

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036763.D
 Acq On : 17 Sep 2018 20:40
 Operator : JU/SJ
 Sample : PB112891BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Quant Time: Sep 18 01:46:29 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	8.05	152	62136	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	248067	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	161810	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	403824	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410148	20.00	ng	-0.01
86) Perylene-d12	24.89	264	432784	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	405396	103.50	ng	0.00
7) Phenol-d6	7.21	99	565033	100.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	356446	77.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	235613	122.03	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	804677	71.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1348158	76.83	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	40013	21.888	ng	98
3) Pyridine	3.93	79	136050	26.514	ng	98
4) n-Nitrosodimethylamine	3.85	42	80699	35.310	ng	96
6) Aniline	7.38	93	233703	32.830	ng	97
8) 2-Chlorophenol	7.62	128	157578	37.096	ng	98
9) Benzaldehyde	7.19	77	54580	14.133	ng	99
10) Phenol	7.24	94	221900	37.809	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	154203	33.142	ng	98
12) 1,3-Dichlorobenzene	7.94	146	154581	31.870	ng	99
13) 1,4-Dichlorobenzene	8.09	146	158894	32.447	ng	97
14) 1,2-Dichlorobenzene	8.41	146	153401	32.800	ng	98
15) Benzyl Alcohol	8.29	79	159517	35.283	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	312173	33.269	ng	99
17) 2-Methylphenol	8.49	107	147800	37.927	ng	97
18) Hexachloroethane	9.13	117	59259	33.751	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	137886	32.897	ng	96
20) 3+4-Methylphenols	8.82	107	204776	37.637	ng	98
22) Acetophenone	8.87	105	245593	37.702	ng	# 99
24) Nitrobenzene	9.26	77	199146	40.393	ng	98
25) Isophorone	9.77	82	385716	42.467	ng	99
26) 2-Nitrophenol	9.96	139	88443	45.270	ng	94
27) 2,4-Dimethylphenol	10.02	122	162002	44.789	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	220682	39.589	ng	99
29) 2,4-Dichlorophenol	10.50	162	172914	43.620	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	176361	38.031	ng	98
31) Naphthalene	10.91	128	506789	40.868	ng	98
32) Benzoic acid	10.13	122	42324	18.789	ng	94
33) 4-Chloroaniline	11.01	127	201939	35.537	ng	99
34) Hexachlorobutadiene	11.19	225	117565	37.733	ng	98
35) Caprolactam	11.79	113	63935	40.487	ng	91
36) 4-Chloro-3-methylphenol	12.13	107	191433	41.561	ng	96
37) 2-Methylnaphthalene	12.51	142	400245	44.111	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	225058	39.303	ng	98
40) Hexachlorocyclopentadiene	12.85	237	290925	97.646	ng	96

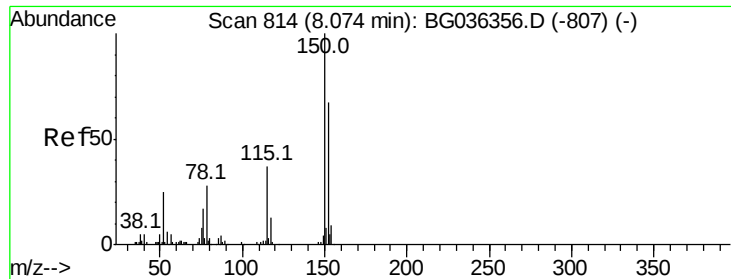
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	149764	42.935	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	162894	43.783	ng	99
45) 1,1'-Biphenyl	13.51	154	509120	37.905	ng	98
46) 2-Chloronaphthalene	13.55	162	389847	38.020	ng	100
47) 2-Nitroaniline	13.75	65	142560	44.275	ng	97
48) Acenaphthylene	14.40	152	660428	41.212	ng	100
49) Dimethylphthalate	14.13	163	523580	39.627	ng	99
50) 2,6-Dinitrotoluene	14.25	165	115660	42.541	ng	94
51) Acenaphthene	14.74	154	387891	37.794	ng	99
52) 3-Nitroaniline	14.58	138	109274	37.297	ng	97
53) 2,4-Dinitrophenol	14.78	184	61800	60.010	ng	94
54) Dibenzofuran	15.07	168	628842	39.110	ng	99
55) 4-Nitrophenol	14.88	139	189080	78.930	ng	94
56) 2,4-Dinitrotoluene	15.03	165	162721	45.922	ng	93
57) Fluorene	15.72	166	505041	42.017	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	166324	47.581	ng	94
59) Diethylphthalate	15.49	149	516675	38.802	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	286670	38.623	ng	98
61) 4-Nitroaniline	15.74	138	128922	42.050	ng	97
62) Azobenzene	16.00	77	523113	38.611	ng	100
64) 4,6-Dinitro-2-methylphenol	15.80	198	73642	41.514	ng	97
65) n-Nitrosodiphenylamine	15.93	169	459383	38.285	ng	96
66) 4-Bromophenyl-phenylether	16.61	248	189330	40.045	ng	99
67) Hexachlorobenzene	16.73	284	194152	40.160	ng	97
68) Atrazine	16.87	200	201836	44.815	ng	99
69) Pentachlorophenol	17.07	266	205699	62.604	ng	99
70) Phenanthrene	17.46	178	854602	41.648	ng	99
71) Anthracene	17.55	178	862730	42.178	ng	99
72) Carbazole	17.82	167	774057	37.893	ng	99
73) Di-n-butylphthalate	18.38	149	878022	38.599	ng	99
74) Fluoranthene	19.46	202	1051438	42.028	ng	98
76) Benzidine	19.65	184	615149	47.010	ng	99
77) Pyrene	19.83	202	1041289	41.285	ng	100
79) Butylbenzylphthalate	20.71	149	407343	40.582	ng	96
80) Benzo(a)anthracene	21.67	228	1037439	41.752	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	320225	32.337	ng	98
82) Chrysene	21.73	228	973176	41.320	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	550395	39.185	ng	98
84) Di-n-octyl phthalate	22.78	149	942533	40.174	ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1178851	43.094	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	1030454	42.877	ng	98
88) Benzo(k)fluoranthene	23.94	252	1011015	43.061	ng	99
89) Benzo(a)pyrene	24.74	252	1007899	43.644	ng	100
90) Dibenzo(a,h)anthracene	28.60	278	956343	42.896	ng	99
91) Benzo(g,h,i)perylene	29.68	276	977207	43.617	ng	99

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

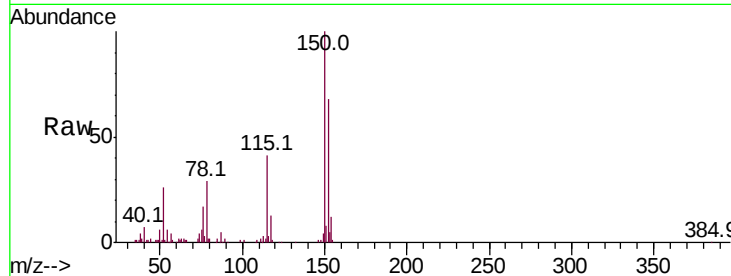


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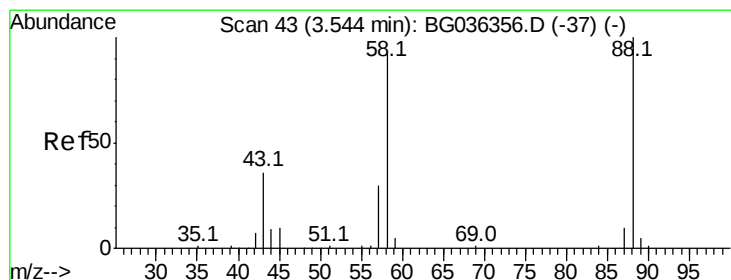
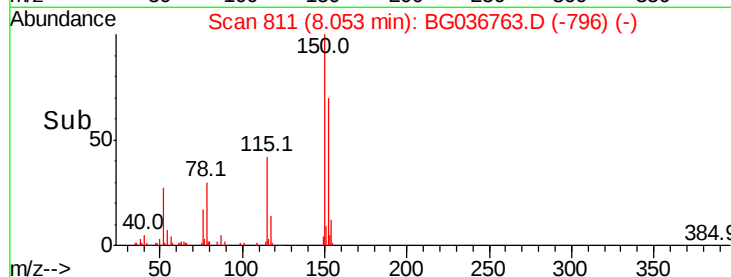
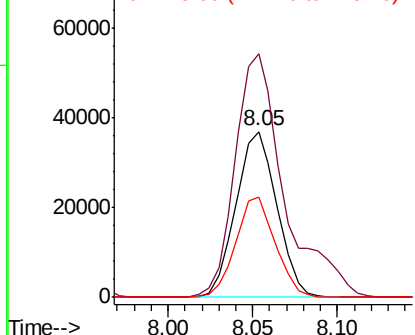
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:152 Resp: 62136
Ion Ratio Lower Upper
152 100
150 147.1 119.5 179.3
115 60.5 44.5 66.7



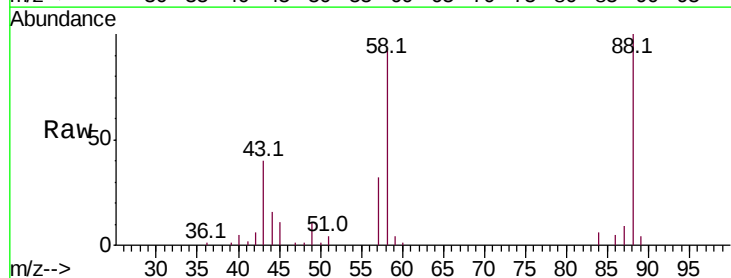
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



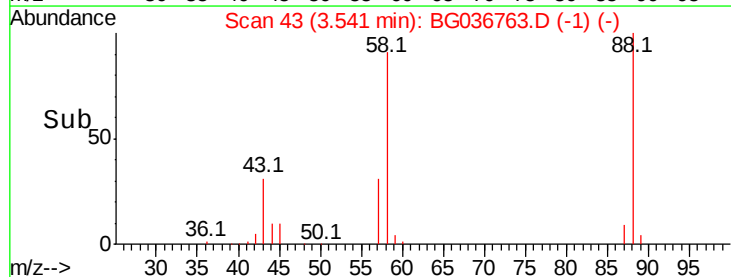
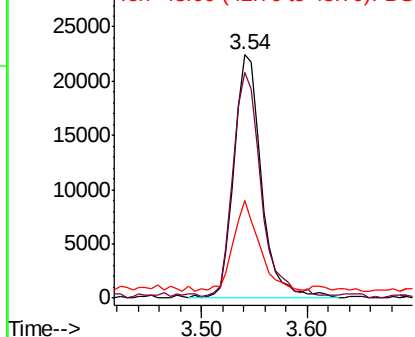
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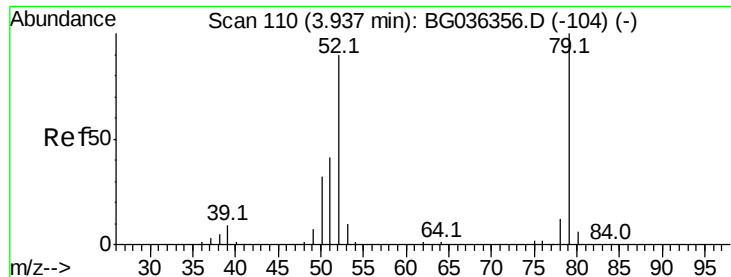
1,4-Dioxane
Concen: 21.888 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 88 Resp: 40013
Ion Ratio Lower Upper
88 100
58 93.0 72.6 109.0
43 34.6 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: 26.514 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

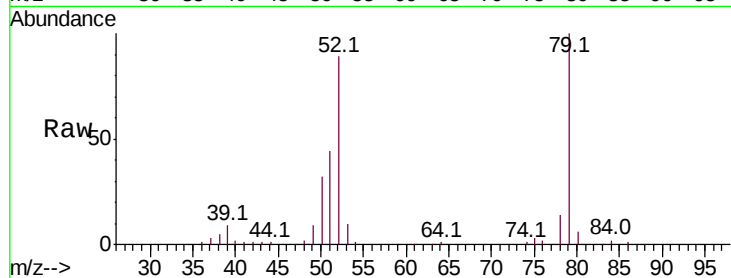
Tot Ion: 79 Resp: 136050

Ion Ratio Lower Upper

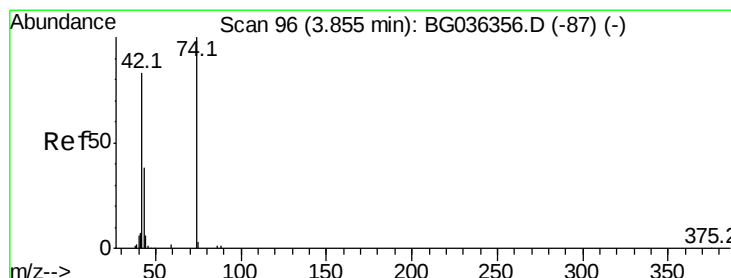
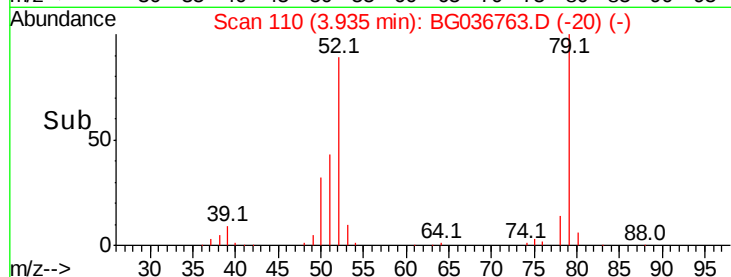
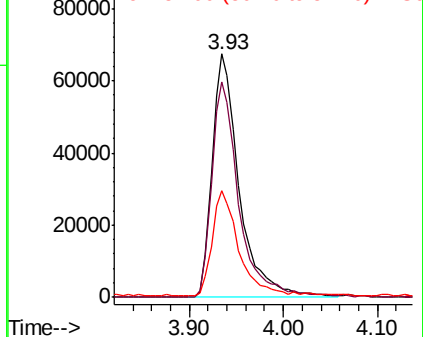
79 100

52 88.7 72.3 108.5

51 44.0 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: 35.310 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

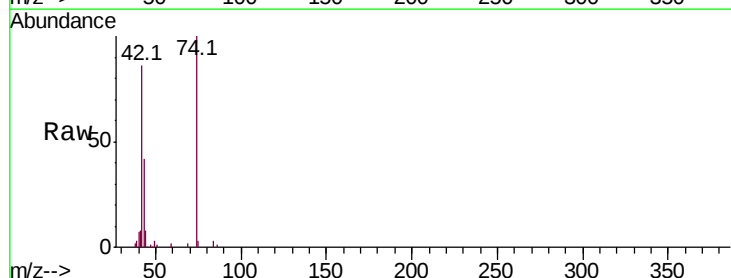
Tgt Ion: 42 Resp: 80699

Ion Ratio Lower Upper

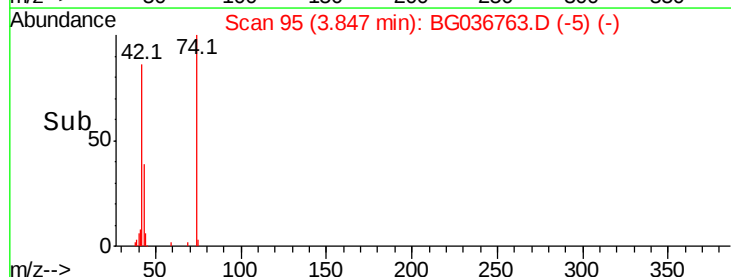
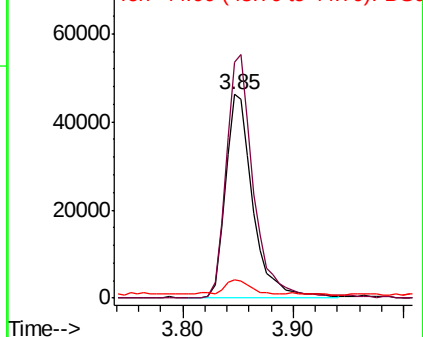
42 100

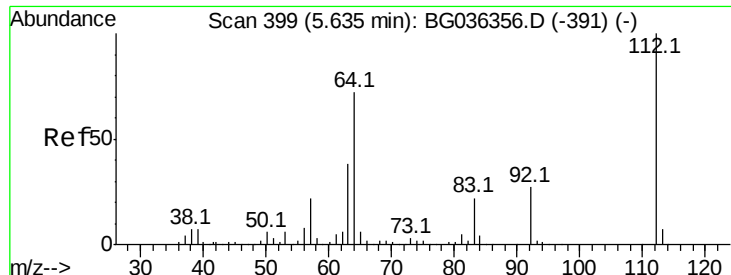
74 116.0 96.6 145.0

44 8.7 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: 103.495 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

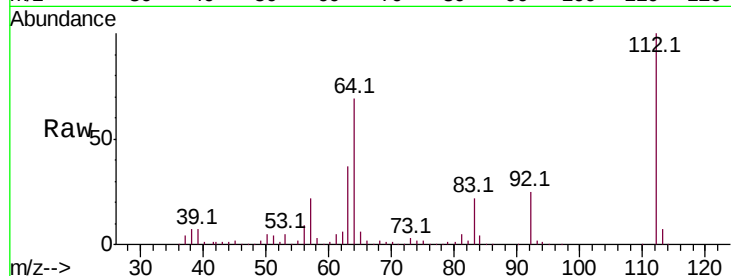
Tot Ion:112 Resp: 405396

Ion Ratio Lower Upper

112 100

64 69.0 57.2 85.8

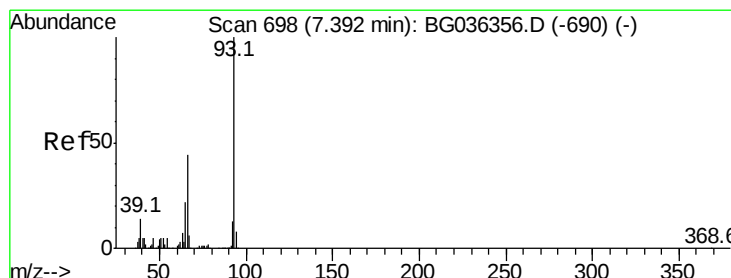
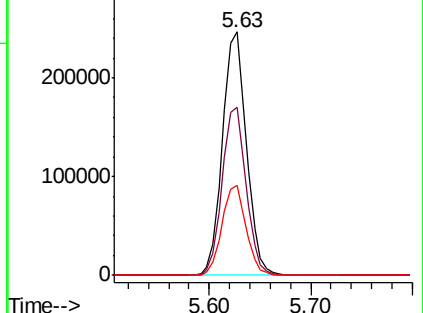
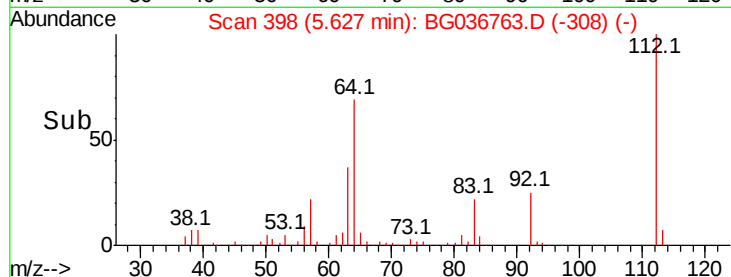
63 37.1 30.8 46.2



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: 32.830 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

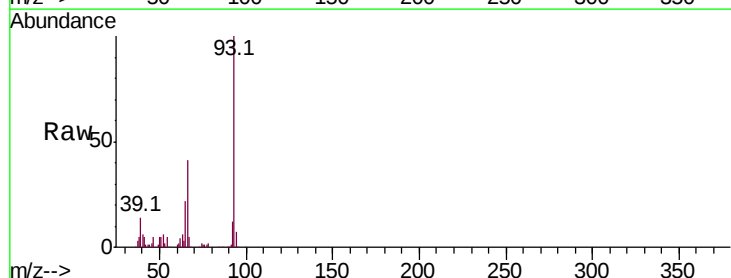
Tgt Ion: 93 Resp: 233703

Ion Ratio Lower Upper

93 100

66 41.0 35.0 52.4

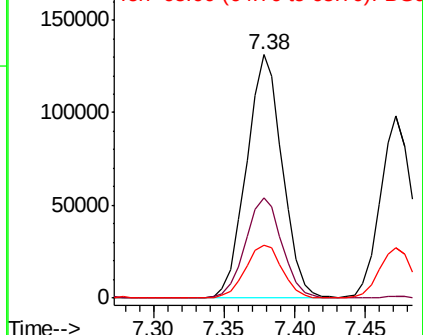
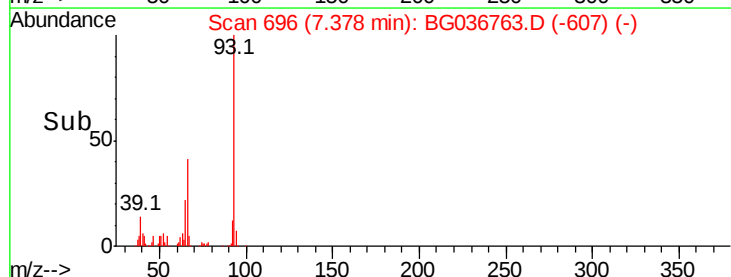
65 21.8 17.6 26.4



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: 100.750 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

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ClientSampleId :

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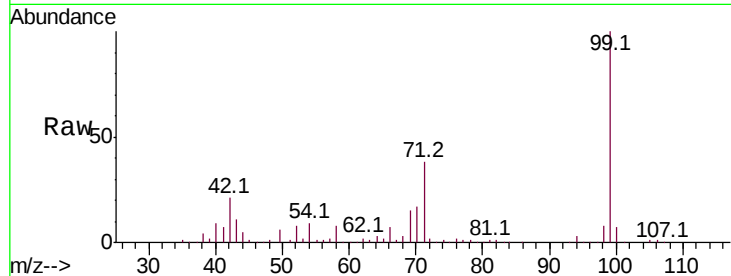
Tot Ion: 99 Resp: 565033

Ion Ratio Lower Upper

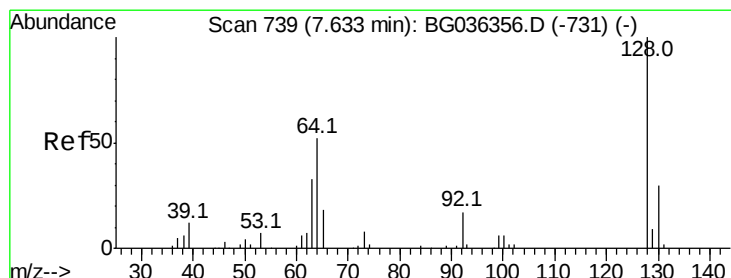
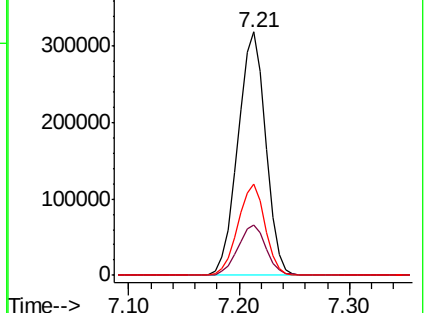
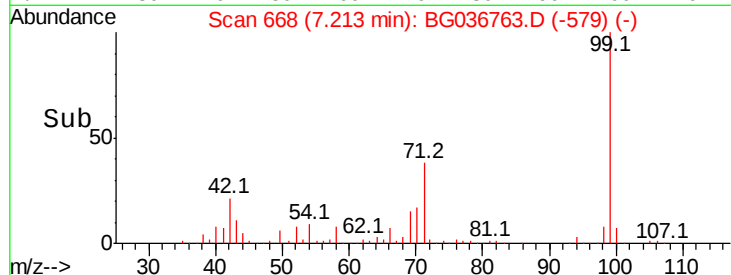
99 100

42 20.7 16.5 24.7

71 37.7 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: 37.096 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

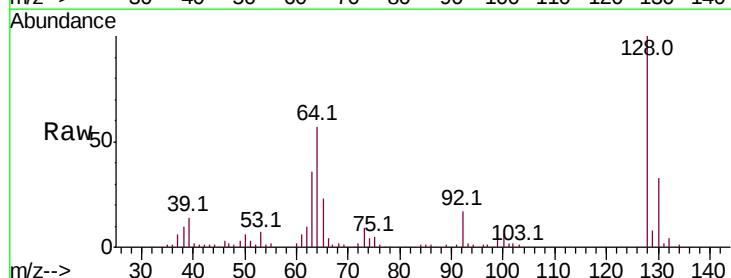
Tgt Ion: 128 Resp: 157578

Ion Ratio Lower Upper

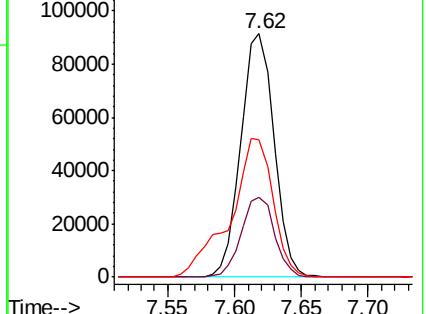
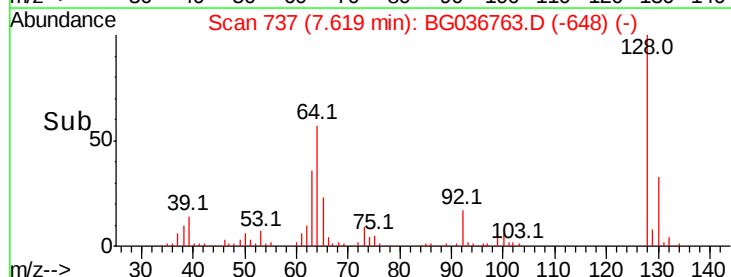
128 100

