

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036531.D
 Acq On : 4 Sep 2018 14:34
 Operator : JU/SJ
 Sample : J4712-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Quant Time: Sep 05 02:27:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68552	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	287817	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	183113	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	469886	20.00	ng	0.00
75) Chrysene-d12	21.70	240	467276	20.00	ng	0.00
86) Perylene-d12	24.90	264	490959	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	498770	115.42	ng	0.00
7) Phenol-d6	7.22	99	693735	112.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	413985	78.04	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	276969	126.76	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883296	68.87	ng	0.00
78) Terphenyl-d14	20.03	244	1426561	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	60078	29.789	ng	96
3) Pyridine	3.93	79	178908	31.603	ng	94
4) n-Nitrosodimethylamine	3.85	42	95504	37.877	ng	87
6) Aniline	7.38	93	258130	32.867	ng	97
8) 2-Chlorophenol	7.62	128	186106	39.712	ng	97
9) Benzaldehyde	7.20	77	110397	25.910	ng	97
10) Phenol	7.24	94	276972	42.776	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	186372	36.307	ng	99
12) 1,3-Dichlorobenzene	7.95	146	195732	36.577	ng	99
13) 1,4-Dichlorobenzene	8.09	146	196875	36.440	ng	99
14) 1,2-Dichlorobenzene	8.41	146	188982	36.626	ng	97
15) Benzyl Alcohol	8.29	79	188762	37.844	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	349157	33.728	ng	99
17) 2-Methylphenol	8.49	107	177736	41.340	ng	96
18) Hexachloroethane	9.15	117	70254	36.268	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	159475	34.487	ng	95
20) 3+4-Methylphenols	8.82	107	238926	39.804	ng	95
22) Acetophenone	8.88	105	299602	39.641	ng	# 98
24) Nitrobenzene	9.26	77	229702	40.156	ng	96
25) Isophorone	9.79	82	449060	42.613	ng	97
26) 2-Nitrophenol	9.97	139	96956	42.773	ng	95
27) 2,4-Dimethylphenol	10.03	122	188913	45.015	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	261738	40.470	ng	99
29) 2,4-Dichlorophenol	10.51	162	205236	44.624	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	211391	39.289	ng	99
31) Naphthalene	10.91	128	603163	41.922	ng	99
32) Benzoic acid	10.09	122	8618	6.990	ng	93
33) 4-Chloroaniline	11.02	127	209012	31.702	ng	99
34) Hexachlorobutadiene	11.20	225	139962	38.717	ng	98
35) Caprolactam	11.79	113	46629	25.450	ng	88
36) 4-Chloro-3-methylphenol	12.13	107	225762	42.245	ng	95
37) 2-Methylnaphthalene	12.52	142	466597	44.322	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	264709	40.849	ng	99
40) Hexachlorocyclopentadiene	12.87	237	301070	89.295	ng	99

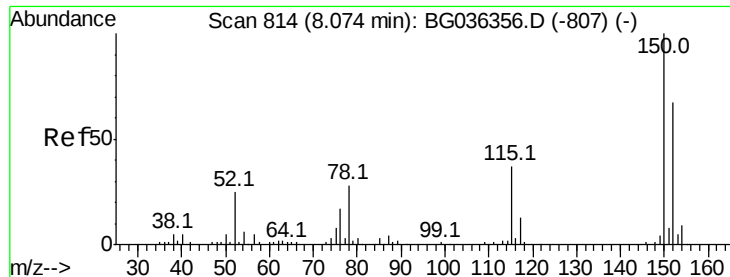
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036531.D
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 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	173642	43.989	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	189916	45.107	ng	98
45) 1,1'-Biphenyl	13.52	154	585787	38.539	ng	99
46) 2-Chloronaphthalene	13.56	162	455928	39.291	ng	99
47) 2-Nitroaniline	13.76	65	157225	43.149	ng	96
48) Acenaphthylene	14.40	152	757140	41.750	ng	100
49) Dimethylphthalate	14.14	163	819091	54.781	ng	98
50) 2,6-Dinitrotoluene	14.25	165	129210	41.996	ng	97
51) Acenaphthene	14.75	154	499886	43.040	ng	99
52) 3-Nitroaniline	14.58	138	127428	38.433	ng	99
53) 2,4-Dinitrophenol	14.79	184	101979	87.505	ng	96
54) Dibenzofuran	15.08	168	723974	39.788	ng	100
55) 4-Nitrophenol	14.89	139	233788	86.239	ng	99
56) 2,4-Dinitrotoluene	15.04	165	183705	45.813	ng	93
57) Fluorene	15.73	166	573503	42.162	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	189382	47.875	ng	95
59) Diethylphthalate	15.50	149	599480	39.783	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	325360	38.736	ng	99
61) 4-Nitroaniline	15.75	138	152336	43.907	ng	92
62) Azobenzene	16.01	77	579947	37.826	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	96618	46.808	ng	96
65) n-Nitrosodiphenylamine	15.94	169	537560	38.502	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	217192	39.479	ng	99
67) Hexachlorobenzene	16.73	284	220509	39.199	ng	99
68) Atrazine	16.88	200	223907	42.726	ng	98
69) Pentachlorophenol	17.07	266	277010	72.455	ng	98
70) Phenanthrene	17.47	178	975015	40.836	ng	99
71) Anthracene	17.56	178	984650	41.371	ng	97
72) Carbazole	17.82	167	905954	38.115	ng	99
73) Di-n-butylphthalate	18.39	149	1005180	37.976	ng	99
74) Fluoranthene	19.48	202	1186736	40.767	ng	100
76) Benzidine	19.65	184	479163	32.141	ng	100
77) Pyrene	19.83	202	1165755	40.570	ng	98
79) Butylbenzylphthalate	20.72	149	477310	41.739	ng	95
80) Benzo(a)anthracene	21.67	228	1181949	41.753	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	351451	31.151	ng	99
82) Chrysene	21.74	228	1099359	40.971	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	648448	40.522	ng	99
84) Di-n-octyl phthalate	22.80	149	1102715	41.255	ng	98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1338490	42.948	ng	100
87) Benzo(b)fluoranthene	23.89	252	1205175	44.206	ng	97
88) Benzo(k)fluoranthene	23.96	252	1117777	41.967	ng	98
89) Benzo(a)pyrene	24.76	252	1147747	43.811	ng	99
90) Dibenzo(a,h)anthracene	28.63	278	1078888	42.659	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1113499	43.811	ng	97

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

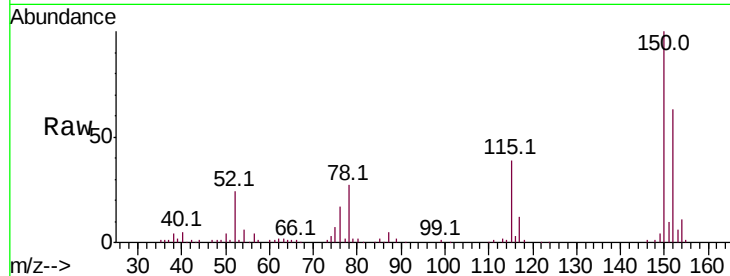


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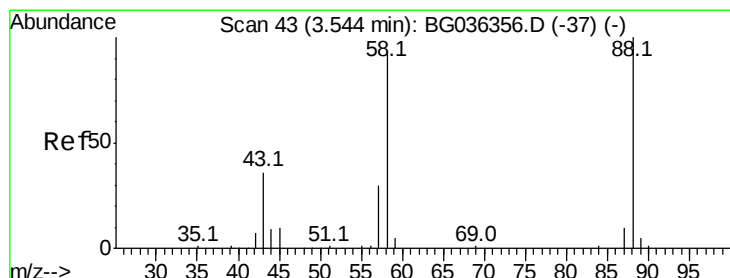
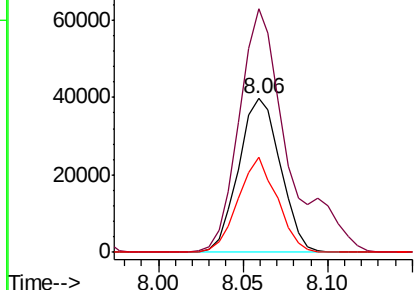
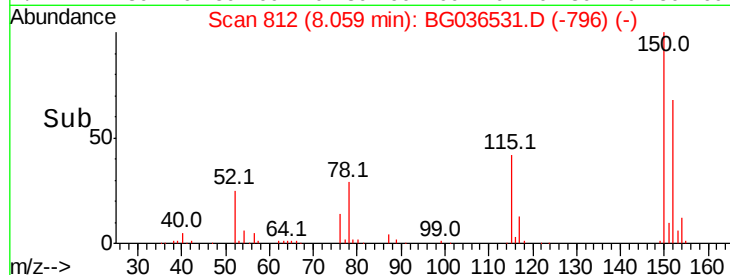
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:152 Resp: 68552
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 61.9 44.5 66.7



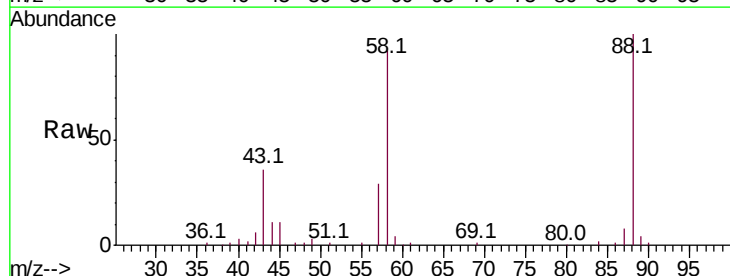
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



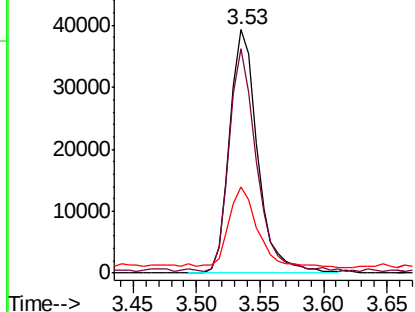
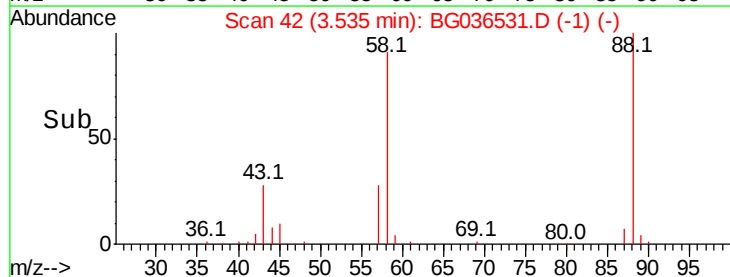
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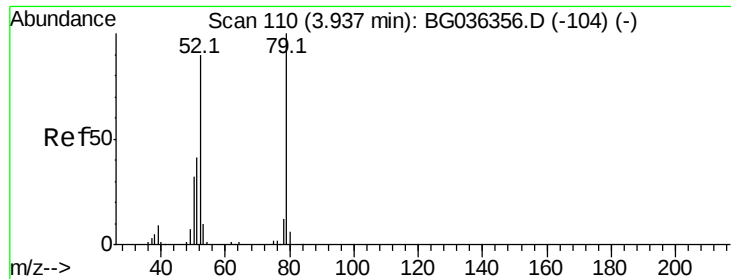
1,4-Dioxane
Concen: 29.789 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion: 88 Resp: 60078
Ion Ratio Lower Upper
88 100
58 87.5 72.6 109.0
43 34.0 29.0 43.4



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





#3

Pvridine

Concen: 31.603 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

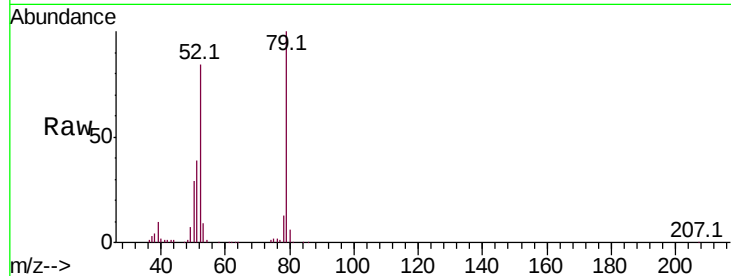
Tot Ion: 79 Resp: 178908

Ion Ratio Lower Upper

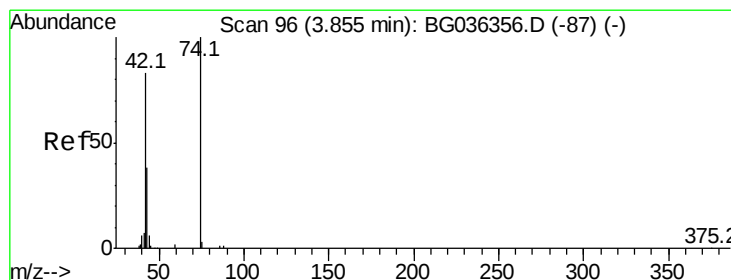
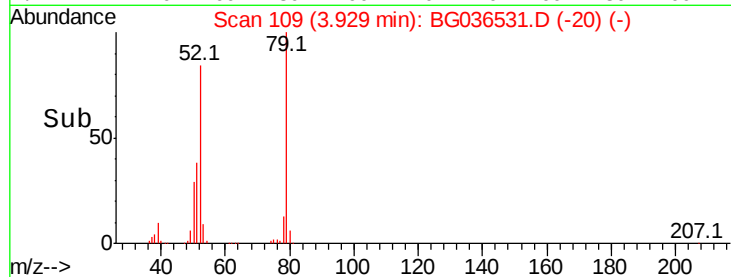
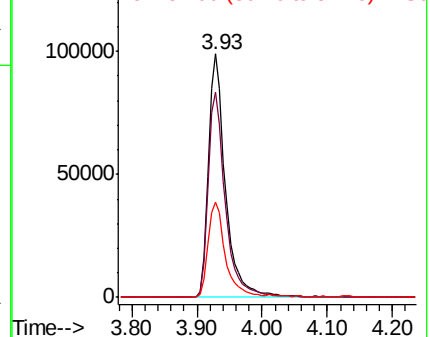
79 100

52 84.2 72.3 108.5

51 38.9 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 37.877 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

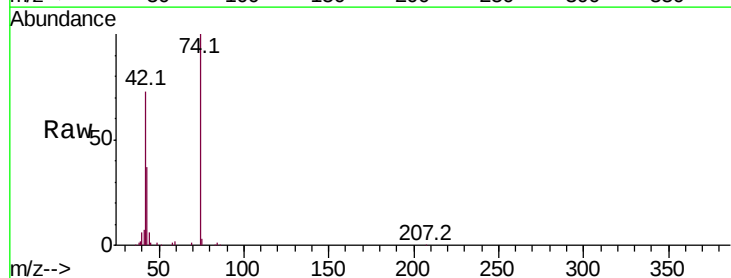
Tgt Ion: 42 Resp: 95504

Ion Ratio Lower Upper

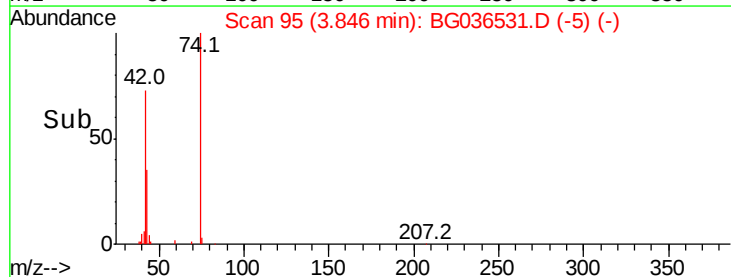
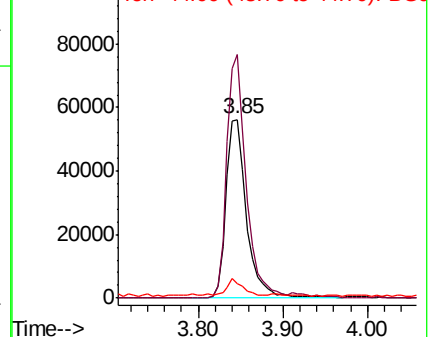
42 100

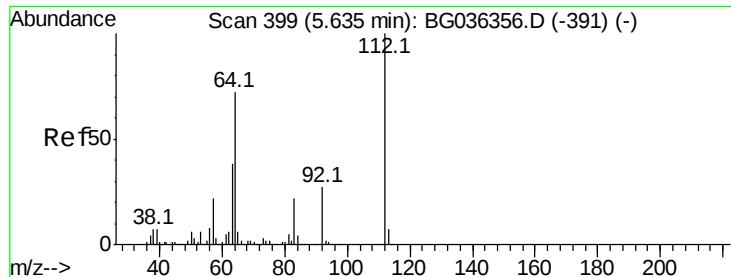
74 136.5 96.6 145.0

44 8.2 7.0 10.4



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





#5

2-Fluorophenol

Concen: 115.415 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

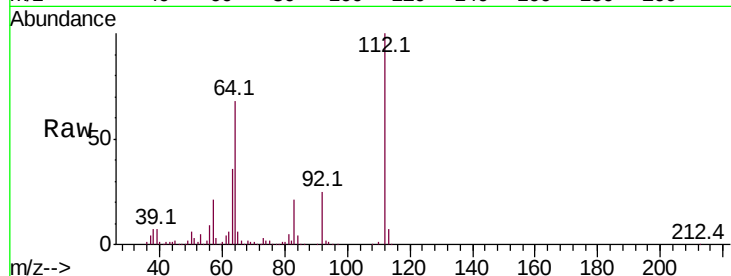
Tot Ion:112 Resp: 498770

Ion Ratio Lower Upper

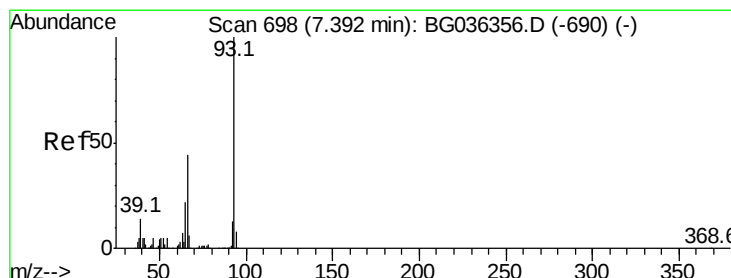
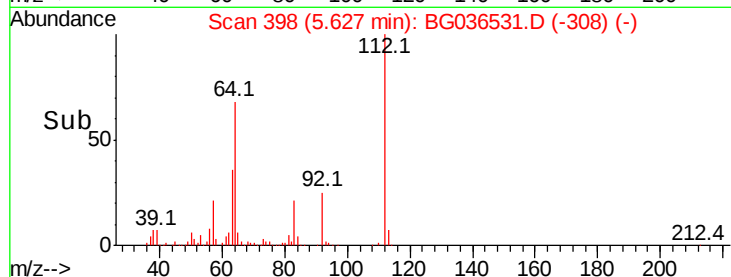
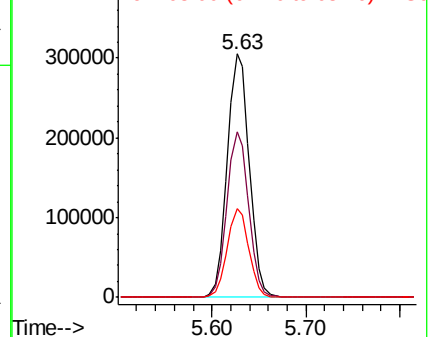
112 100

64 67.8 57.2 85.8

63 36.5 30.8 46.2



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



#6

Aniline

Concen: 32.867 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

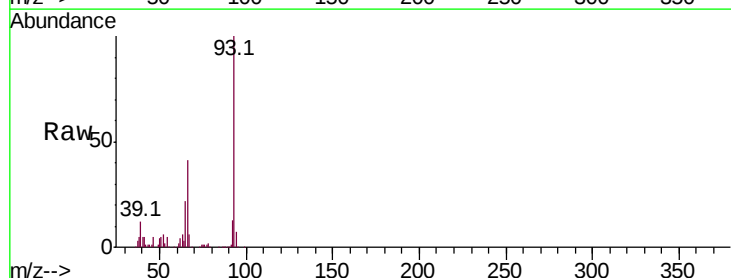
Tgt Ion: 93 Resp: 258130

Ion Ratio Lower Upper

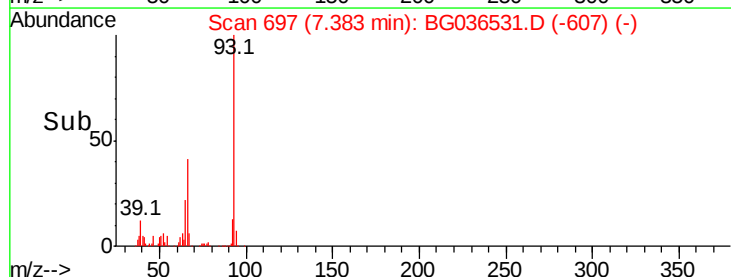
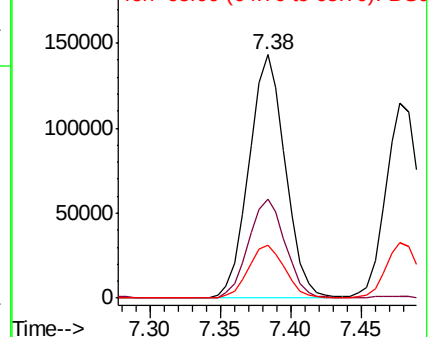
93 100

66 40.9 35.0 52.4

65 21.9 17.6 26.4



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: 112.122 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

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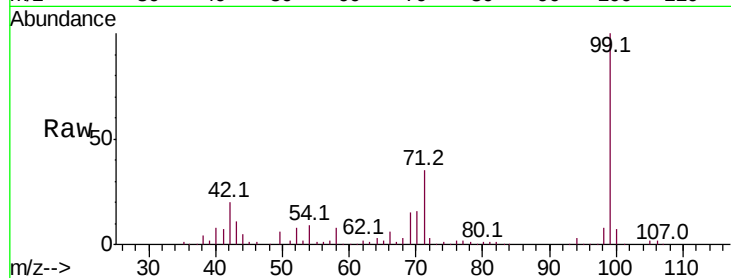
Tot Ion: 99 Resp: 693735

Ion Ratio Lower Upper

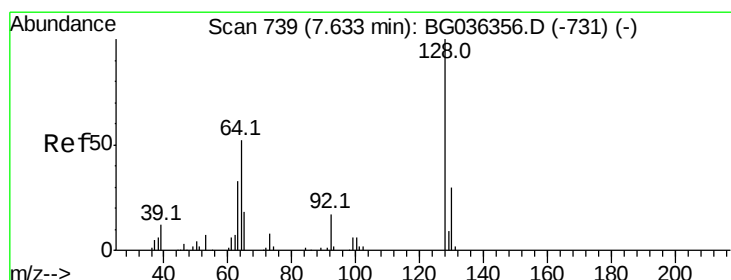
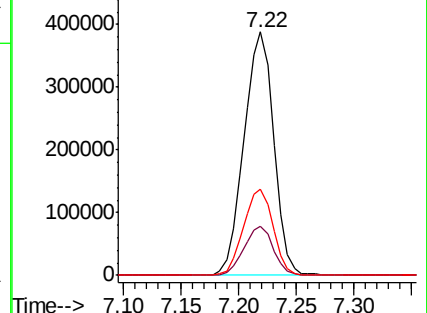
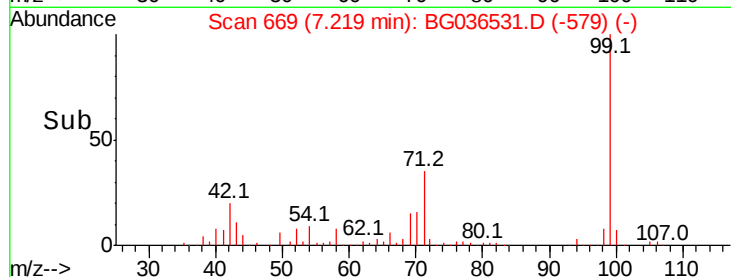
99 100

42 20.4 16.5 24.7

71 35.2 29.4 44.2



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: 39.712 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

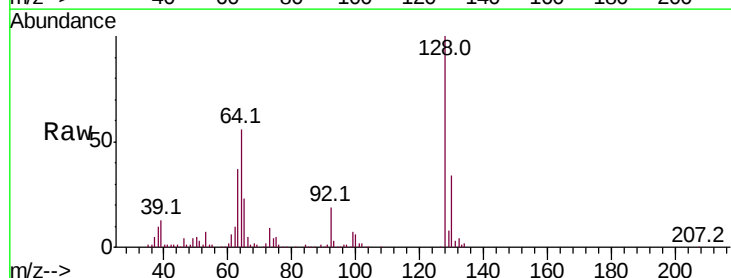
Tgt Ion:128 Resp: 186106

Ion Ratio Lower Upper

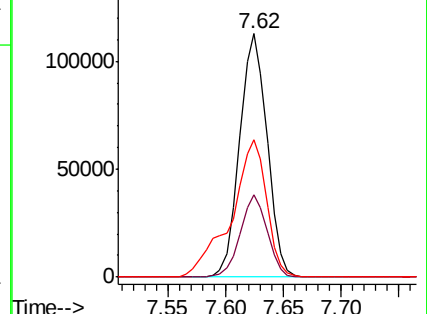
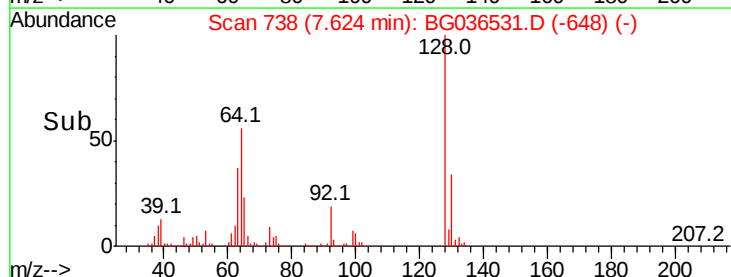
128 100

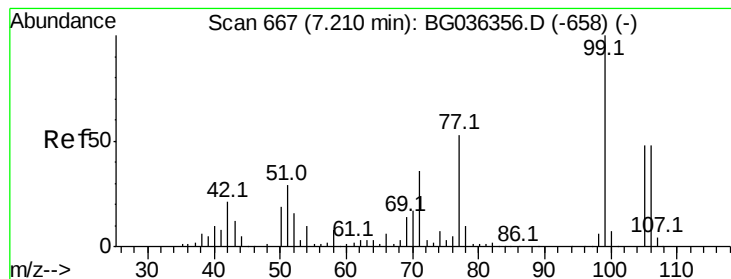
130 33.8 10.0 50.0

64 56.5 36.0 76.0



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: 25.910 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

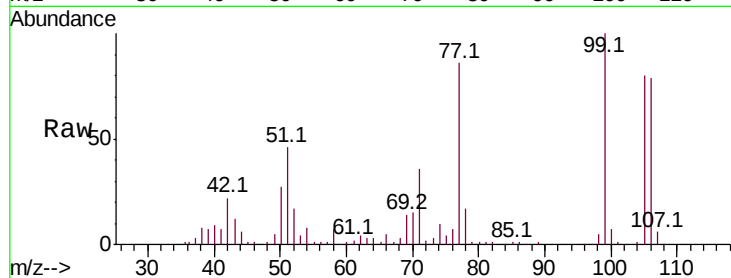
Tot Ion: 77 Resp: 110397

Ion Ratio Lower Upper

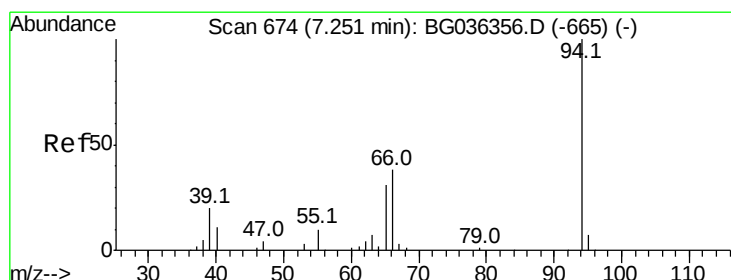
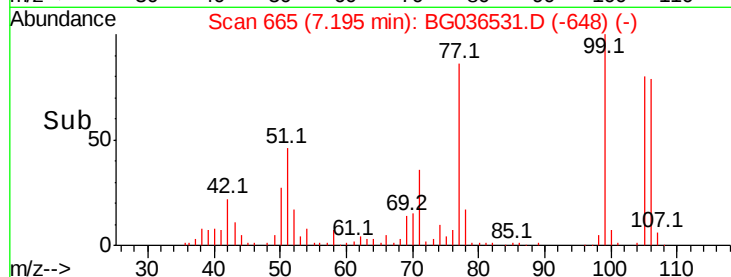
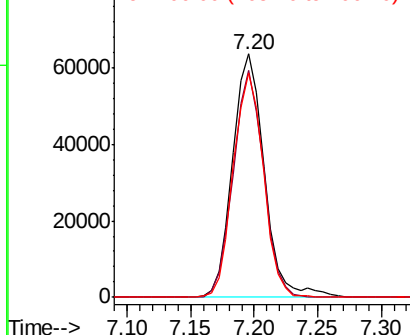
77 100

105 93.2 70.5 110.5

106 92.4 69.8 109.8



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: 42.776 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

