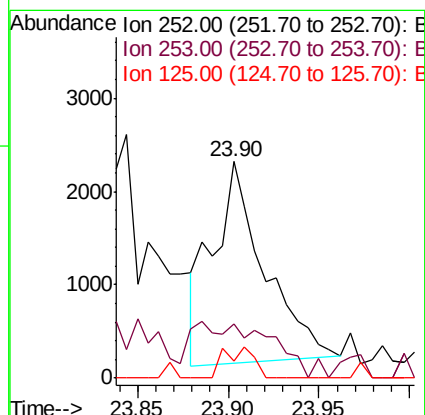
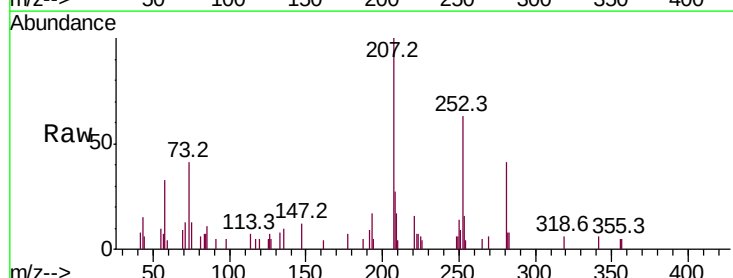
RT: 23.90 min Scan# 3509

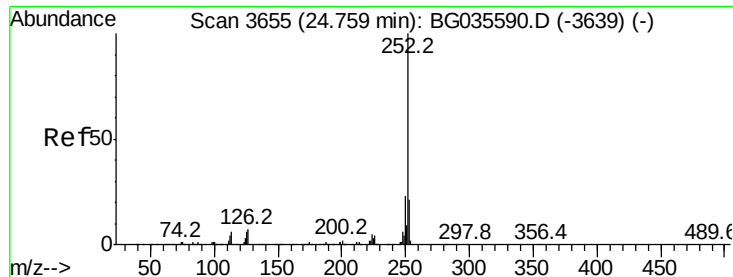
Delta R.T. -0.01 min

Lab File: BG036255.D

Acq: 10 Aug 2018 6:04

Tgt Ion:252	Resp:	4275
Ion Ratio	Lower	Upper
252	100	
253	25.1	17.4 26.2
125	8.2	6.6 9.8

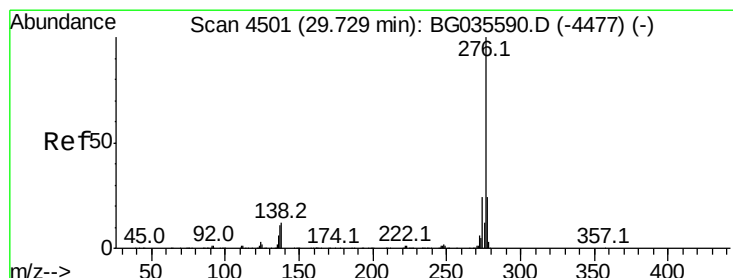
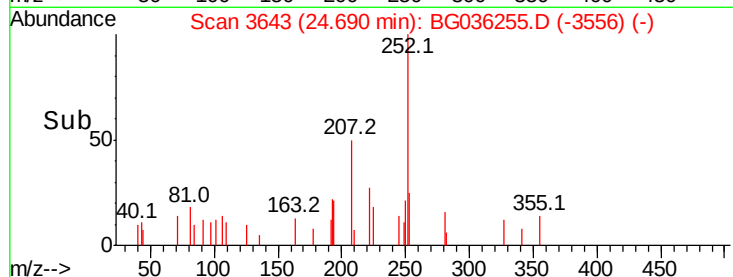
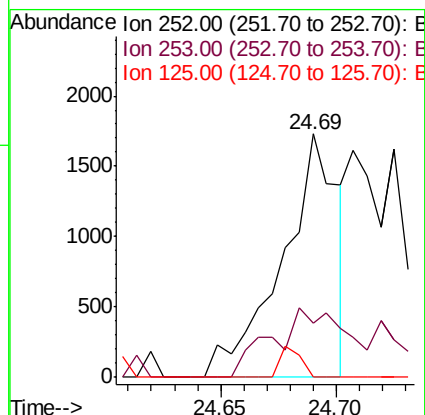
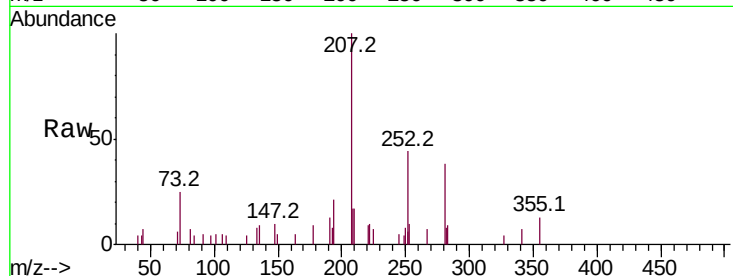




#89
Benzo(a)pyrene
Concen: 6.691 ng
RT: 24.69 min Scan# 3643
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 2903
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 0.0 7.3 10.9#



#91
Benzo(g,h,i)perylene
Concen: 4.770 ng
RT: 29.62 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:276 Resp: 1988
Ion Ratio Lower Upper
276 100
277 30.8 18.3 27.5#
138 0.0 13.9 20.9#