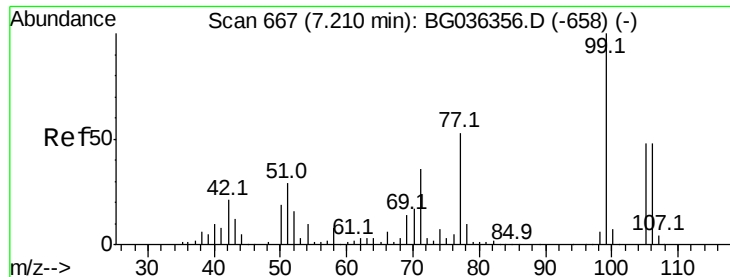
130 32.7 10.0 50.0

64 56.6 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.133 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

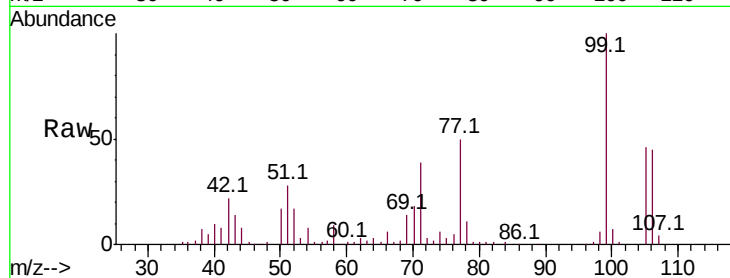
Tot Ion: 77 Resp: 54580

Ion Ratio Lower Upper

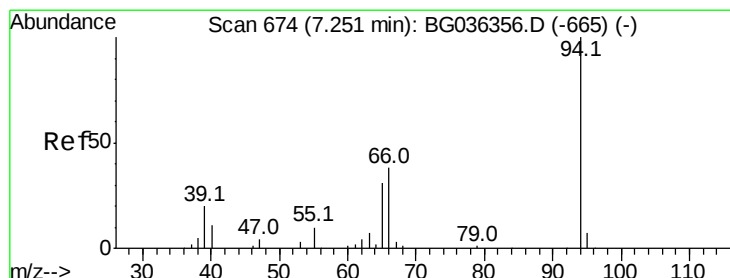
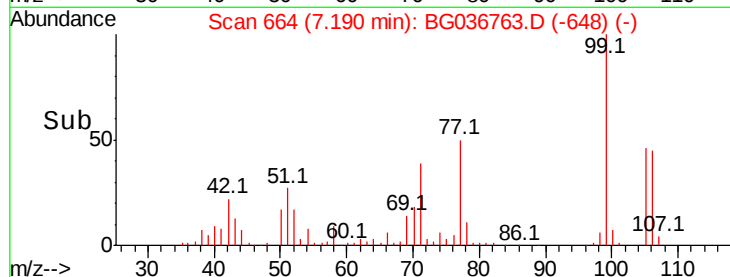
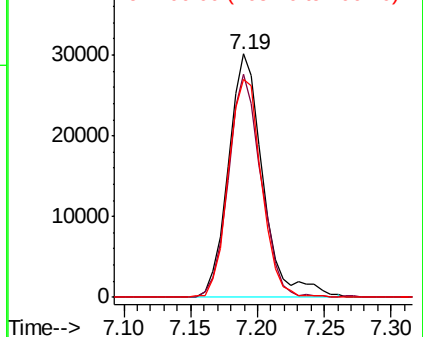
77 100

105 91.6 70.5 110.5

106 89.4 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: 37.809 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

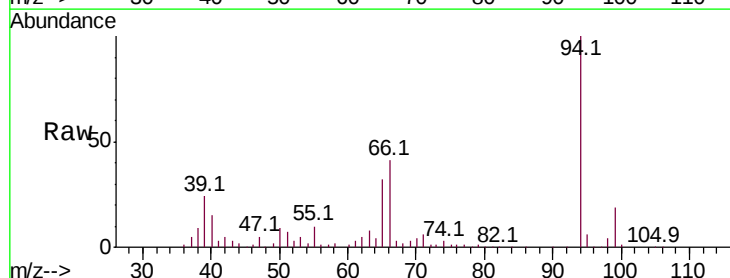
Tgt Ion: 94 Resp: 221900

Ion Ratio Lower Upper

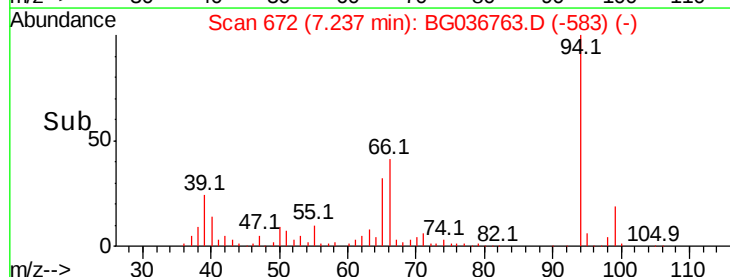
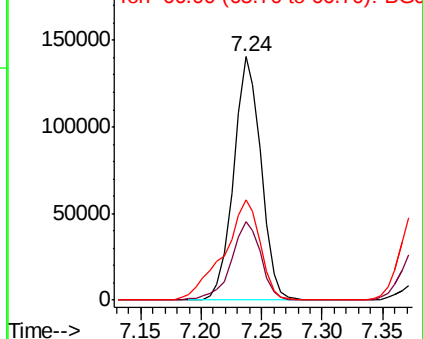
94 100

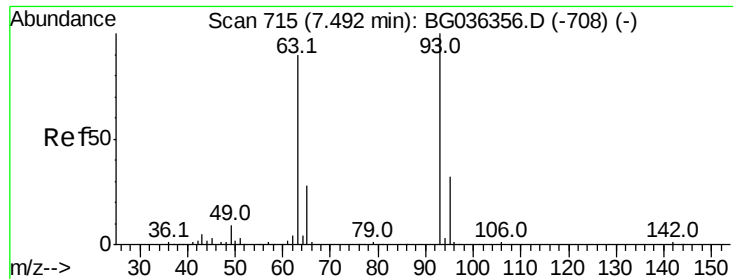
65 32.4 11.5 51.5

66 41.2 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: 33.142 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

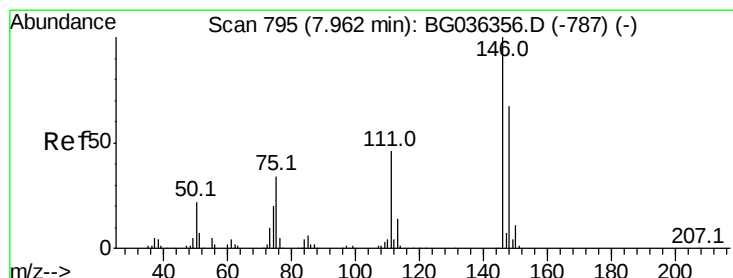
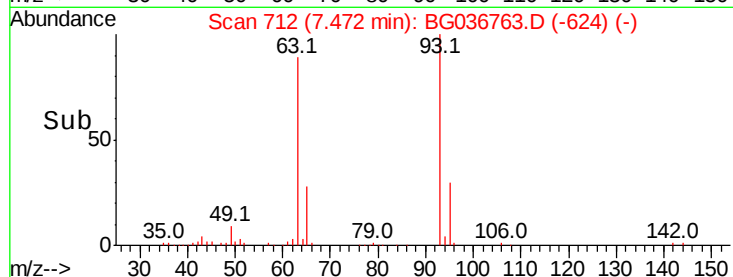
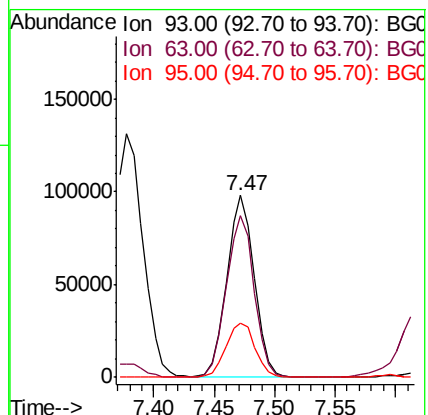
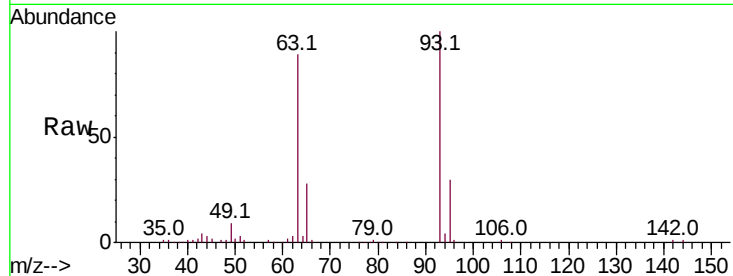
Tot Ion: 93 Resp: 154203

Ion Ratio Lower Upper

93 100

63 89.1 69.9 109.9

95 29.8 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 31.870 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

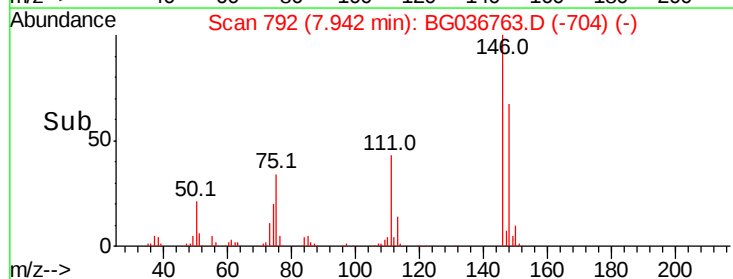
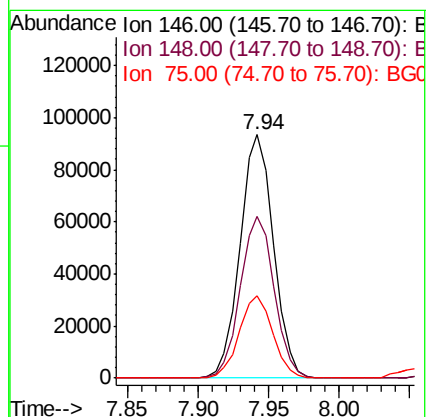
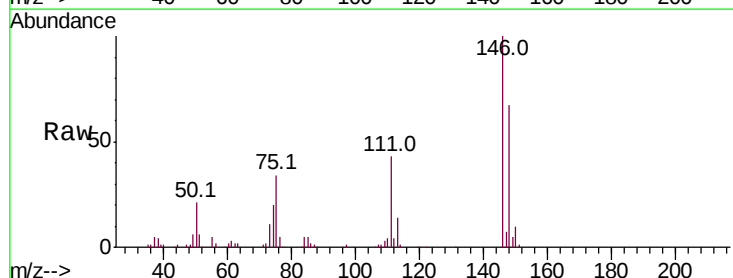
Tgt Ion: 146 Resp: 154581

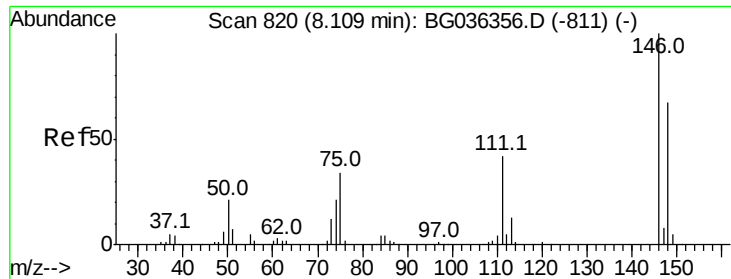
Ion Ratio Lower Upper

146 100

148 66.5 53.8 80.6

75 33.9 27.2 40.8

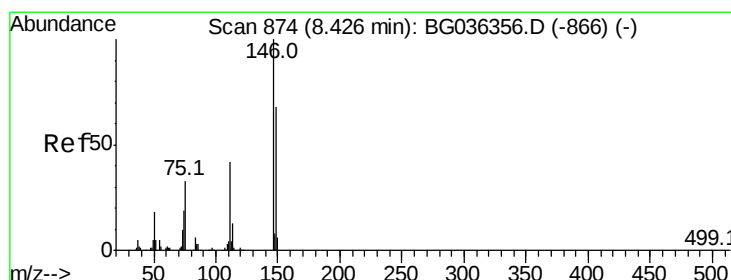
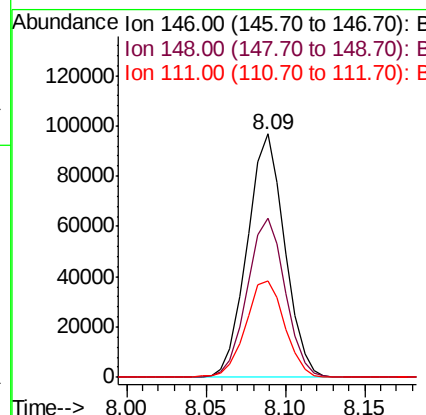
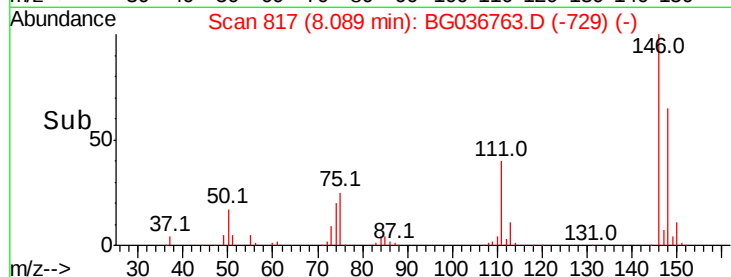
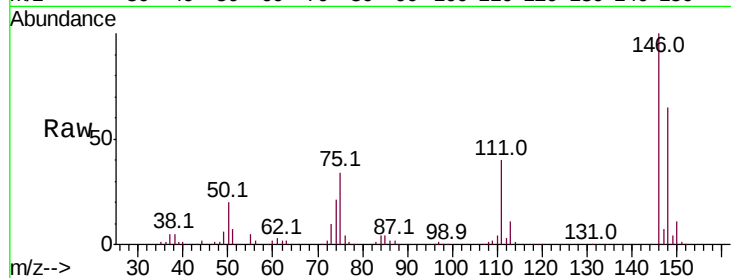




#13
 1,4-Dichlorobenzene
 Concen: 32.447 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

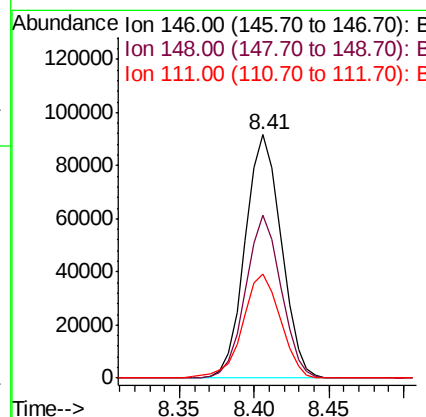
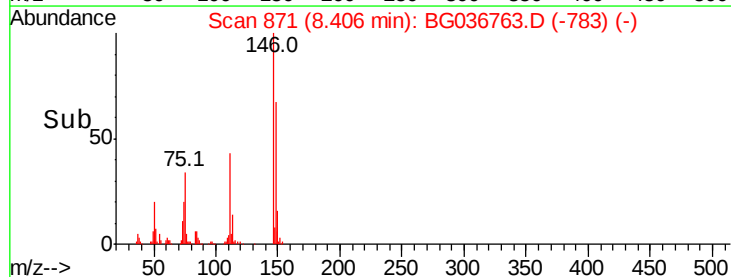
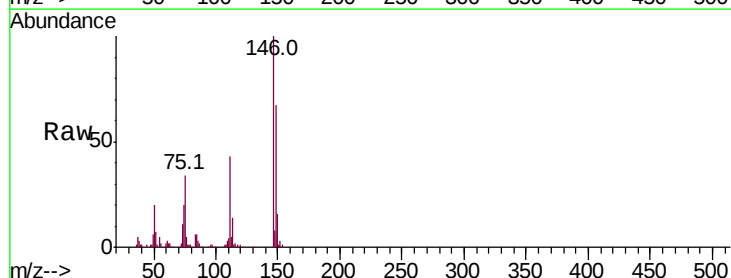
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:146 Resp: 158894
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.9 80.9
 111 39.6 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 32.800 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:146 Resp: 153401
 Ion Ratio Lower Upper
 146 100
 148 67.2 55.0 82.6
 111 42.7 34.6 51.8

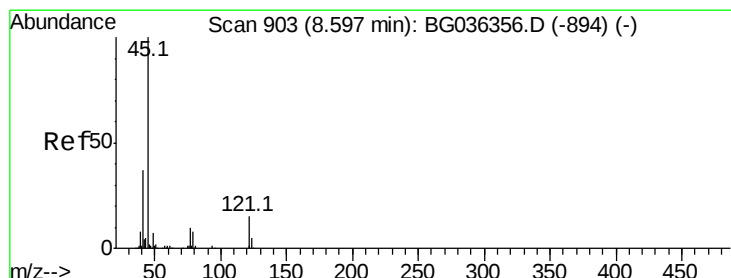
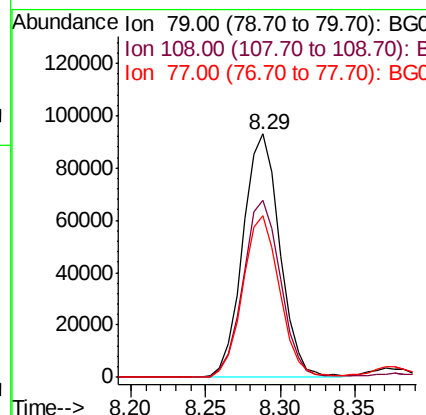
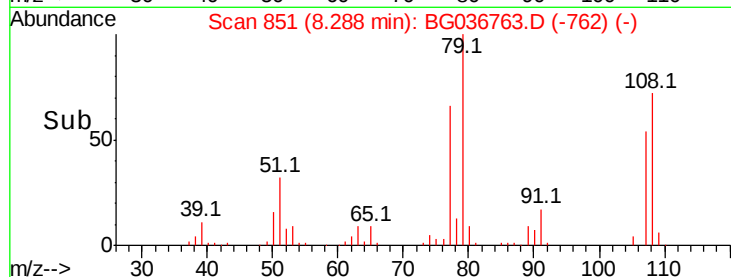
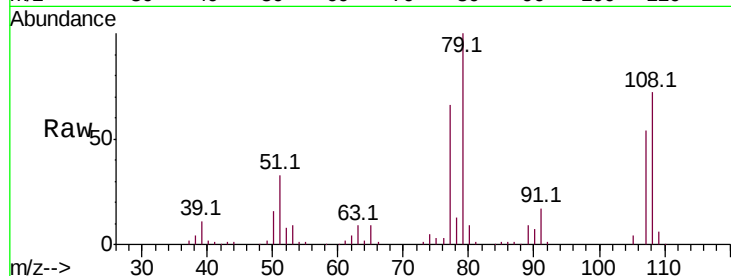




#15
Benzyl Alcohol
Concen: 35.283 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

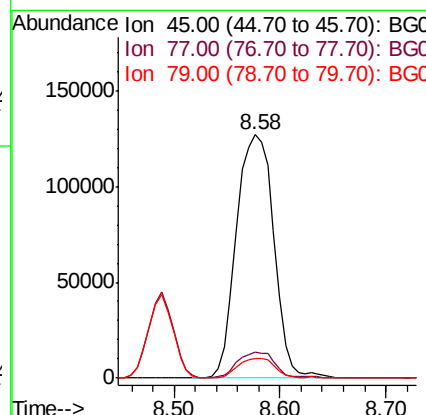
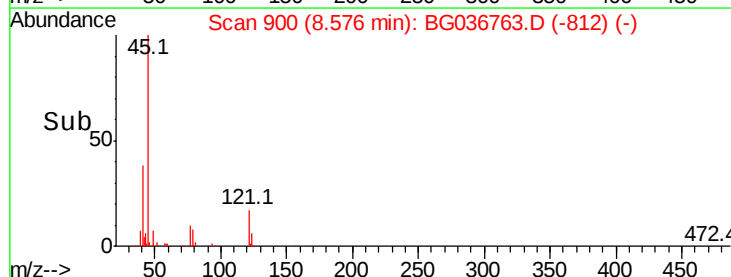
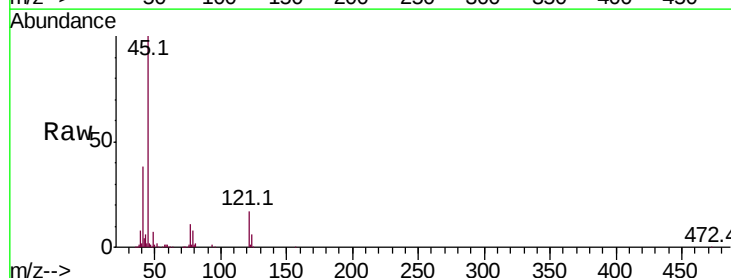
Instrument :
BNA_G
ClientSampleId :
PB112891BS

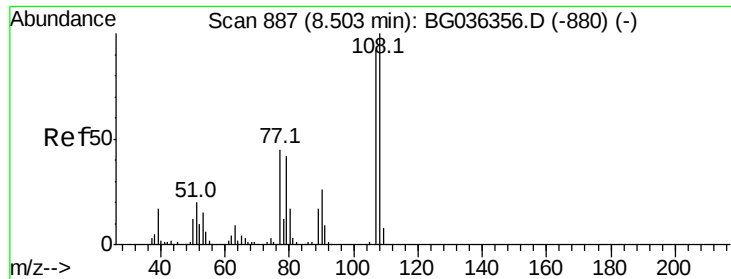
Tot Ion: 79 Resp: 159517
Ion Ratio Lower Upper
79 100
108 72.5 55.9 83.9
77 66.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.269 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 45 Resp: 312173
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.5
79 8.1 0.0 27.9

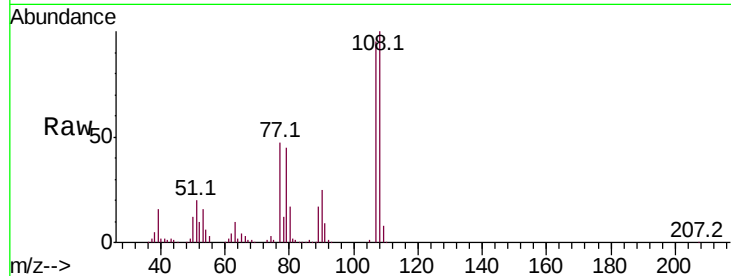




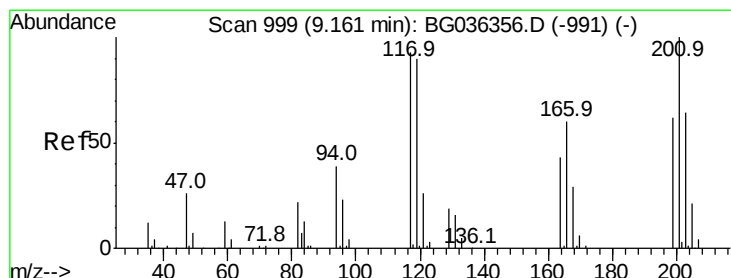
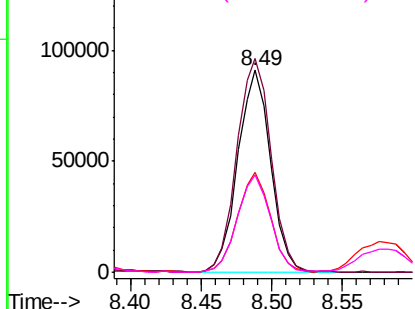
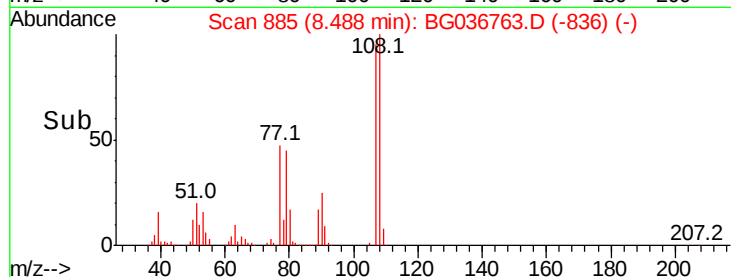
#17
2-Methylphenol
Concen: 37.927 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:	107	Resp:	147800
Ion	Ratio	Lower	Upper
107	100		
108	105.6	86.7	130.1
77	49.6	39.0	58.4
79	48.0	36.6	54.8

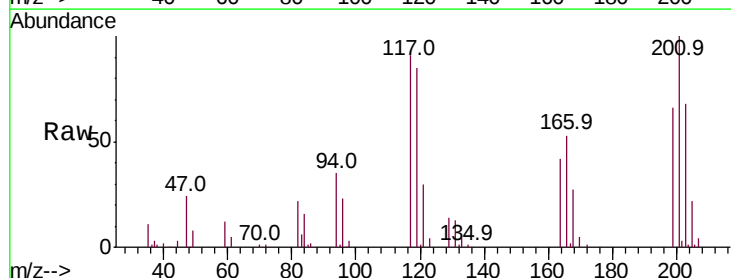


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

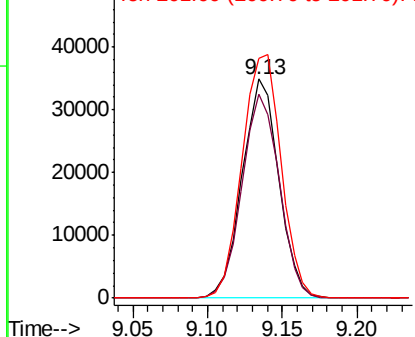
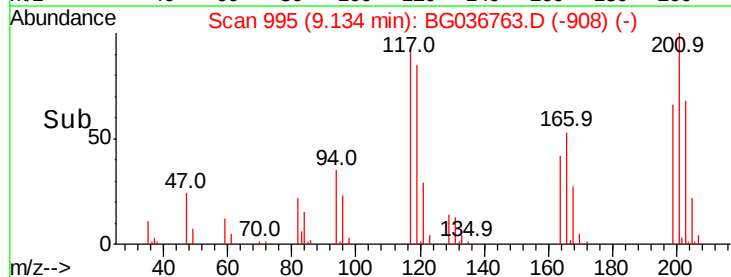