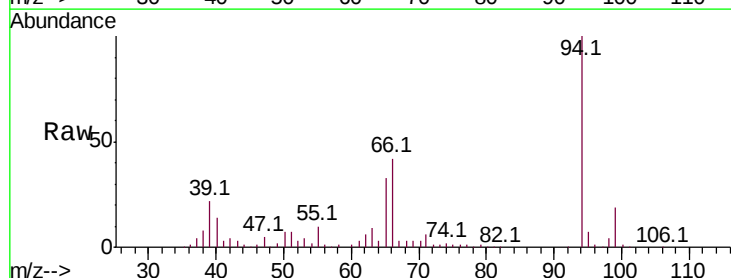
Tgt Ion: 94 Resp: 276972

Ion Ratio Lower Upper

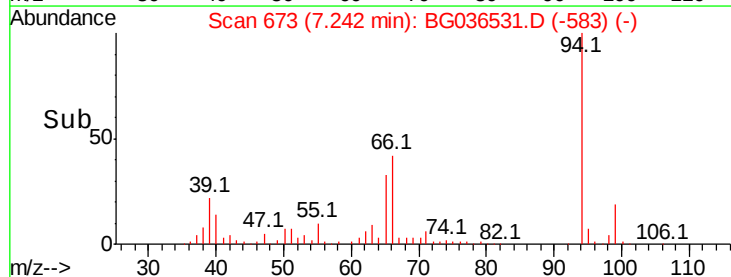
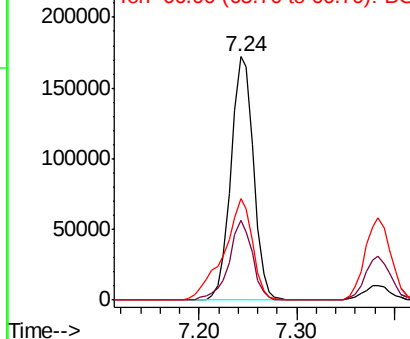
94 100

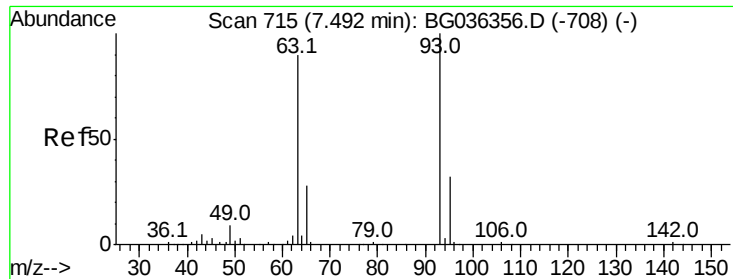
65 33.0 11.5 51.5

66 41.7 19.5 59.5



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

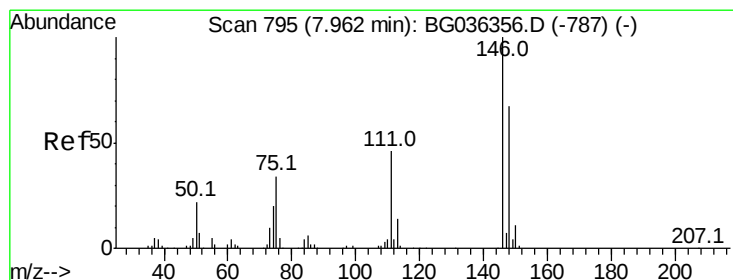
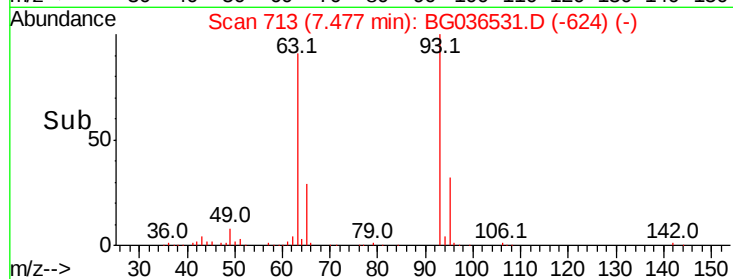
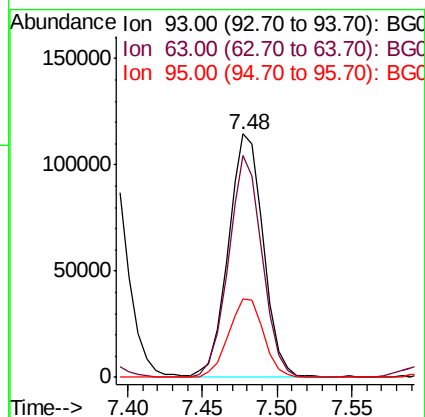
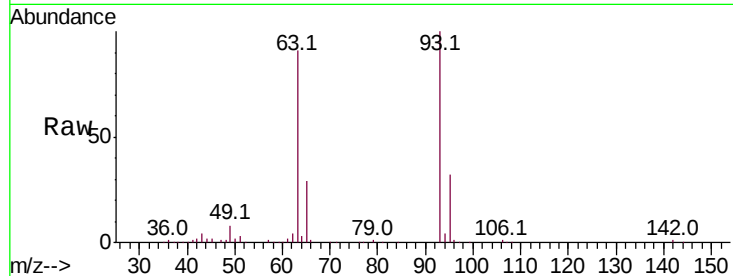




#11
bis(2-Chloroethyl)ether
Concen: 36.307 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

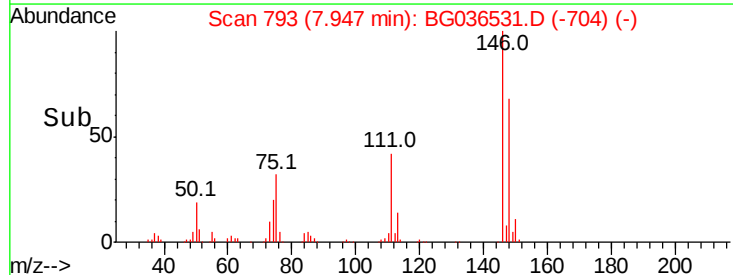
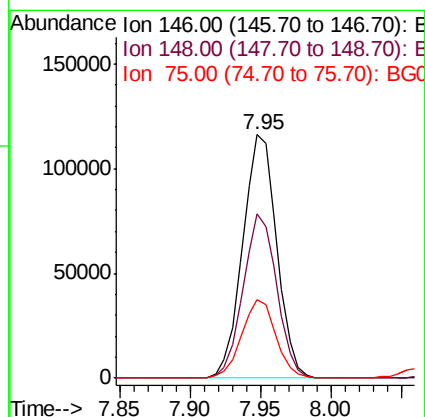
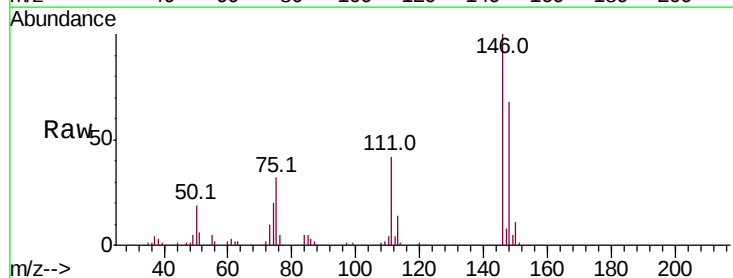
Instrument :
BNA_G
ClientSampleId :
SB-03MSD

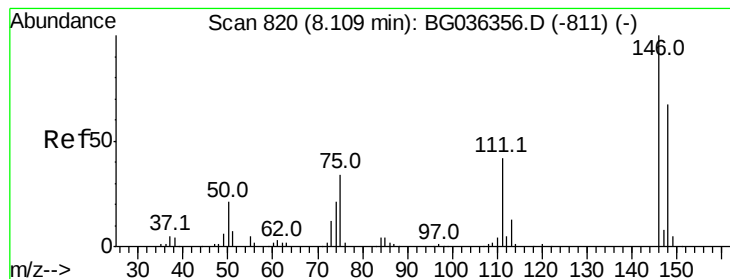
Tot Ion: 93 Resp: 186372
Ion Ratio Lower Upper
93 100
63 91.1 69.9 109.9
95 32.4 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 36.577 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion: 146 Resp: 195732
Ion Ratio Lower Upper
146 100
148 67.6 53.8 80.6
75 32.3 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 36.440 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

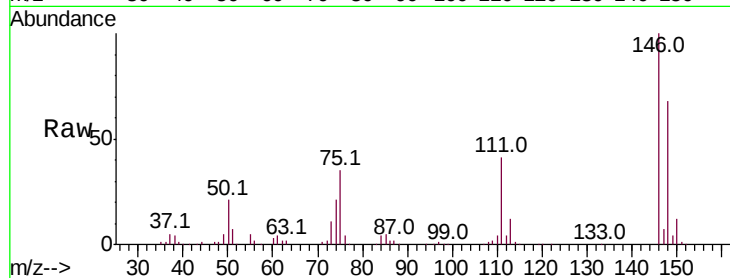
Tot Ion:146 Resp: 196875

Ion Ratio Lower Upper

146 100

148 67.7 53.9 80.9

111 40.9 33.8 50.6

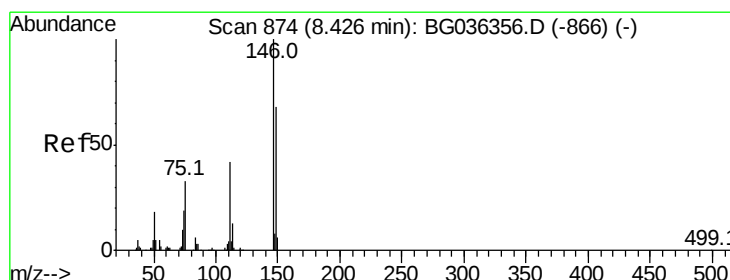
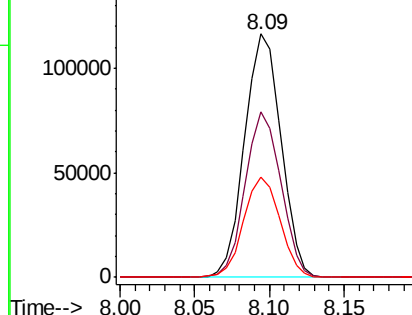
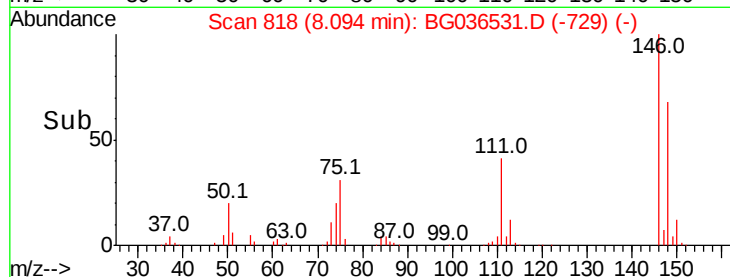


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.626 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

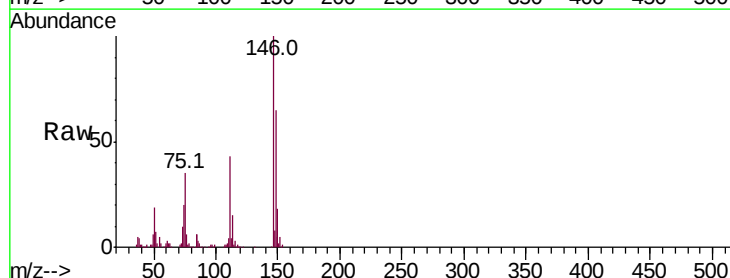
Tgt Ion:146 Resp: 188982

Ion Ratio Lower Upper

146 100

148 65.4 55.0 82.6

111 43.1 34.6 51.8

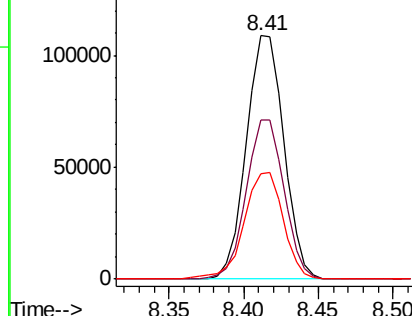
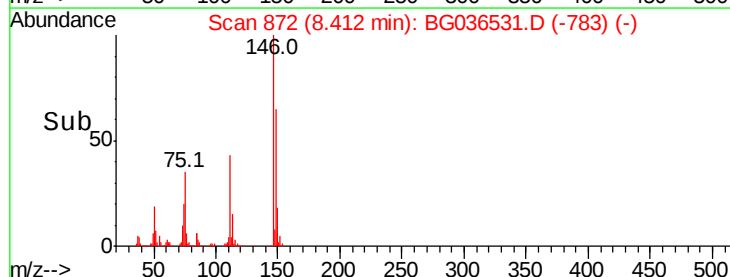


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.844 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

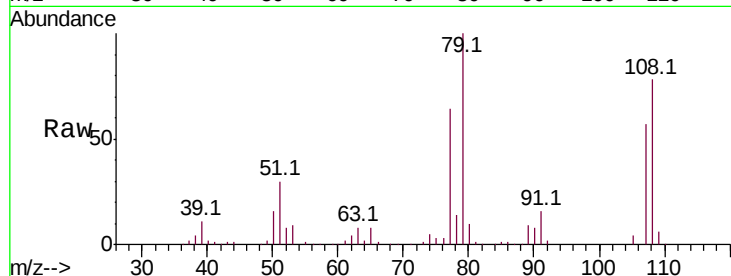
Tot Ion: 79 Resp: 188762

Ion Ratio Lower Upper

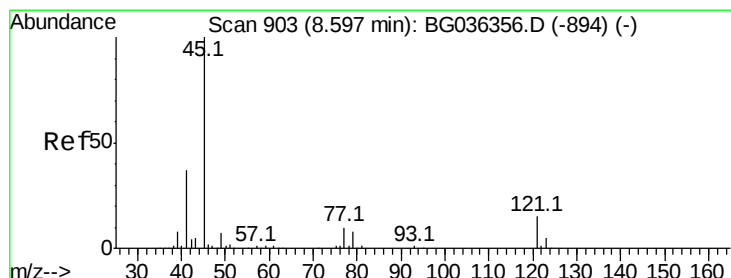
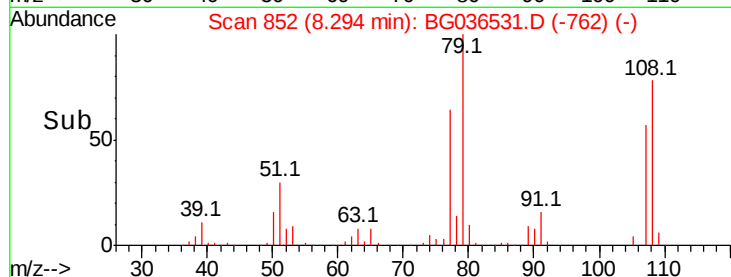
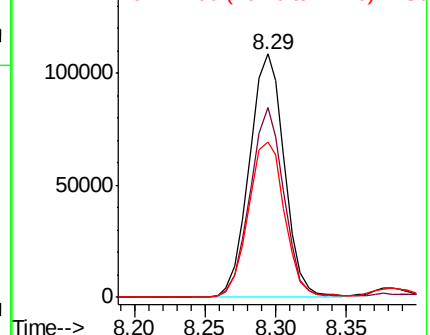
79 100

108 77.8 55.9 83.9

77 63.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.728 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

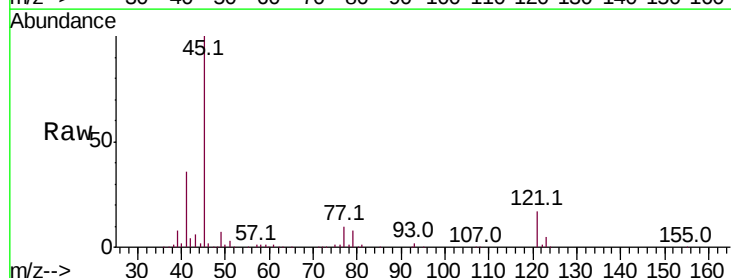
Tgt Ion: 45 Resp: 349157

Ion Ratio Lower Upper

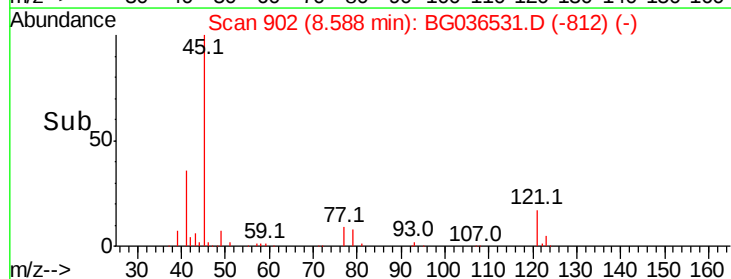
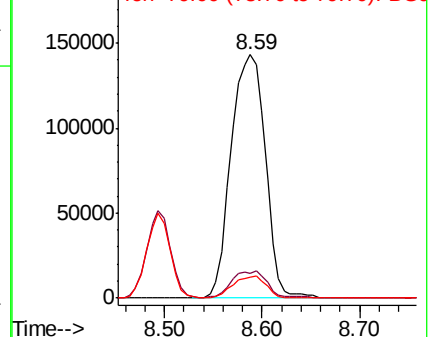
45 100

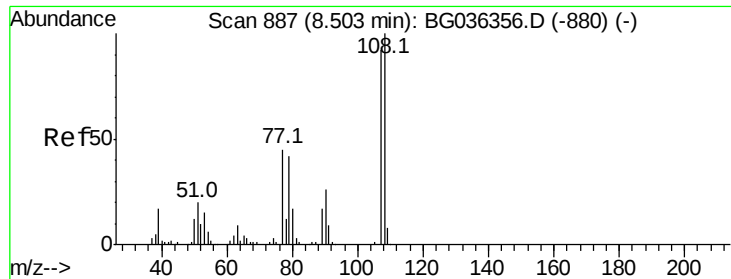
77 10.4 0.0 30.5

79 8.4 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

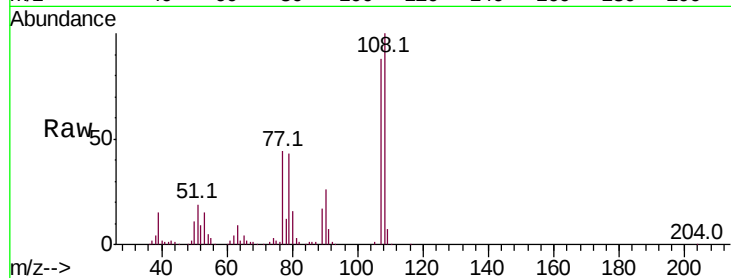




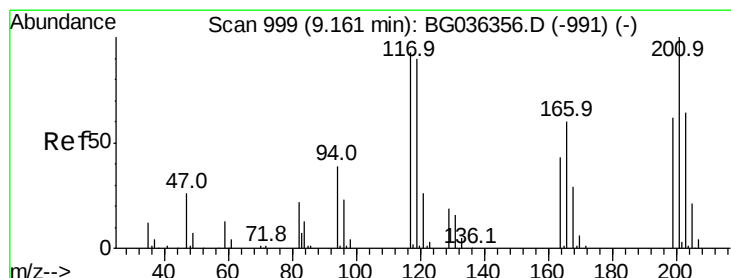
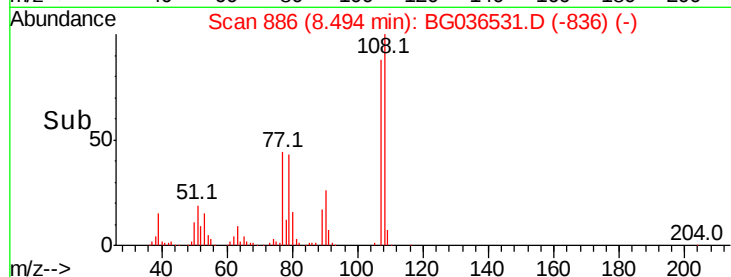
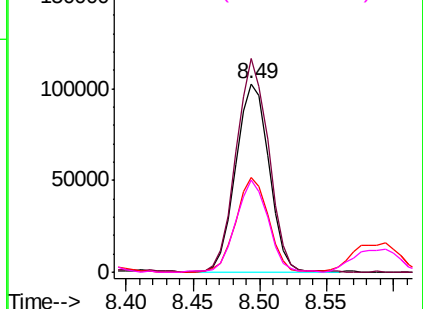
#17
2-Methylphenol
Concen: 41.340 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:107 Resp: 177736
Ion Ratio Lower Upper
107 100
108 113.2 86.7 130.1
77 49.9 39.0 58.4
79 48.8 36.6 54.8

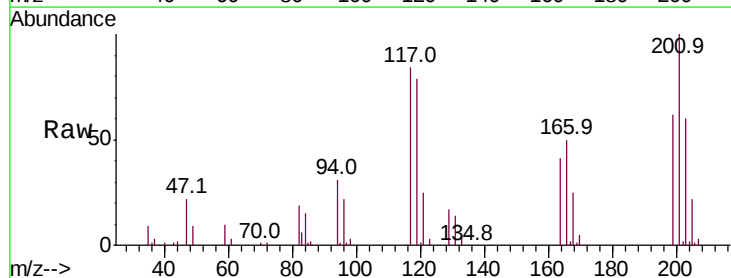


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

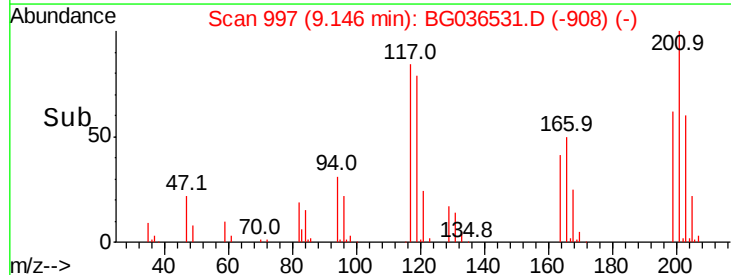
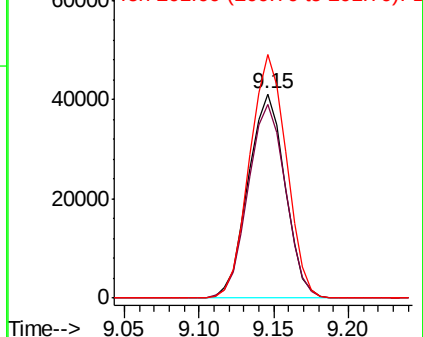


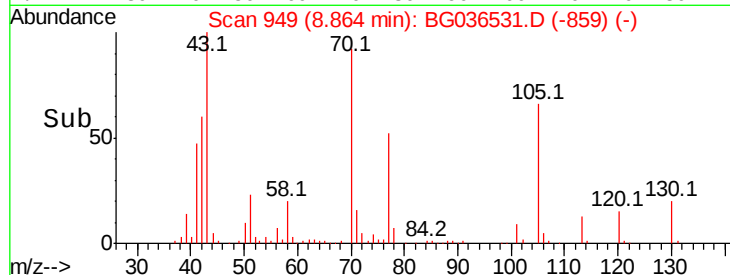
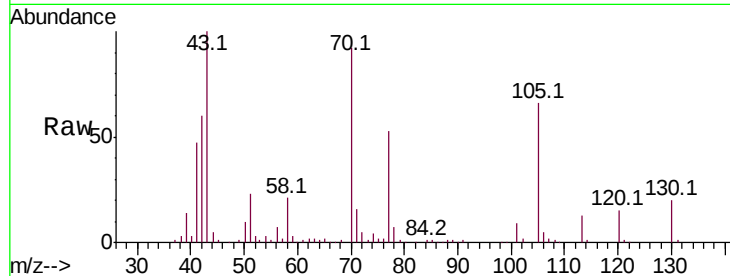
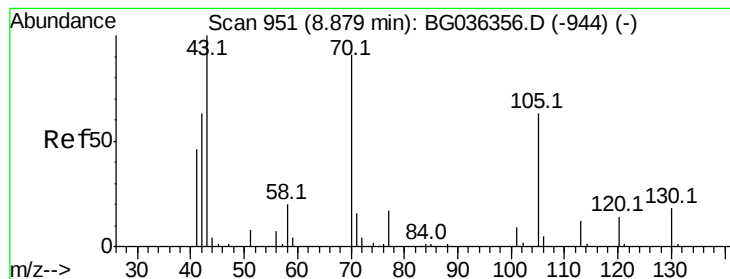
#18
Hexachloroethane
Concen: 36.268 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:117 Resp: 70254
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
201 119.2 85.7 128.5



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: 34.487 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

Tot Ion: 70 Resp: 159475

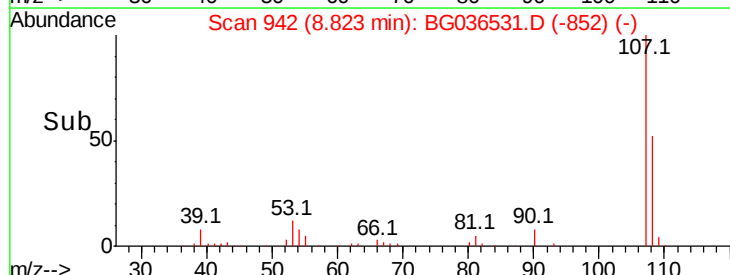
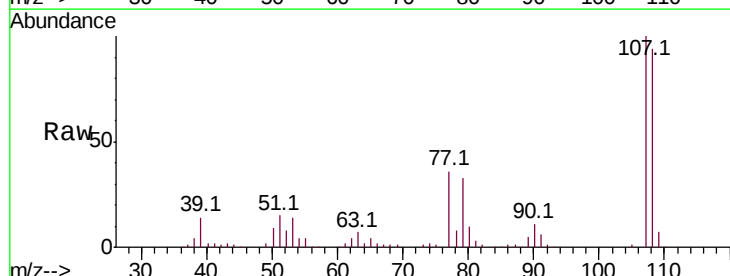
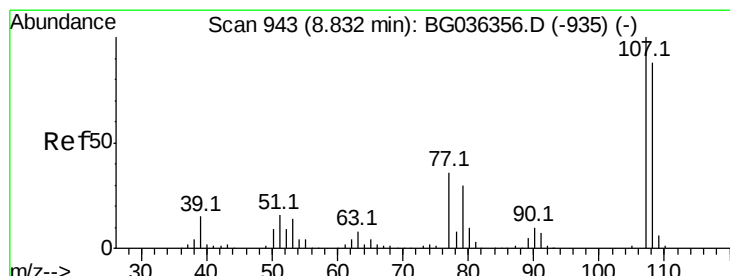
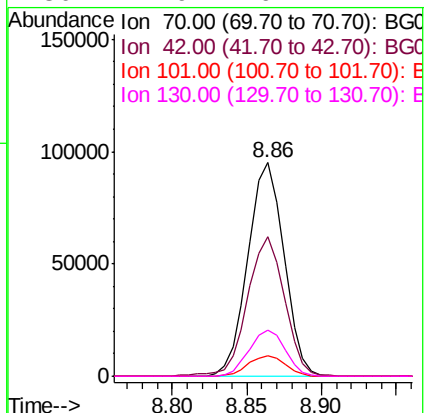
Ion Ratio Lower Upper

70 100

42 65.1 56.2 84.4

101 9.7 7.8 11.6

130 21.9 16.2 24.2



#20

3+4-Methylphenols

Concen: 39.804 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion: 107 Resp: 238926

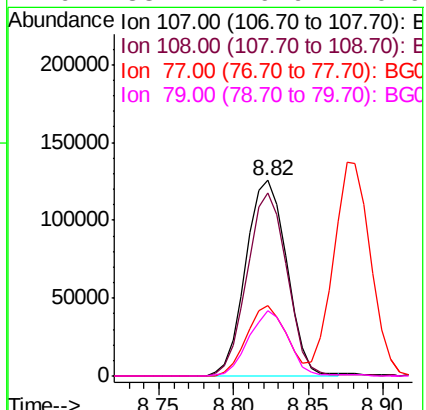
Ion Ratio Lower Upper

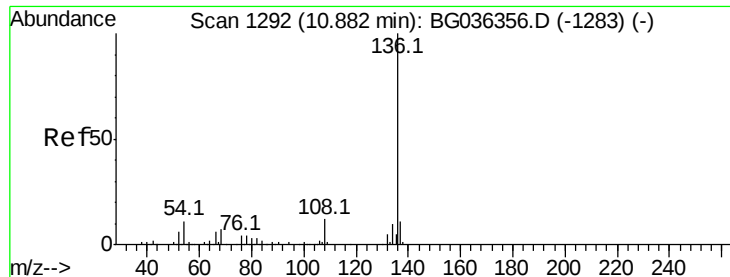
107 100

108 93.9 68.0 108.0

77 36.0 15.6 55.6

79 33.4 9.9 49.9

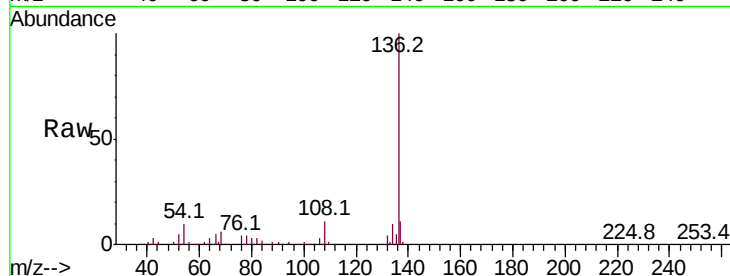




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:136	Resp:	287817
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 10.0	9.2	13.8
68 6.4	5.8	8.6



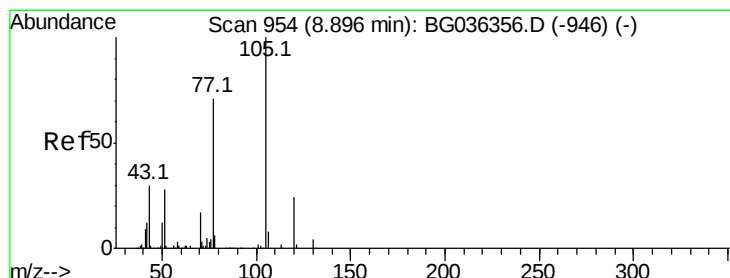
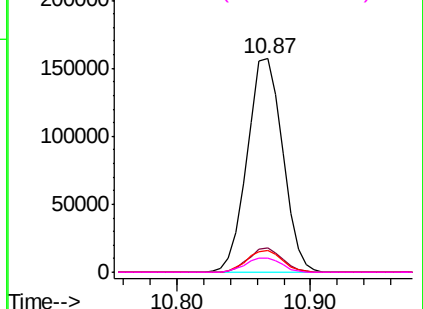
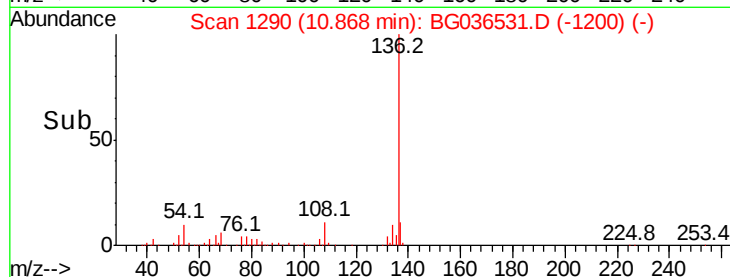
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