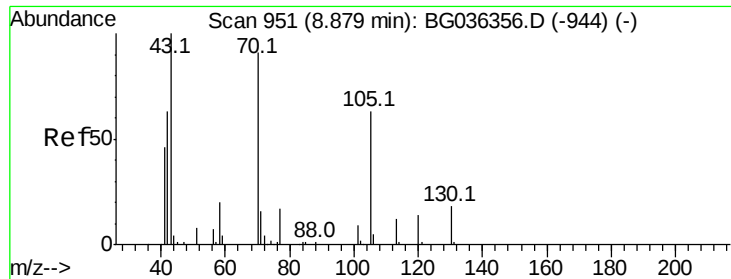
#18
Hexachloroethane
Concen: 33.751 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:	117	Resp:	59259
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.8	115.2
201	109.9	85.7	128.5



Abundance Ion 117.00 (116.70 to 117.70): E
50000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

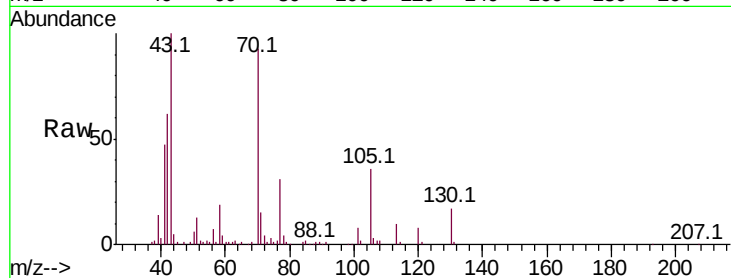




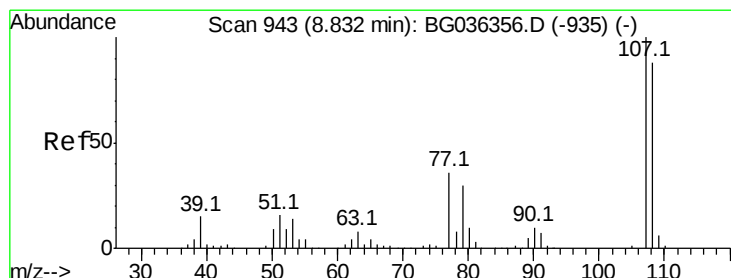
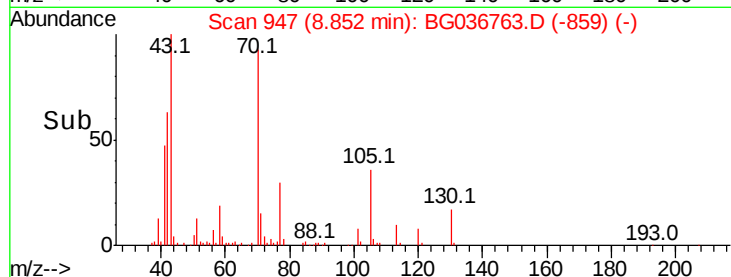
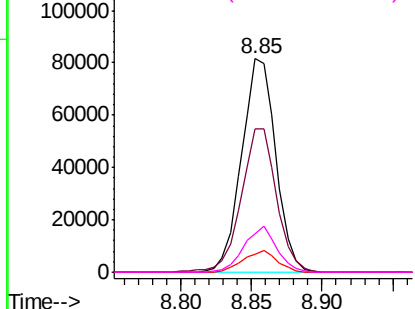
#19
n-Nitroso-di-n-propylamine
Concen: 32.897 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion: 70 Resp: 137886
Ion Ratio Lower Upper
70 100
42 67.0 56.2 84.4
101 8.6 7.8 11.6
130 17.8 16.2 24.2

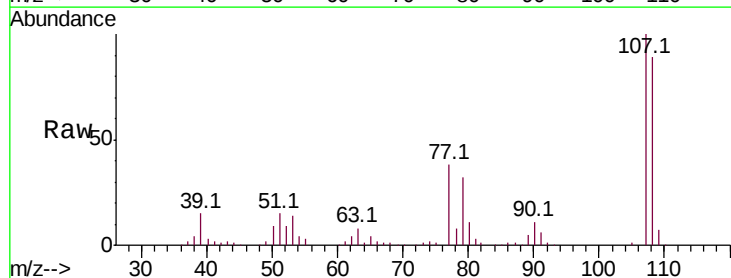


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

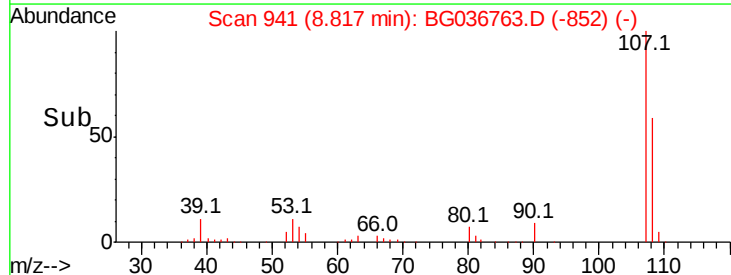
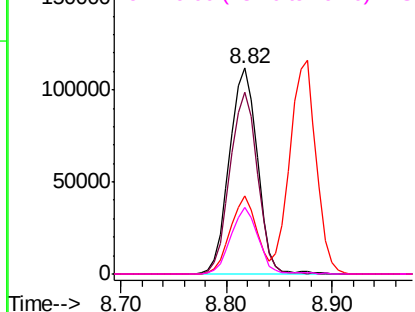


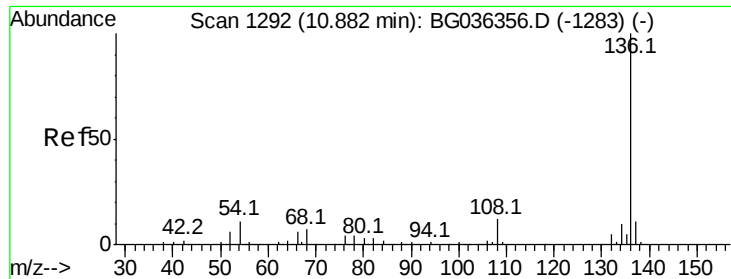
#20
3+4-Methylphenols
Concen: 37.637 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 107 Resp: 204776
Ion Ratio Lower Upper
107 100
108 88.7 68.0 108.0
77 37.8 15.6 55.6
79 32.3 9.9 49.9



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

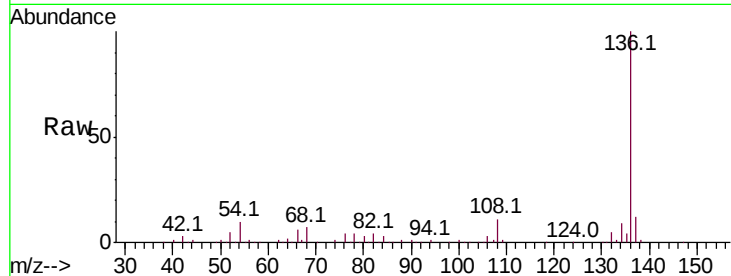




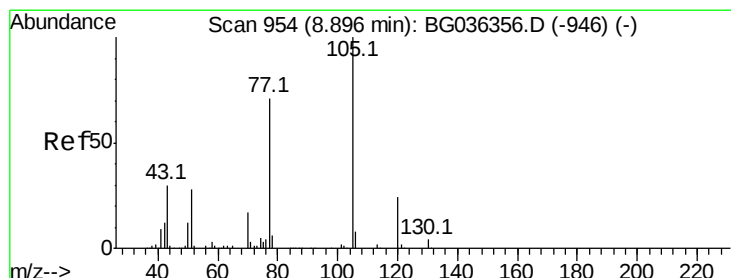
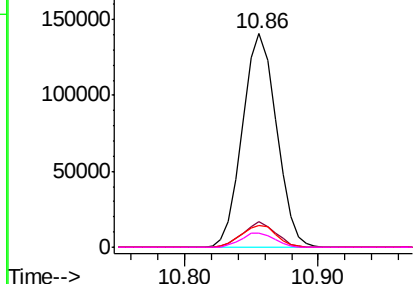
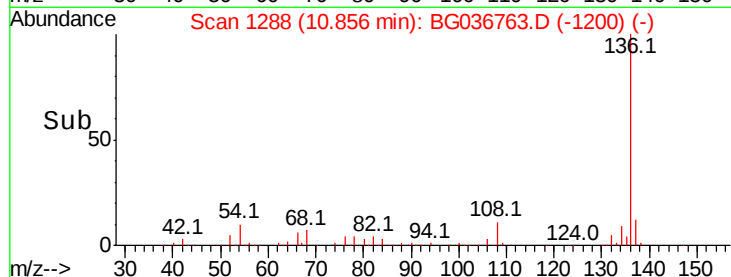
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:	136	Resp:	248067
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	10.4	9.2	13.8
68	6.7	5.8	8.6

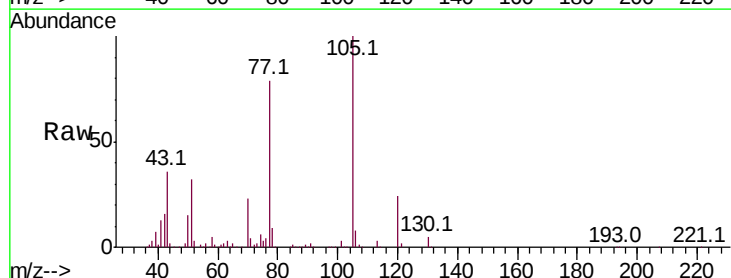


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

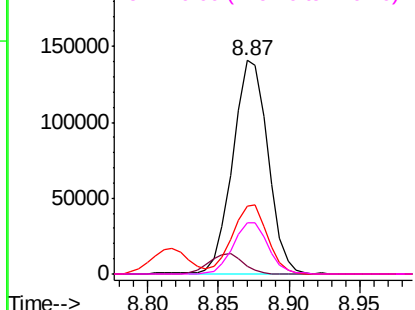
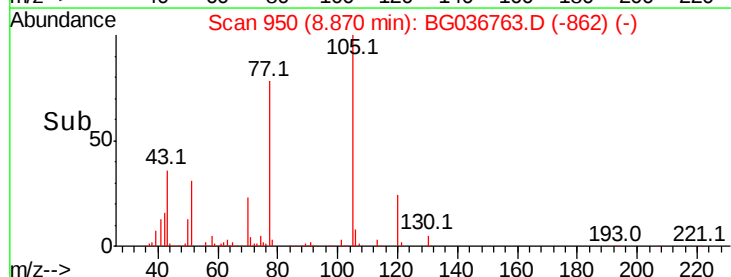


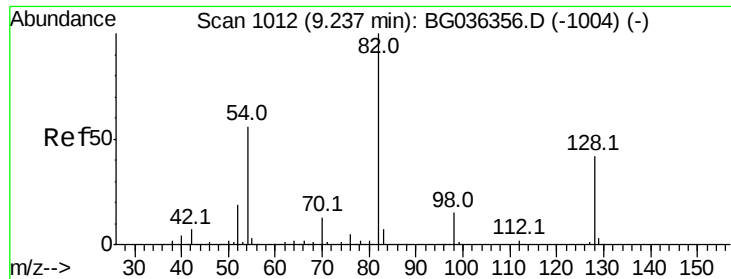
#22
Acetophenone
Concen: 37.702 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:	105	Resp:	245593
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.4	3.6#
51	31.9	25.9	38.9
120	23.8	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

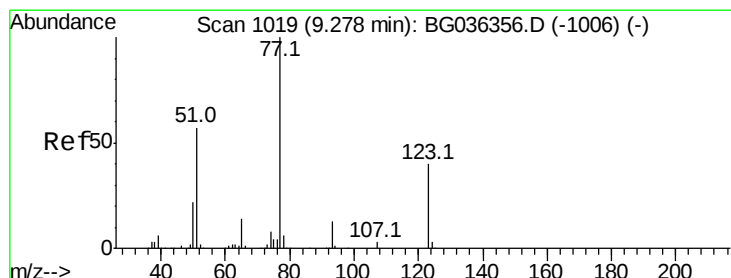
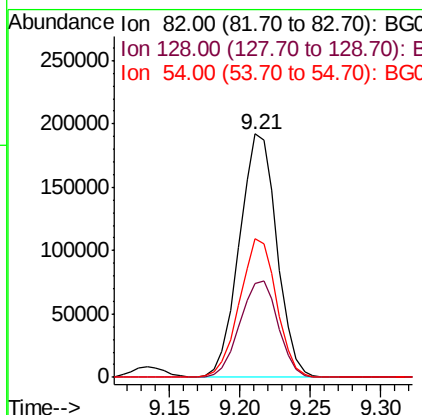
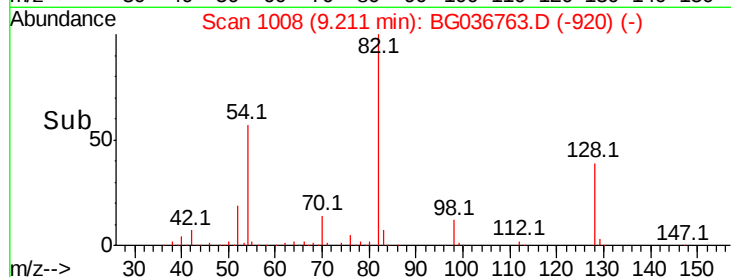
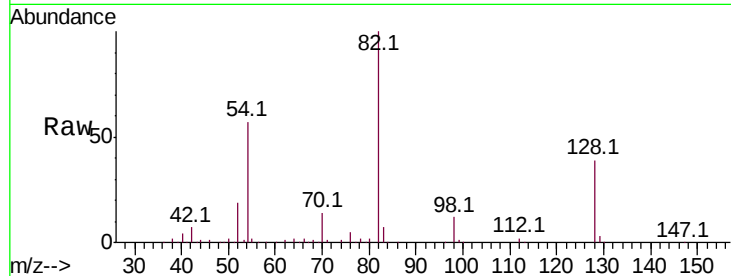




#23
 Nitrobenzene-d5
 Concen: 77.961 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

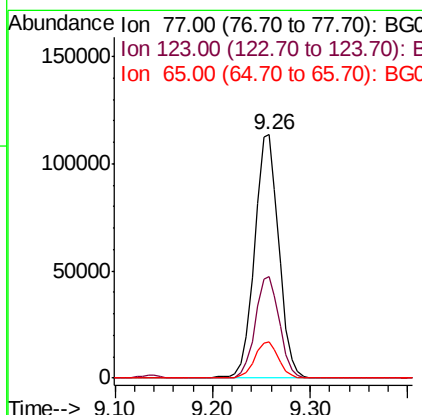
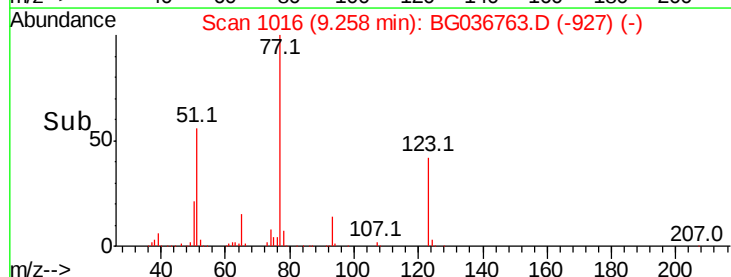
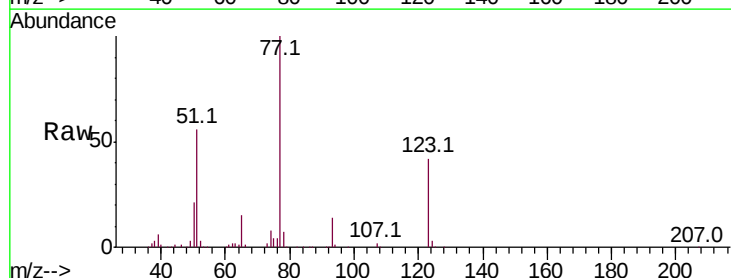
Instrument :
 BNA_G
 ClientSampleID :
 PB112891BS

Tot Ion: 82 Resp: 356446
 Ion Ratio Lower Upper
 82 100
 128 38.7 33.3 49.9
 54 56.8 45.1 67.7



#24
 Nitrobenzene
 Concen: 40.393 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion: 77 Resp: 199146
 Ion Ratio Lower Upper
 77 100
 123 41.9 32.4 48.6
 65 14.9 11.5 17.3

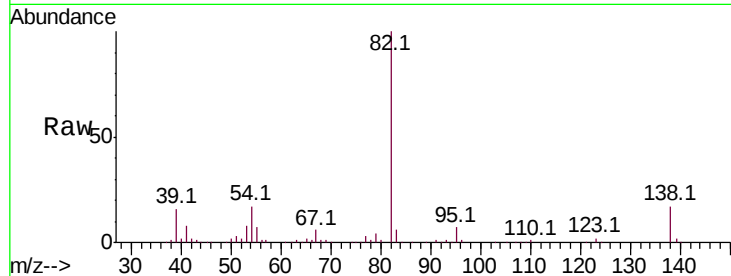




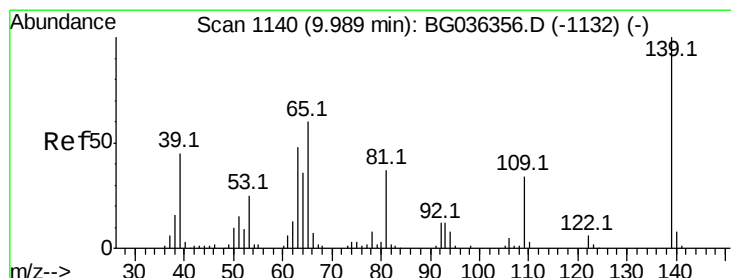
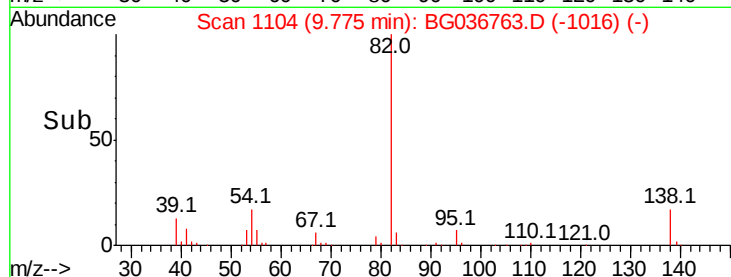
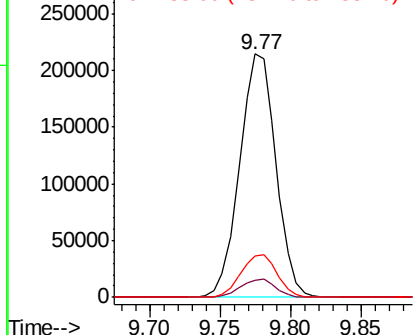
#25
Isophorone
Concen: 42.467 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion: 82 Resp: 385716
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 16.7 12.9 19.3

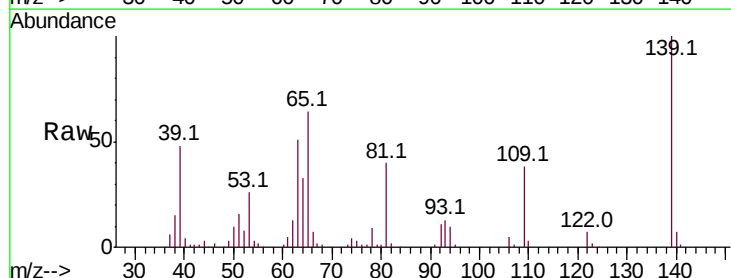


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

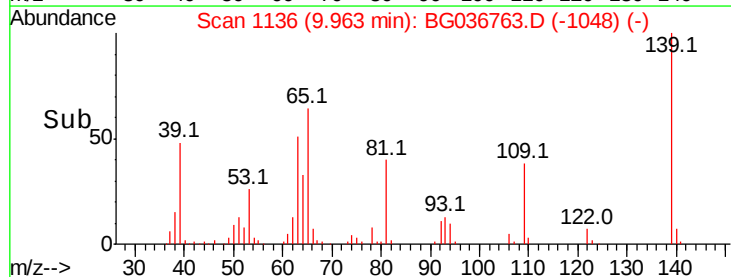
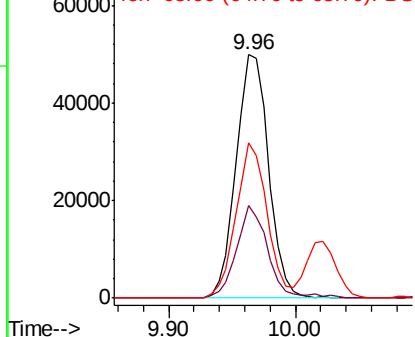


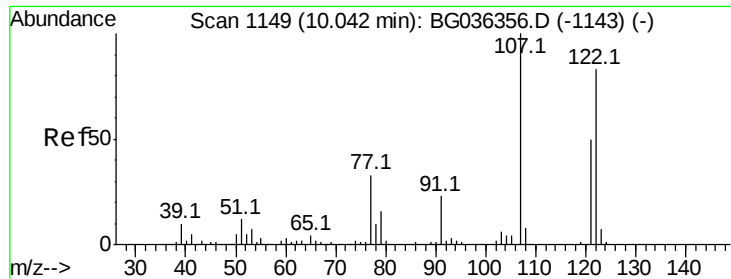
#26
2-Nitrophenol
Concen: 45.270 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 139 Resp: 88443
Ion Ratio Lower Upper
139 100
109 38.2 27.4 41.0
65 63.7 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

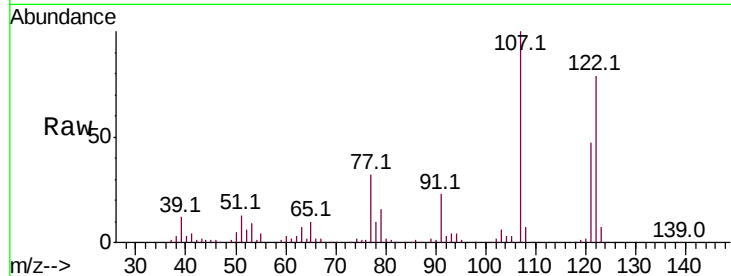




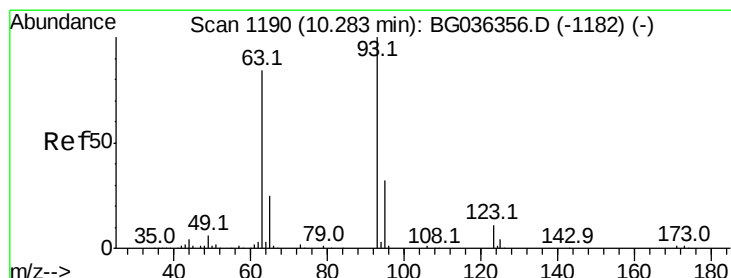
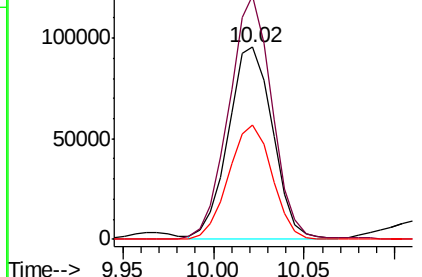
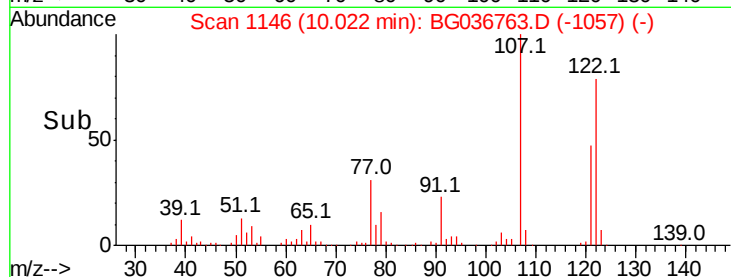
#27
 2,4-Dimethylphenol
 Concen: 44.789 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:122 Resp: 162002
 Ion Ratio Lower Upper
 122 100
 107 126.6 96.0 144.0
 121 59.6 48.2 72.4

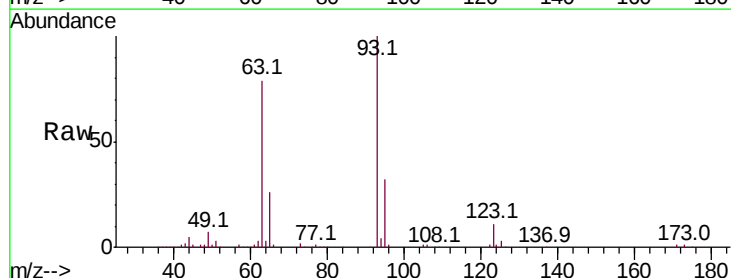


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

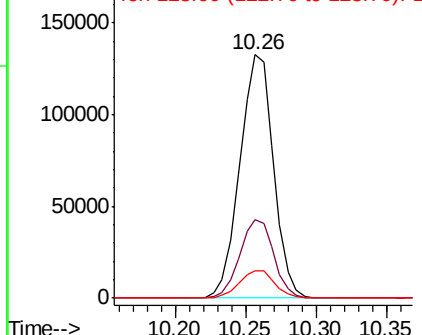
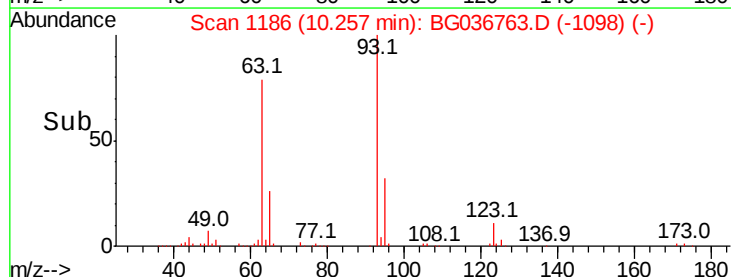


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.589 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion: 93 Resp: 220682
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.2 37.8
 123 11.4 8.6 12.8



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

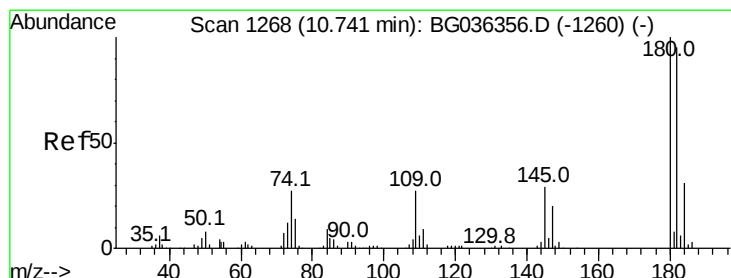
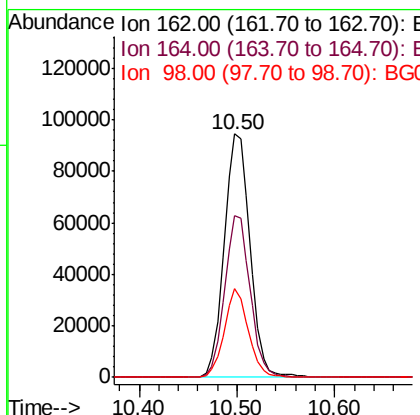
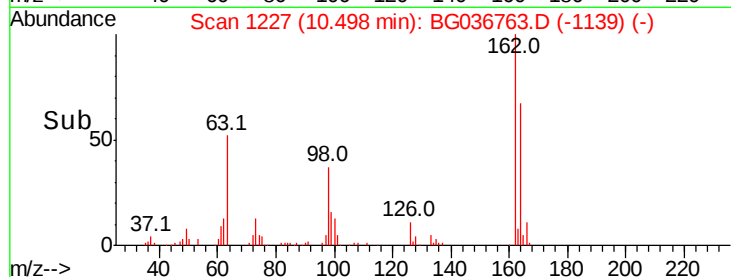
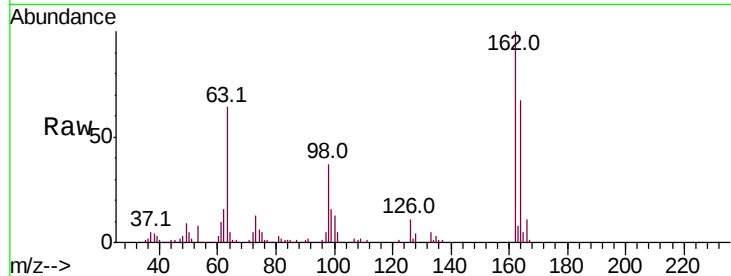




#29
 2,4-Dichlorophenol
 Concen: 43.620 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

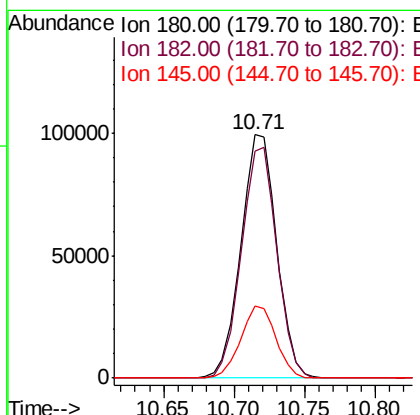
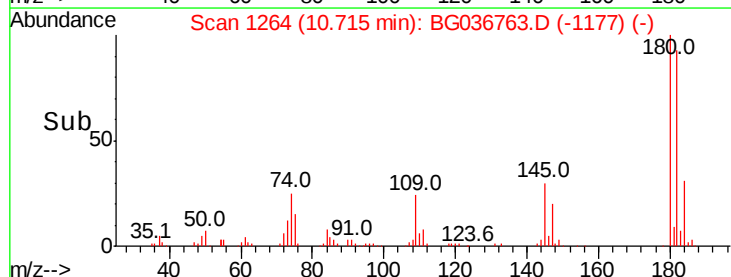
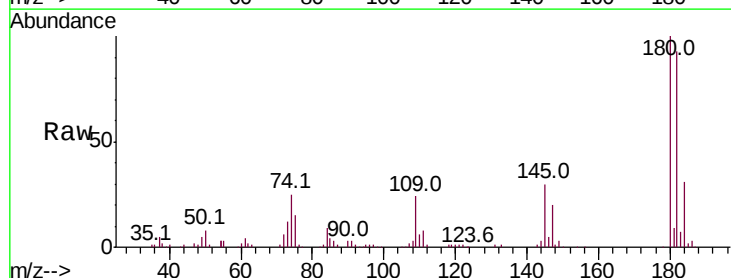
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:162 Resp: 172914
 Ion Ratio Lower Upper
 162 100
 164 66.5 47.6 87.6
 98 36.6 19.2 59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.031 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:180 Resp: 176361
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.0 114.0
 145 29.6 22.9 34.3

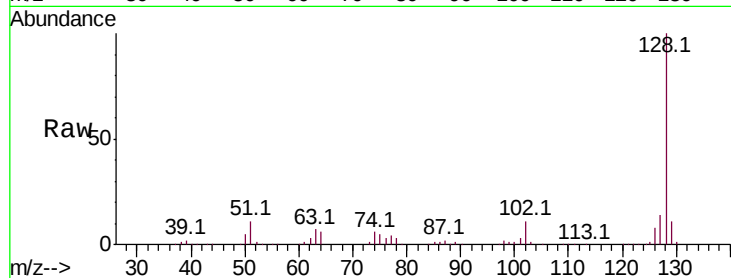




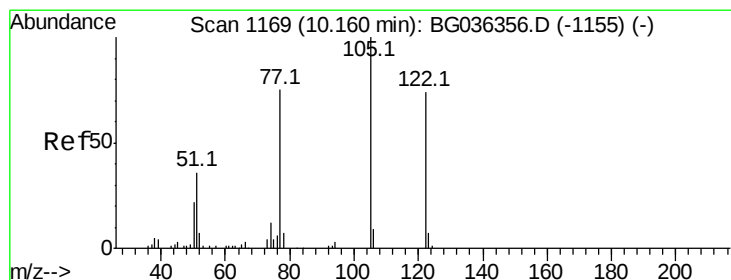
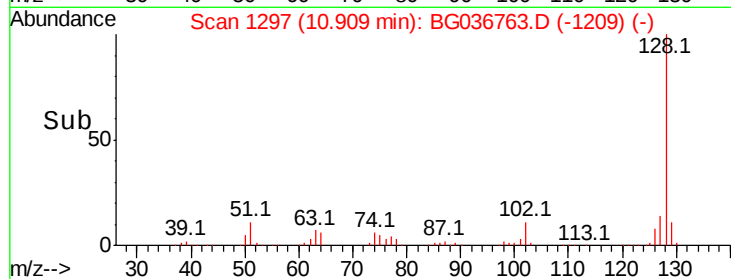
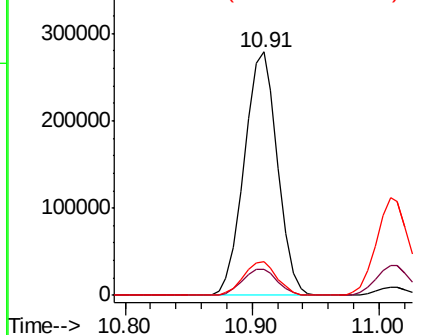
#31
Naphthalene
Concen: 40.868 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:128 Resp: 506789
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 14.0 11.0 16.4

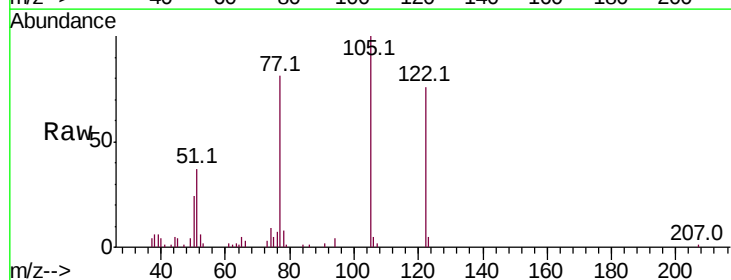


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

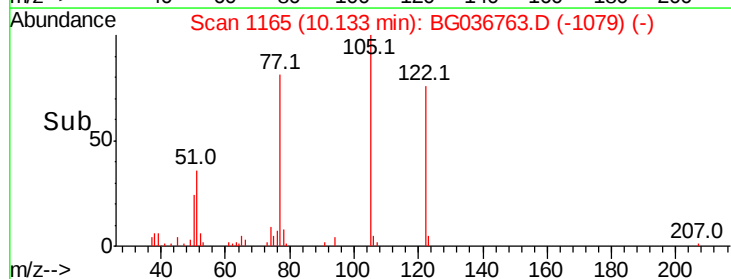
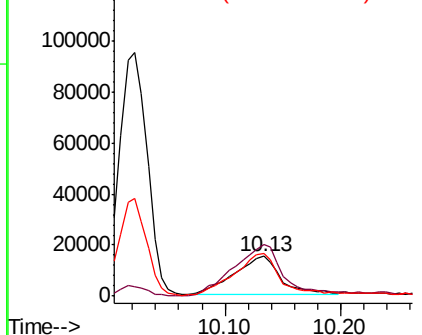


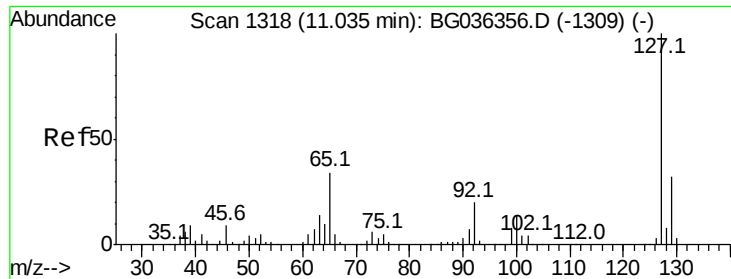
#32
Benzoic acid
Concen: 18.789 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:122 Resp: 42324
Ion Ratio Lower Upper
122 100
105 131.2 108.1 148.1
77 106.8 76.3 116.3



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

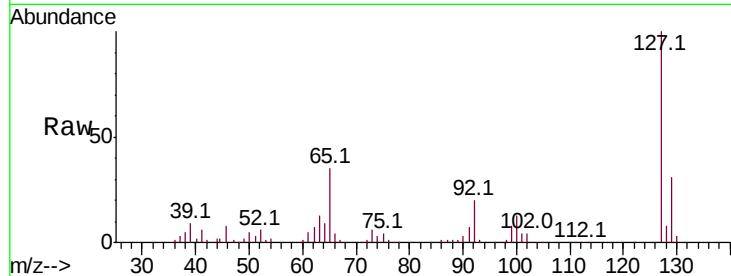




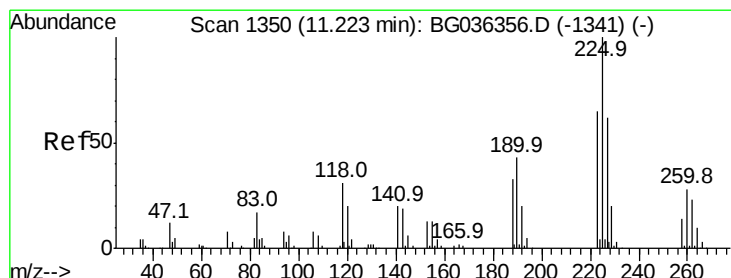
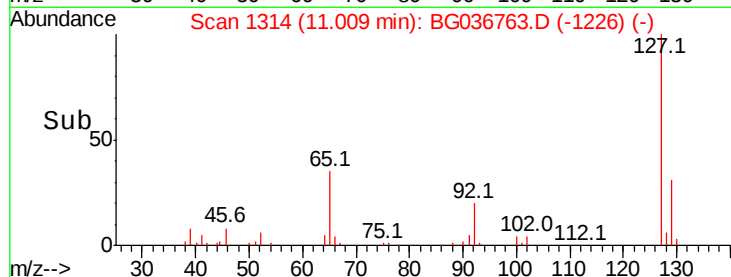
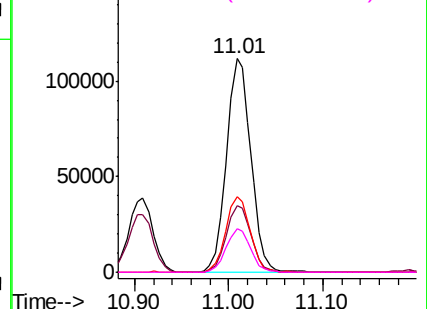
#33
4-Chloroaniline
Concen: 35.537 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:	127	Resp:	201939
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	35.1	27.5	41.3
92	20.5	16.2	24.2

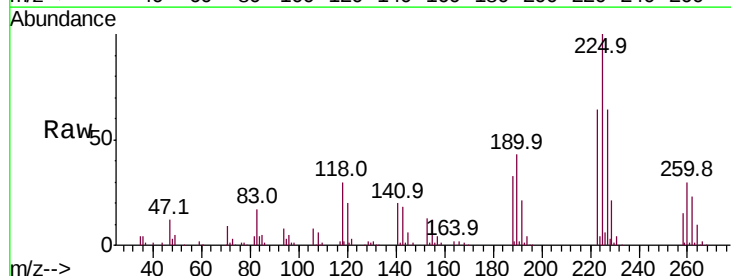


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

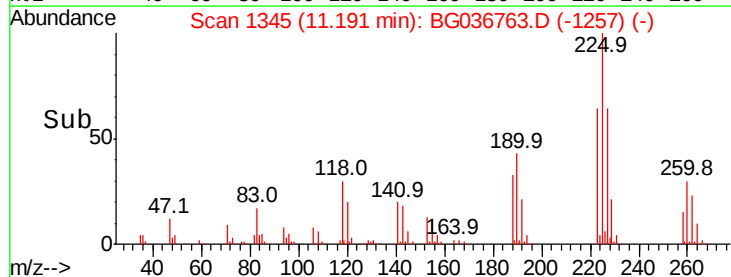
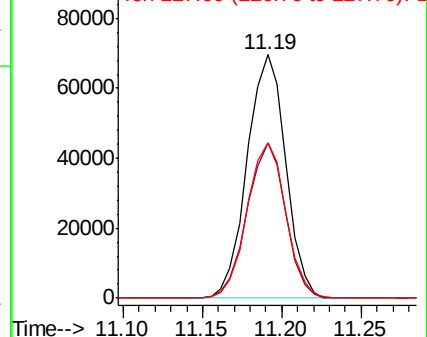


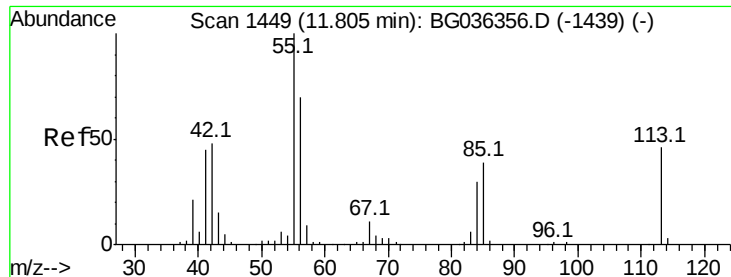
#34
Hexachlorobutadiene
Concen: 37.733 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:	225	Resp:	117565
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.8
227	64.0	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

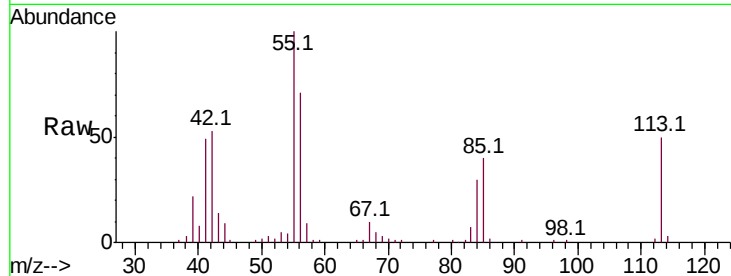




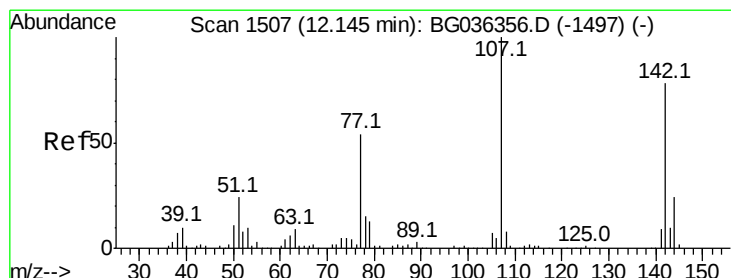
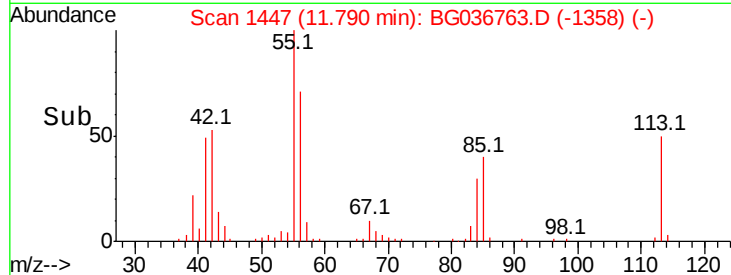
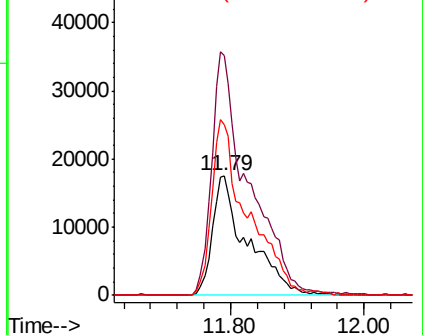
#35
Caprolactam
Concen: 40.487 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:113 Resp: 63935
Ion Ratio Lower Upper
113 100
55 200.8 197.7 237.7
56 142.6 131.7 171.7

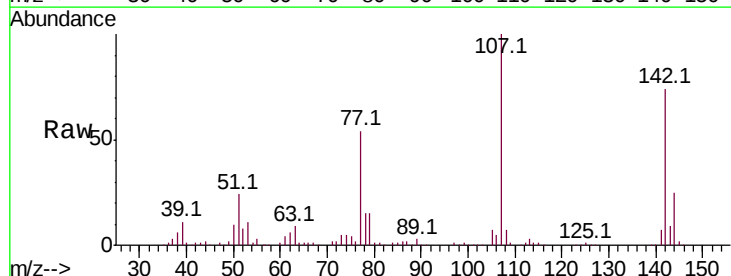


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

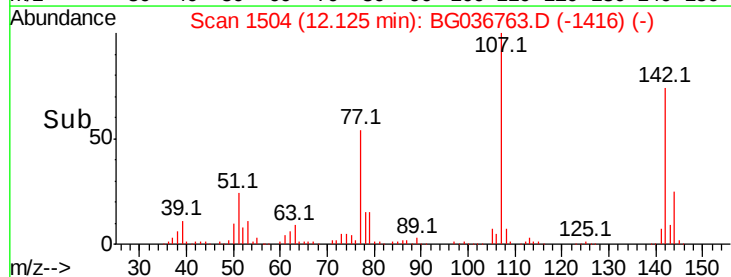
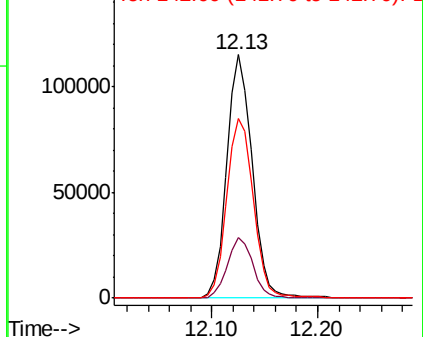


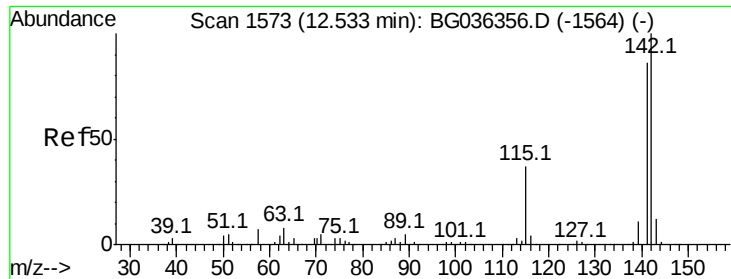
#36
4-Chloro-3-methylphenol
Concen: 41.561 ng
RT: 12.13 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:107 Resp: 191433
Ion Ratio Lower Upper
107 100
144 24.8 19.5 29.3
142 73.7 62.4 93.6



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

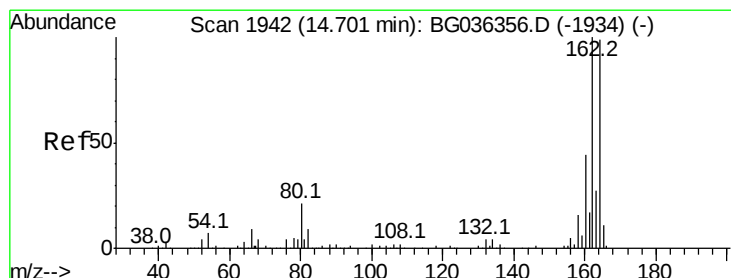
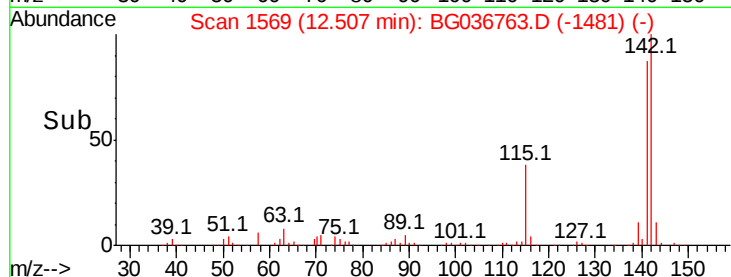
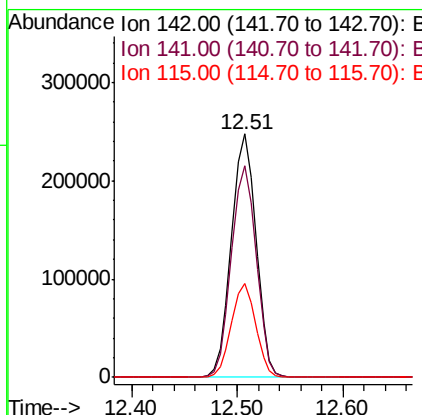
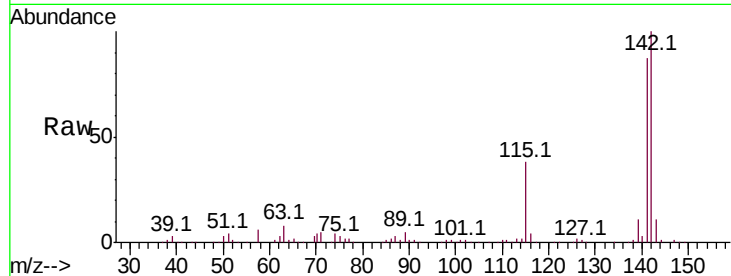




#37
 2-Methylnaphthalene
 Concen: 44.111 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

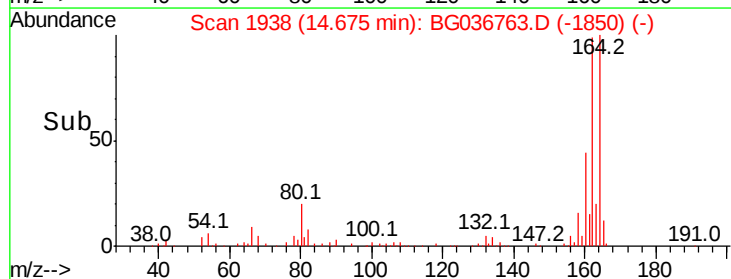
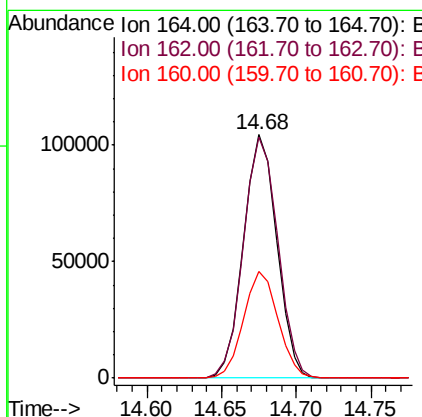
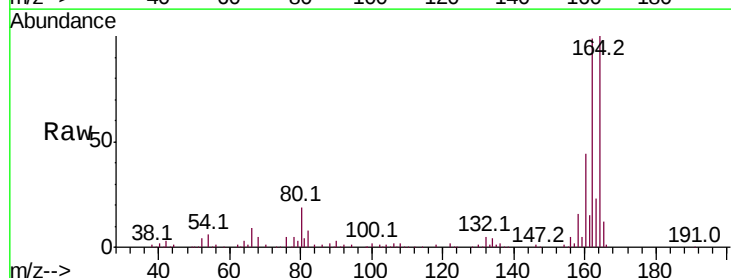
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

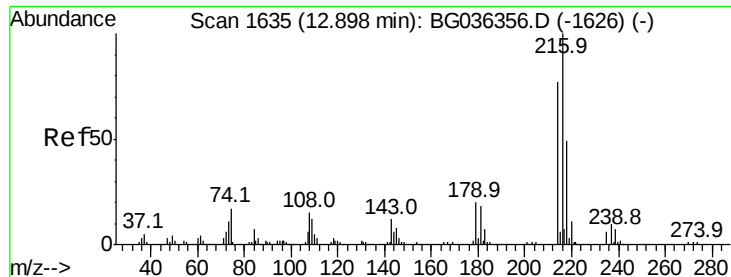
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	68.5	102.7
115	38.5	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.7	121.1
160	43.7	35.3	52.9