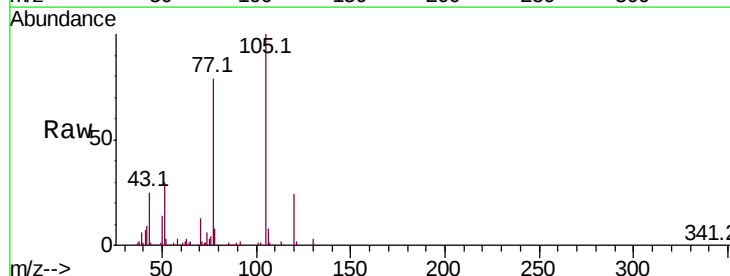
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.641 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt	Ion:105	Resp:	299602
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.4	3.6#
51	30.2	25.9	38.9
120	24.0	19.4	29.0



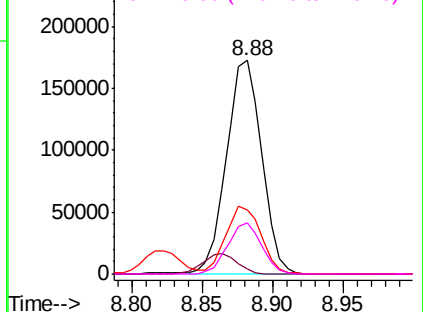
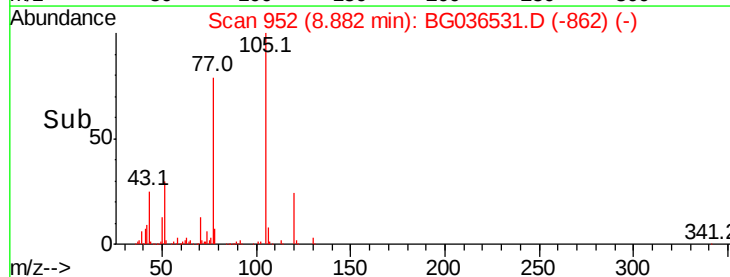
Abundance

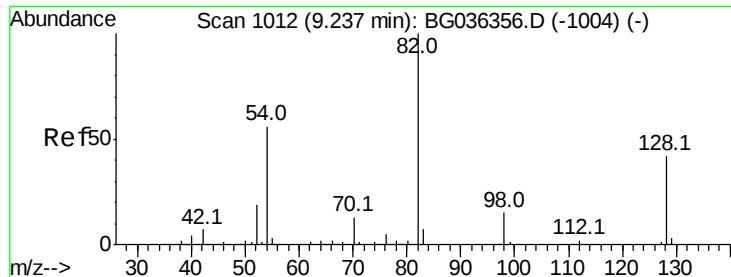
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

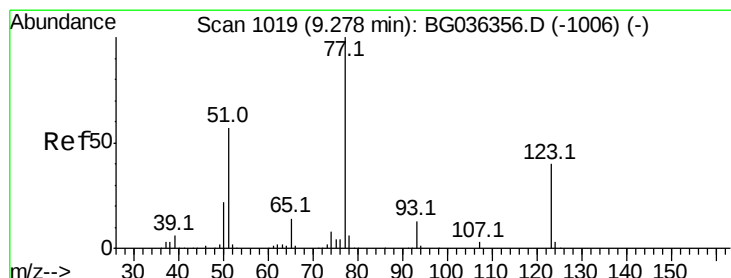
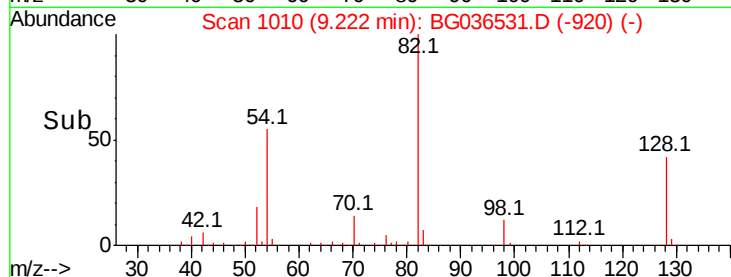
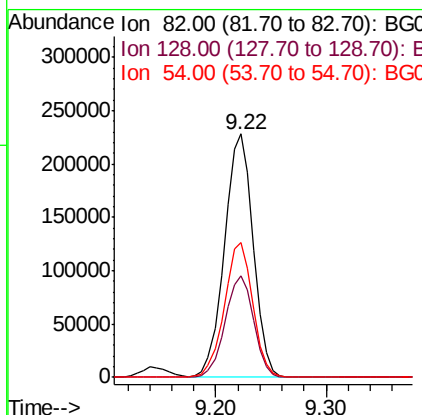
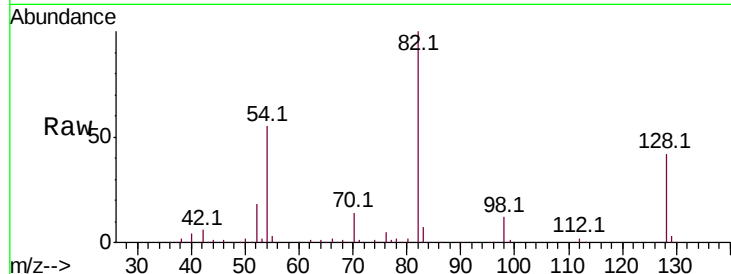




#23
 Nitrobenzene-d5
 Concen: 78.041 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

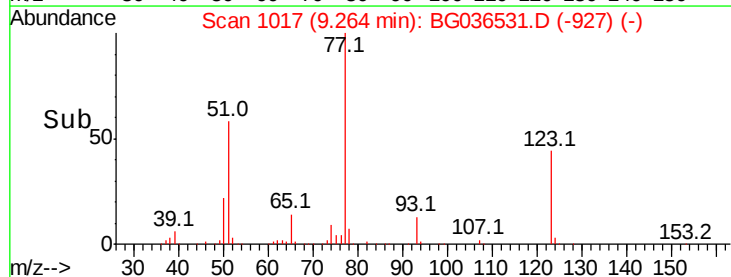
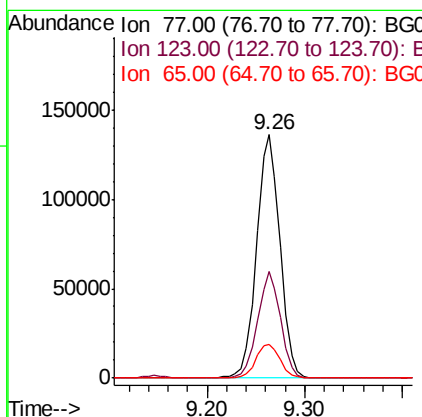
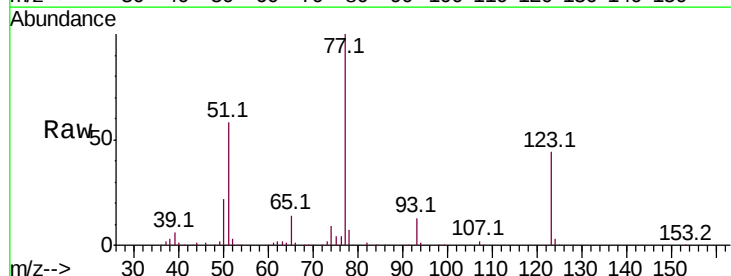
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

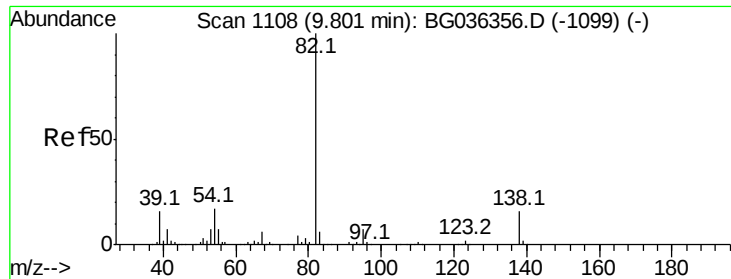
Tot Ion	82	Resp	413985
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.3	49.9
54	55.4	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.156 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	77	Resp	229702
Ion Ratio	Lower	Upper	
77	100		
123	43.9	32.4	48.6
65	13.9	11.5	17.3





#25

Isophorone

Concen: 42.613 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

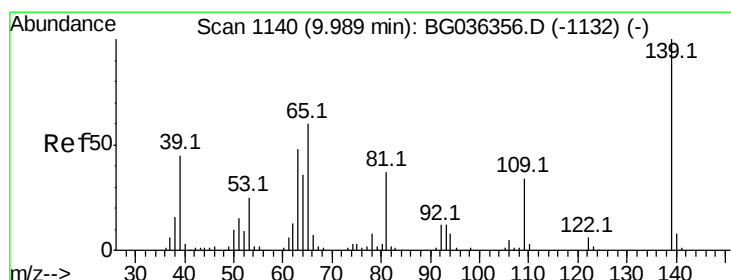
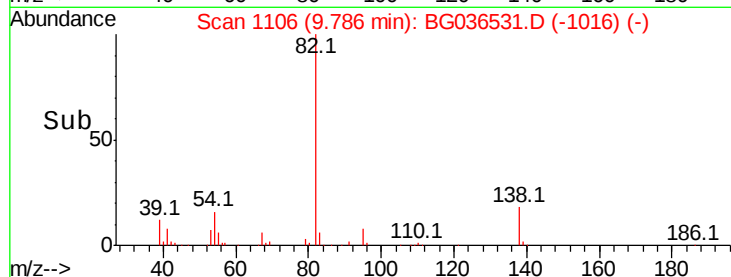
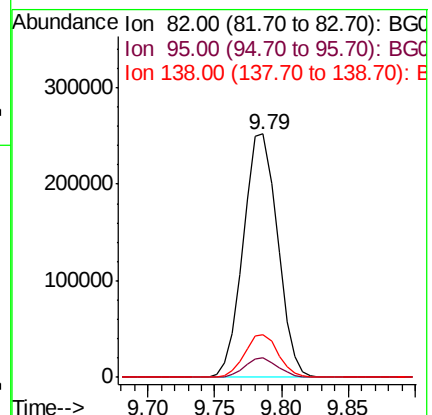
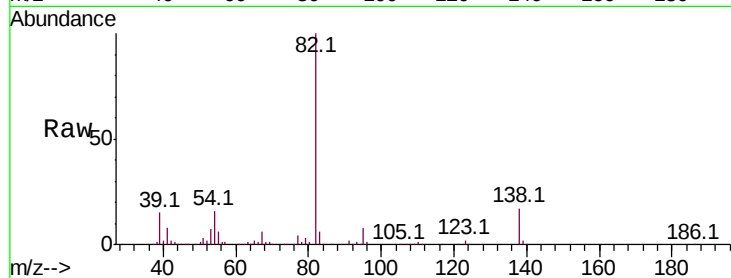
Tot Ion: 82 Resp: 449060

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

138 17.4 12.9 19.3



#26

2-Nitrophenol

Concen: 42.773 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

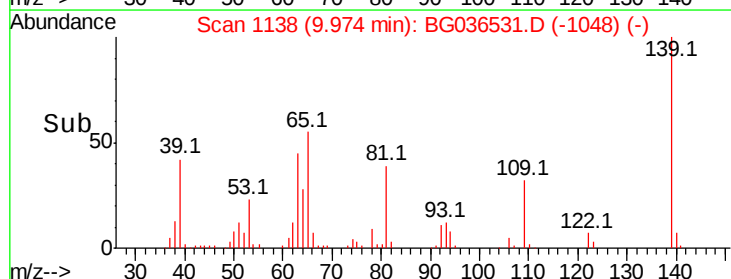
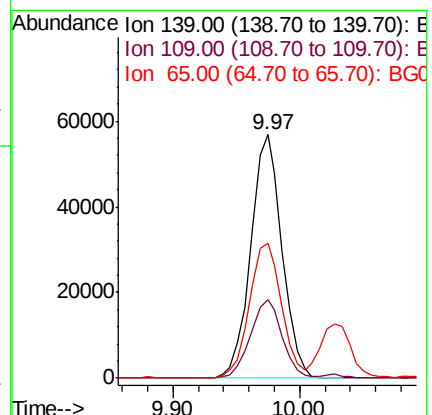
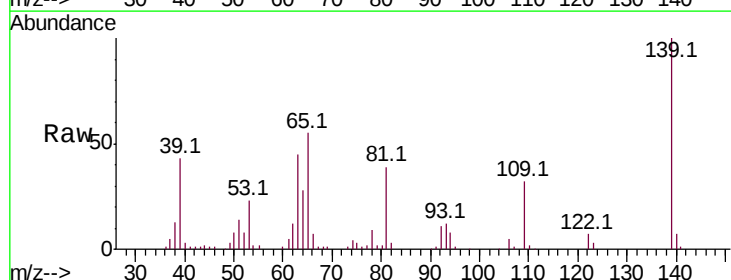
Tgt Ion:139 Resp: 96956

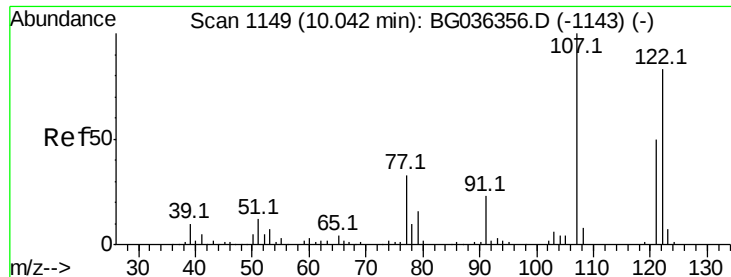
Ion Ratio Lower Upper

139 100

109 32.3 27.4 41.0

65 55.3 47.8 71.6

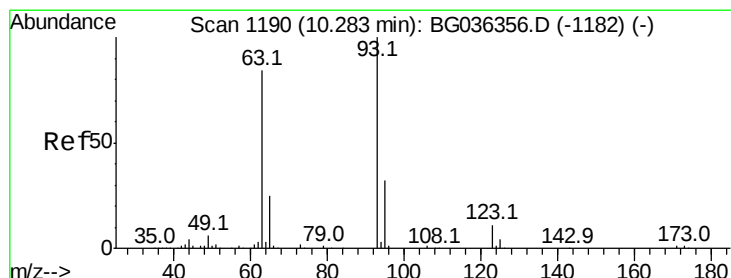
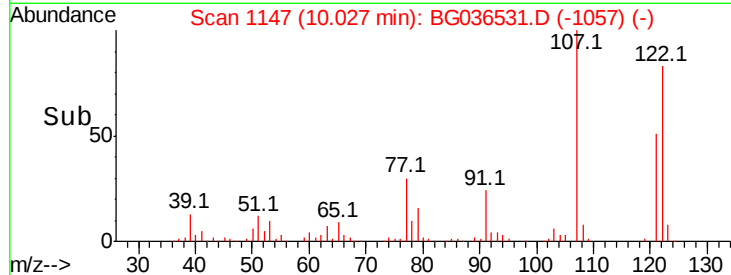
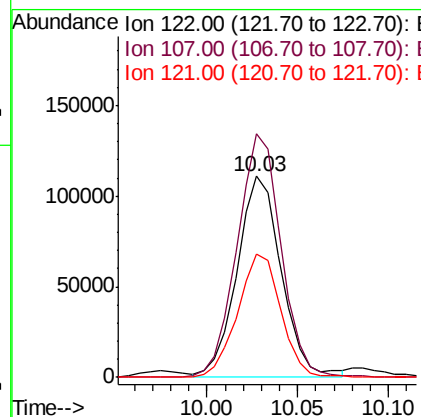
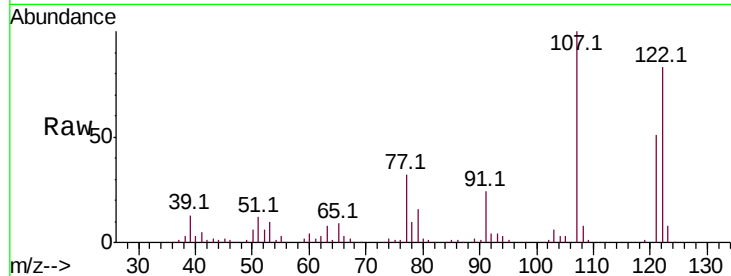




#27
 2,4-Dimethylphenol
 Concen: 45.015 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

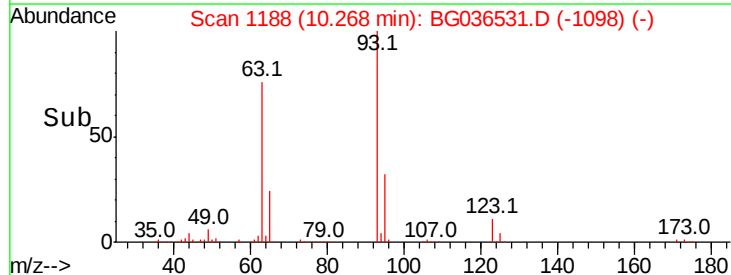
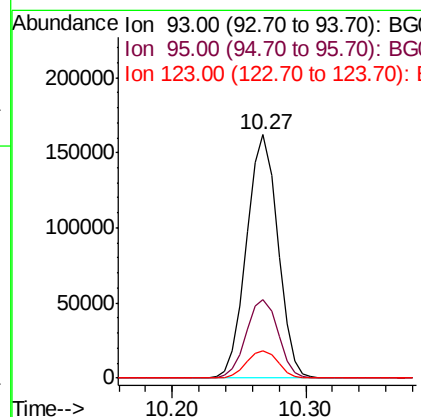
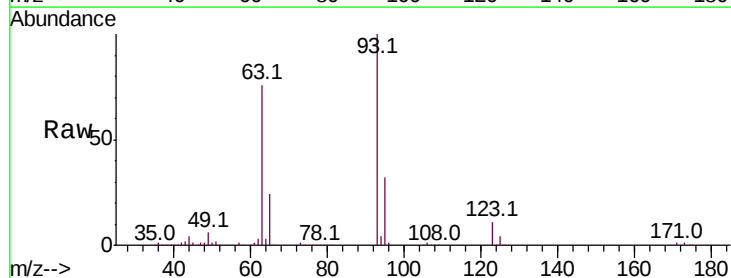
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

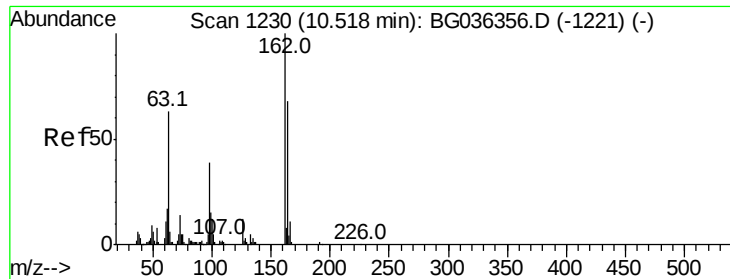
Tot Ion:	122	Resp:	188913
Ion	Ratio	Lower	Upper
122	100		
107	120.9	96.0	144.0
121	61.2	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.470 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:	93	Resp:	261738
Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.2	37.8
123	11.4	8.6	12.8

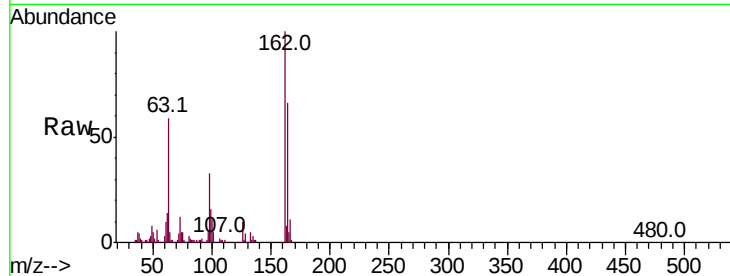




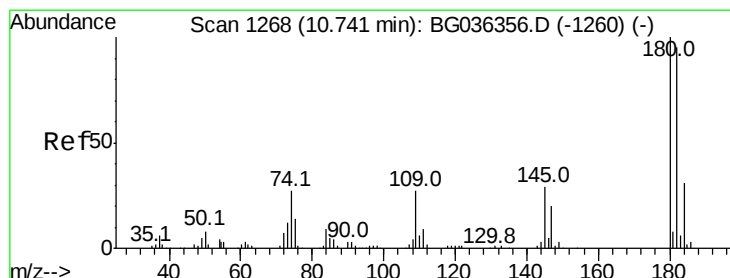
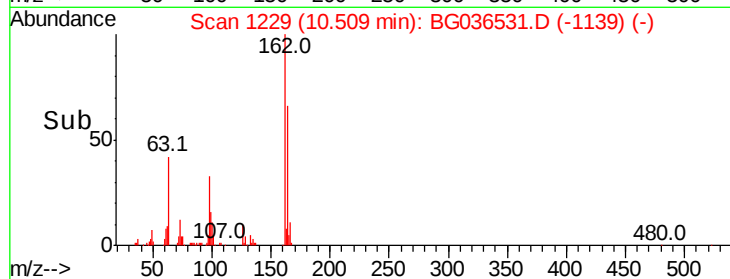
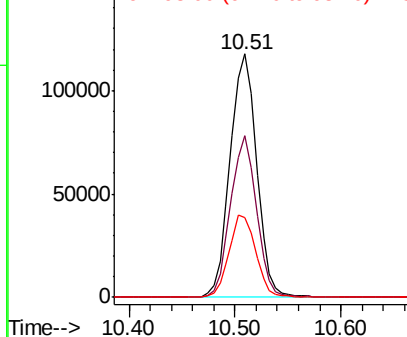
#29
2,4-Dichlorophenol
Concen: 44.624 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:162 Resp: 205236
Ion Ratio Lower Upper
162 100
164 66.4 47.6 87.6
98 33.0 19.2 59.2

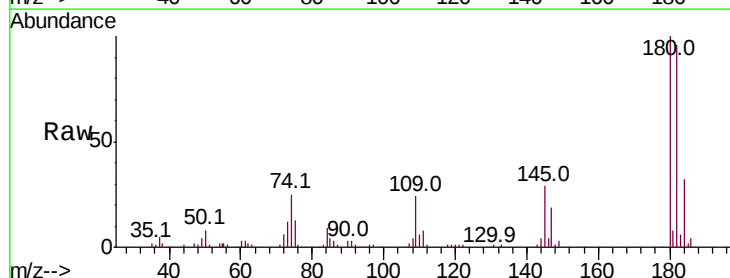


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

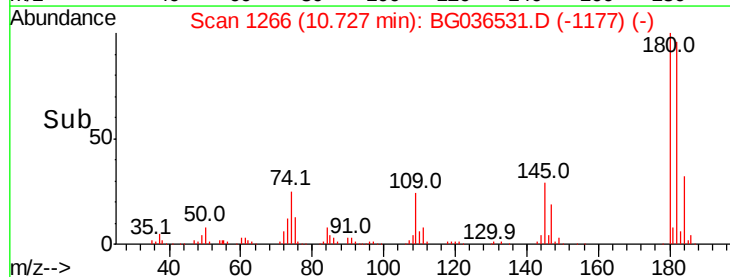
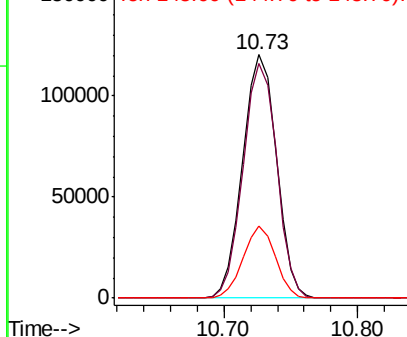


#30
1,2,4-Trichlorobenzene
Concen: 39.289 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:180 Resp: 211391
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 29.5 22.9 34.3



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

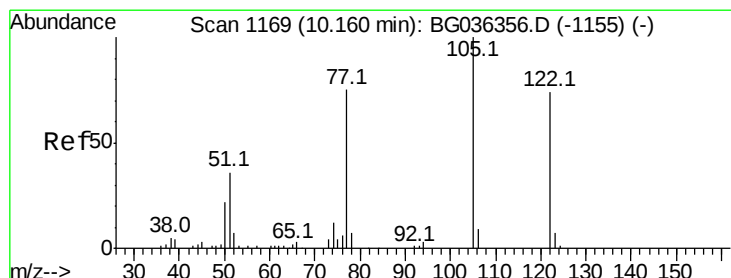
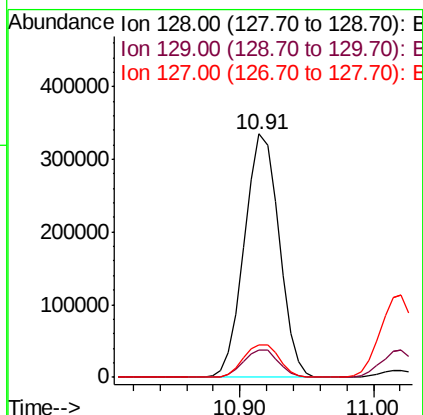
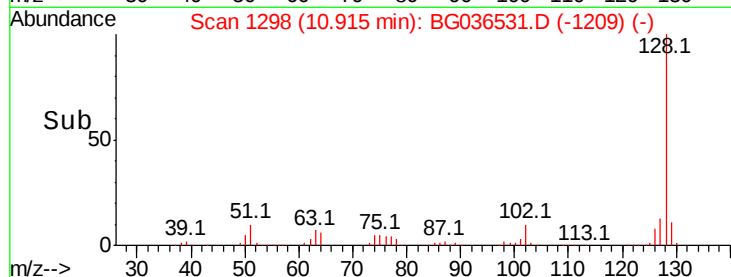
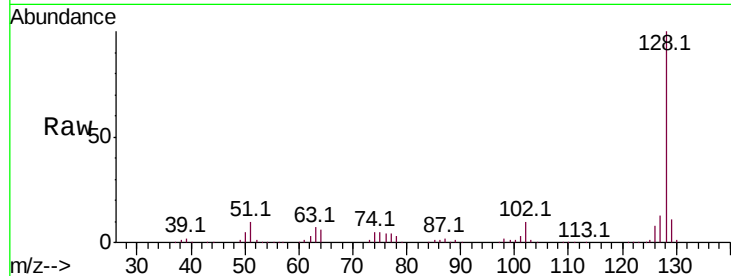




#31
Naphthalene
Concen: 41.922 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

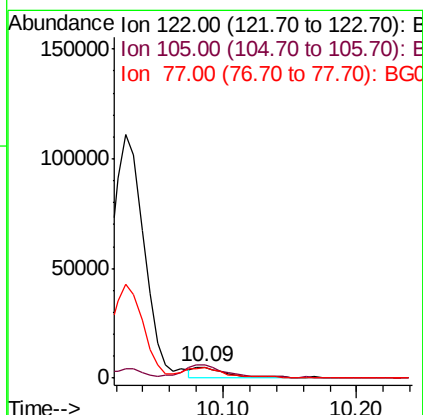
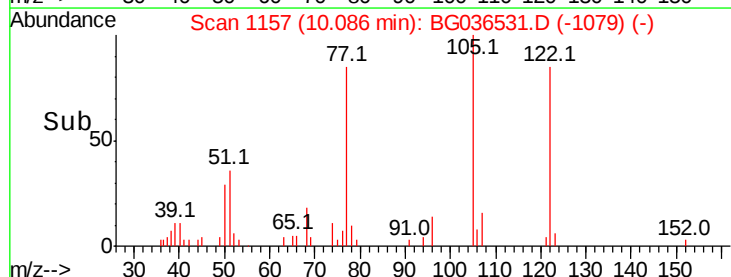
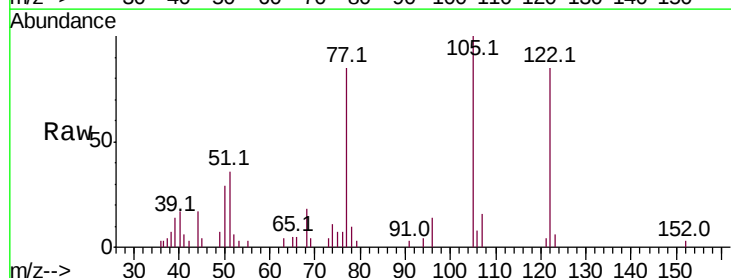
Instrument :
BNA_G
ClientSampleId :
SB-03MSD

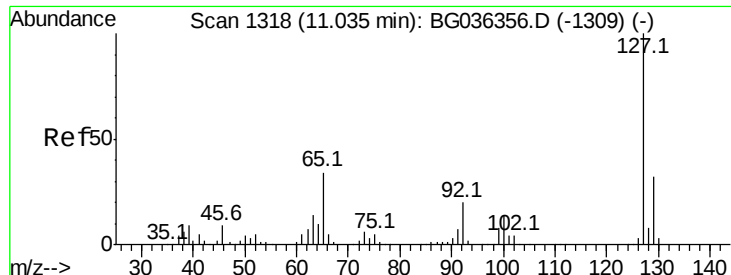
Tot Ion:128 Resp: 603163
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 6.990 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.07 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:122 Resp: 8618
Ion Ratio Lower Upper
122 100
105 118.3 108.1 148.1
77 100.3 76.3 116.3