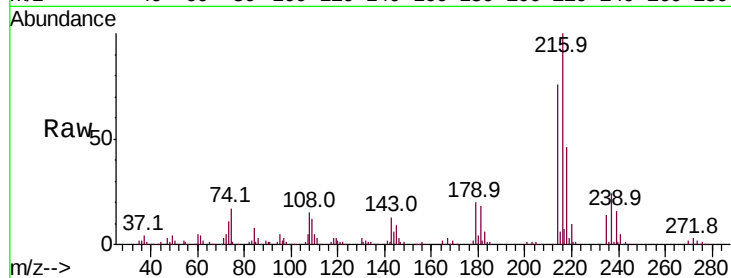




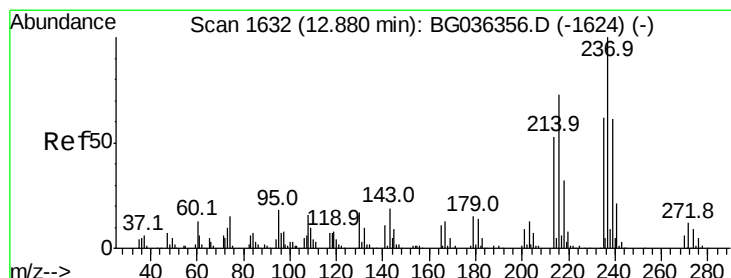
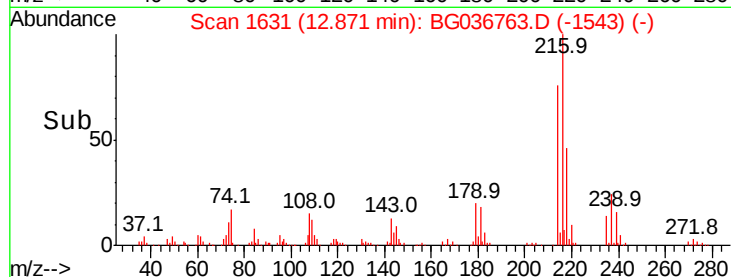
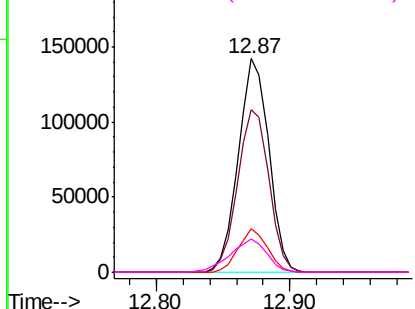
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.303 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:	216	Resp:	225058
Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.0	91.6
179	19.5	15.7	23.5
108	18.4	13.1	19.7

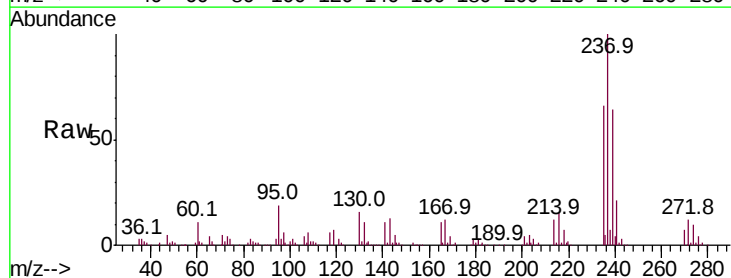


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

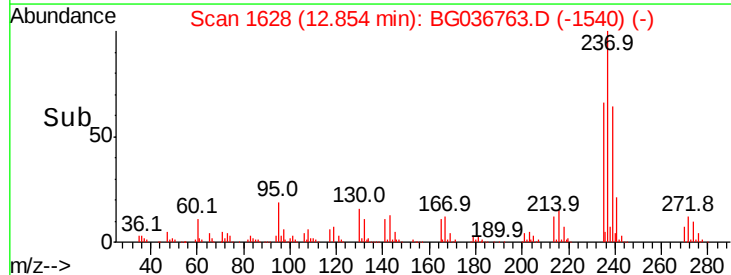
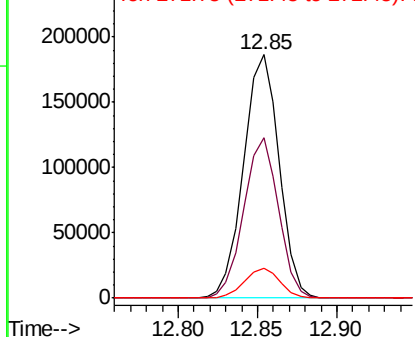


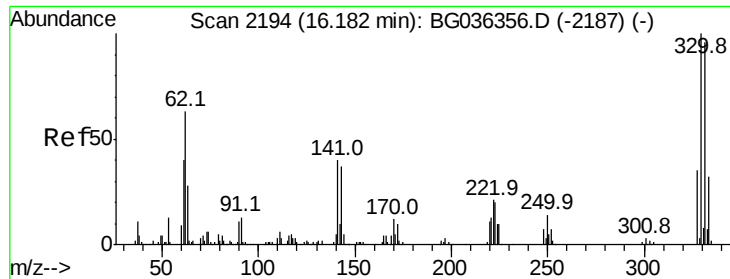
#40
 Hexachlorocyclopentadiene
 Concen: 97.646 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:	237	Resp:	290925
Ion	Ratio	Lower	Upper
237	100		
235	65.8	42.2	82.2
272	12.4	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: 122.032 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

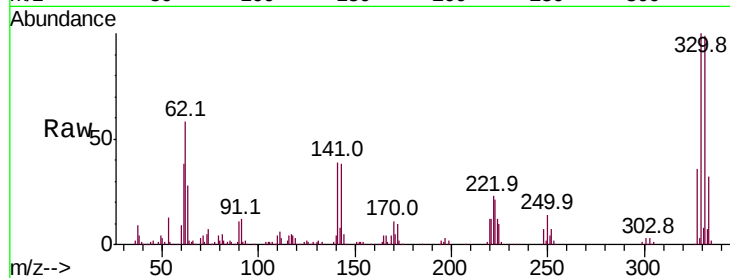
Tot Ion:330 Resp: 235613

Ion Ratio Lower Upper

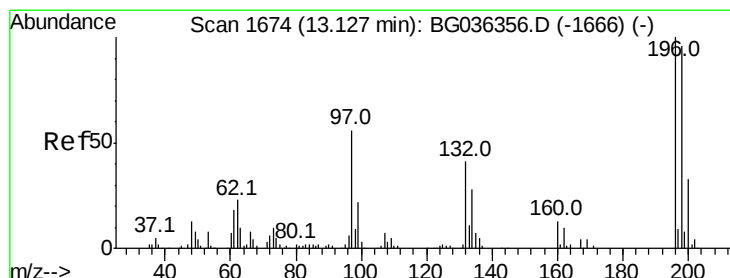
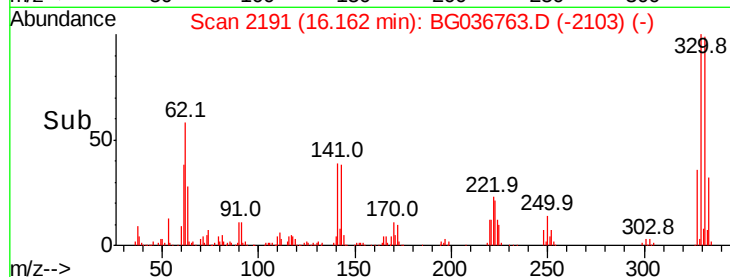
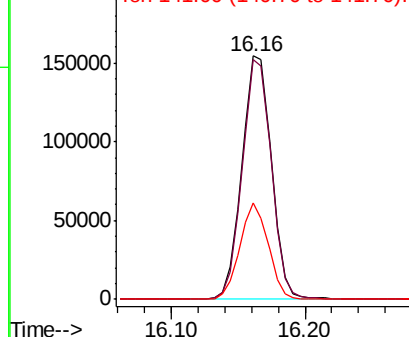
330 100

332 97.3 75.4 113.2

141 38.4 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: 42.935 ng

RT: 13.11 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

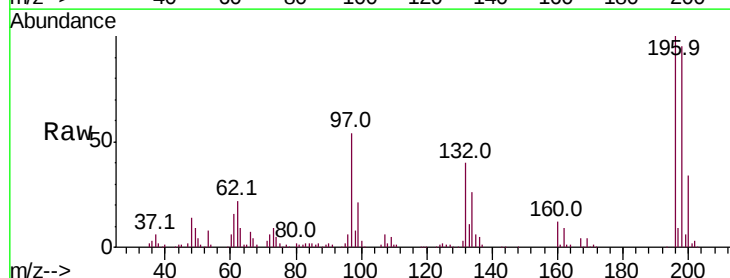
Tgt Ion:196 Resp: 149764

Ion Ratio Lower Upper

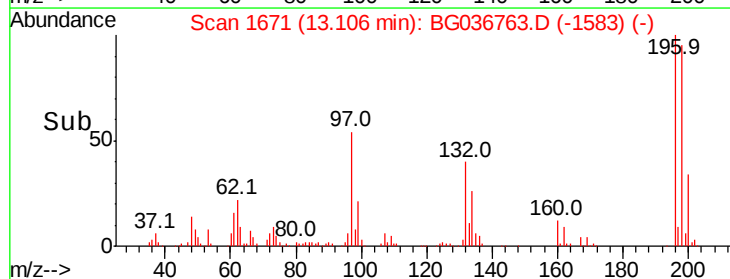
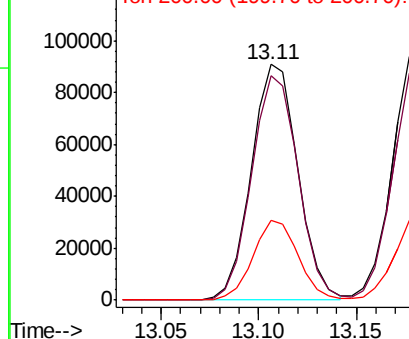
196 100

198 95.1 77.2 115.8

200 33.7 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

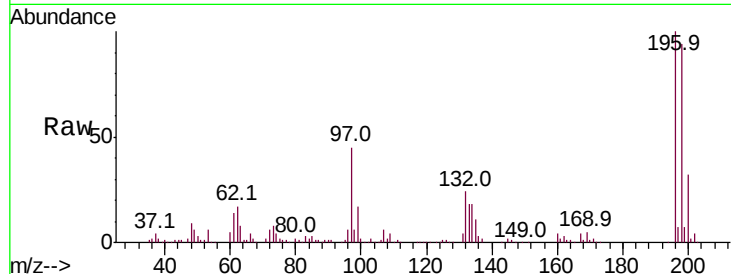




#43
 2,4,5-Trichlorophenol
 Concen: 43.783 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampleID :
 PB112891BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.6	113.4
97	44.9	37.2	55.8
132	23.7	19.4	29.2



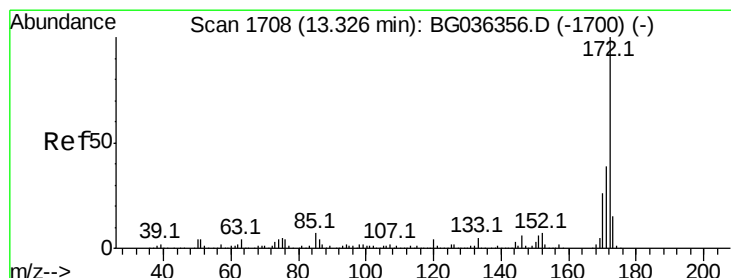
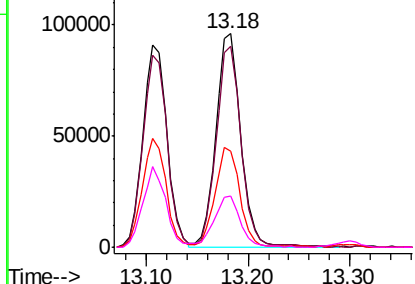
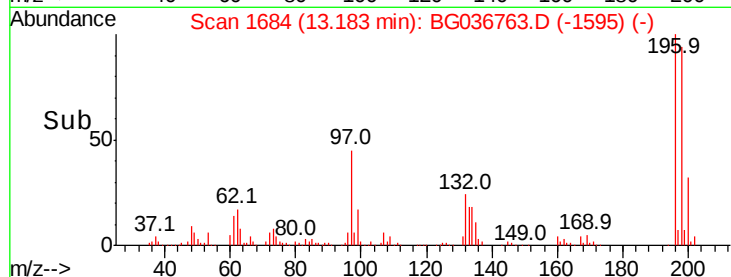
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

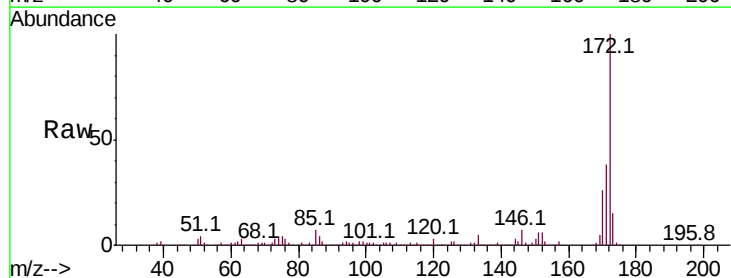
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.005 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.5	21.0	31.6

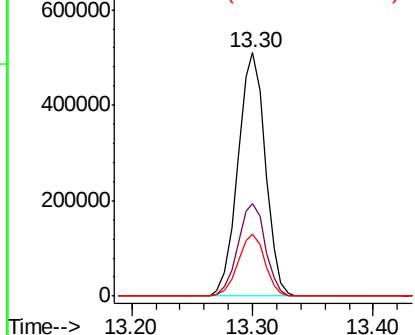
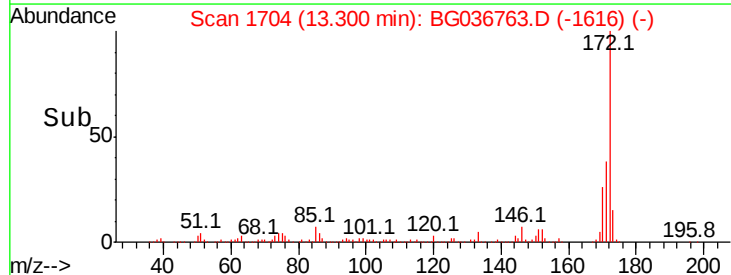


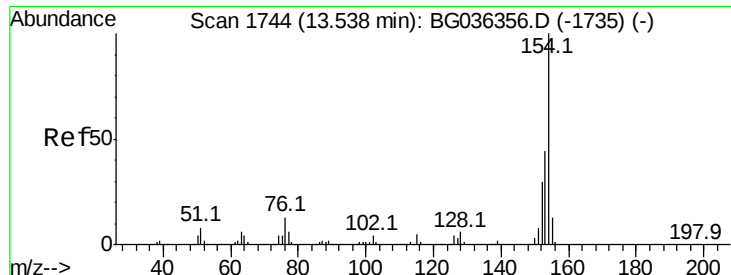
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.905 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

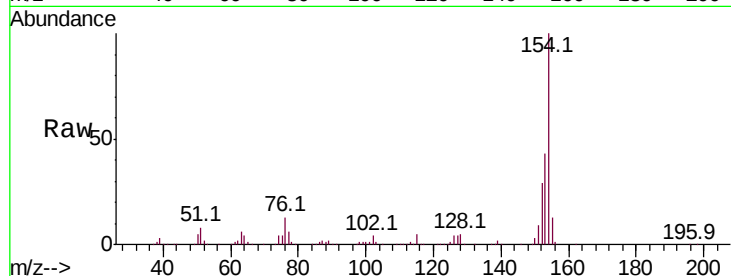
Tot Ion:154 Resp: 509120

Ion Ratio Lower Upper

154 100

153 42.7 24.0 64.0

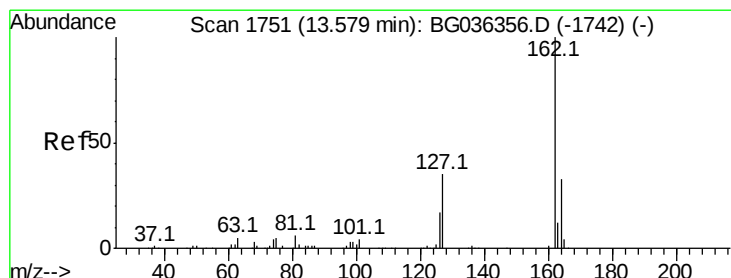
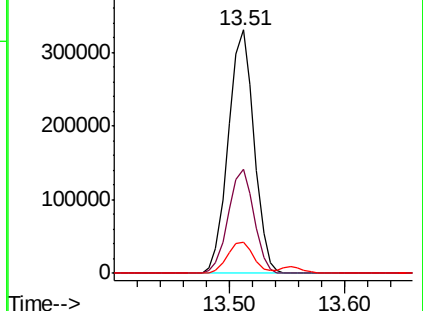
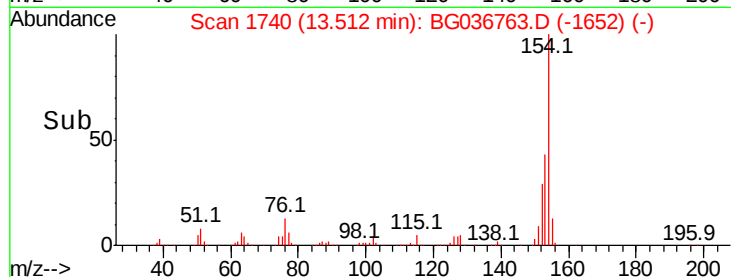
76 13.0 0.0 32.9



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): BGC



#46

2-Chloronaphthalene

Concen: 38.020 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

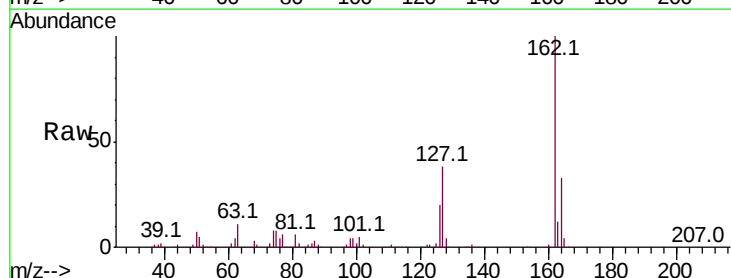
Tgt Ion:162 Resp: 389847

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

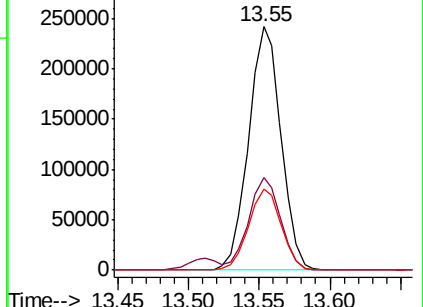
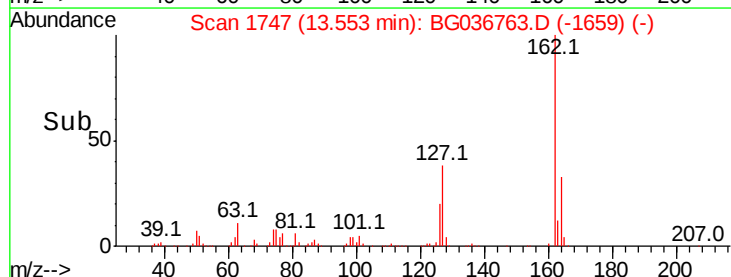
164 33.3 26.7 40.1

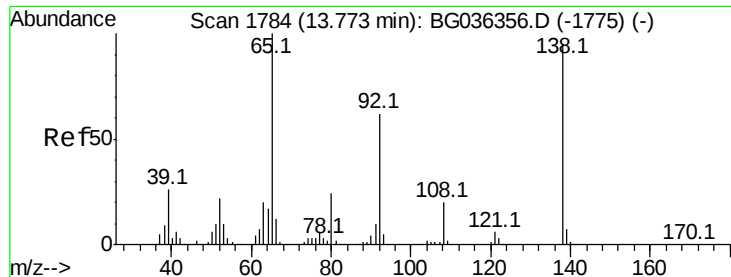


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

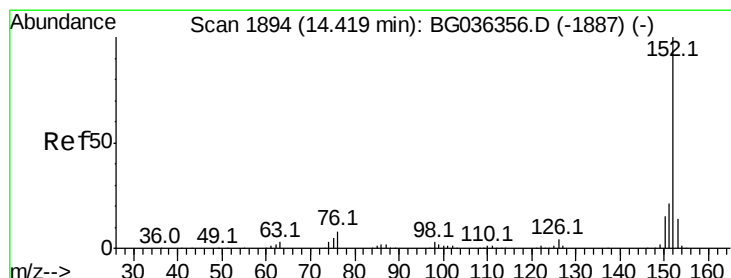
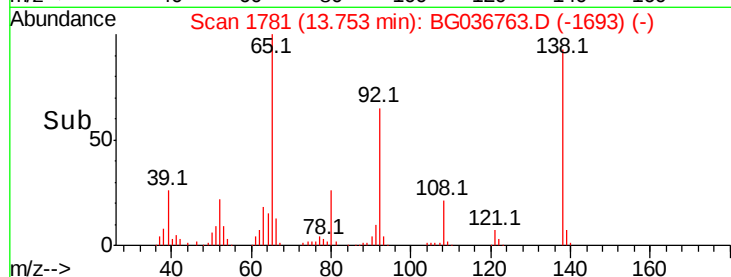
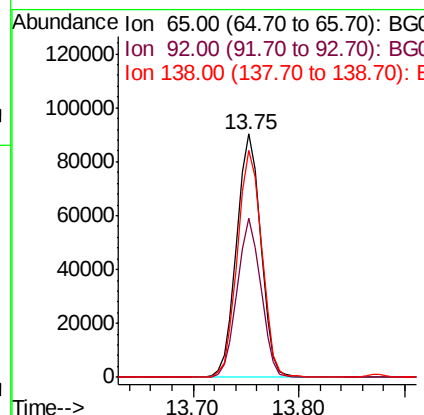
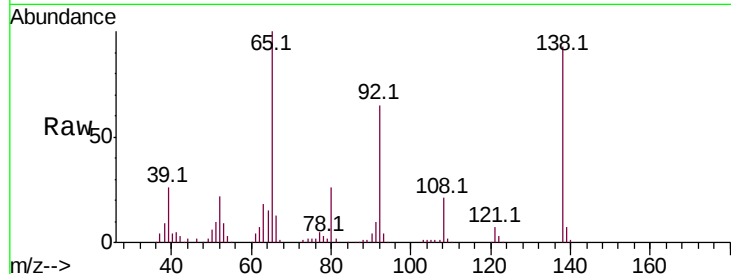




#47
2-Nitroaniline
Concen: 44.275 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

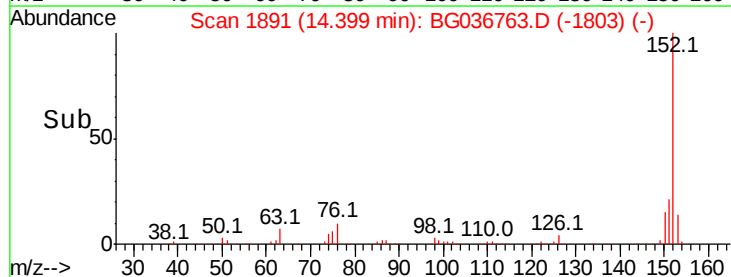
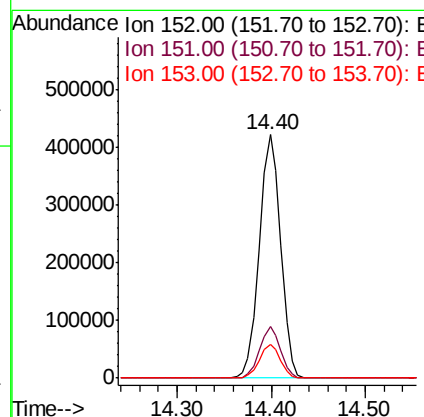
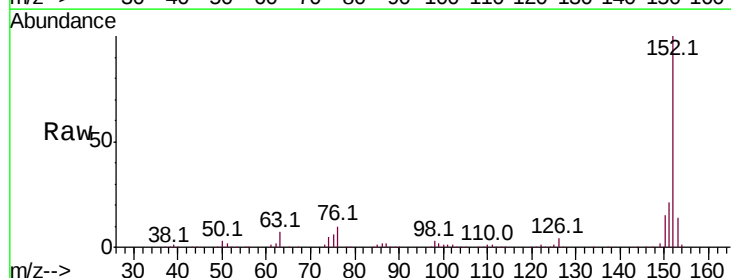
Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion: 65 Resp: 142560
Ion Ratio Lower Upper
65 100
92 65.3 49.9 74.9
138 93.1 76.2 114.4



#48
Acenaphthylene
Concen: 41.212 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 152 Resp: 660428
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 13.9 11.2 16.8