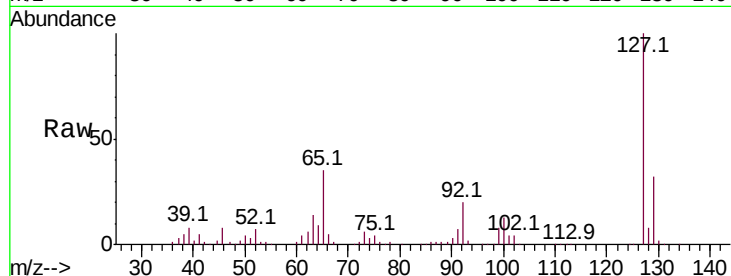




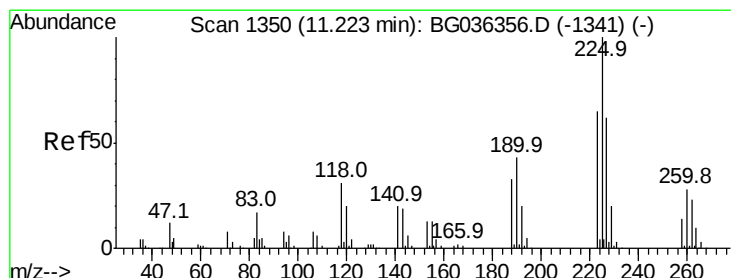
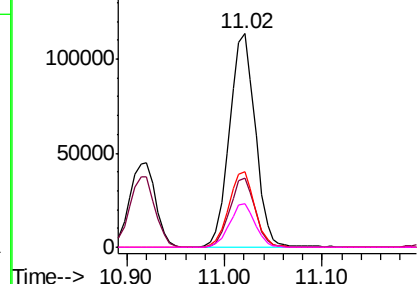
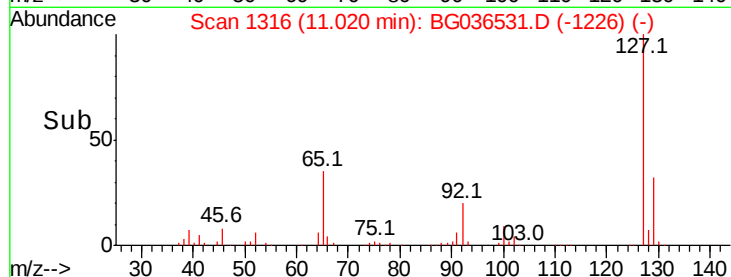
#33
4-Chloroaniline
Concen: 31.702 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:127 Resp: 209012
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 35.4 27.5 41.3
92 20.5 16.2 24.2

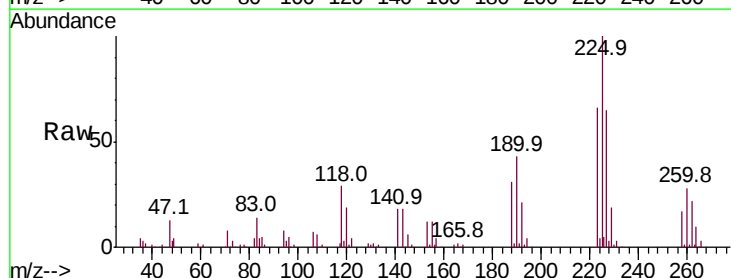


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

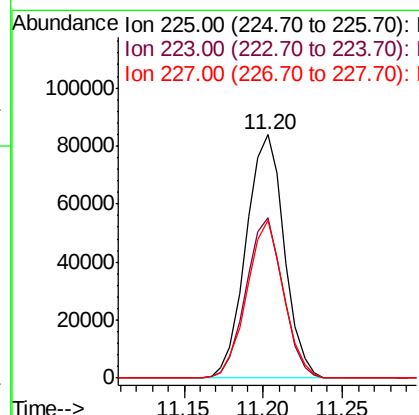
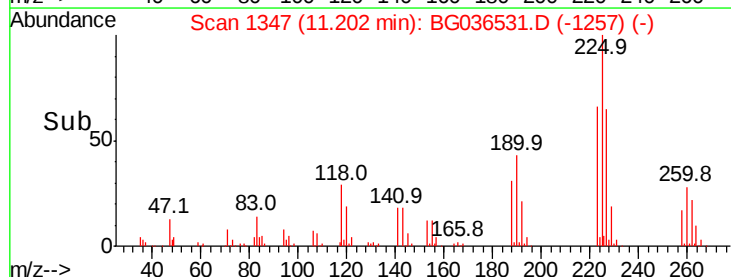


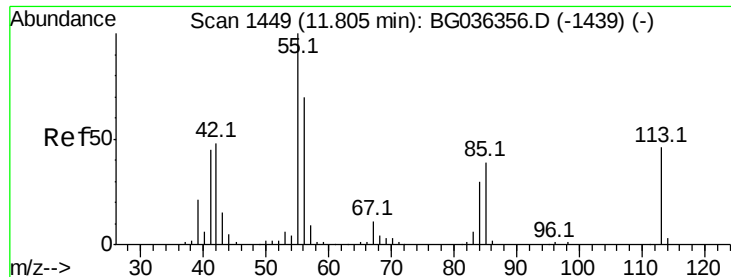
#34
Hexachlorobutadiene
Concen: 38.717 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:225 Resp: 139962
Ion Ratio Lower Upper
225 100
223 65.9 51.8 77.8
227 64.7 49.8 74.6



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

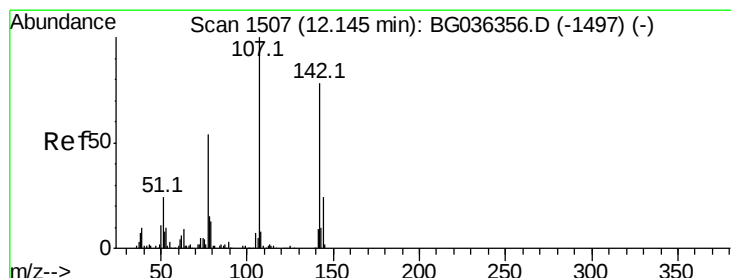
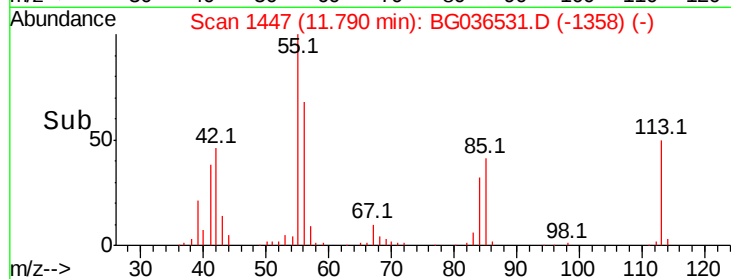
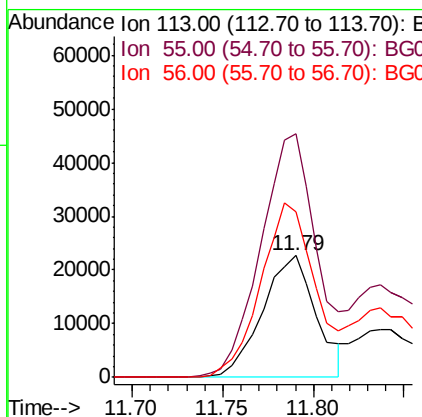
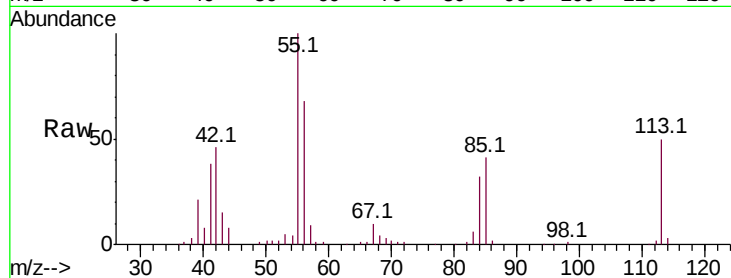




#35
 Caprolactam
 Concen: 25.450 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

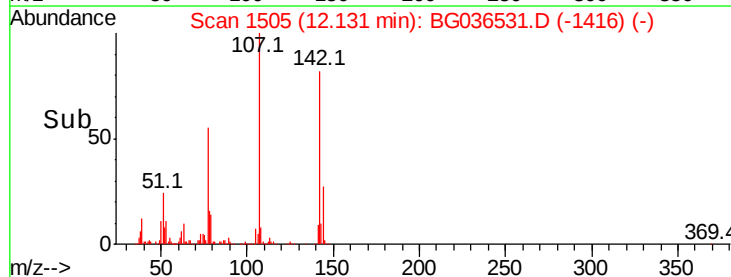
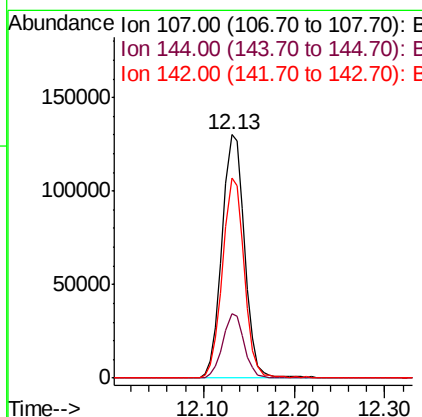
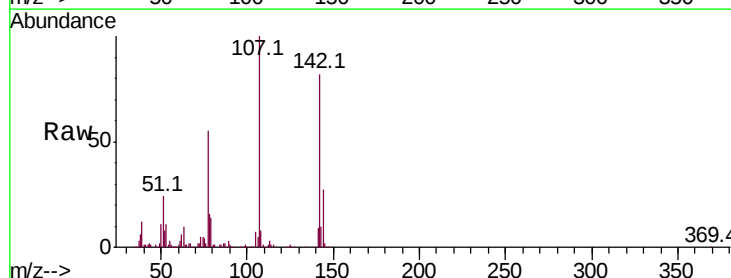
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

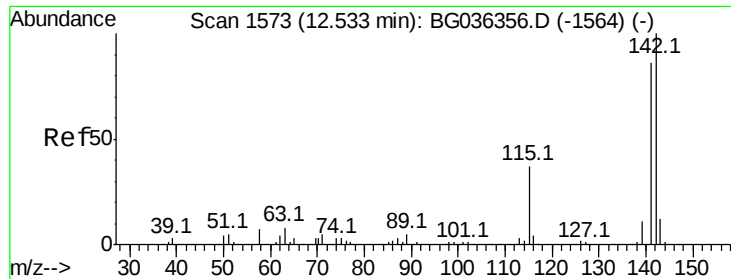
Tot Ion:113 Resp: 46629
 Ion Ratio Lower Upper
 113 100
 55 200.0 197.7 237.7
 56 135.6 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.245 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:107 Resp: 225762
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.5 29.3
 142 82.1 62.4 93.6

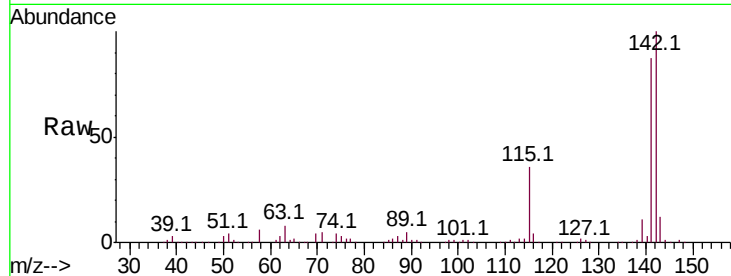




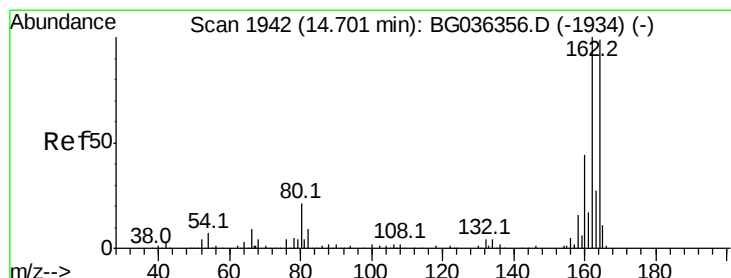
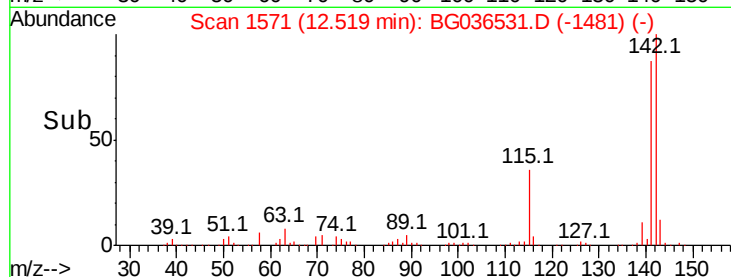
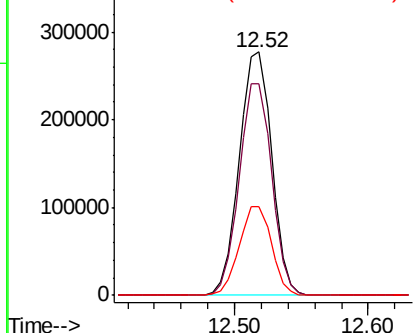
#37
2-Methylnaphthalene
Concen: 44.322 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion:142 Resp: 466597
Ion Ratio Lower Upper
142 100
141 86.7 68.5 102.7
115 36.2 29.8 44.8

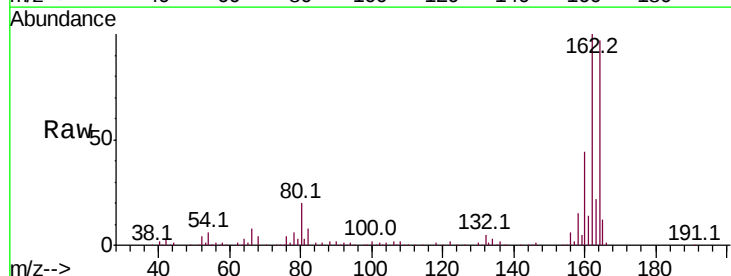


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

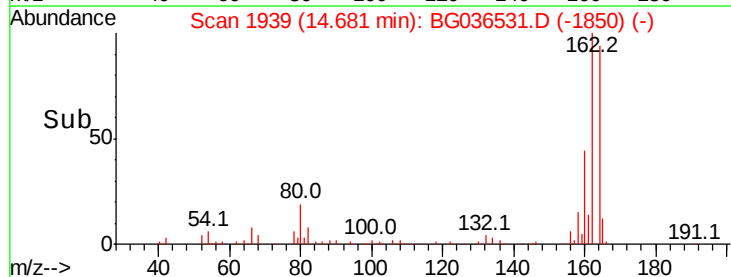
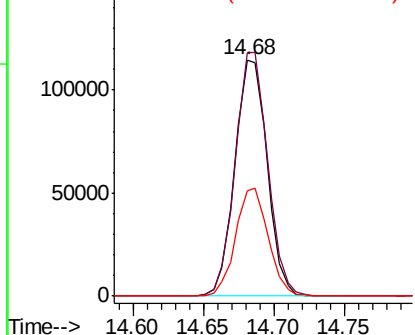


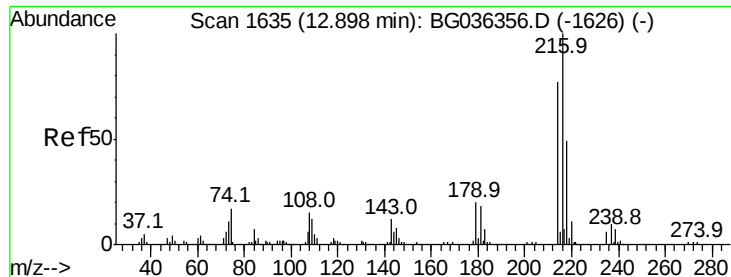
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:164 Resp: 183113
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 44.8 35.3 52.9



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: 40.849 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

Tot Ion:216 Resp: 264709

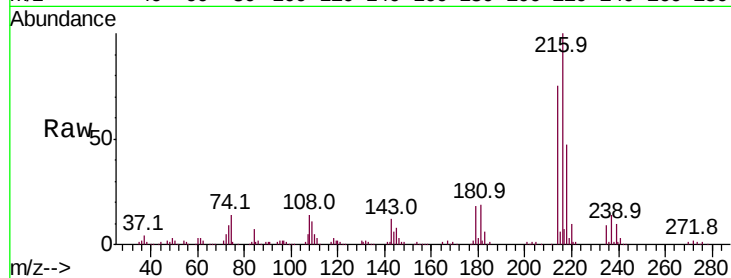
Ion Ratio Lower Upper

216 100

214 77.1 61.0 91.6

179 19.4 15.7 23.5

108 17.5 13.1 19.7

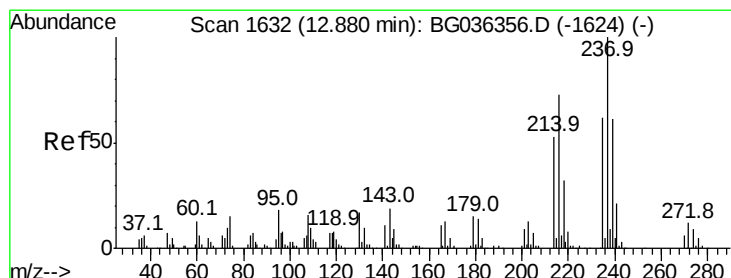
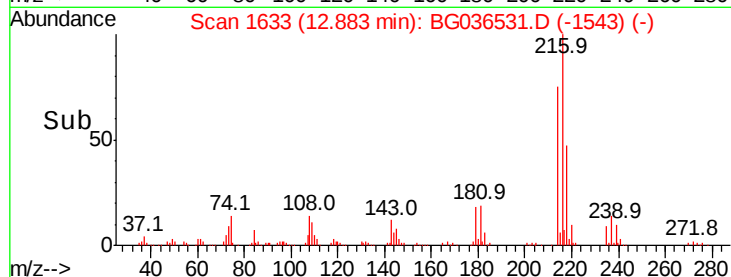
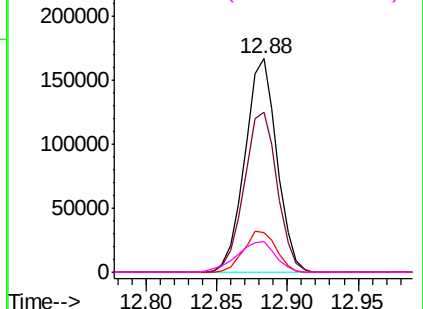


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.295 ng

RT: 12.87 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

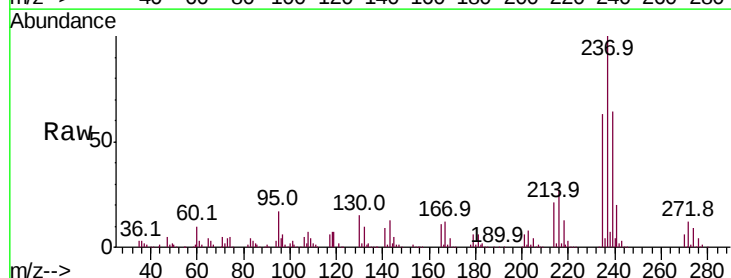
Tgt Ion:237 Resp: 301070

Ion Ratio Lower Upper

237 100

235 62.8 42.2 82.2

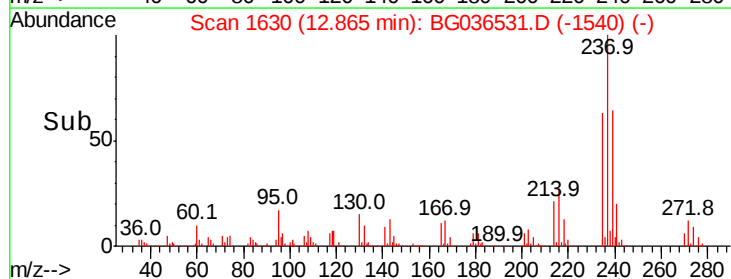
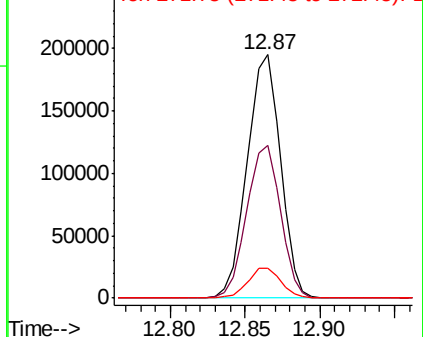
272 12.2 0.0 32.1

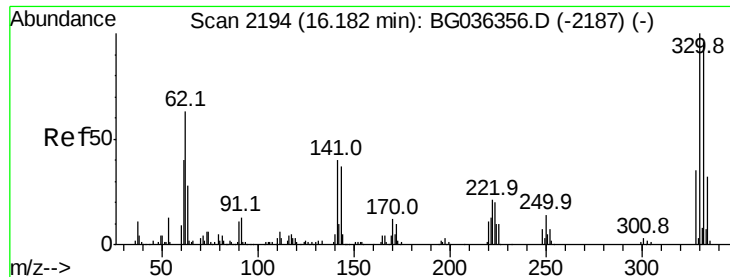


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

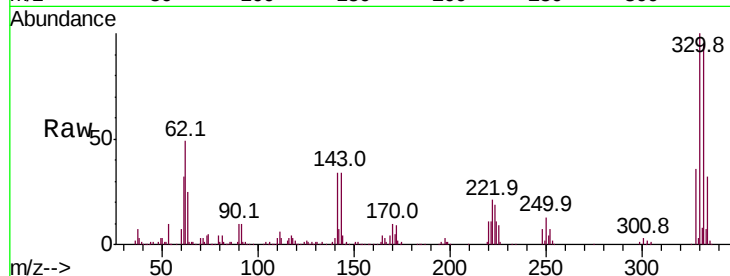




#41
 2,4,6-Tribromophenol
 Concen: 126.762 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleID :
 SB-03MSD

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.3			75.4	113.2	
141	36.4			30.7	46.1	

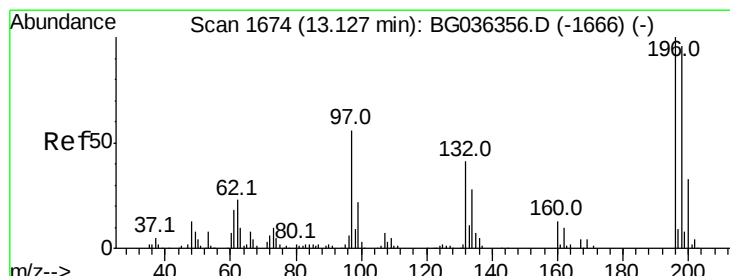
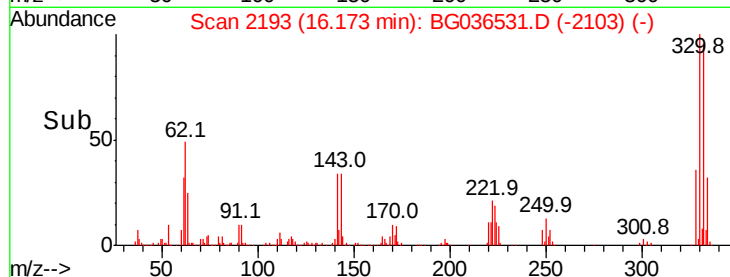
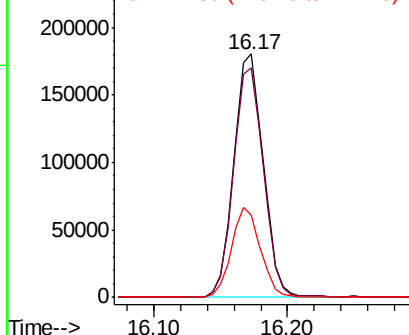


Abundance

Ion 329.80 (329.50 to 330.50): E

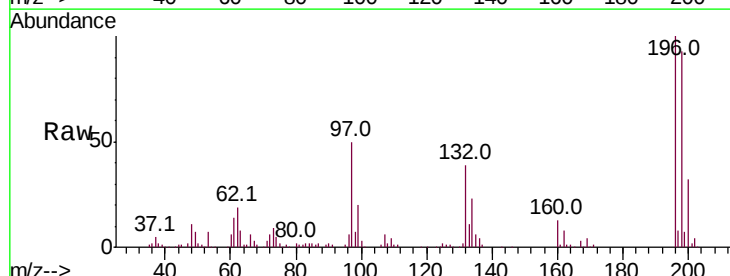
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.989 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	92.9			77.2	115.8	
200	31.8			26.3	39.5	

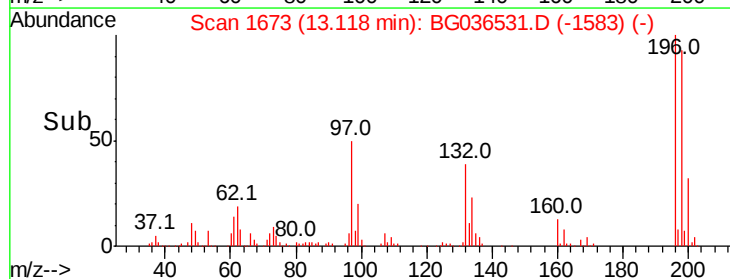
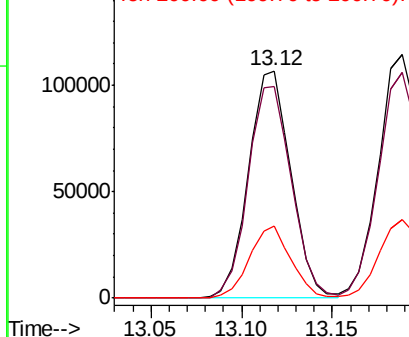


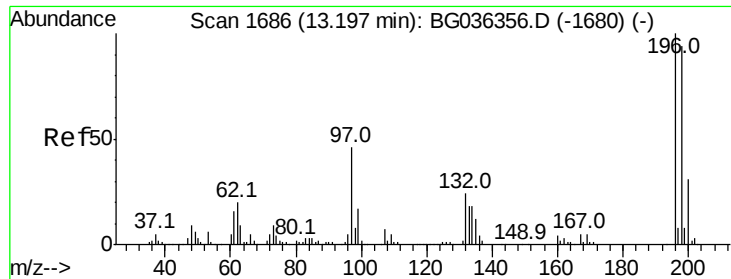
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

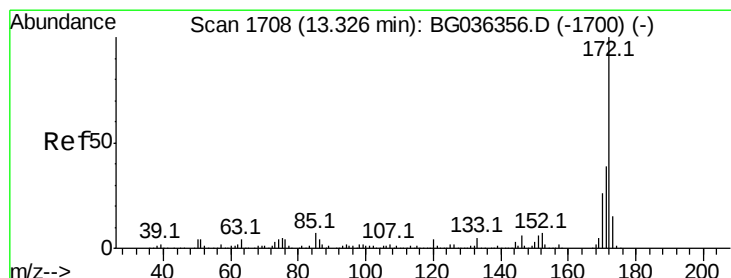
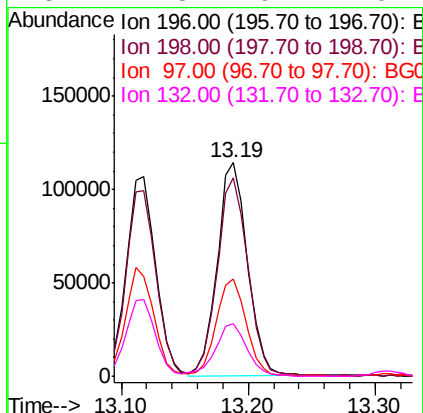
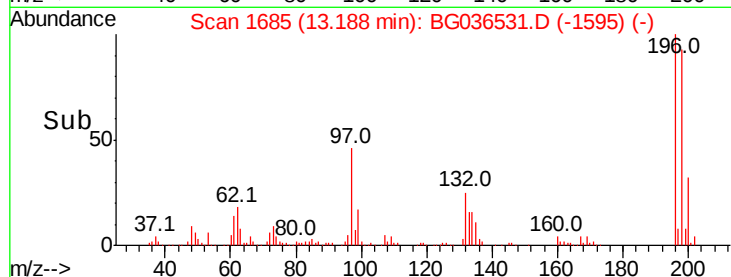
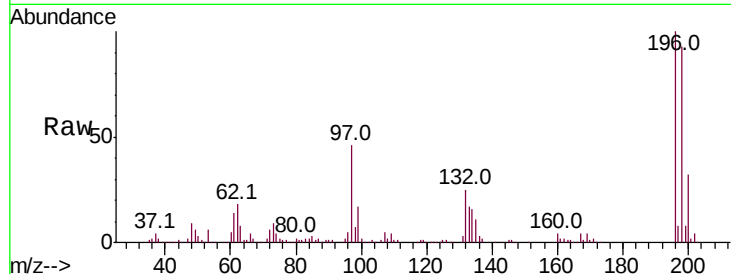




#43
 2,4,5-Trichlorophenol
 Concen: 45.107 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

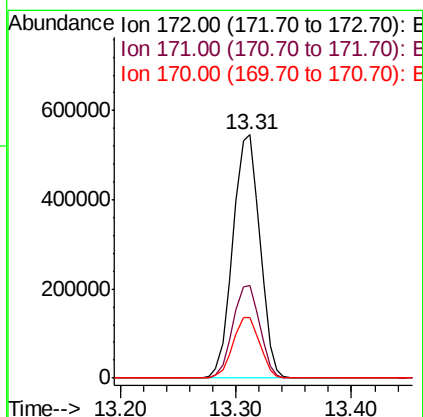
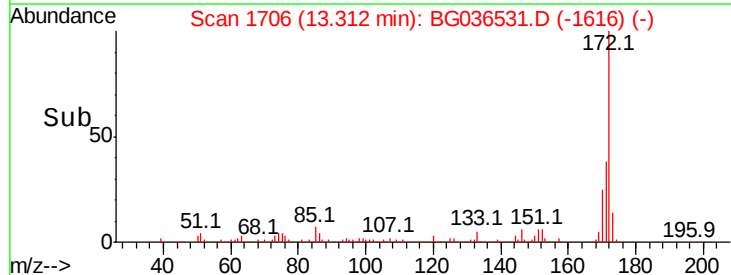
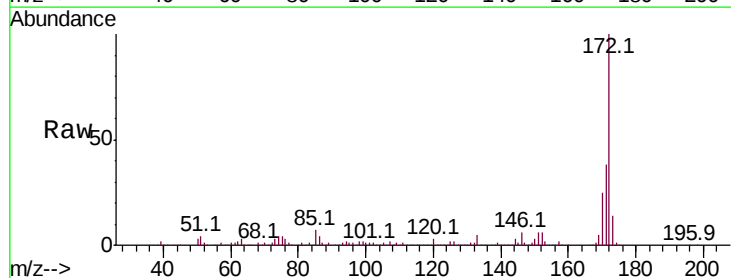
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

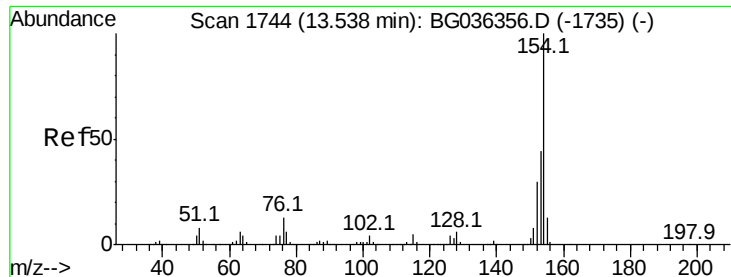
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.6	113.4
97	45.6	37.2	55.8
132	24.8	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 68.875 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.1	21.0	31.6





#45

1,1'-Biphenyl

Concen: 38.539 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

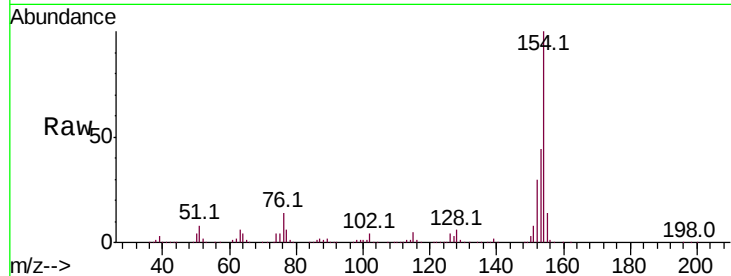
Tot Ion:154 Resp: 585787

Ion Ratio Lower Upper

154 100

153 44.0 24.0 64.0

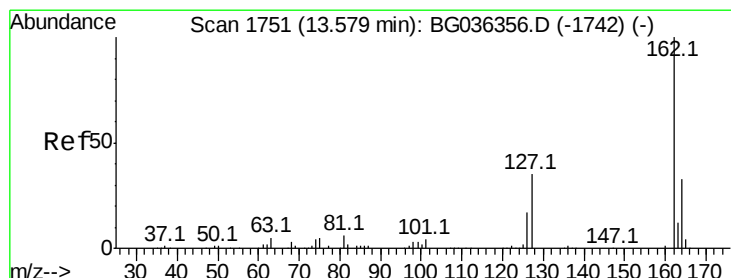
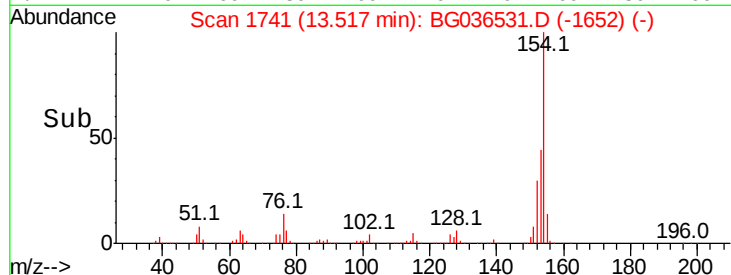
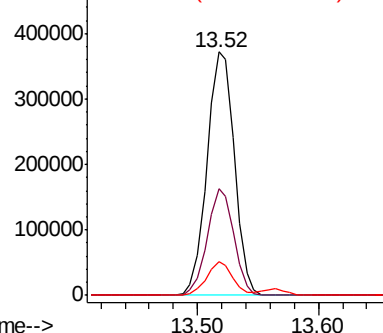
76 14.0 0.0 32.9



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): B



#46

2-Chloronaphthalene

Concen: 39.291 ng

RT: 13.56 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

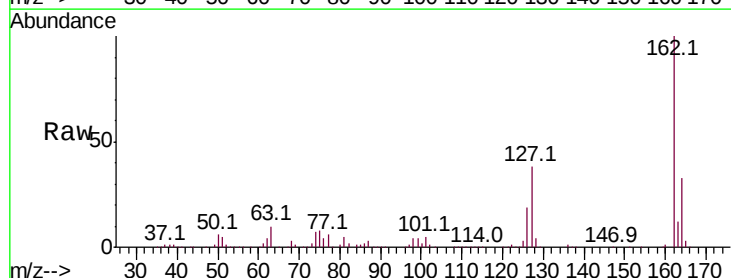
Tgt Ion:162 Resp: 455928

Ion Ratio Lower Upper

162 100

127 37.6 30.7 46.1

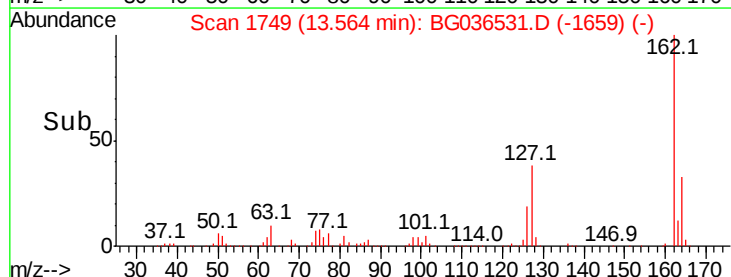
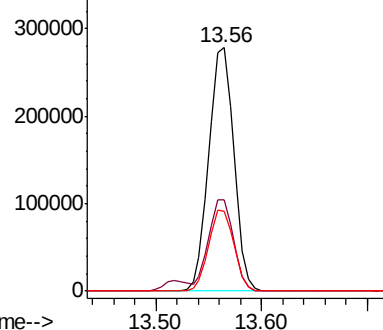
164 32.9 26.7 40.1

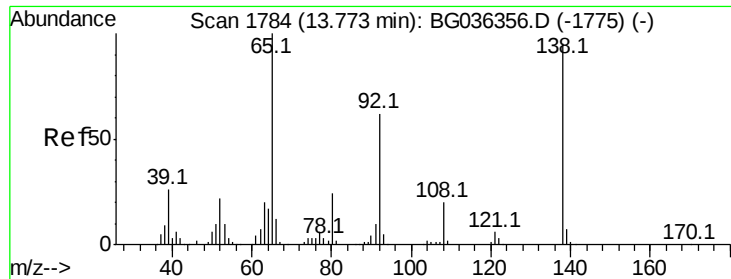


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

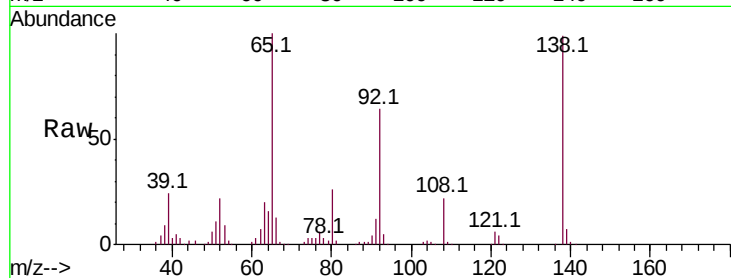




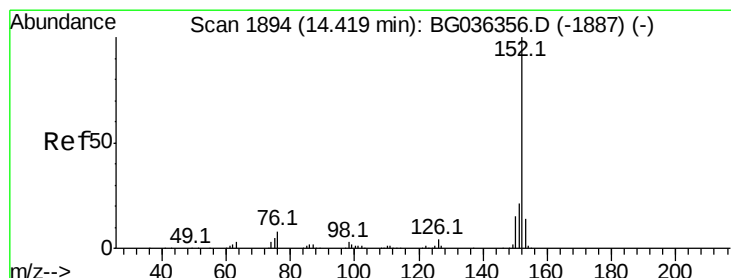
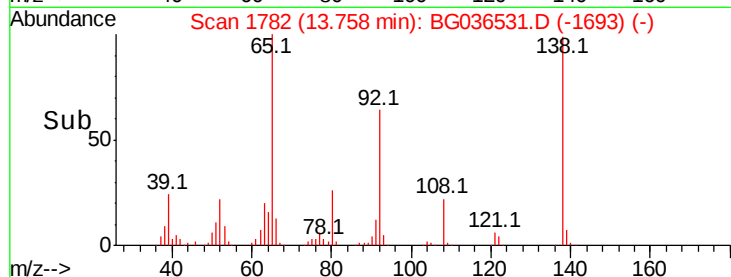
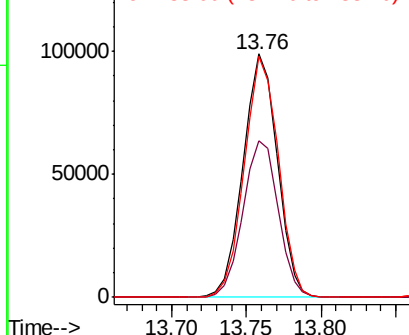
#47
2-Nitroaniline
Concen: 43.149 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion: 65 Resp: 157225
Ion Ratio Lower Upper
65 100
92 64.5 49.9 74.9
138 99.2 76.2 114.4

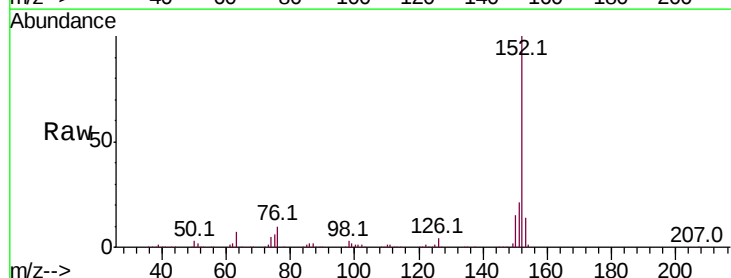


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

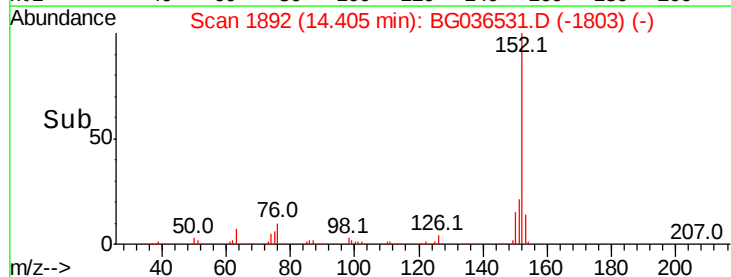
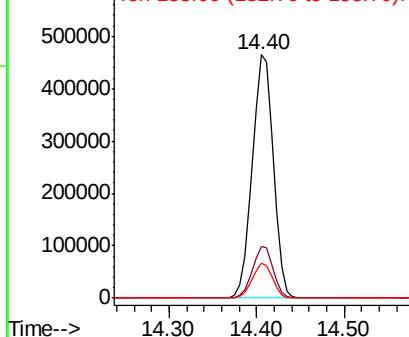


#48
Acenaphthylene
Concen: 41.750 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion: 152 Resp: 757140
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.1 11.2 16.8



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: 54.781 ng

RT: 14.14 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

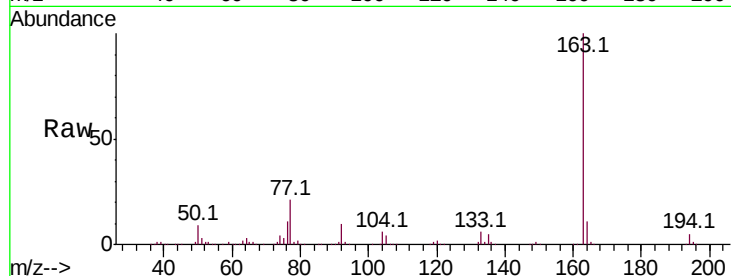
Tot Ion:163 Resp: 819091

Ion Ratio Lower Upper

163 100

194 5.3 4.0 6.0

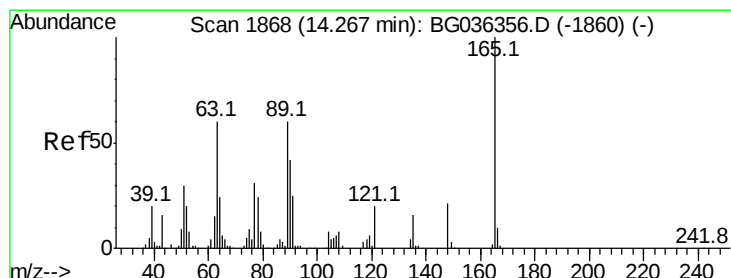
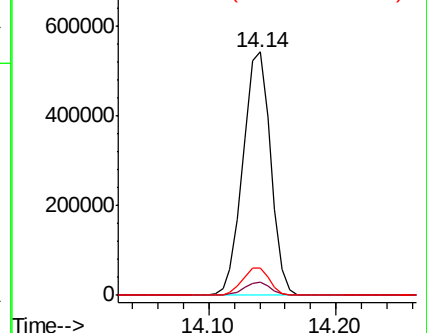
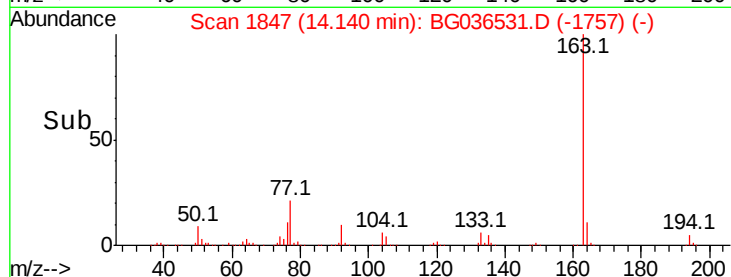
164 11.1 8.1 12.1



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: 41.996 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

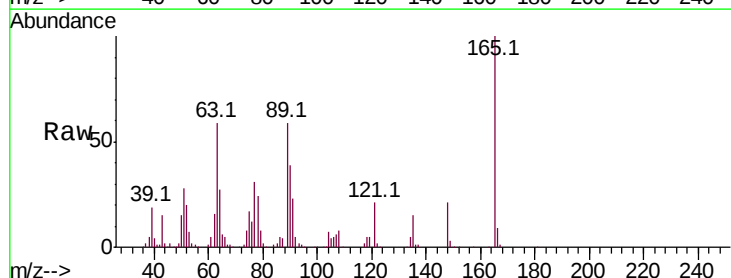
Tgt Ion:165 Resp: 129210

Ion Ratio Lower Upper

165 100

63 58.9 50.1 75.1

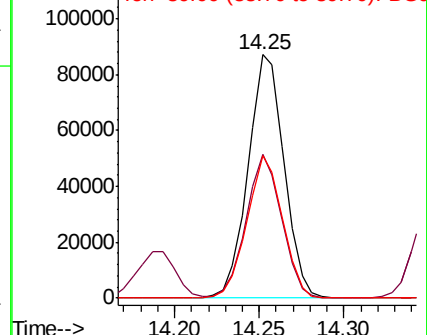
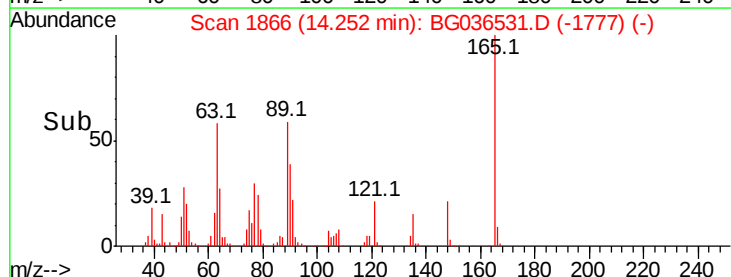
89 58.7 47.8 71.6

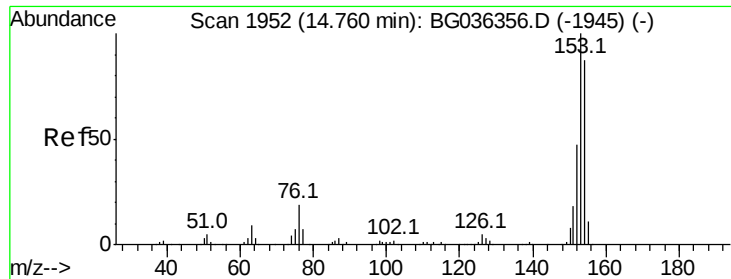


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.040 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

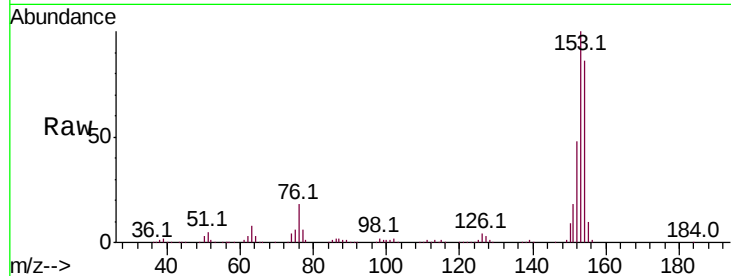
Tot Ion:154 Resp: 499886

Ion Ratio Lower Upper

154 100

153 116.1 91.8 137.6

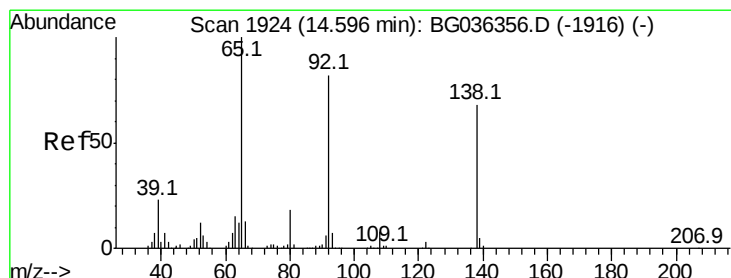
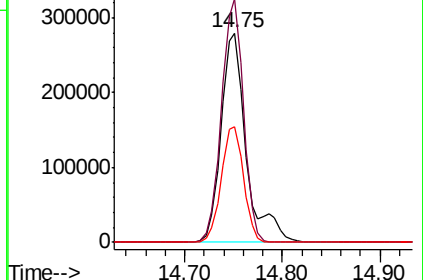
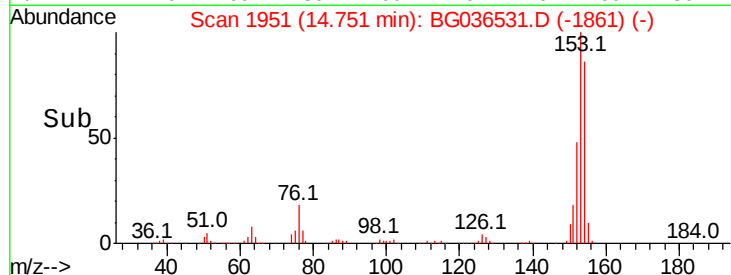
152 55.2 43.5 65.3



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



#52

3-Nitroaniline

Concen: 38.433 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

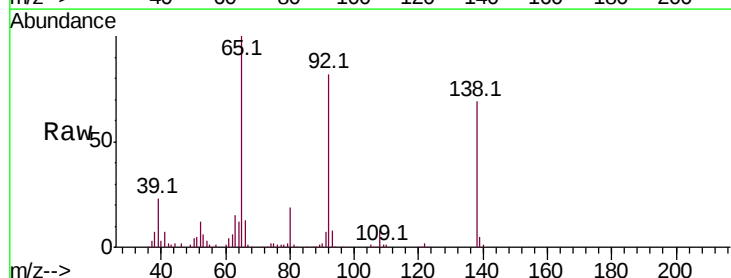
Tgt Ion:138 Resp: 127428

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

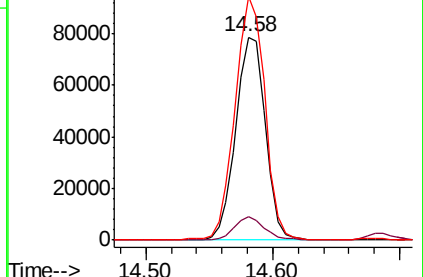
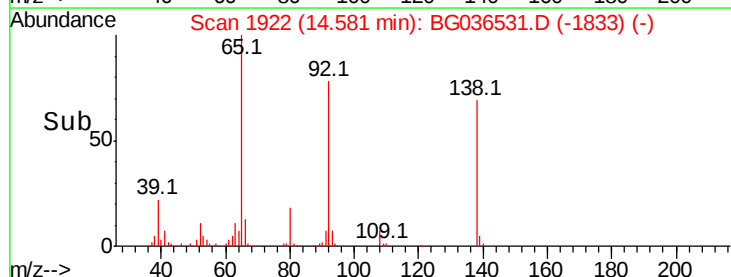
92 119.9 96.8 145.2

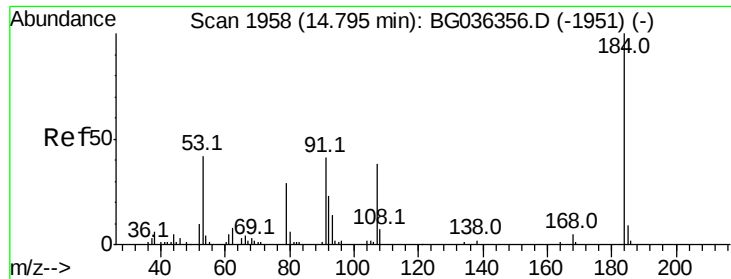


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

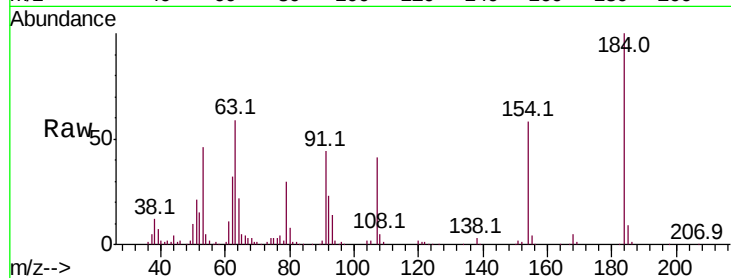




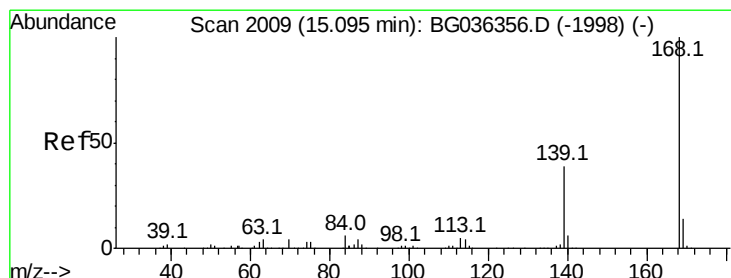
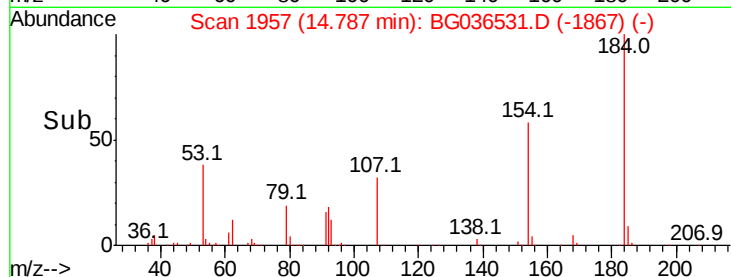
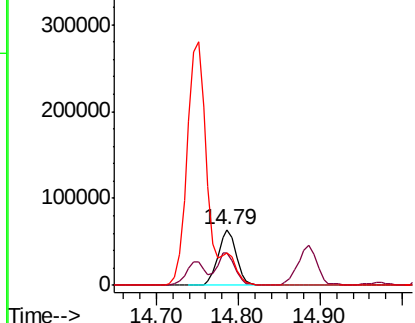
#53
 2,4-Dinitrophenol
 Concen: 87.505 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:184 Resp: 101979
 Ion Ratio Lower Upper
 184 100
 63 58.7 47.3 70.9
 154 58.0 51.1 76.7

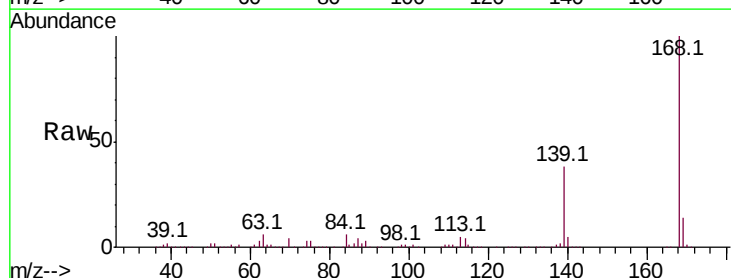


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

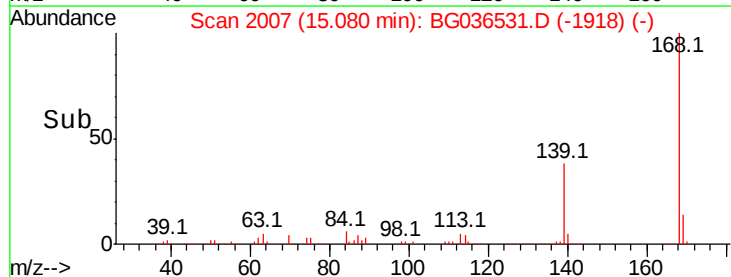
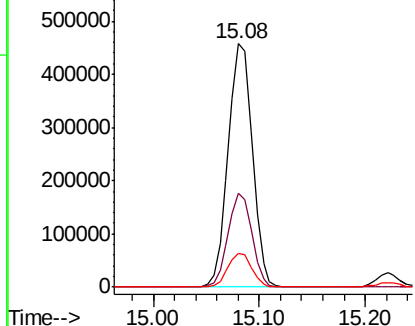


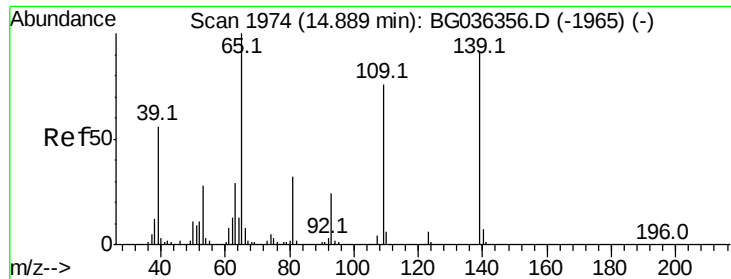
#54
 Dibenzofuran
 Concen: 39.788 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:168 Resp: 723974
 Ion Ratio Lower Upper
 168 100
 139 38.4 31.0 46.6
 169 13.9 11.1 16.7



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

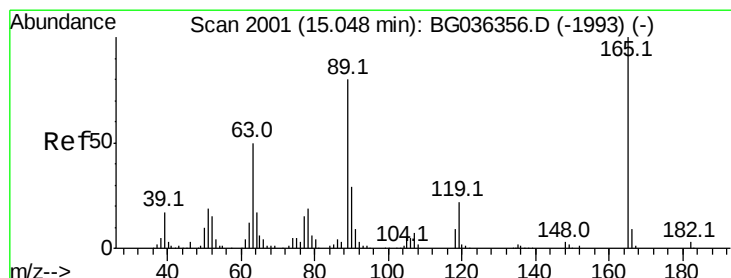
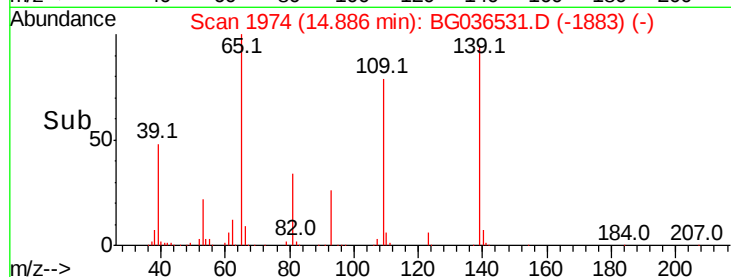
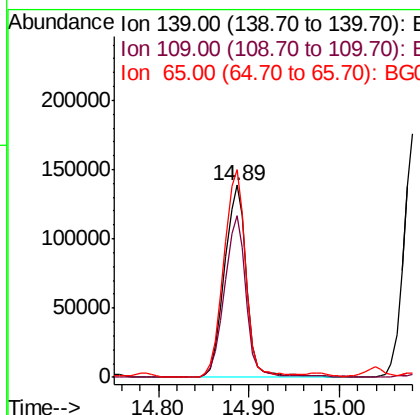
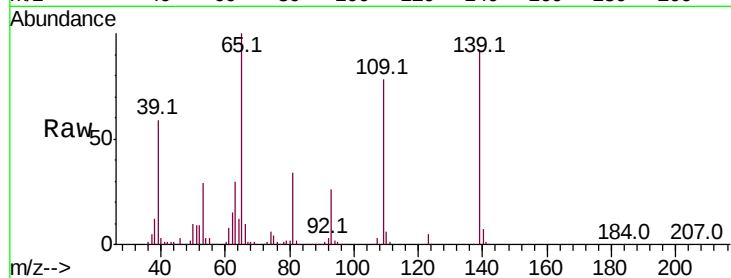




#55
4-Nitrophenol
Concen: 86.239 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

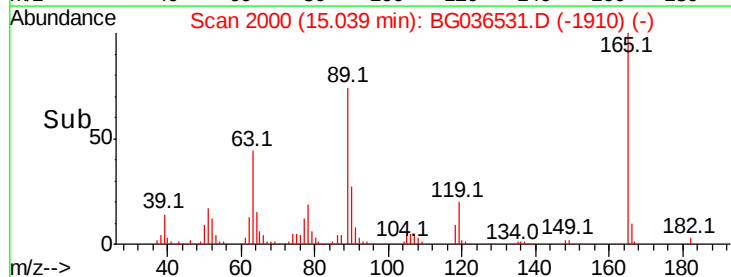
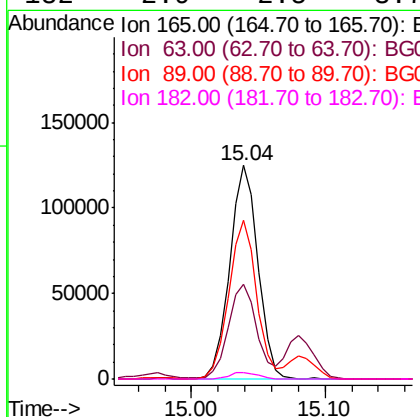
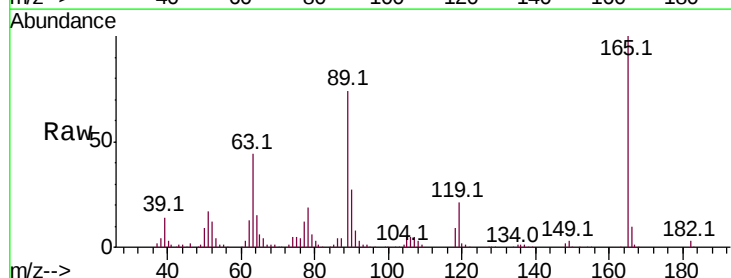
Instrument :
BNA_G
ClientSampleId :
SB-03MSD