#49

Dimethylphthalate

Concen: 39.627 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

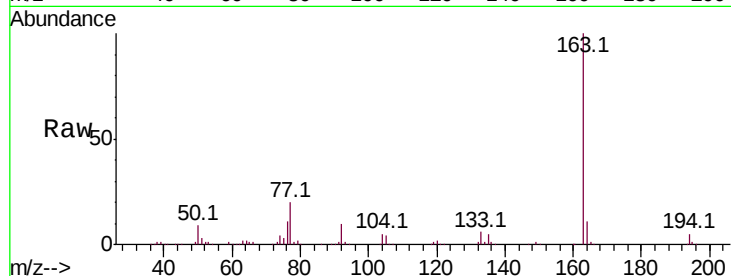
Tot Ion:163 Resp: 523580

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

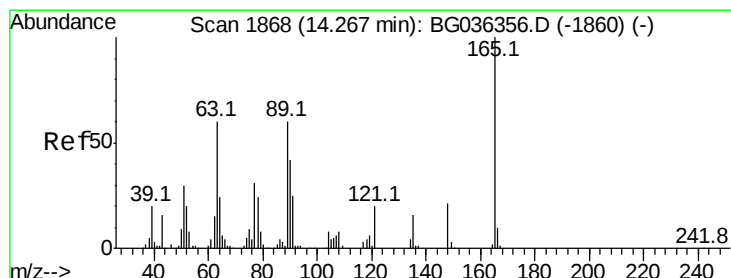
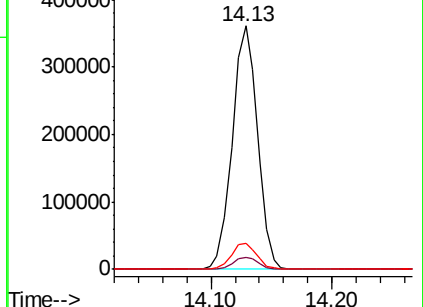
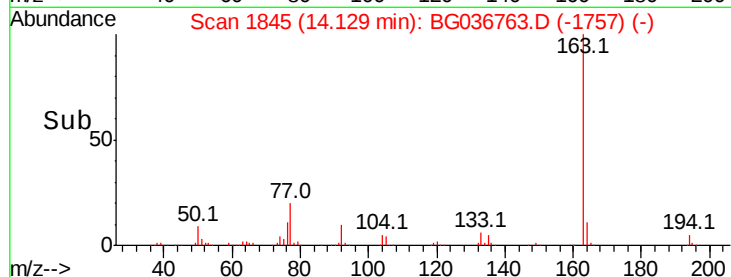
164 10.6 8.1 12.1



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: 42.541 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

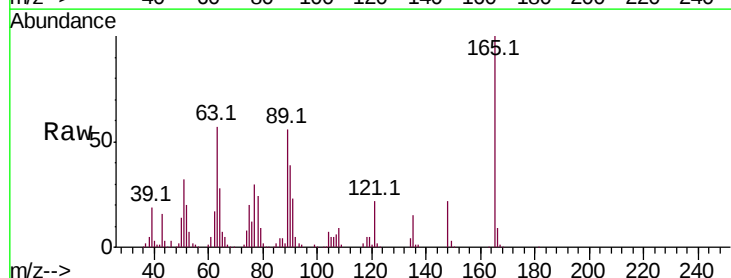
Tgt Ion:165 Resp: 115660

Ion Ratio Lower Upper

165 100

63 57.1 50.1 75.1

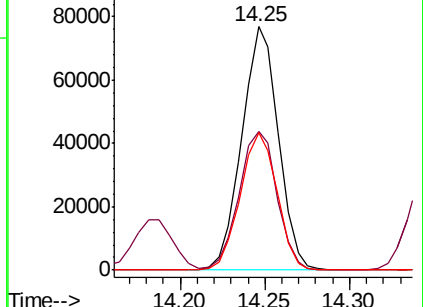
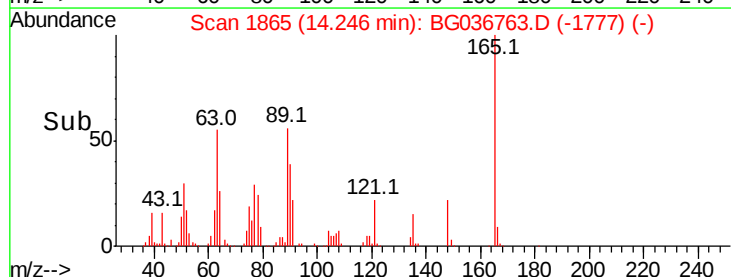
89 56.4 47.8 71.6

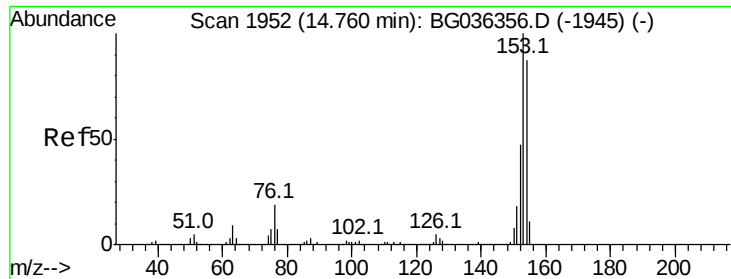


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.794 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

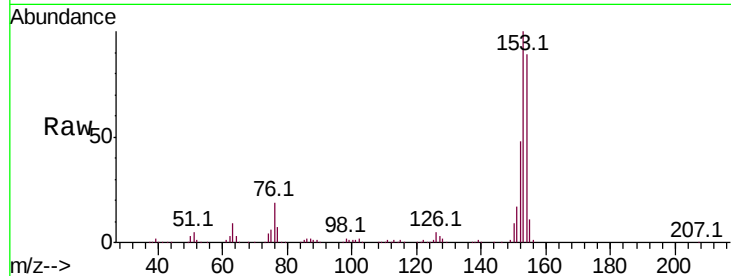
Tot Ion:154 Resp: 387891

Ion Ratio Lower Upper

154 100

153 112.7 91.8 137.6

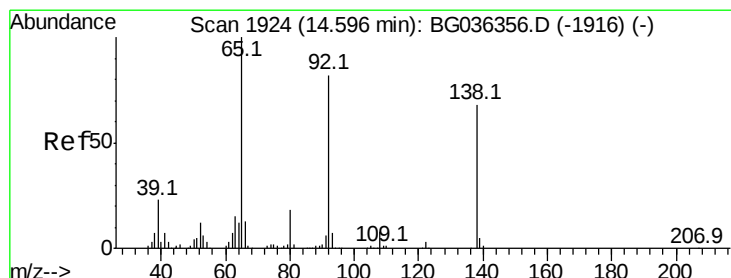
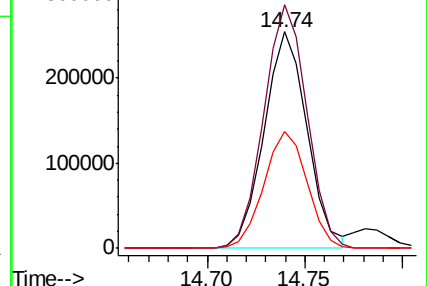
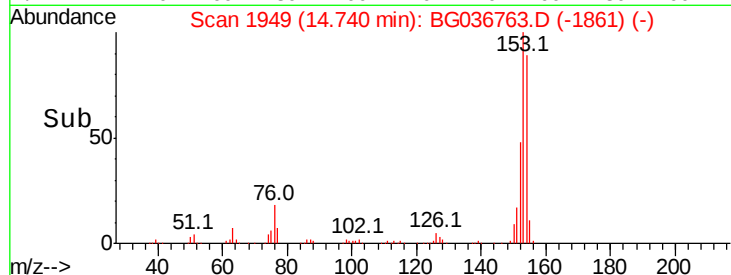
152 54.4 43.5 65.3



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: 37.297 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

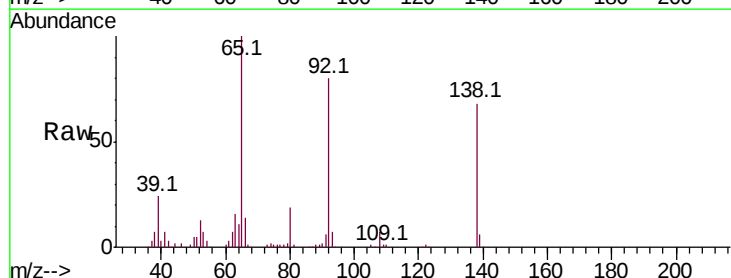
Tgt Ion:138 Resp: 109274

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.2

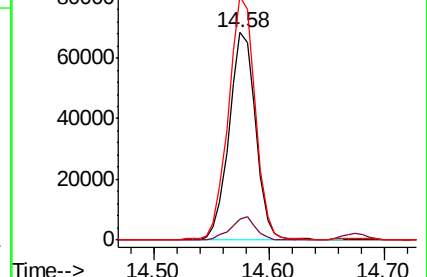
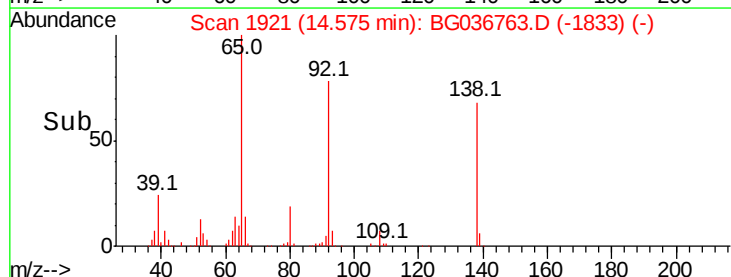
92 117.3 96.8 145.2

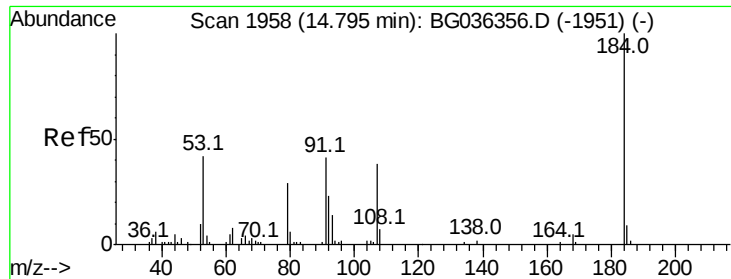


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

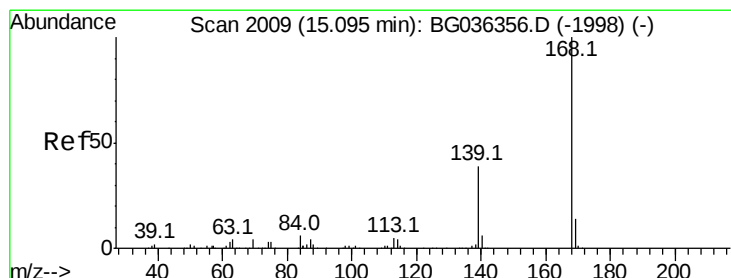
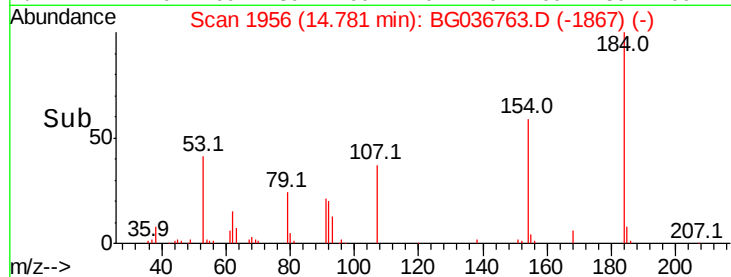
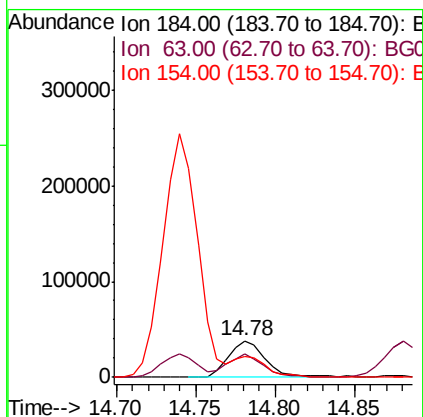
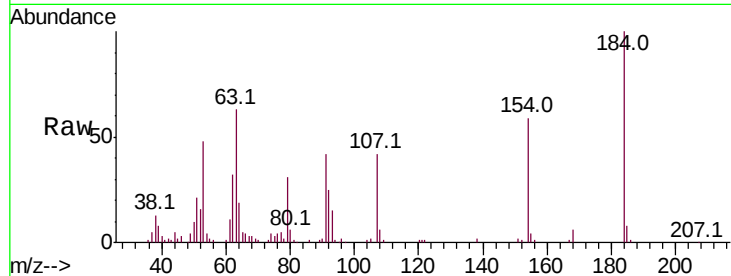




#53
 2,4-Dinitrophenol
 Concen: 60.010 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

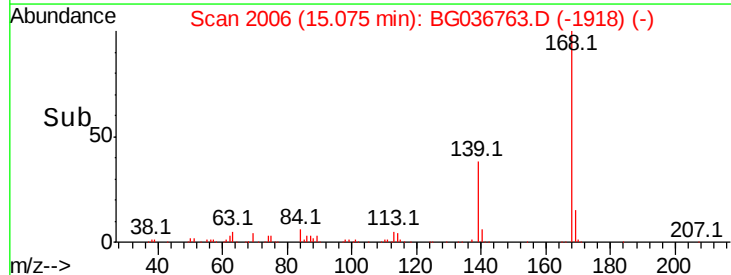
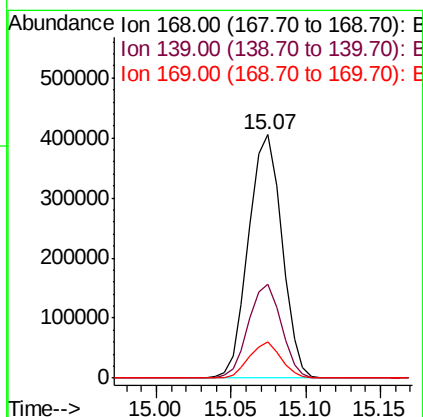
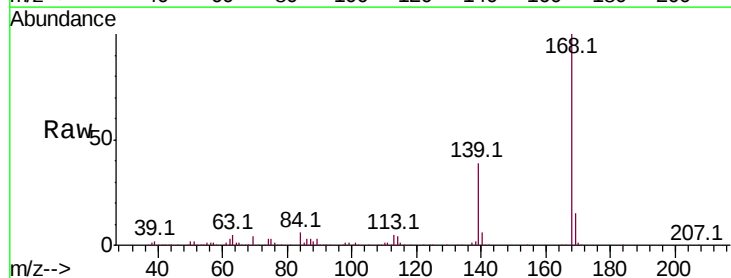
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

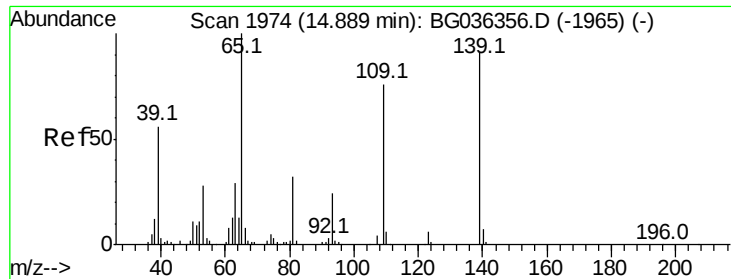
Tot Ion:184 Resp: 61800
 Ion Ratio Lower Upper
 184 100
 63 63.1 47.3 70.9
 154 58.8 51.1 76.7



#54
 Dibenzofuran
 Concen: 39.110 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:168 Resp: 628842
 Ion Ratio Lower Upper
 168 100
 139 38.6 31.0 46.6
 169 14.7 11.1 16.7

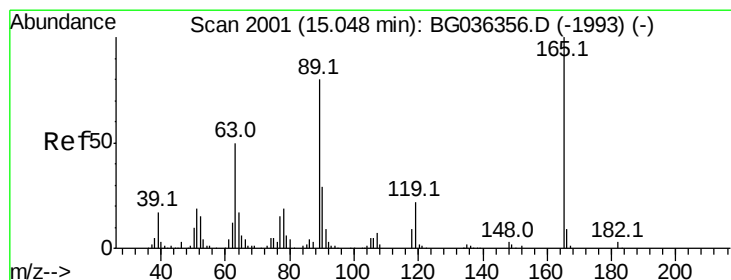
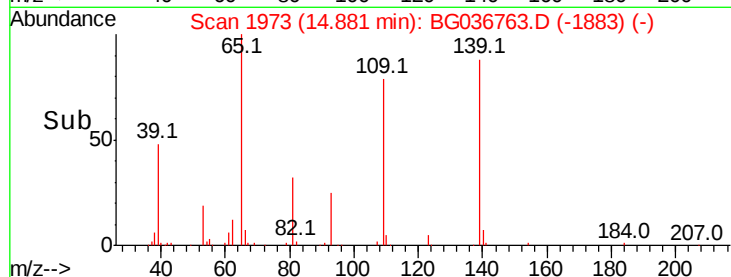
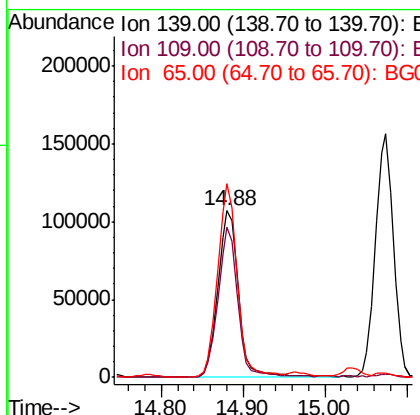
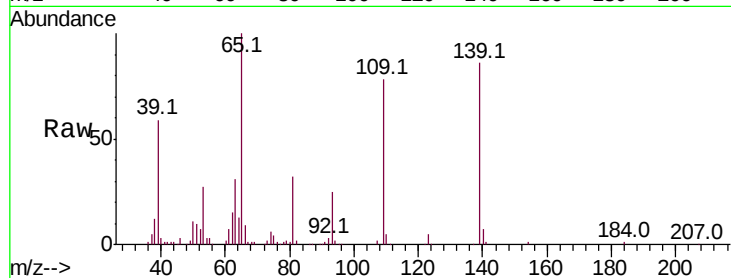




#55
4-Nitrophenol
Concen: 78.930 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

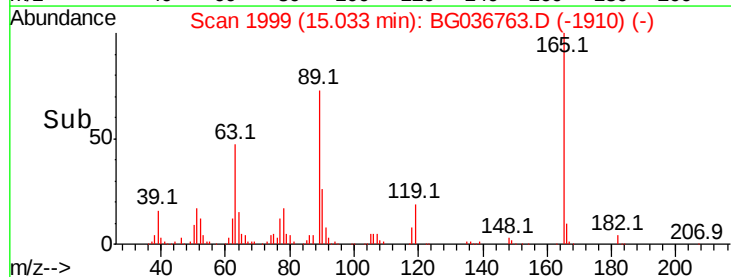
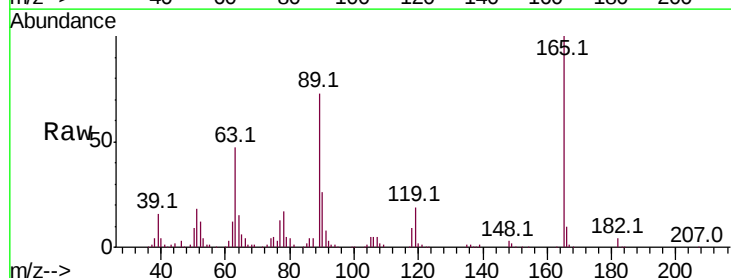
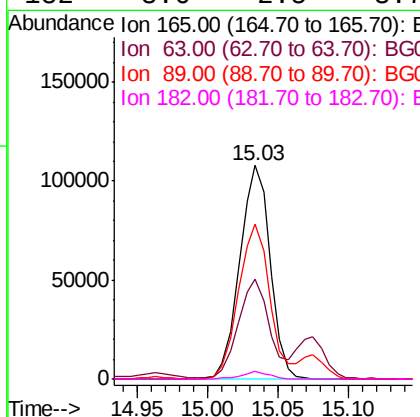
Instrument :
BNA_G
ClientSampleId :
PB112891BS

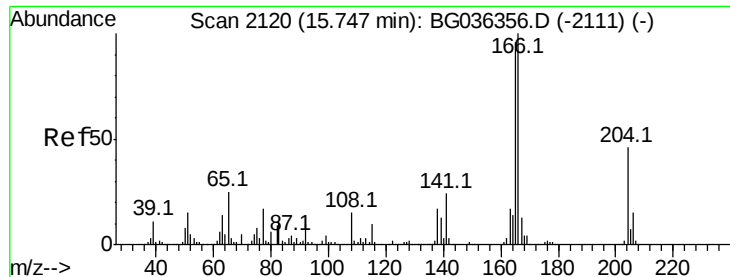
Tot Ion	Ratio	Lower	Upper
139	100		
109	90.1	63.9	103.9
65	116.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 45.922 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	40.1	60.1
89	72.7	63.7	95.5
182	3.6	2.5	3.7





#57

Fluorene

Concen: 42.017 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

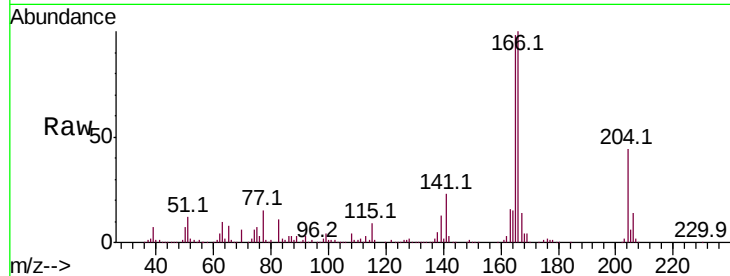
Tot Ion:166 Resp: 505041

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.4

167 13.6 10.6 16.0

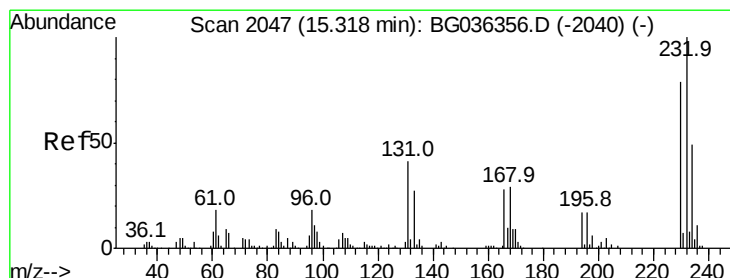
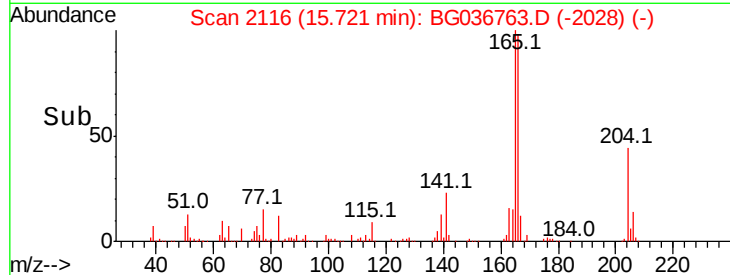
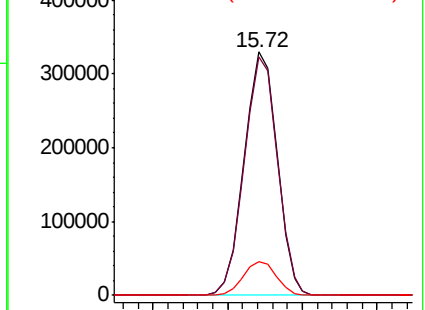


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.581 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Tgt Ion:232 Resp: 166324

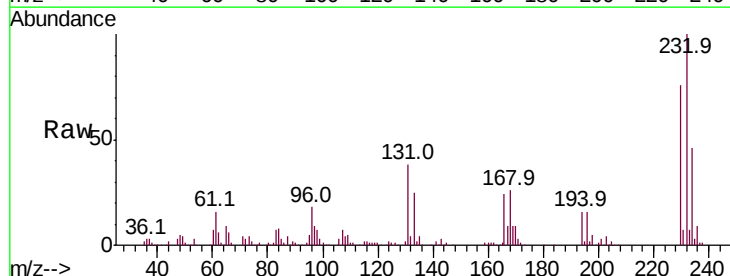
Ion Ratio Lower Upper

232 100

131 37.2 33.8 50.8

130 2.6 2.1 3.1

166 26.4 22.3 33.5



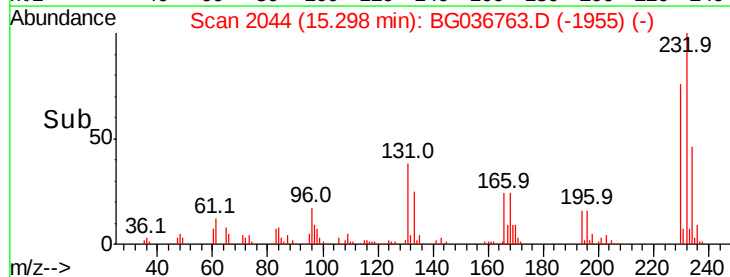
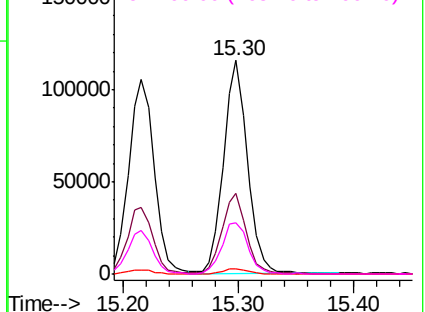
Abundance

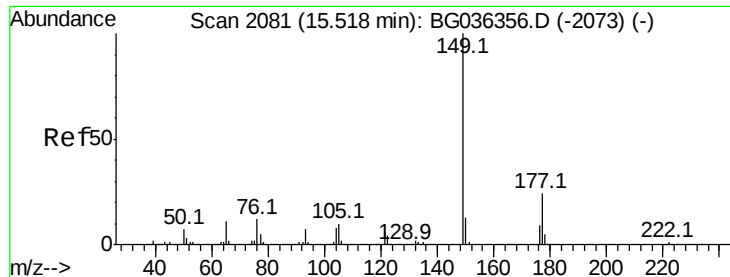
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