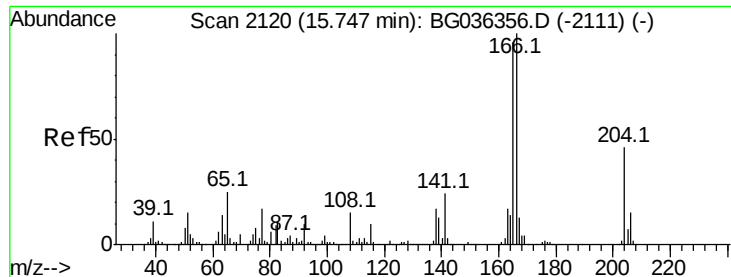
Tot Ion:139 Resp: 233788
Ion Ratio Lower Upper
139 100
109 84.2 63.9 103.9
65 108.2 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 45.813 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:165 Resp: 183705
Ion Ratio Lower Upper
165 100
63 44.2 40.1 60.1
89 74.1 63.7 95.5
182 2.9 2.5 3.7

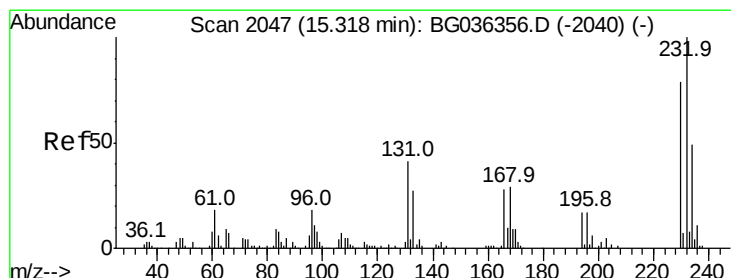
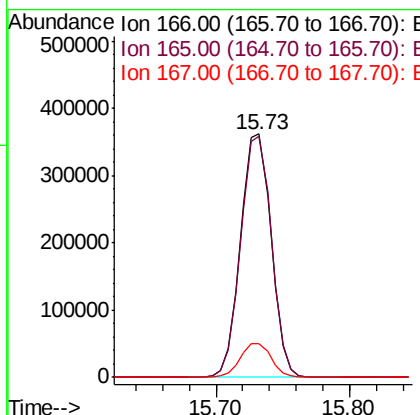
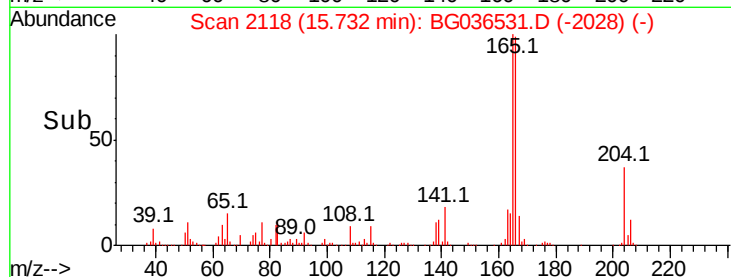
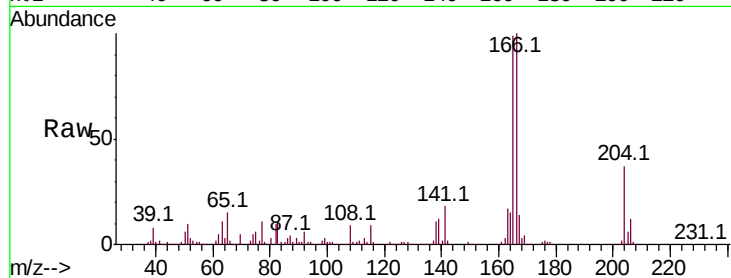




#57
 Fluorene
 Concen: 42.162 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

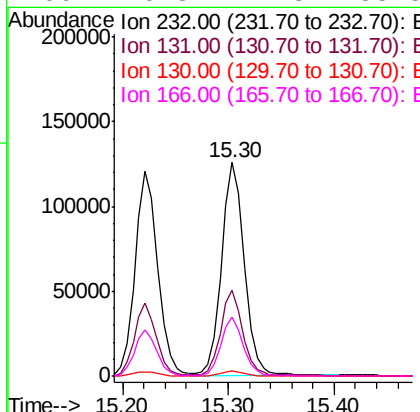
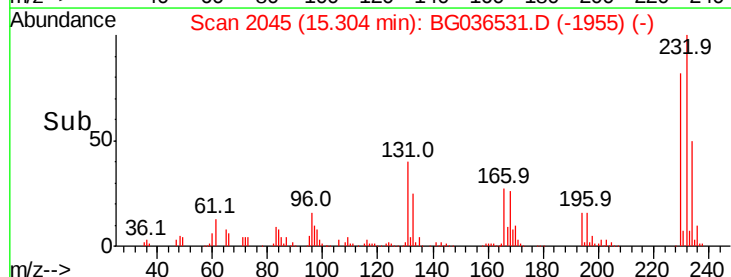
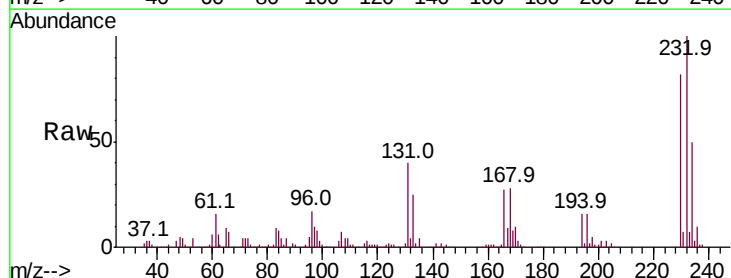
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

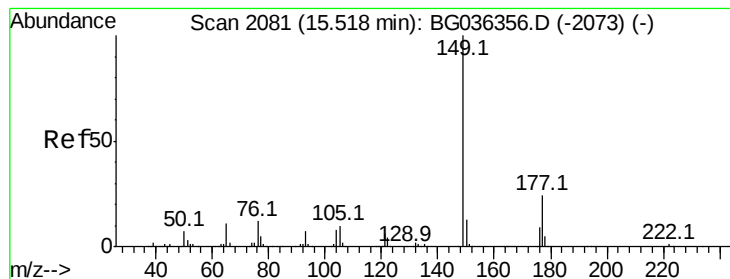
Tot Ion:166 Resp: 573503
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.0 115.4
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.875 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:232 Resp: 189382
 Ion Ratio Lower Upper
 232 100
 131 38.3 33.8 50.8
 130 2.2 2.1 3.1
 166 26.3 22.3 33.5





#59

Diethylphthalate

Concen: 39.783 ng

RT: 15.50 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampled :

SB-03MSD

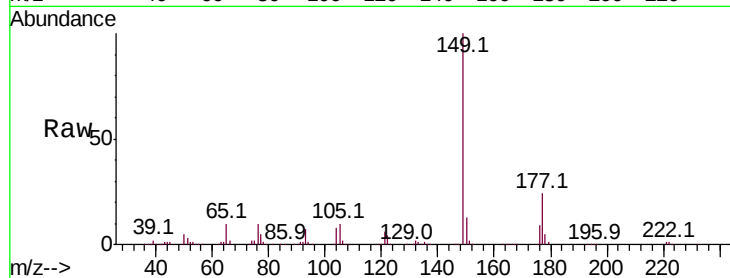
Tot Ion:149 Resp: 599480

Ion Ratio Lower Upper

149 100

177 24.3 19.1 28.7

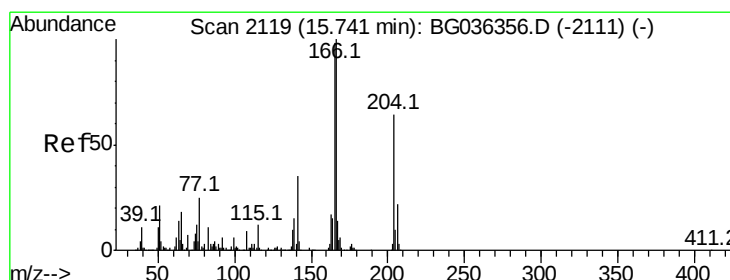
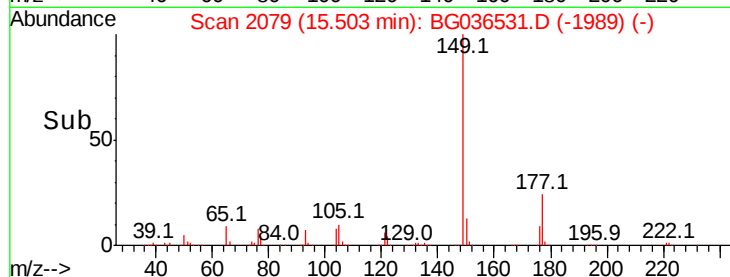
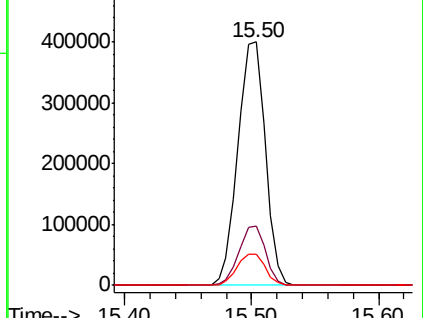
150 12.9 10.7 16.1



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: 38.736 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

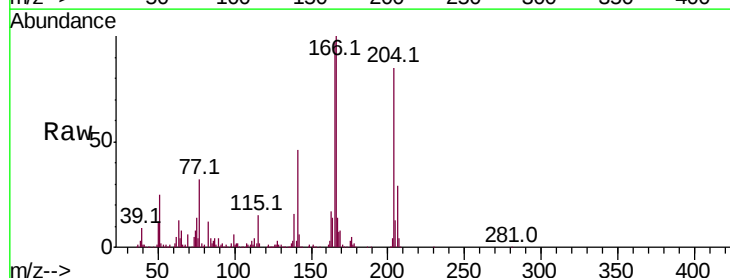
Tgt Ion:204 Resp: 325360

Ion Ratio Lower Upper

204 100

206 34.6 27.0 40.4

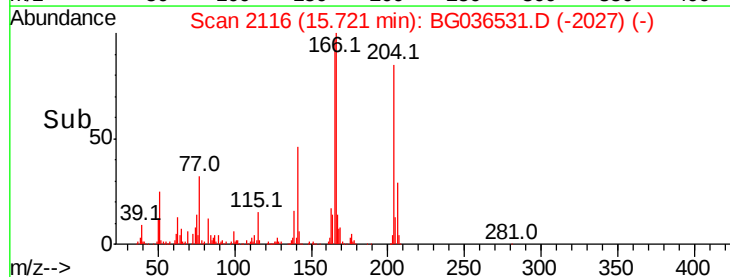
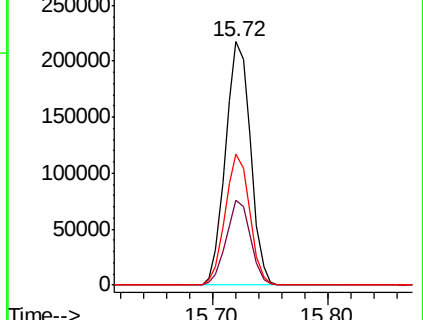
141 53.8 43.8 65.6

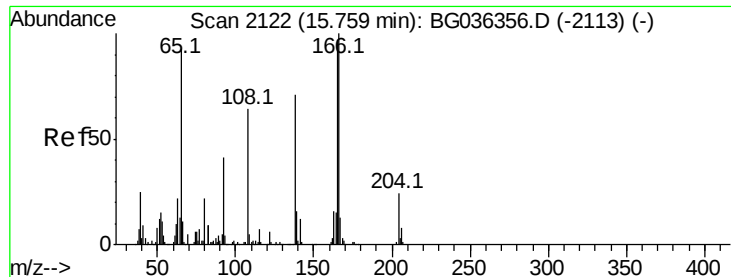


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

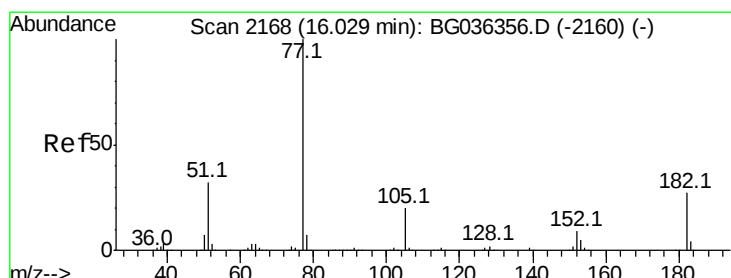
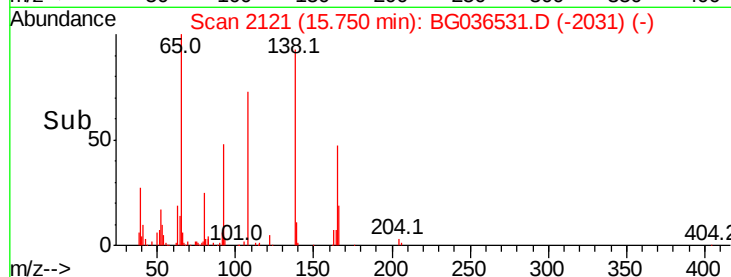
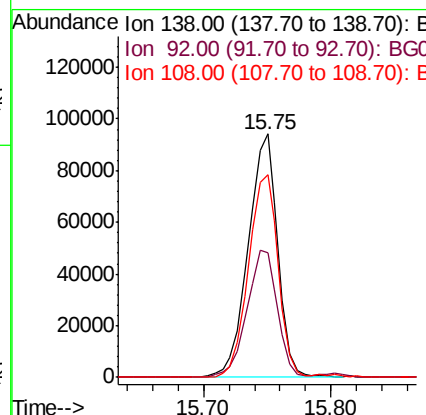
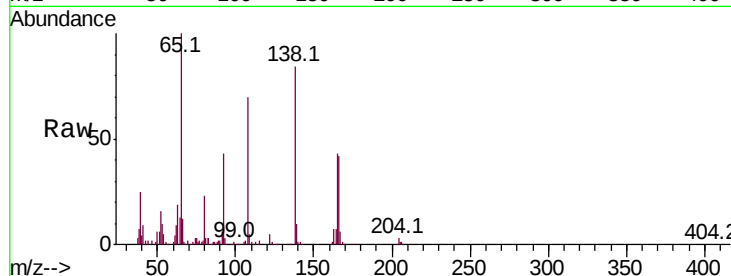




#61
4-Nitroaniline
Concen: 43.907 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

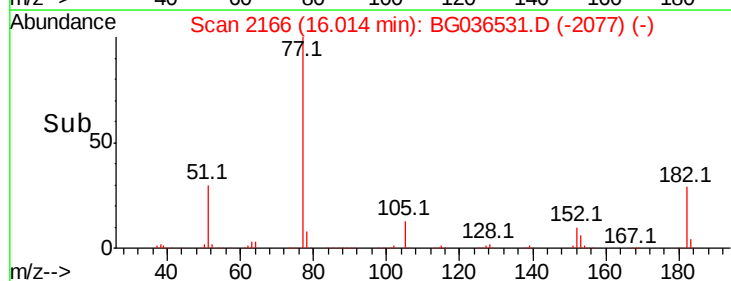
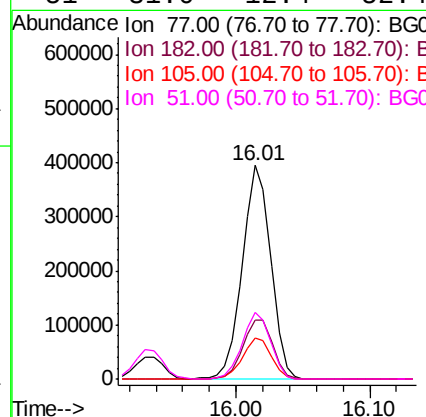
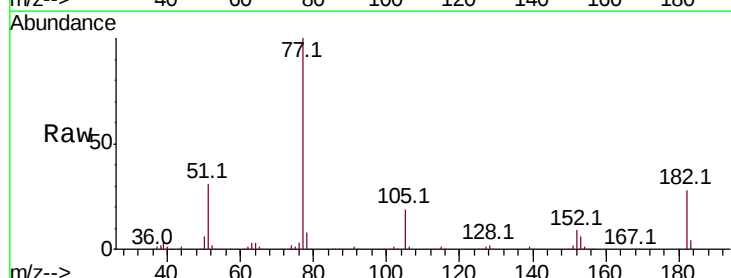
Instrument :
BNA_G
ClientSampleId :
SB-03MSD

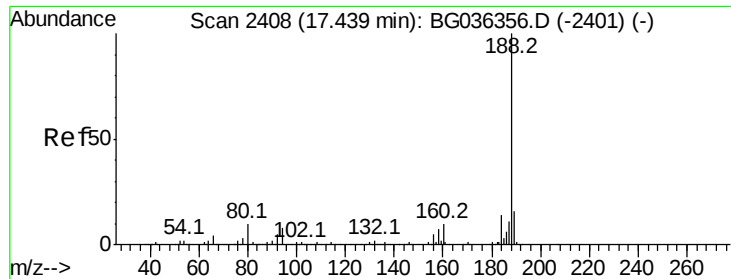
Tot Ion:138 Resp: 152336
Ion Ratio Lower Upper
138 100
92 51.3 38.5 78.5
108 83.2 70.3 110.3



#62
Azobenzene
Concen: 37.826 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion: 77 Resp: 579947
Ion Ratio Lower Upper
77 100
182 27.8 6.7 46.7
105 19.4 0.0 39.8
51 31.0 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

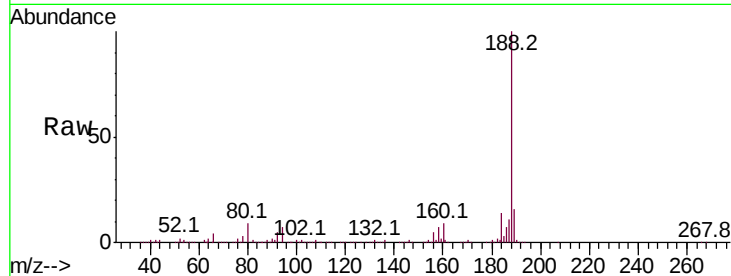
Tot Ion:188 Resp: 469886

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

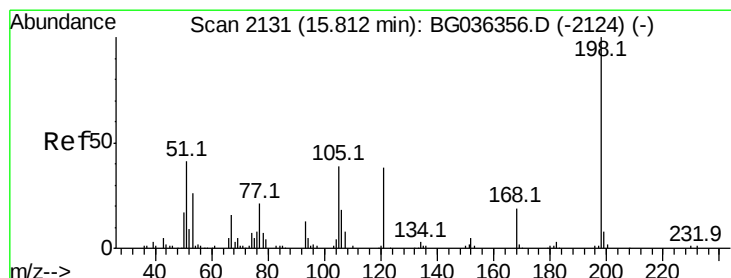
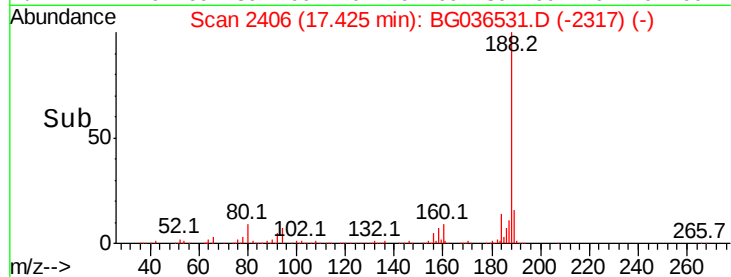
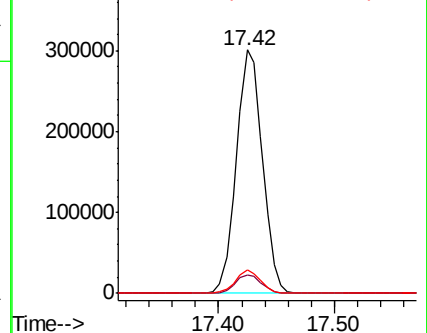
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.808 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

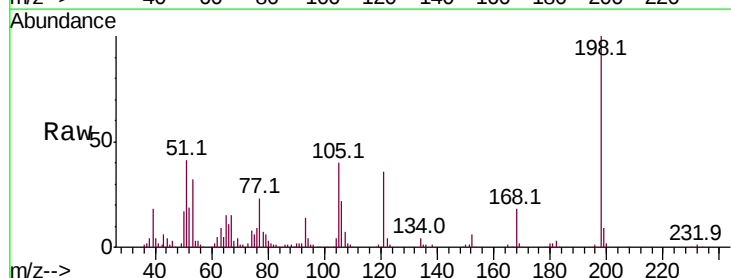
Tgt Ion:198 Resp: 96618

Ion Ratio Lower Upper

198 100

51 41.5 26.5 66.5

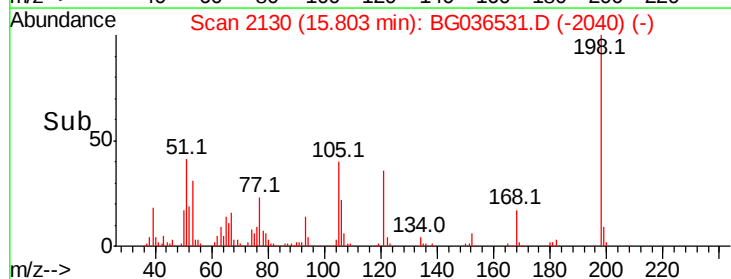
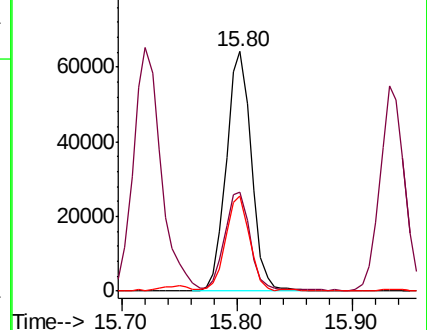
105 39.9 20.2 60.2

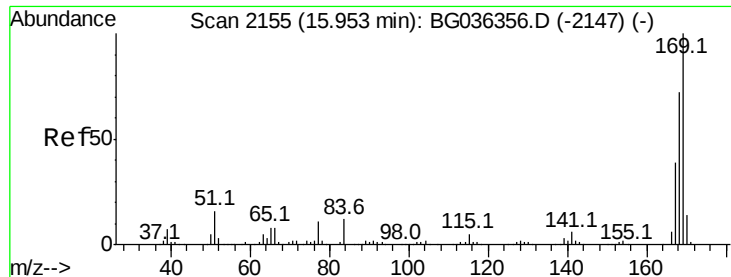


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

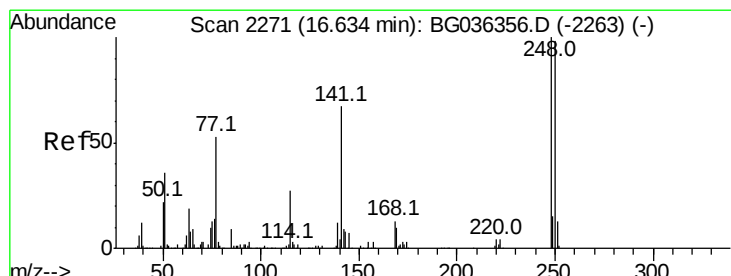
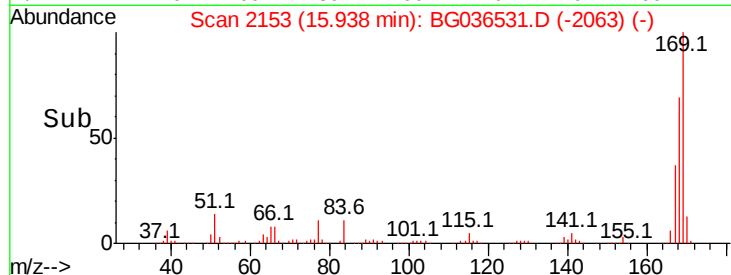
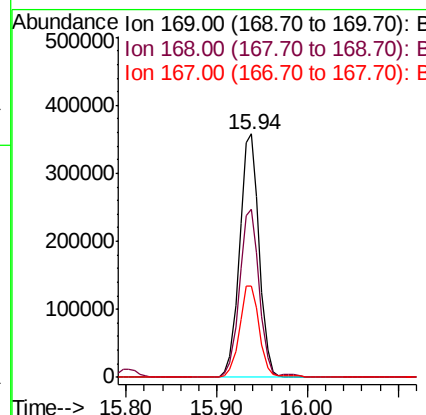
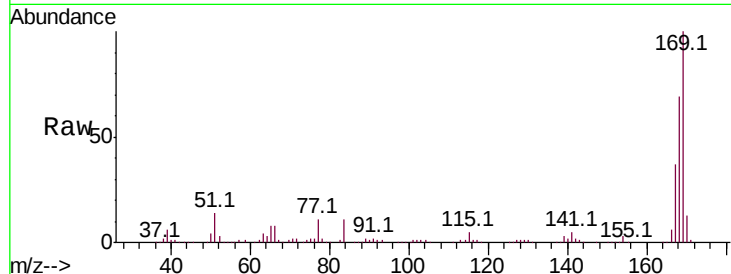




#65
 n-Nitrosodiphenylamine
 Concen: 38.502 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

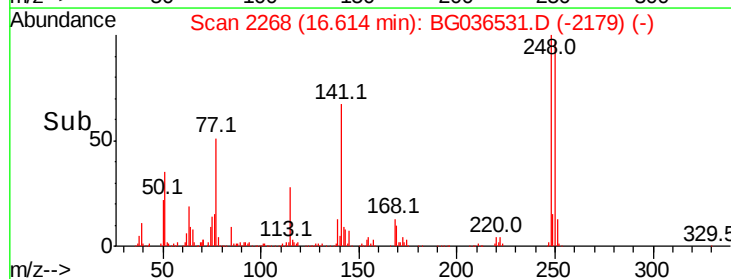
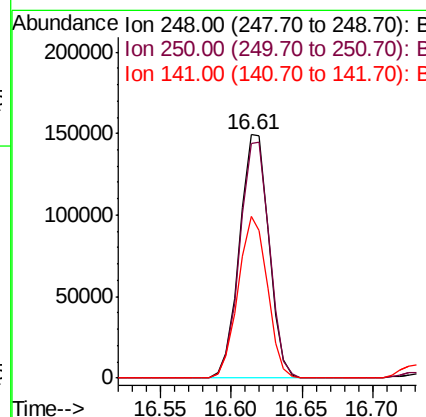
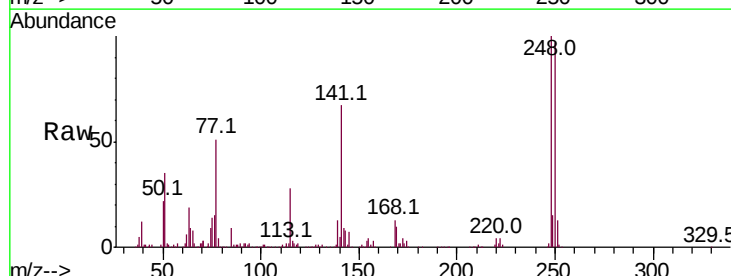
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

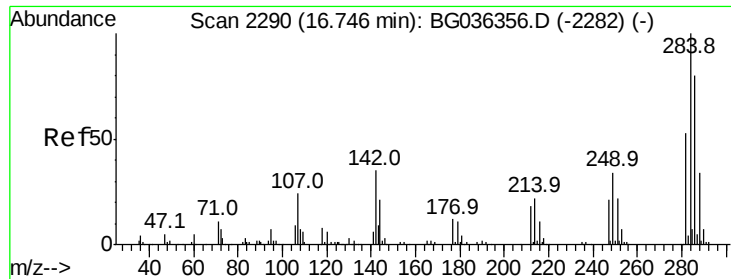
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	57.6	86.4
167	37.5	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 39.479 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.1	117.1
141	66.7	53.7	80.5

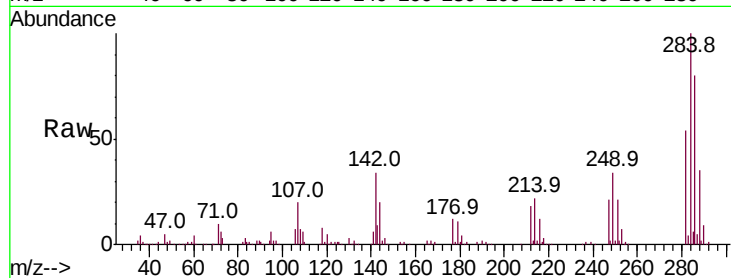




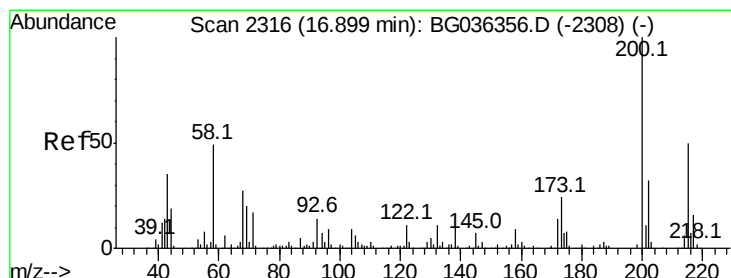
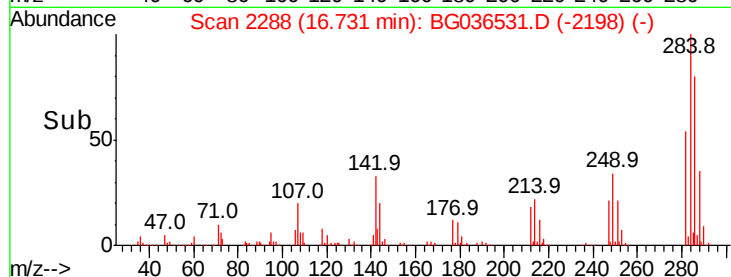
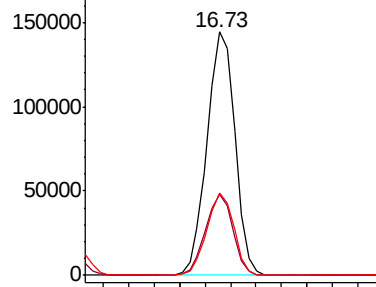
#67
Hexachlorobenzene
Concen: 39.199 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.8	41.6
249	33.9	27.4	41.2

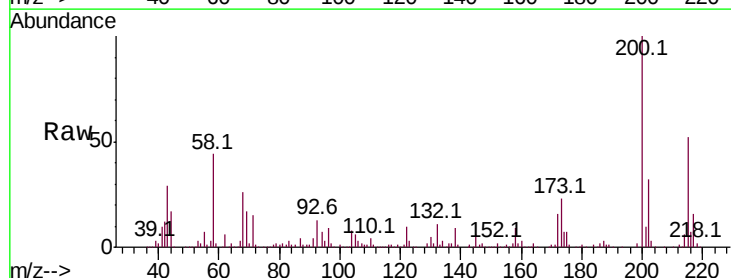


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

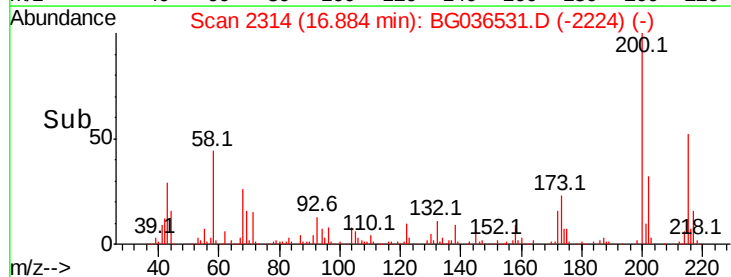
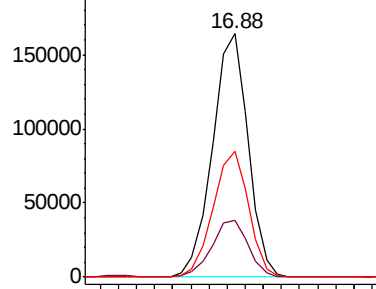


#68
Atrazine
Concen: 42.726 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	3.9	43.9
215	51.8	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

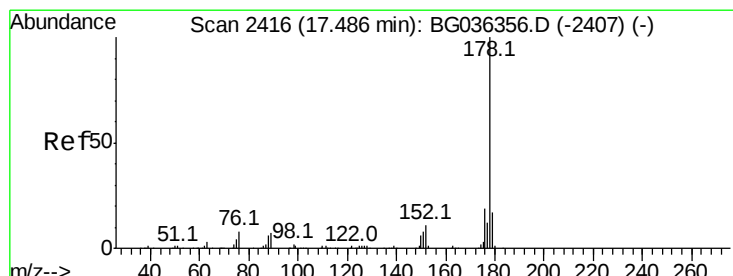
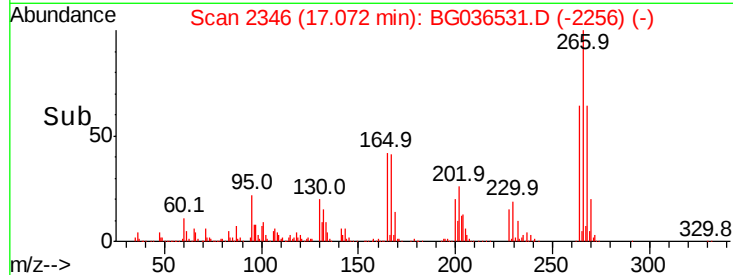
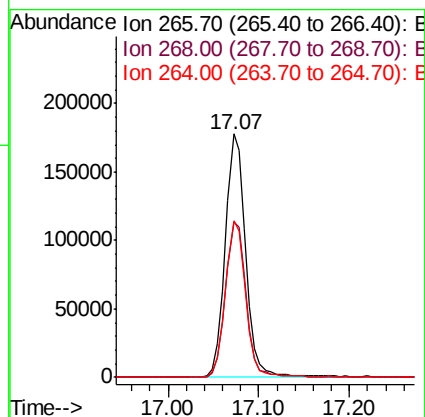
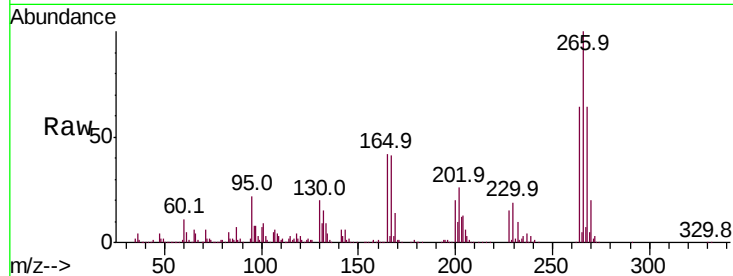




#69
 Pentachlorophenol
 Concen: 72.455 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

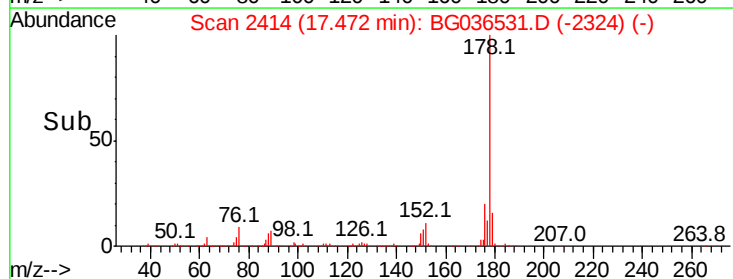
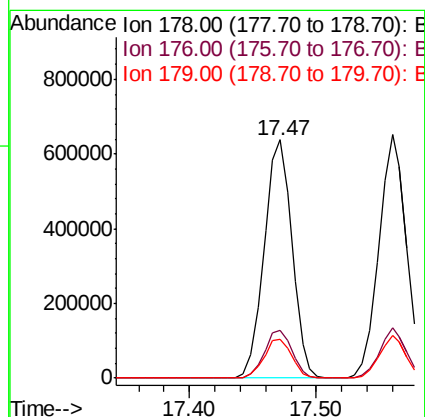
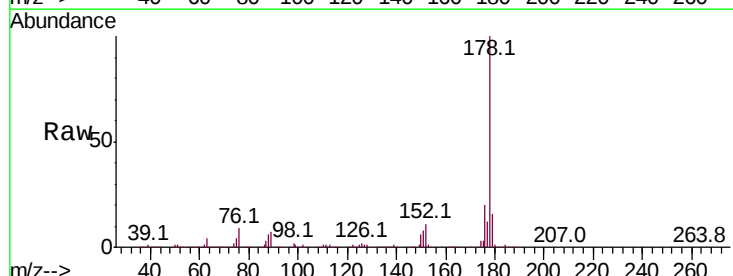
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

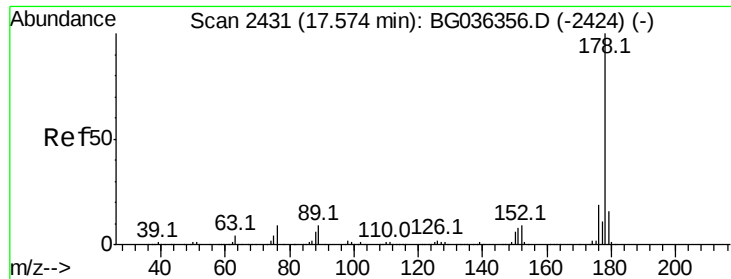
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	64.2	48.9	73.3



#70
 Phenanthrene
 Concen: 40.836 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.5	13.4	20.2

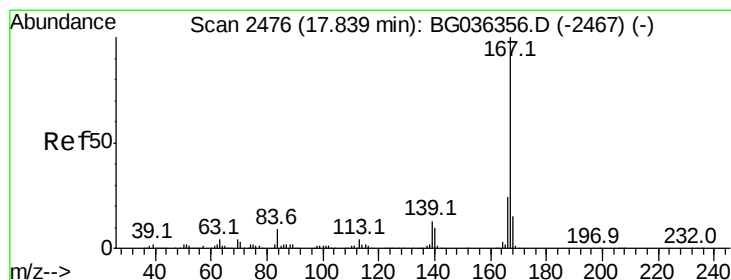
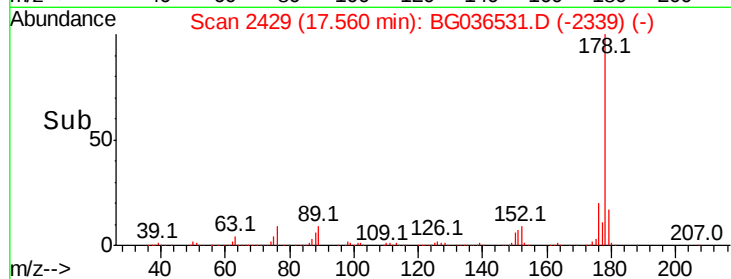
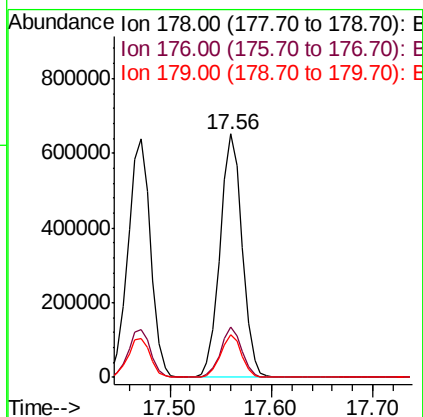
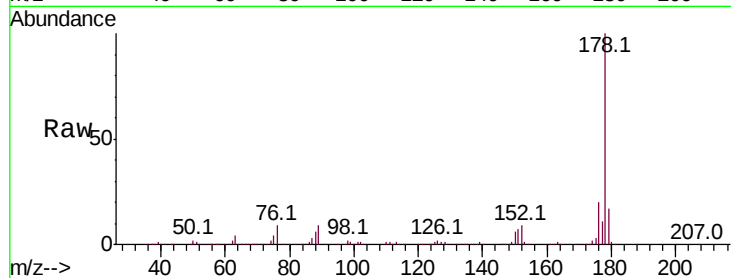




#71
 Anthracene
 Concen: 41.371 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

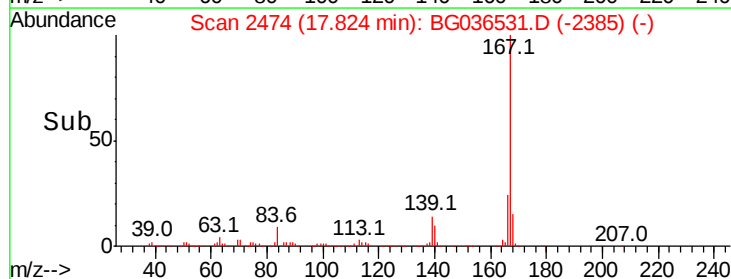
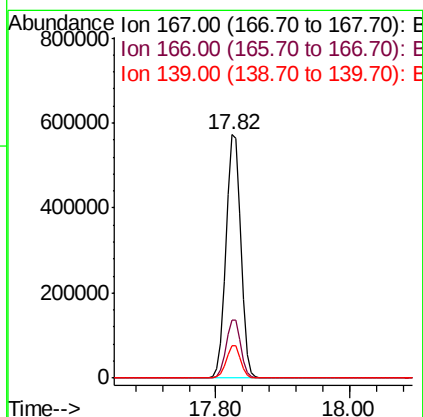
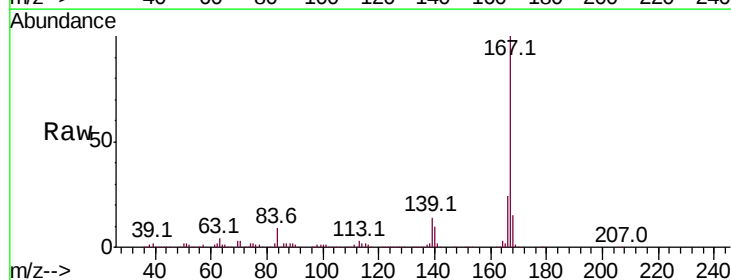
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:178 Resp: 984650
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 17.4 13.0 19.4



#72
 Carbazole
 Concen: 38.115 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:167 Resp: 905954
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.5 29.3
 139 13.6 10.7 16.1





#73

Di-n-butylphthalate

Concen: 37.976 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

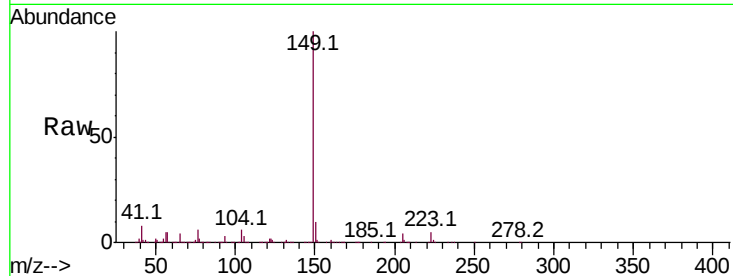
Tot Ion:149 Resp: 1005180

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

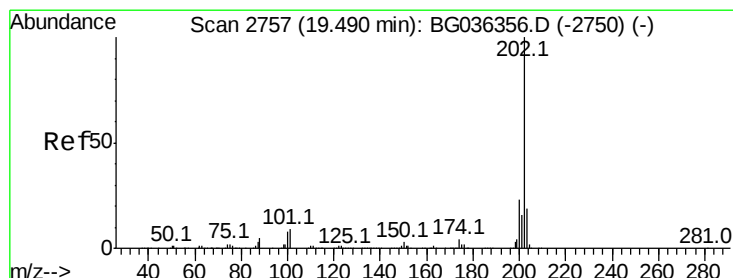
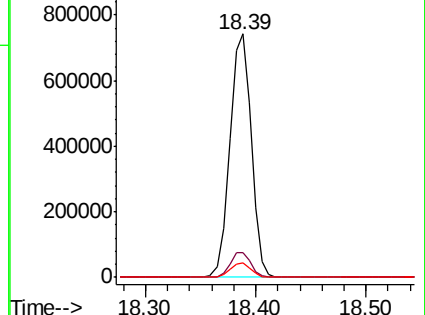
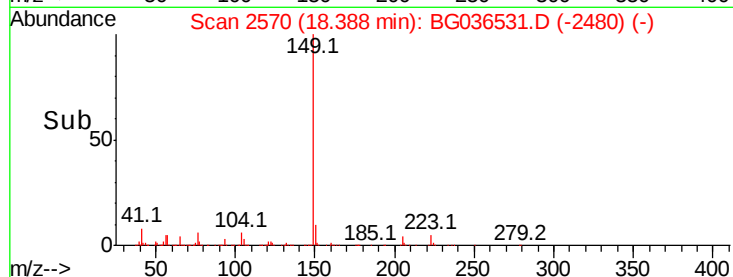
104 5.9 4.6 6.8



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: 40.767 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

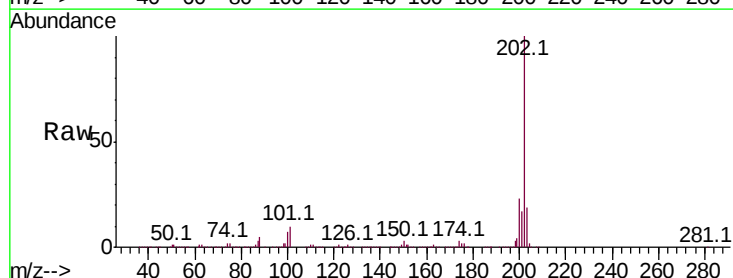
Tgt Ion:202 Resp: 1186736

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.4

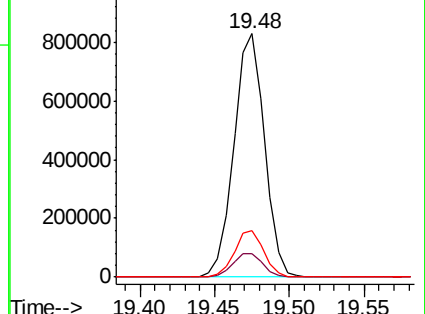
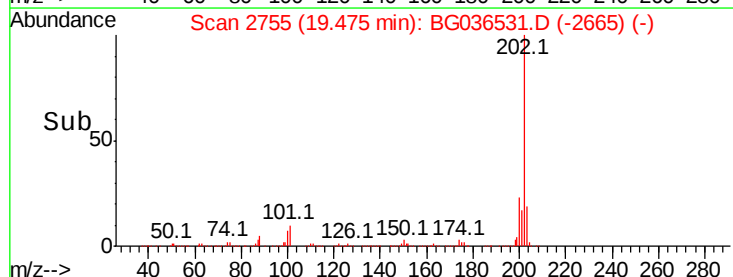
203 19.0 0.0 38.9

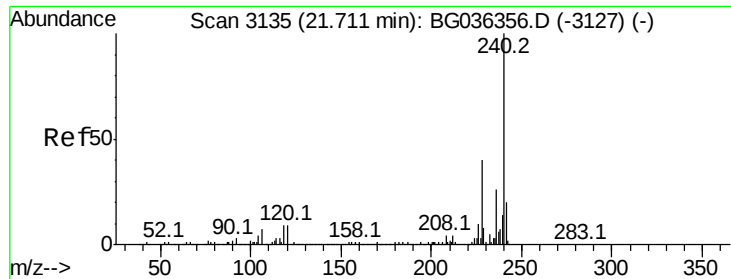


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

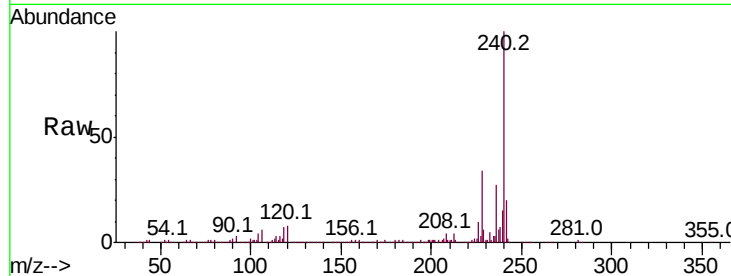
Tot Ion:240 Resp: 467276

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

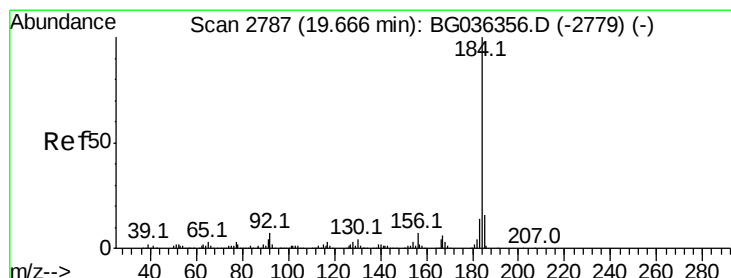
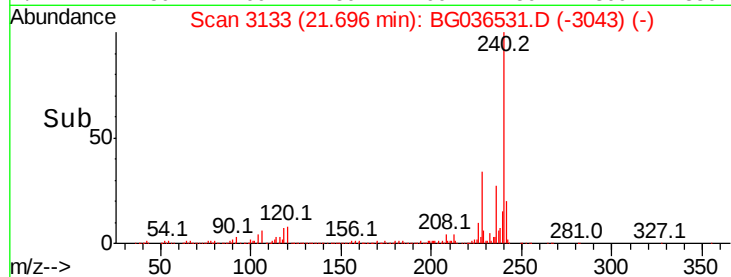
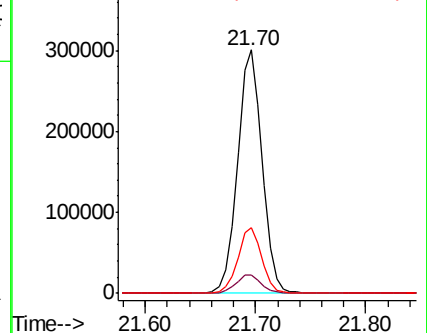
236 27.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.141 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

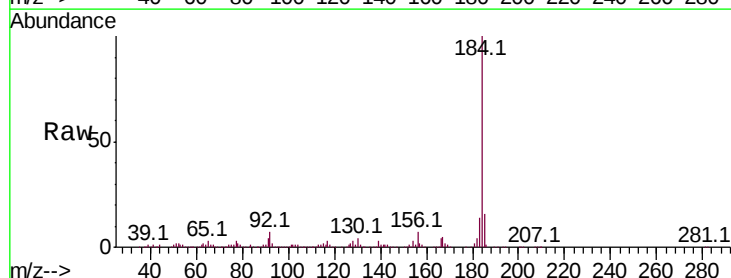
Tgt Ion:184 Resp: 479163

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

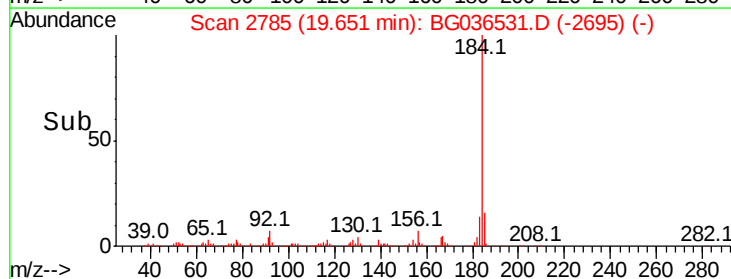
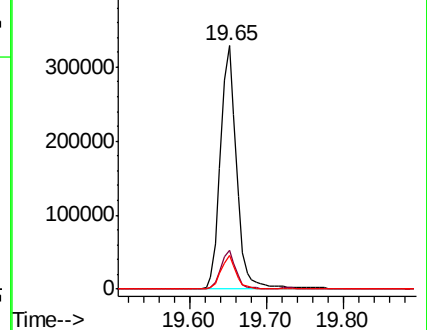
183 13.6 10.9 16.3

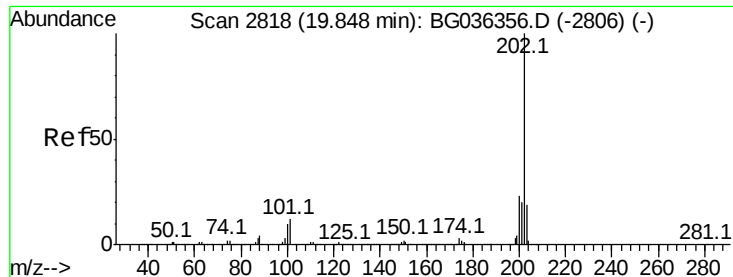


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.570 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

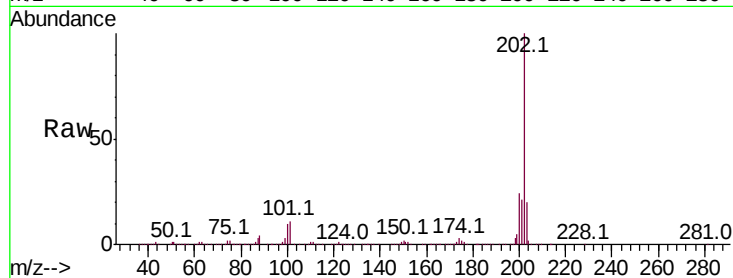
Tot Ion:202 Resp: 1165755

Ion Ratio Lower Upper

202 100

200 24.0 18.3 27.5

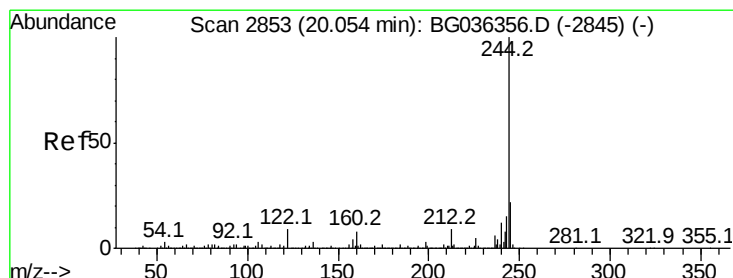
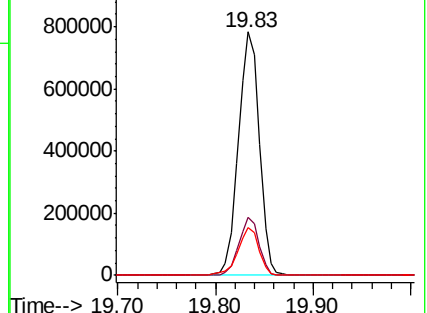
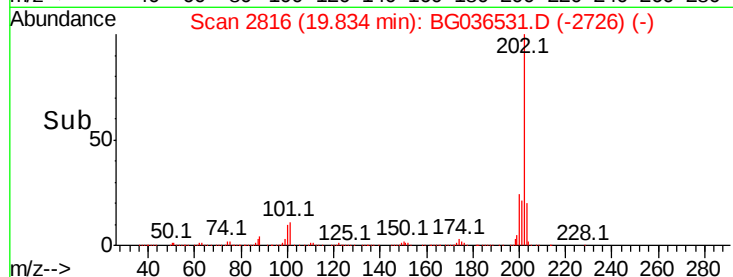
203 19.8 15.1 22.7



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: 71.357 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

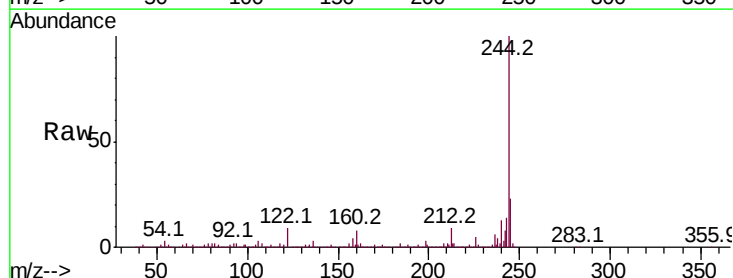
Tgt Ion:244 Resp: 1426561

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

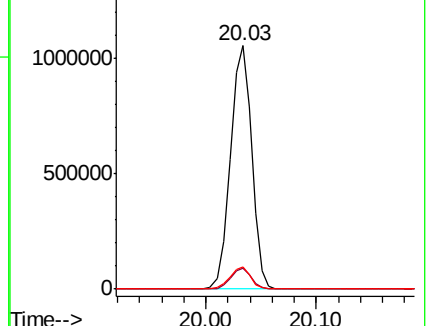
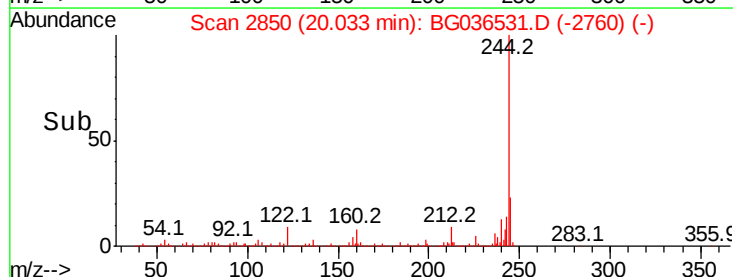
122 9.3 7.1 10.7

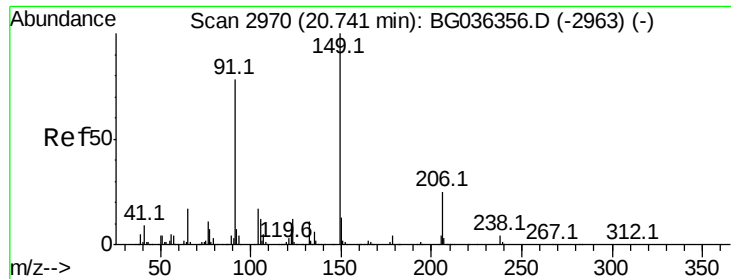


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

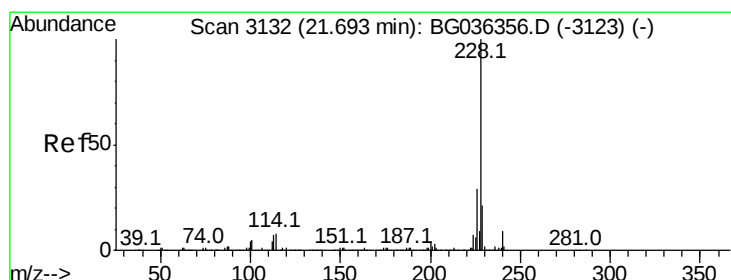
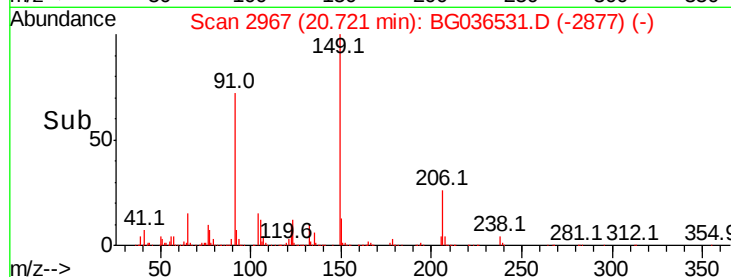
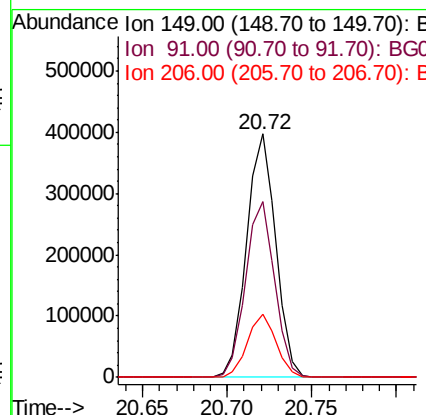
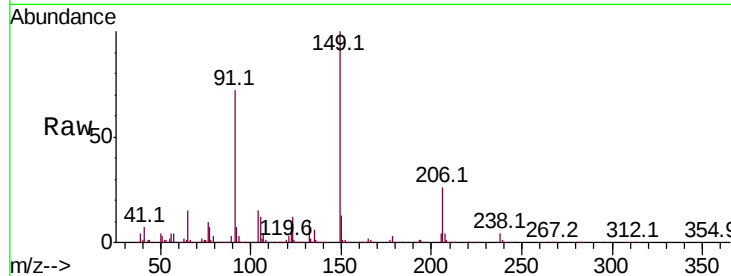