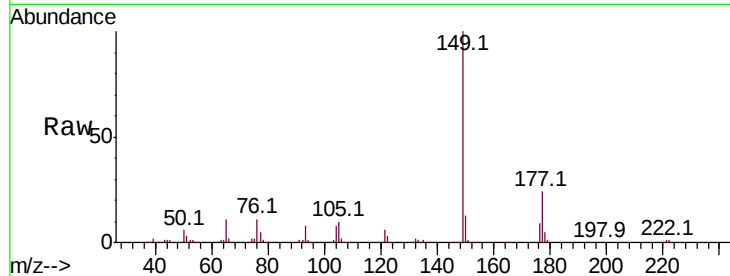




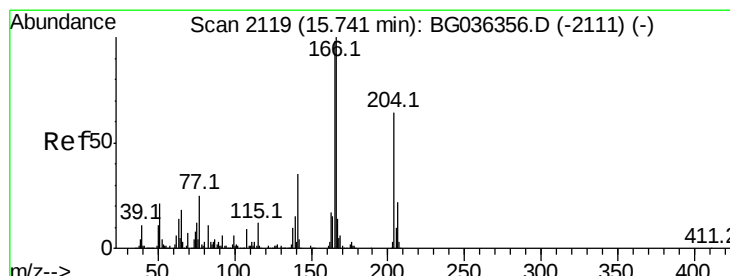
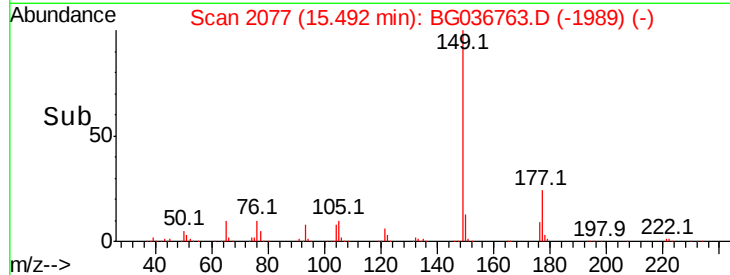
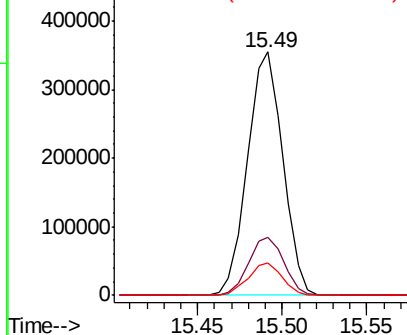
#59
Diethylphthalate
Concen: 38.802 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:149 Resp: 516675
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 13.3 10.7 16.1

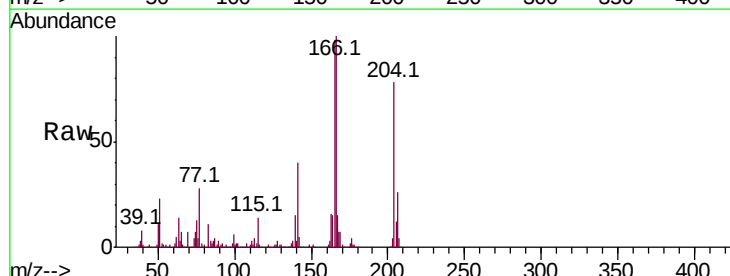


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

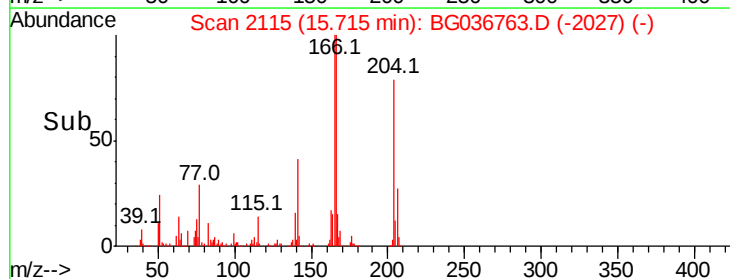
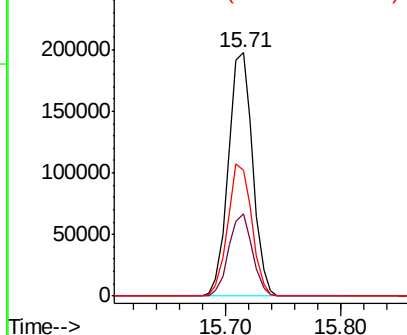


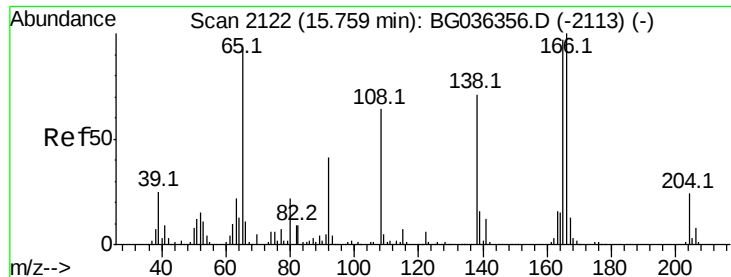
#60
4-Chlorophenyl-phenylether
Concen: 38.623 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:204 Resp: 286670
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 51.9 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

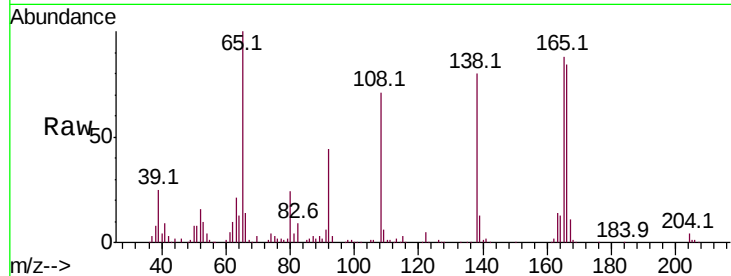




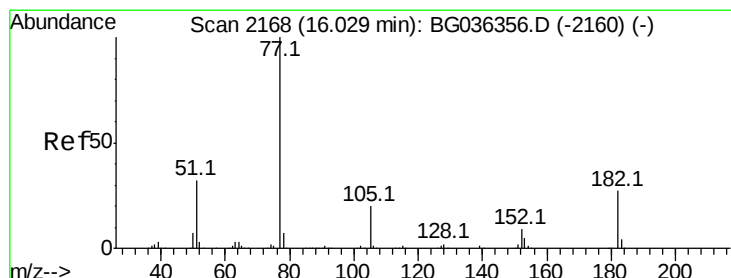
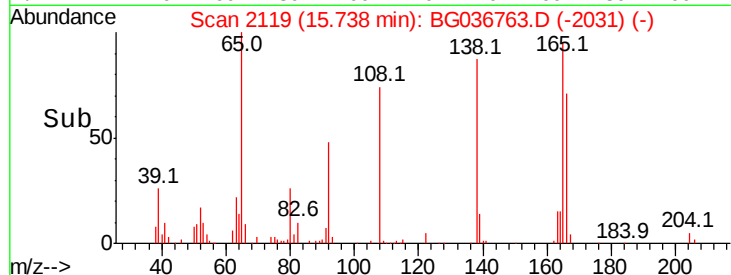
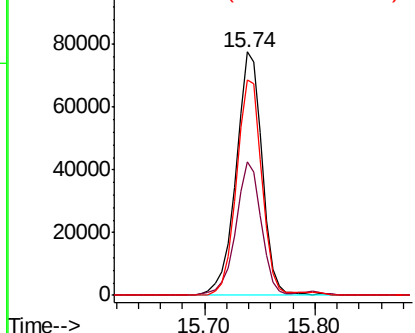
#61
4-Nitroaniline
Concen: 42.050 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion:138 Resp: 128922
Ion Ratio Lower Upper
138 100
92 54.7 38.5 78.5
108 88.5 70.3 110.3

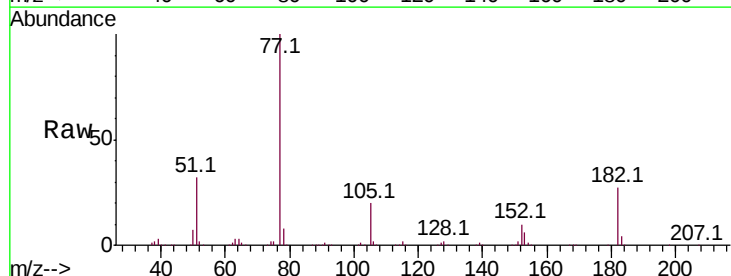


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

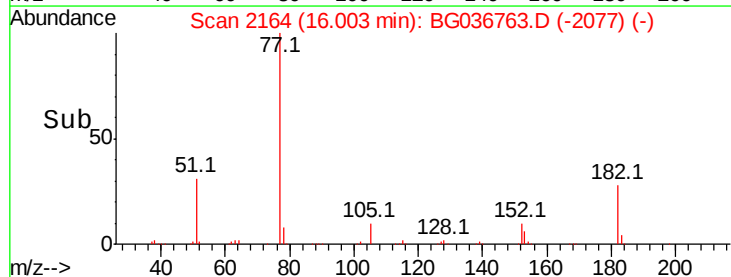
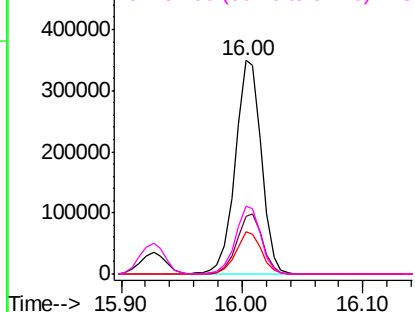


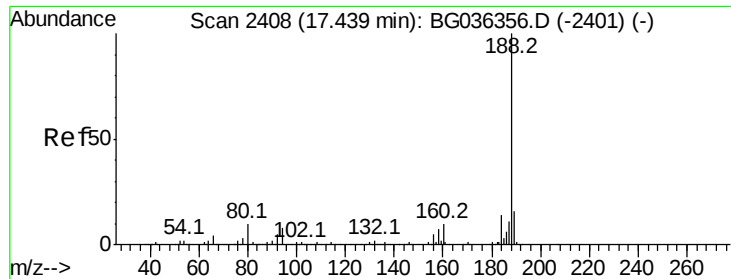
#62
Azobenzene
Concen: 38.611 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion: 77 Resp: 523113
Ion Ratio Lower Upper
77 100
182 26.7 6.7 46.7
105 19.9 0.0 39.8
51 31.8 12.4 52.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

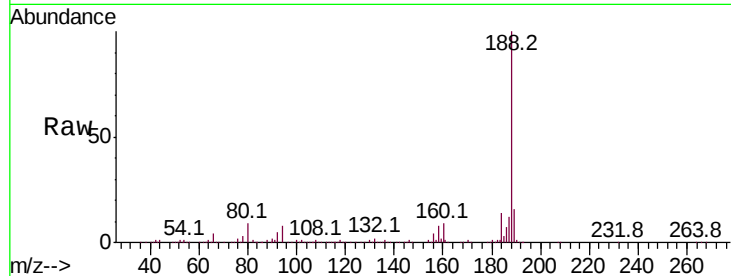
Tot Ion:188 Resp: 403824

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

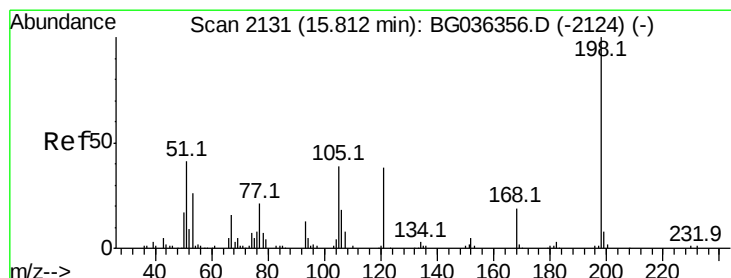
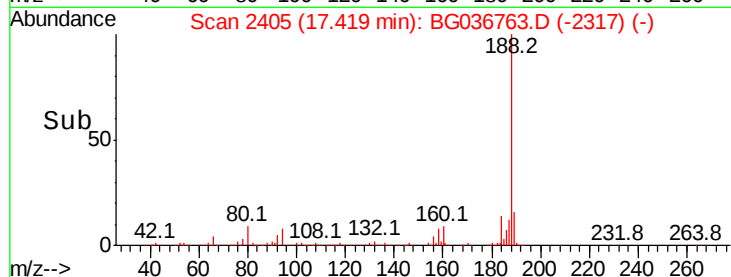
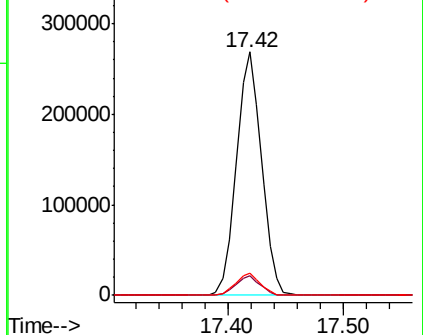
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 41.514 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

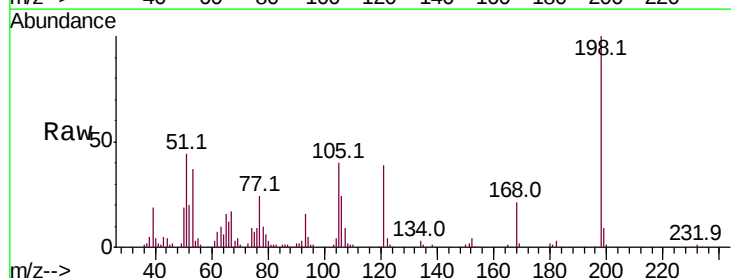
Tgt Ion:198 Resp: 73642

Ion Ratio Lower Upper

198 100

51 43.6 26.5 66.5

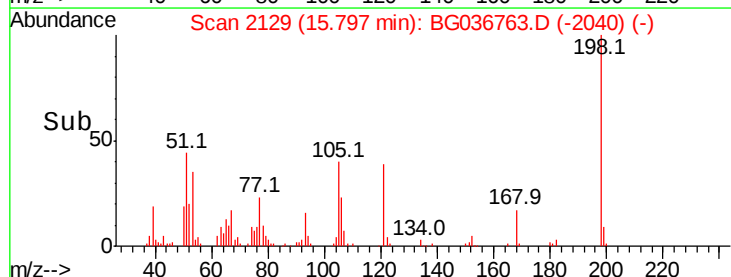
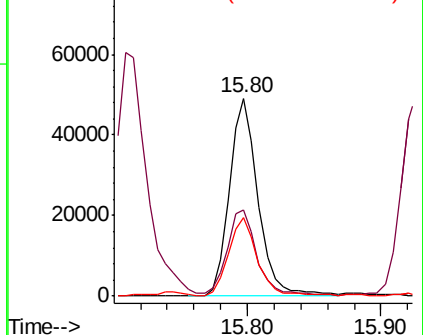
105 39.8 20.2 60.2

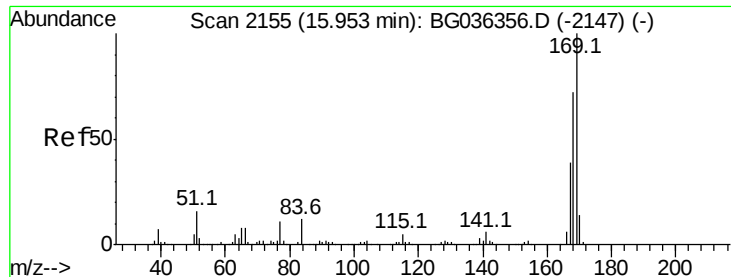


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.285 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

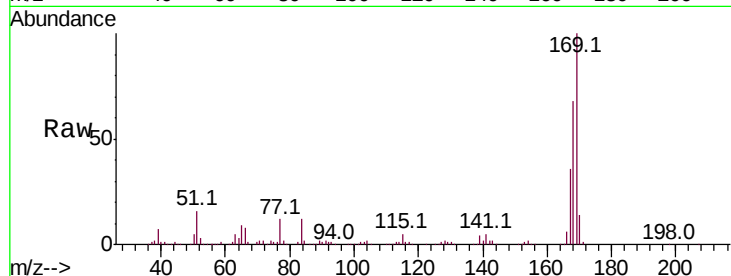
Tot Ion:169 Resp: 459383

Ion Ratio Lower Upper

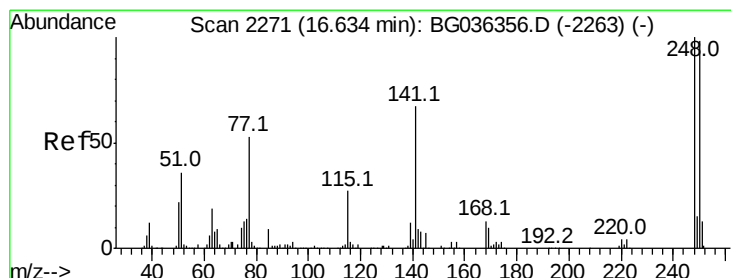
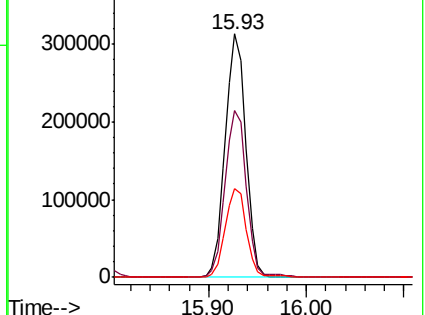
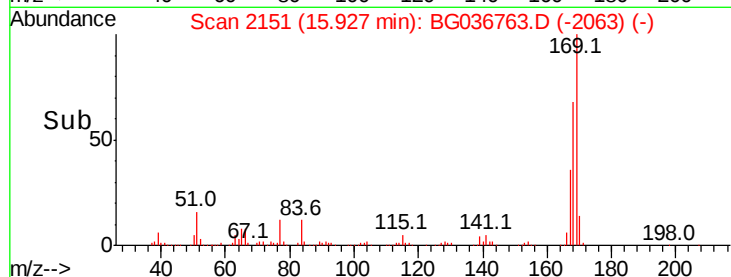
169 100

168 68.3 57.6 86.4

167 36.4 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 40.045 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

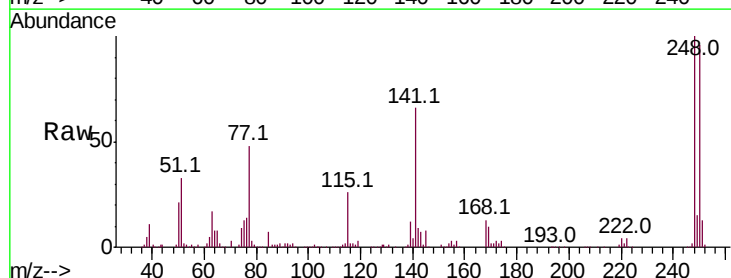
Tgt Ion:248 Resp: 189330

Ion Ratio Lower Upper

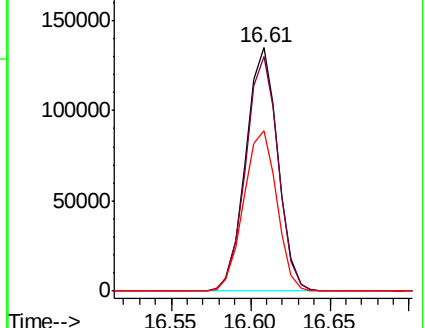
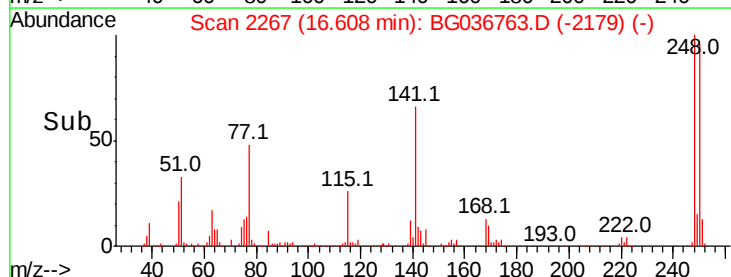
248 100

250 96.3 78.1 117.1

141 65.7 53.7 80.5



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

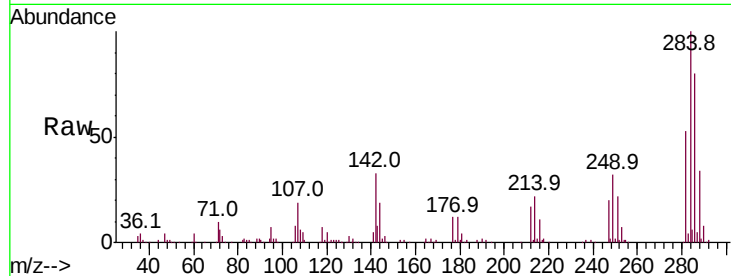




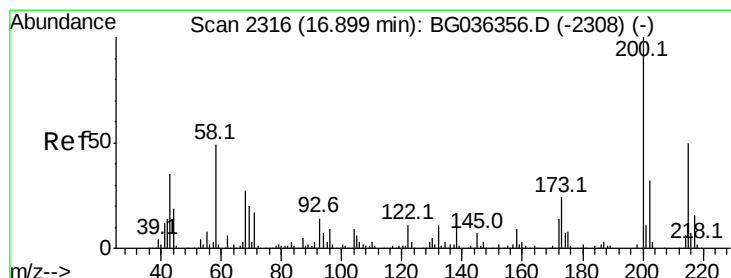
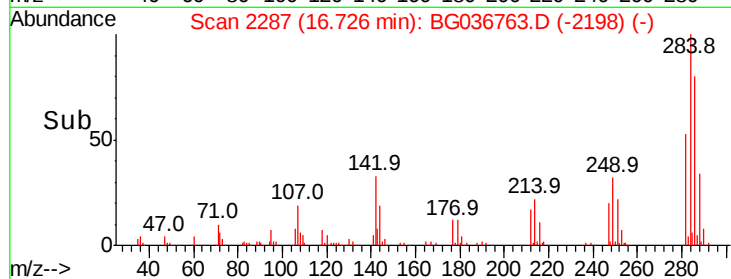
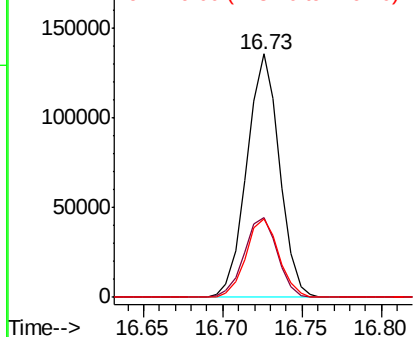
#67
Hexachlorobenzene
Concen: 40.160 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
PB112891BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.8	41.6
249	32.4	27.4	41.2

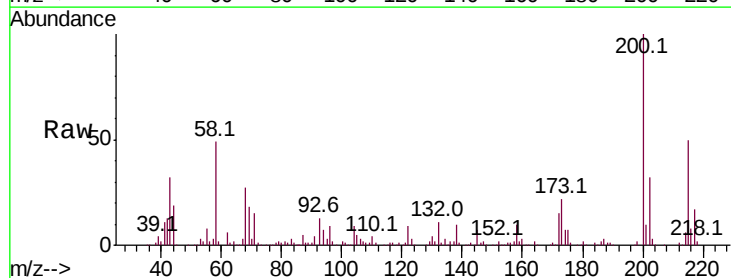


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

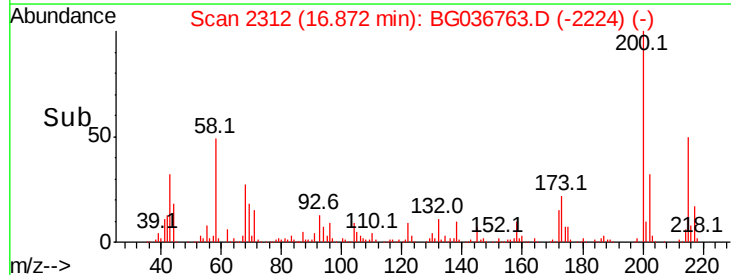
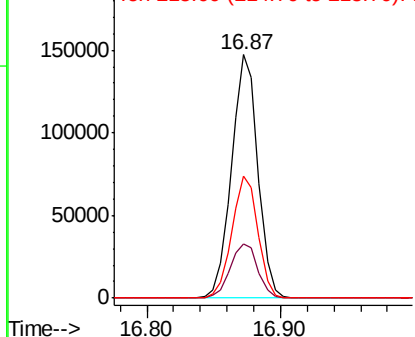


#68
Atrazine
Concen: 44.815 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	3.9	43.9
215	50.1	30.4	70.4



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

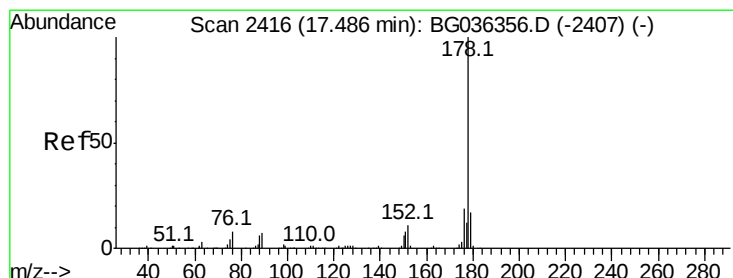
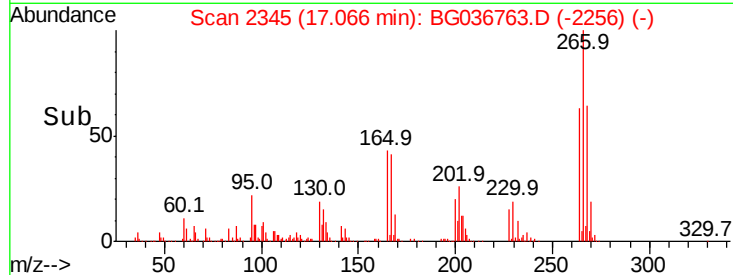
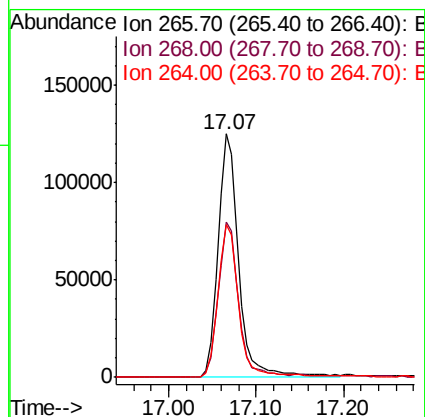
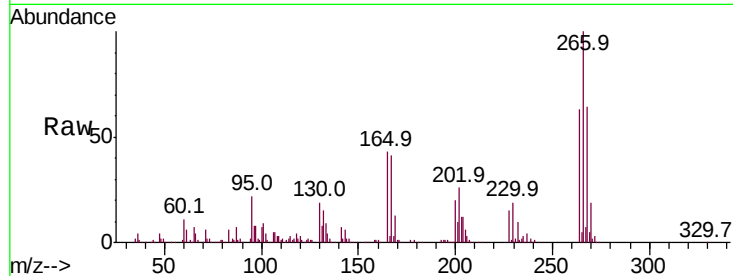