#79
 Butylbenzylphthalate
 Concen: 41.739 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

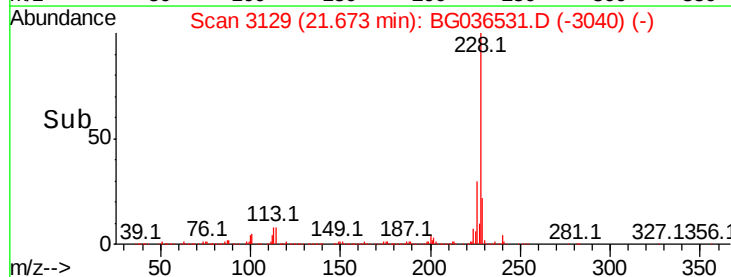
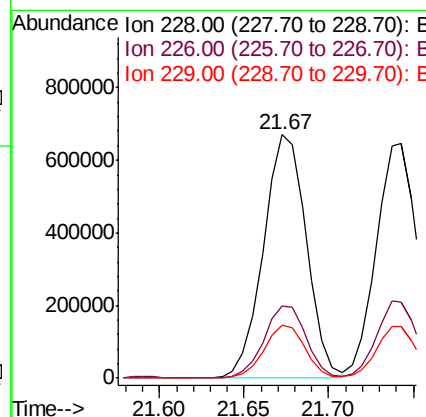
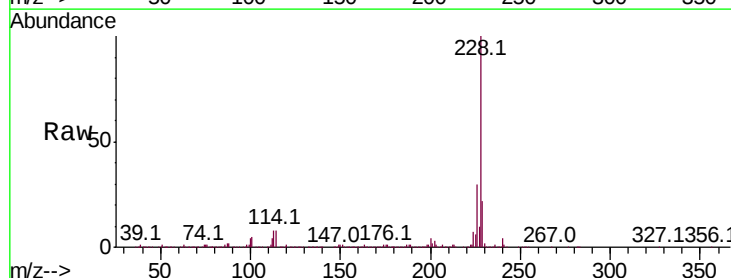
Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

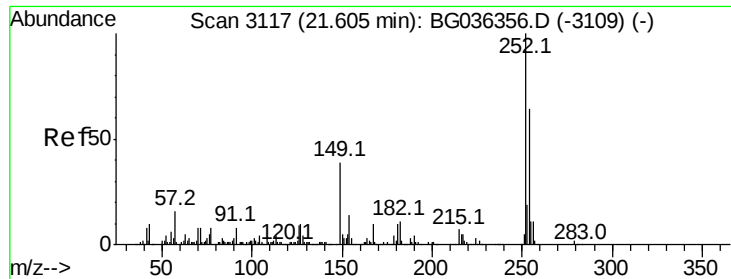
Tot Ion:149 Resp: 477310
 Ion Ratio Lower Upper
 149 100
 91 72.2 62.0 93.0
 206 25.8 19.6 29.4



#80
 Benzo(a)anthracene
 Concen: 41.753 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:228 Resp: 1181949
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.4 35.2
 229 22.0 17.1 25.7

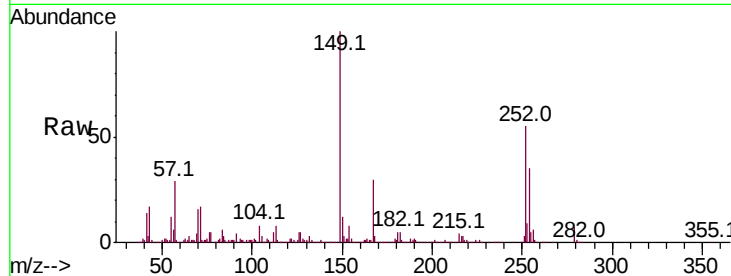




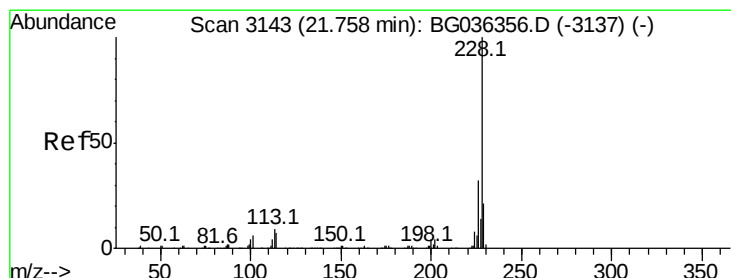
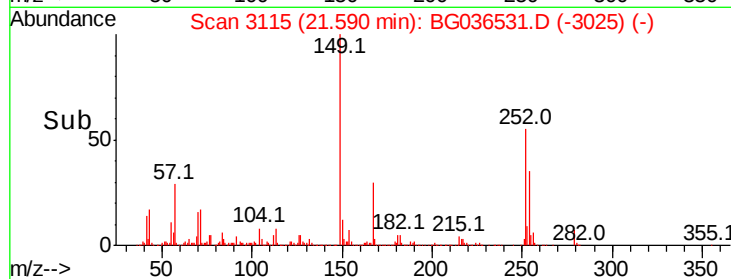
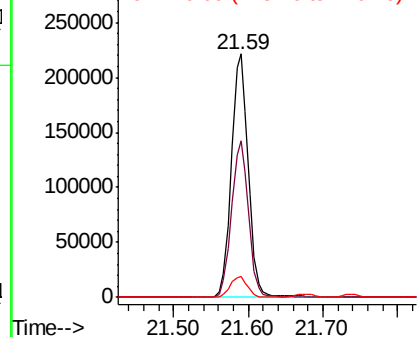
#81
 3,3'-Dichlorobenzidine
 Concen: 31.151 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:252 Resp: 351451
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.0 76.4
 126 8.6 7.4 11.0

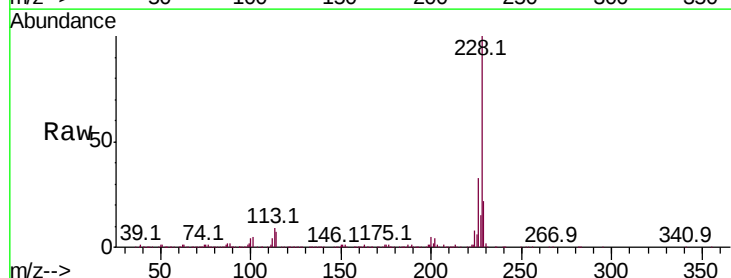


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

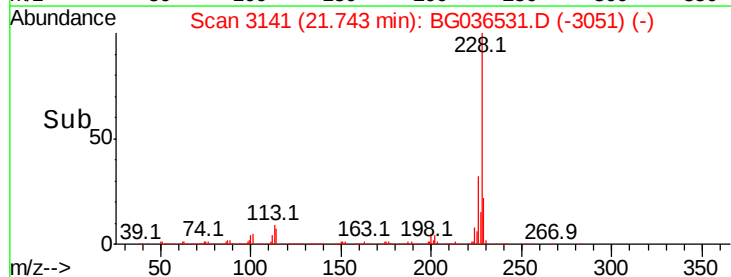
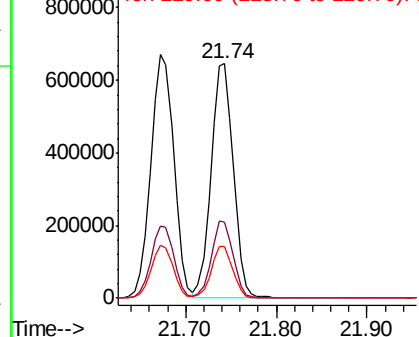


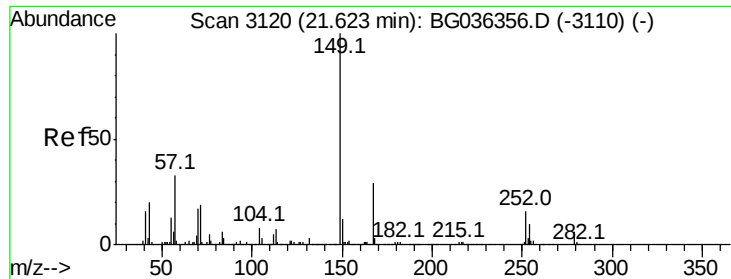
#82
 Chrysene
 Concen: 40.971 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:228 Resp: 1099359
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.5 38.3
 229 22.0 16.9 25.3



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

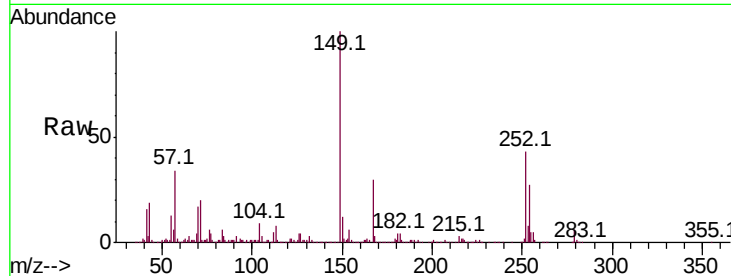




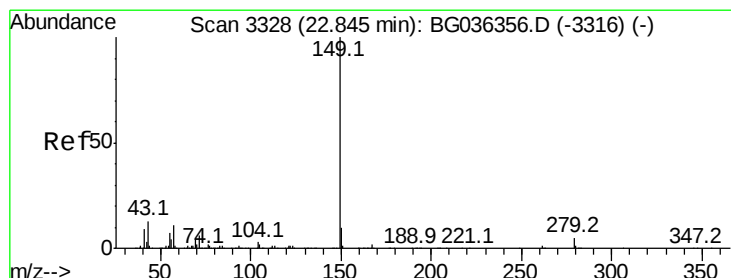
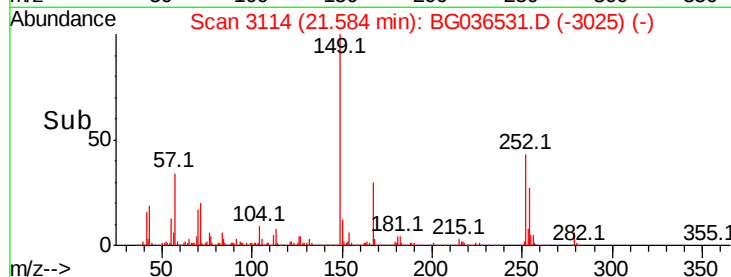
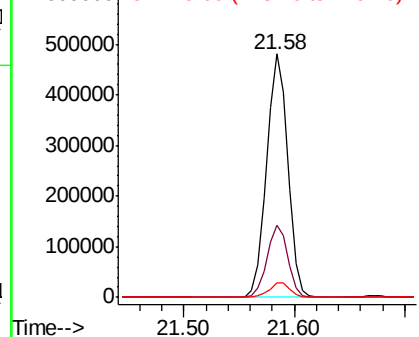
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.522 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:149 Resp: 648448
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.4 35.0
 279 5.9 4.6 7.0

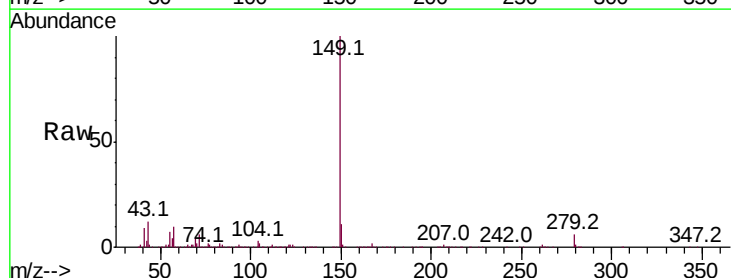


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

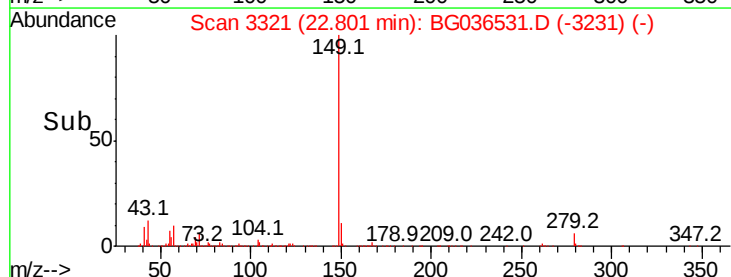
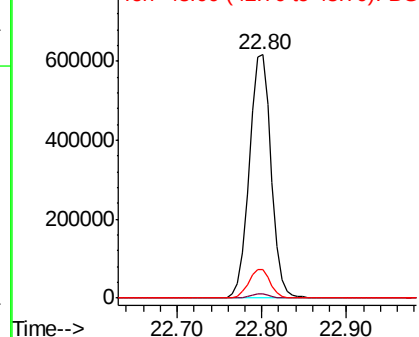


#84
 Di-n-octyl phthalate
 Concen: 41.255 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:149 Resp: 1102715
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC



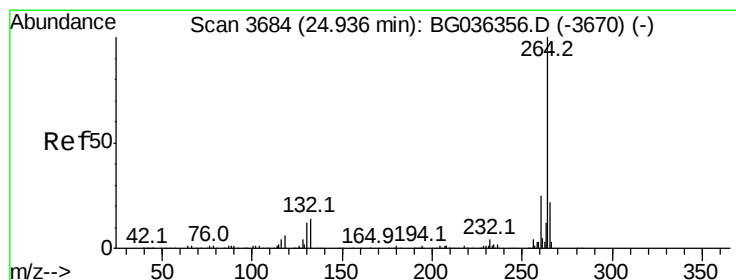
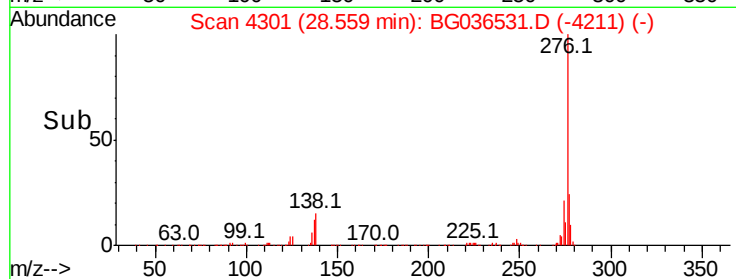
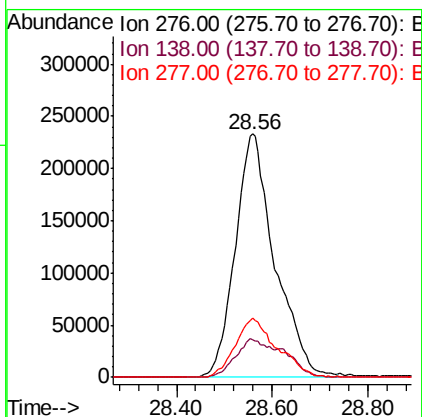
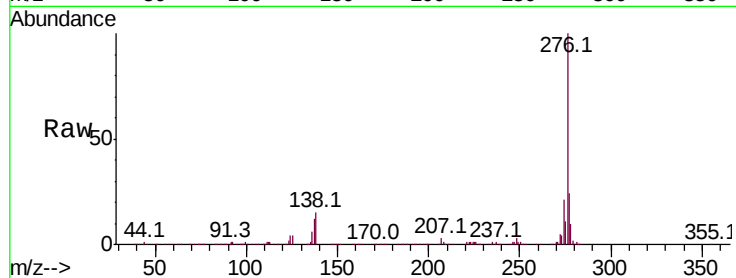


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.948 ng
 RT: 28.56 min Scan# 4301
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:276 Resp: 1338490

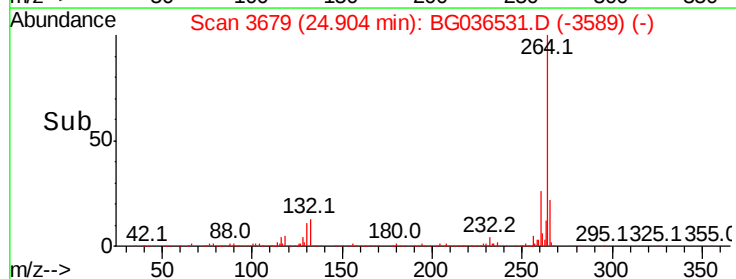
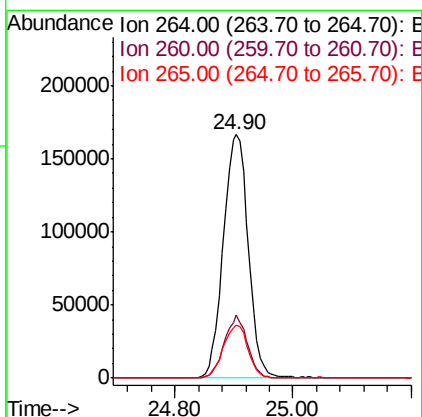
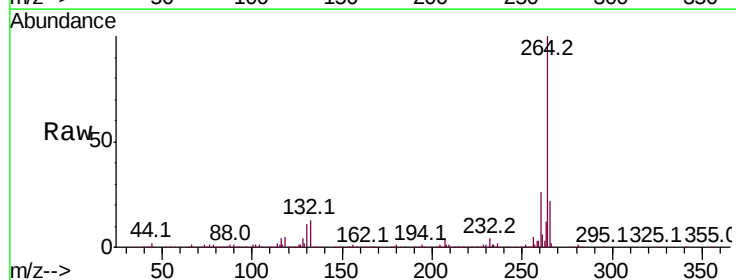
Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.6	15.8
277	25.6	20.6	30.8

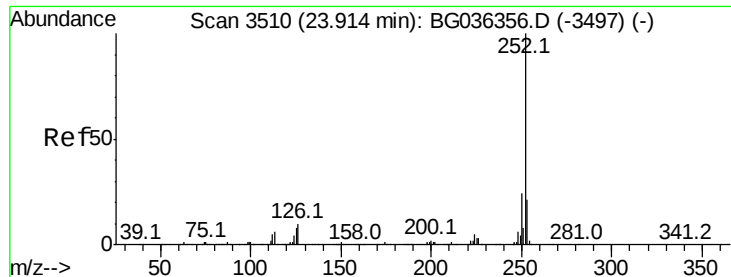


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:264 Resp: 490959

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.206 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

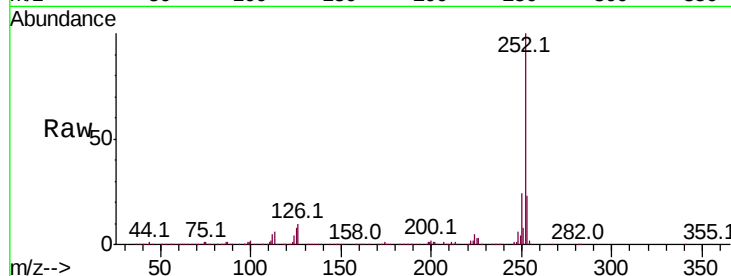
Tot Ion:252 Resp: 1205175

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

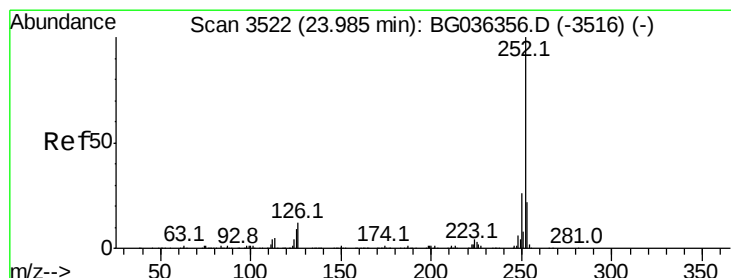
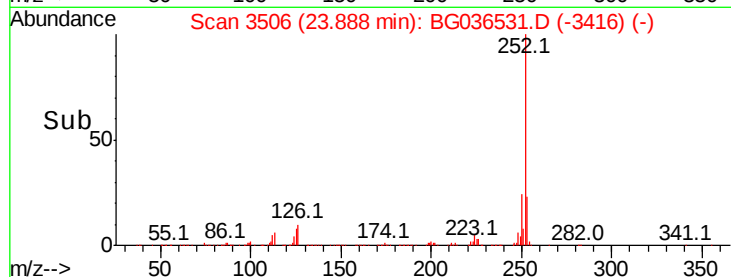
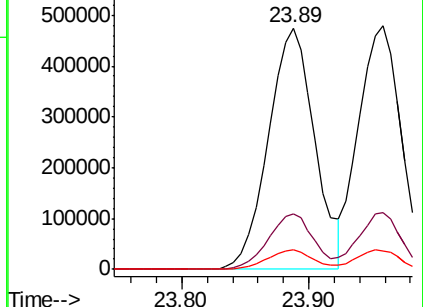
125 7.9 6.6 10.0



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: 41.967 ng

RT: 23.96 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

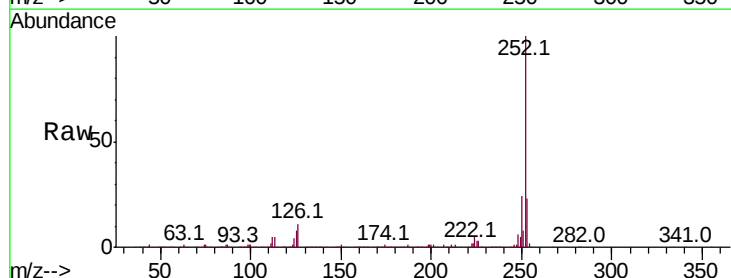
Tgt Ion:252 Resp: 1117777

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

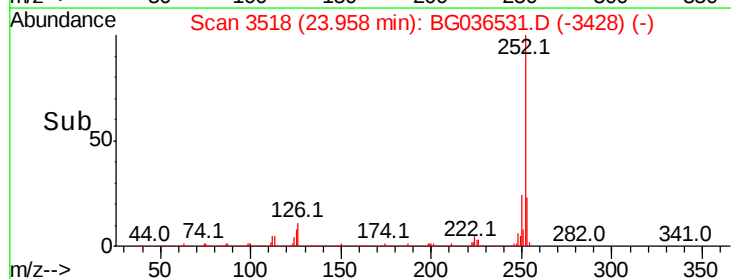
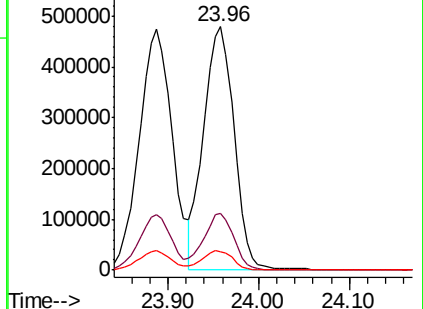
125 7.8 7.0 10.6

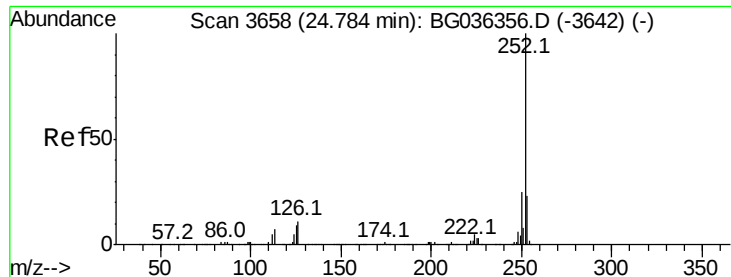


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.811 ng

RT: 24.76 min Scan# 3654

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

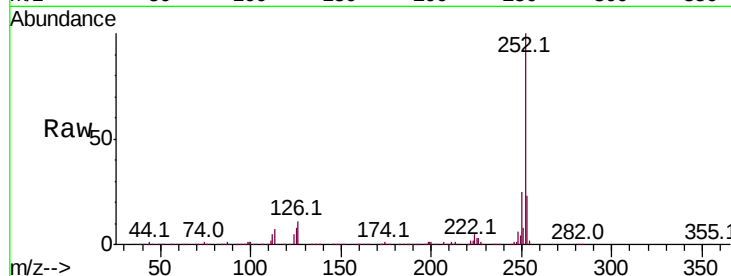
Tot Ion:252 Resp: 1147747

Ion Ratio Lower Upper

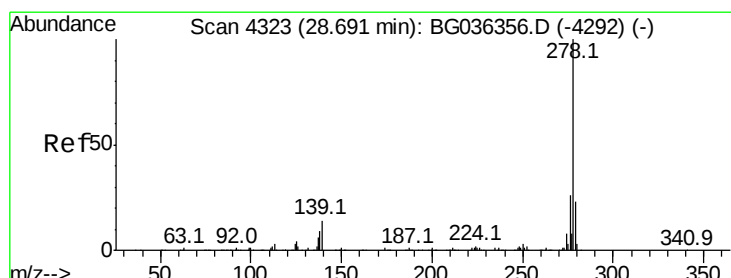
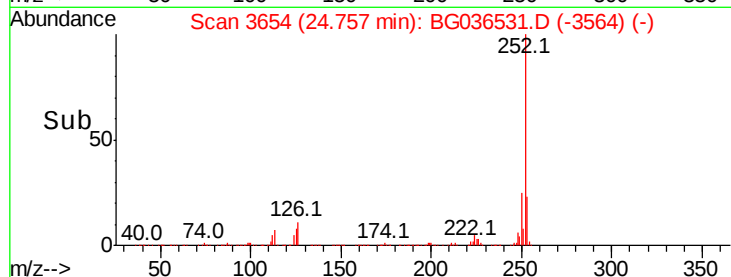
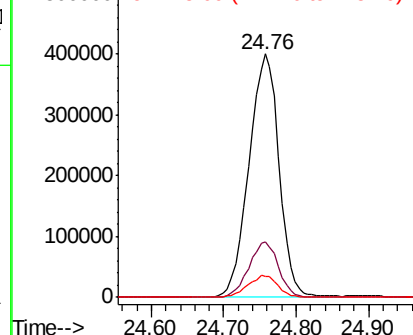
252 100

253 22.7 18.2 27.2

125 8.4 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: 42.659 ng

RT: 28.63 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

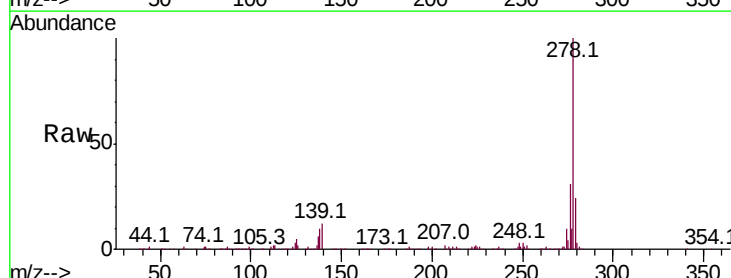
Tgt Ion:278 Resp: 1078888

Ion Ratio Lower Upper

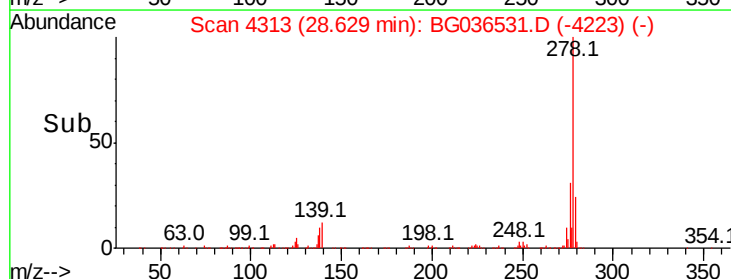
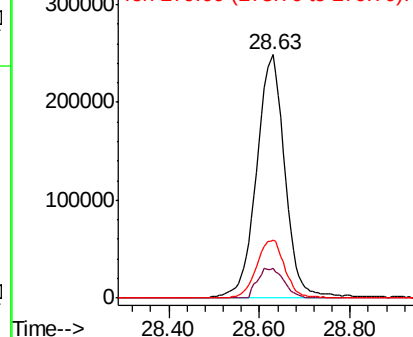
278 100

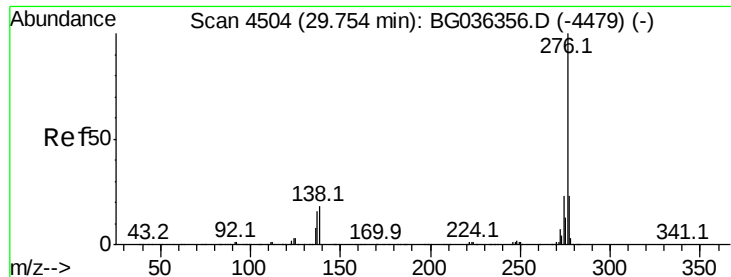
139 12.1 11.0 16.4

279 23.9 18.7 28.1



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: 43.811 ng

RT: 29.70 min Scan# 4496

Delta R.T. 0.01 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

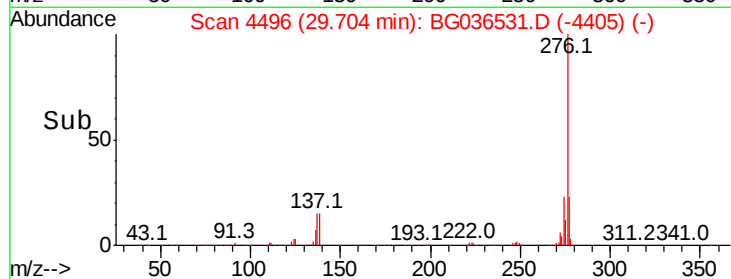
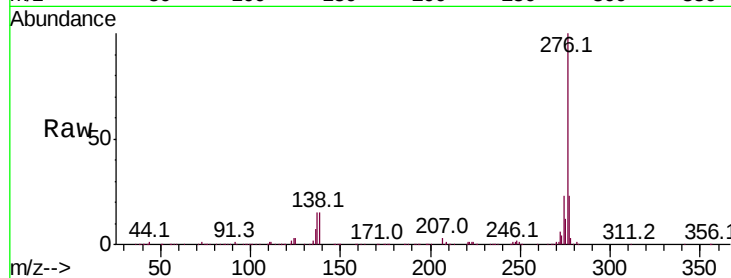
Tot Ion:276 Resp: 1113499

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 15.3 14.6 22.0



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