#69
 Pentachlorophenol
 Concen: 62.604 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

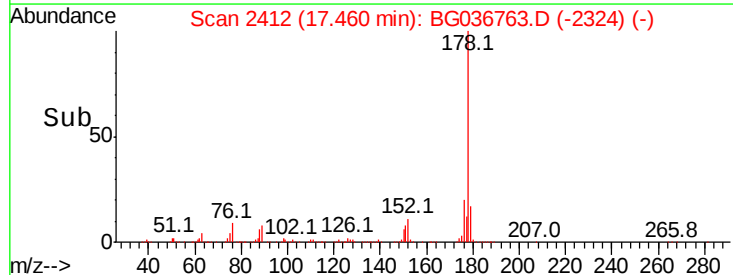
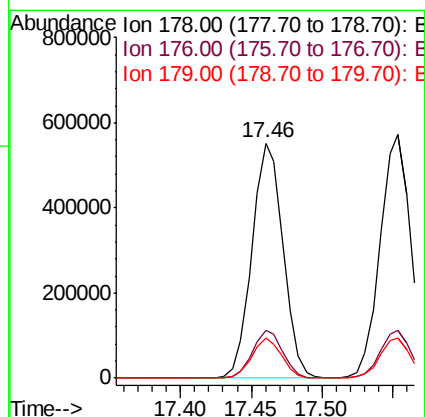
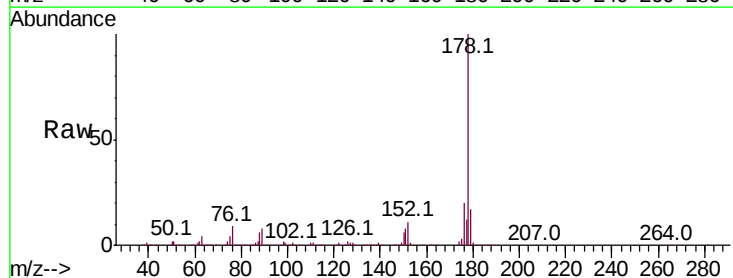
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

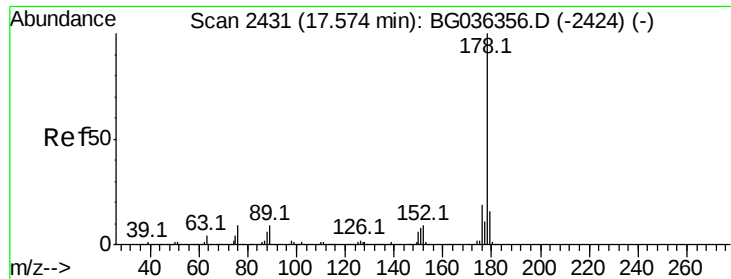
Tot Ion:	266	Resp:	205699
Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.2
264	62.9	48.9	73.3



#70
 Phenanthrene
 Concen: 41.648 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:	178	Resp:	854602
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.8	13.4	20.2

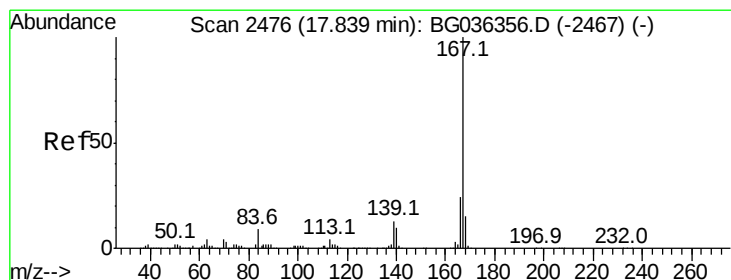
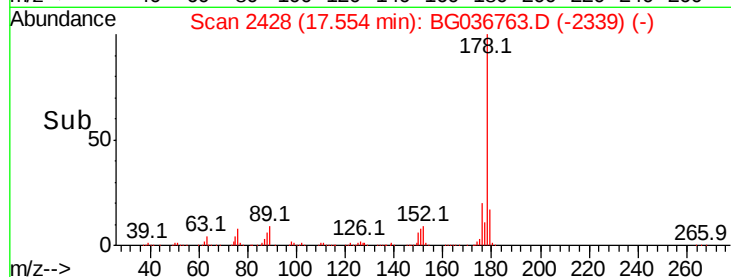
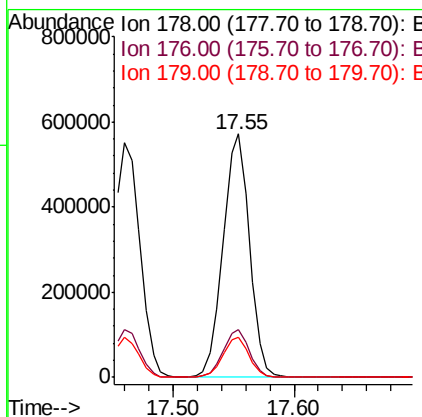
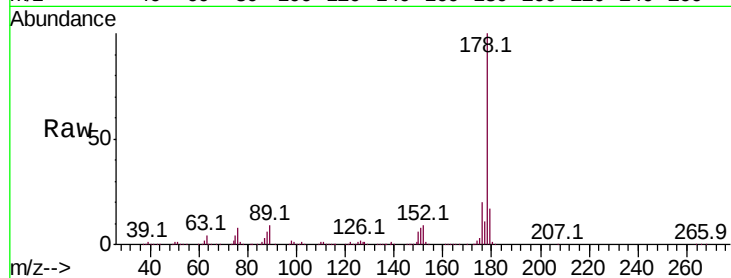




#71
 Anthracene
 Concen: 42.178 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

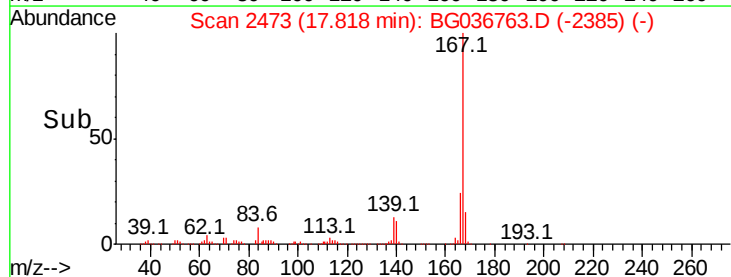
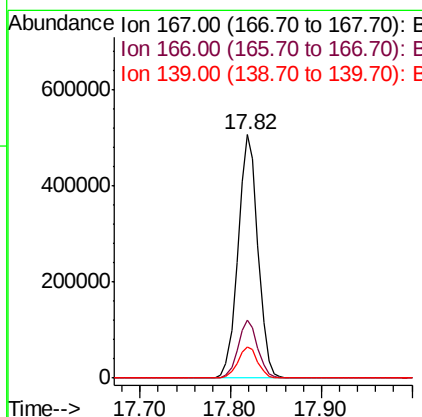
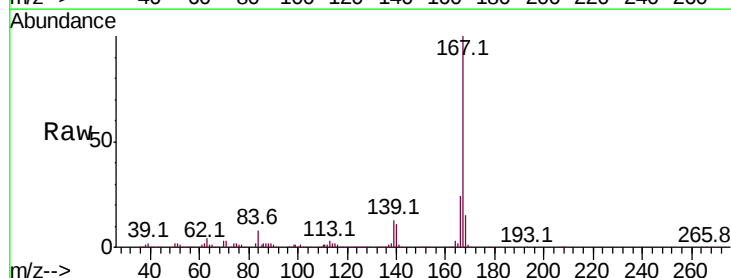
Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:178 Resp: 862730
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.7 13.0 19.4



#72
 Carbazole
 Concen: 37.893 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:167 Resp: 774057
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.5 29.3
 139 12.9 10.7 16.1

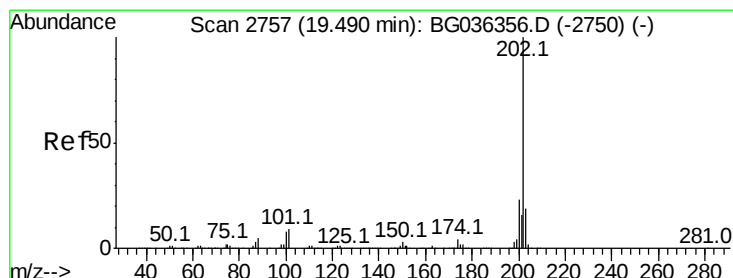
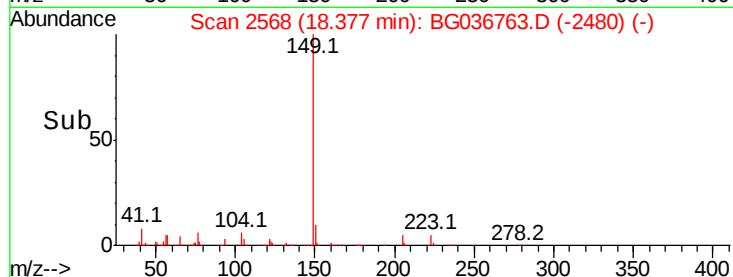
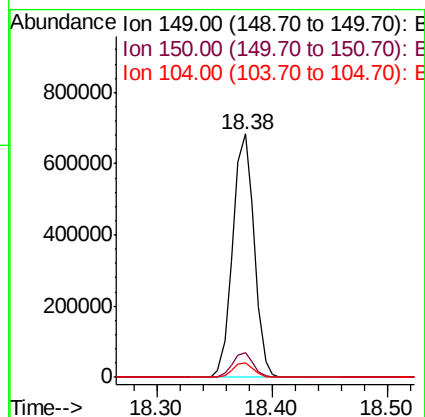
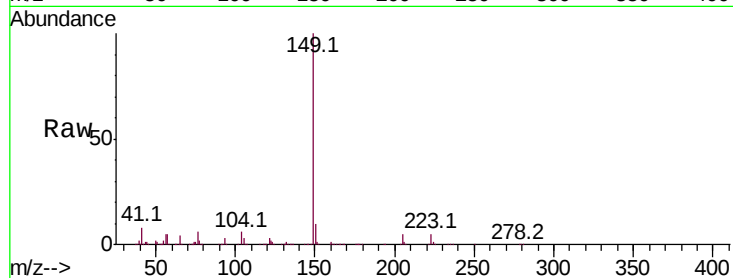




#73
Di-n-butylphthalate
Concen: 38.599 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

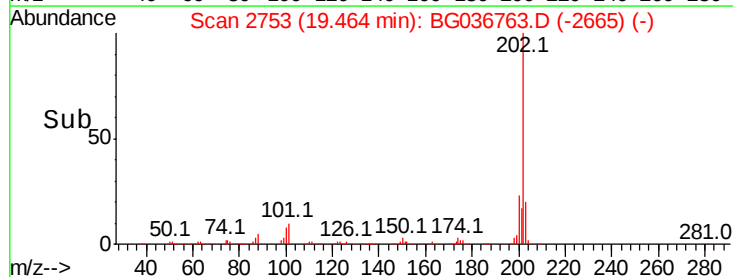
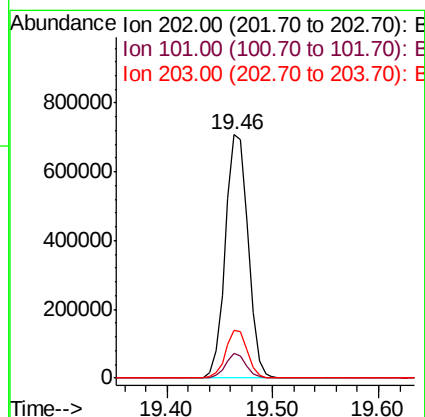
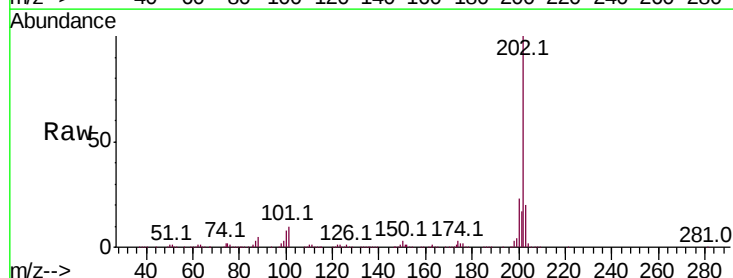
Instrument :
BNA_G
ClientSampleId :
PB112891BS

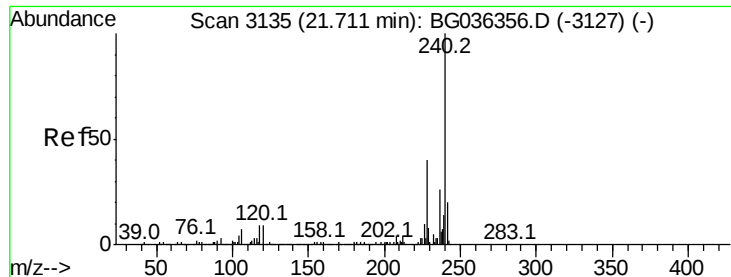
Tot Ion:149 Resp: 878022
Ion Ratio Lower Upper
149 100
150 10.3 8.1 12.1
104 6.0 4.6 6.8



#74
Fluoranthene
Concen: 42.028 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:202 Resp: 1051438
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 19.7 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

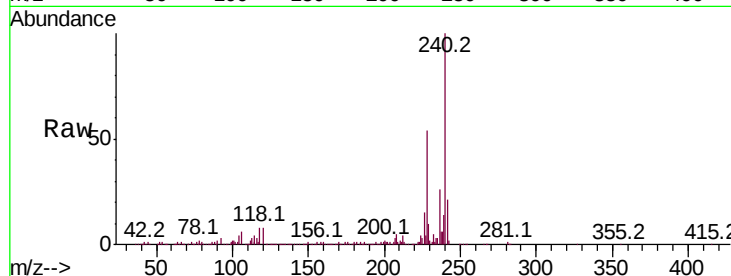
Tot Ion:240 Resp: 410148

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

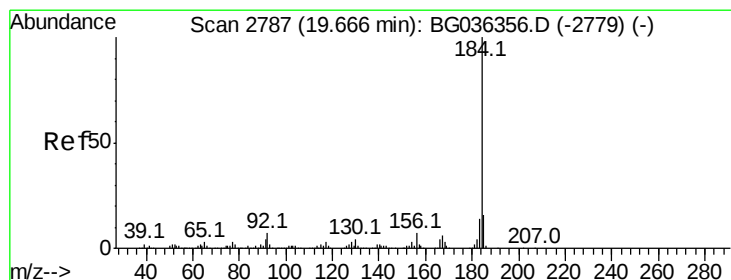
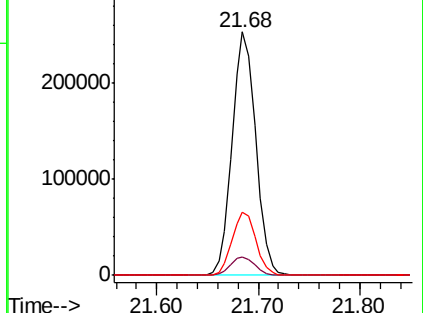
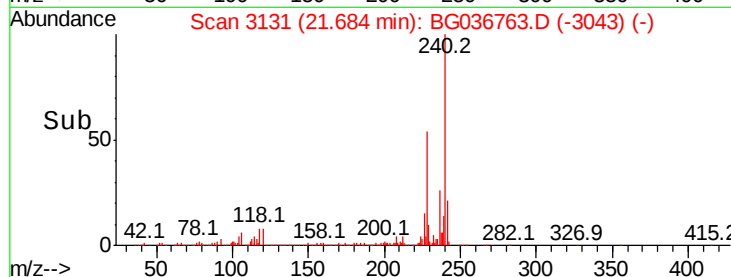
236 26.1 21.2 31.8



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: 47.010 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

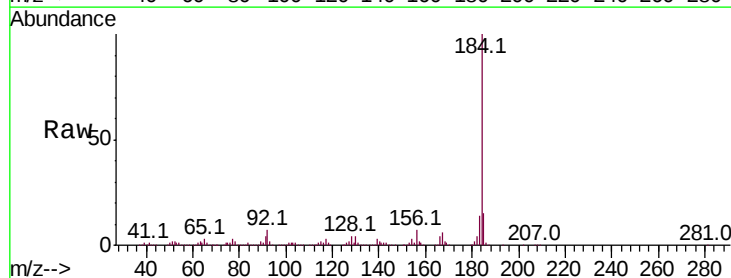
Tgt Ion:184 Resp: 615149

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

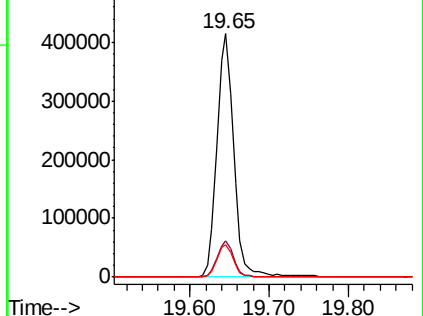
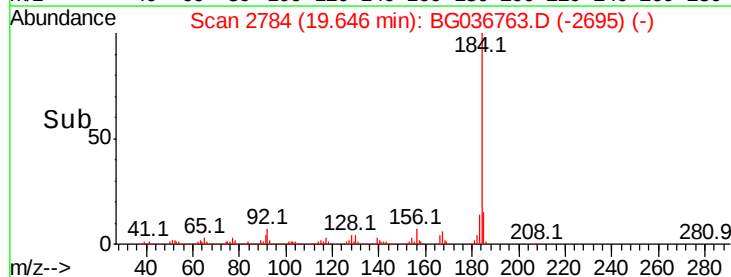
183 13.5 10.9 16.3

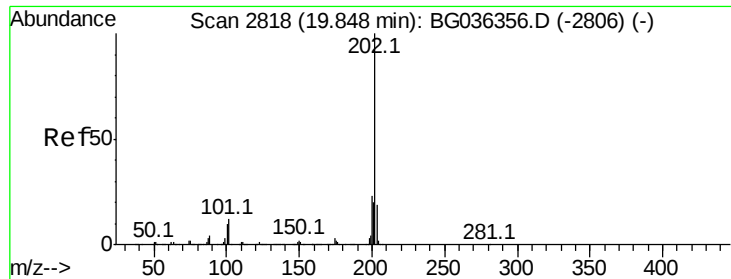


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

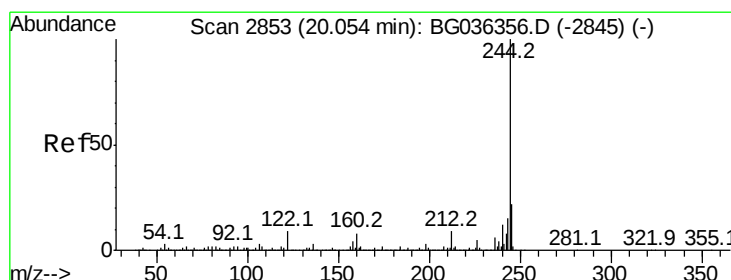
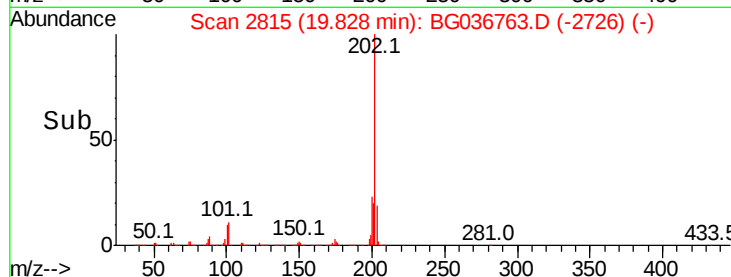
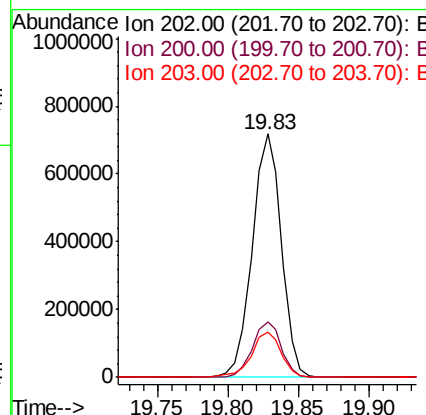
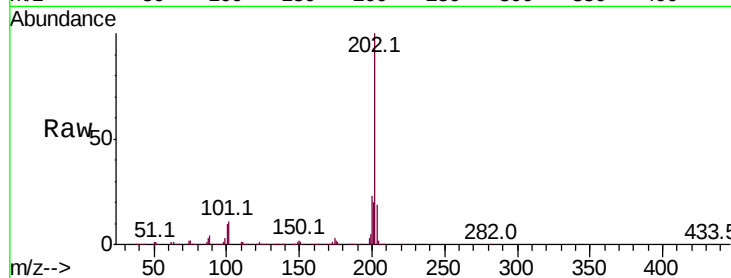




#77
Pvrene
Concen: 41.285 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

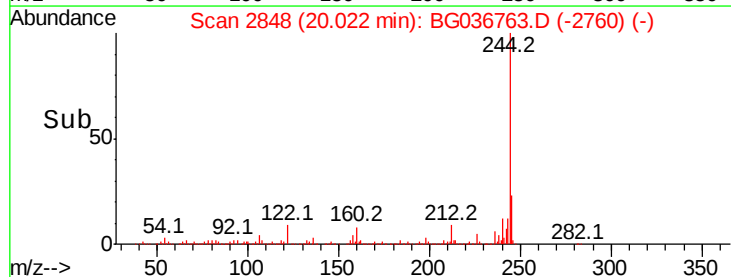
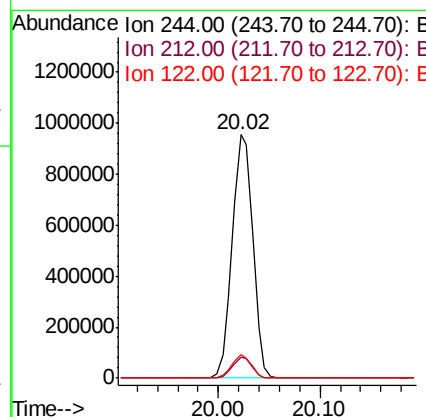
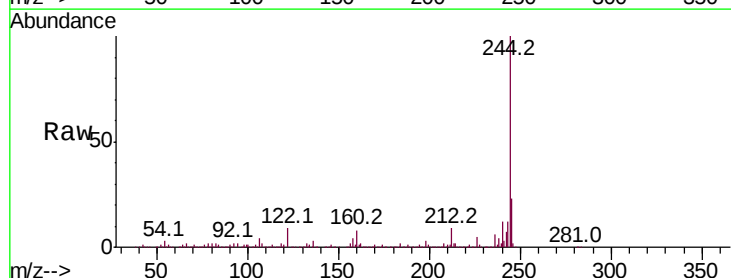
Instrument :
BNA_G
ClientSampleId :
PB112891BS

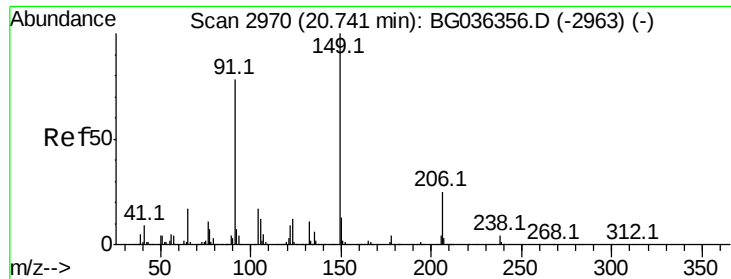
Tot Ion:202 Resp: 1041289
Ion Ratio Lower Upper
202 100
200 23.0 18.3 27.5
203 18.7 15.1 22.7



#78
Terphenyl-d14
Concen: 76.829 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:244 Resp: 1348158
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.4 7.1 10.7

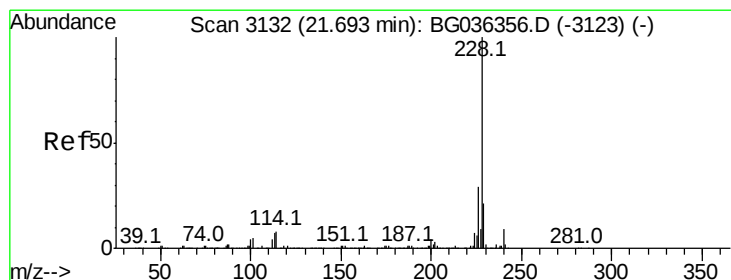
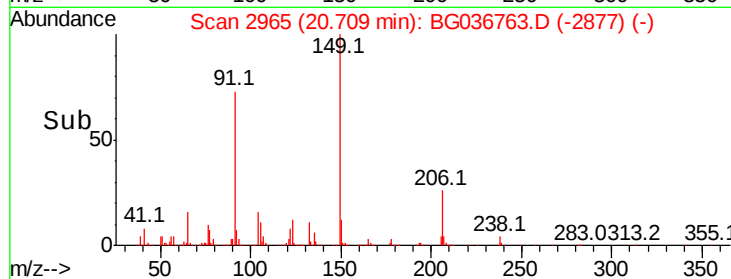
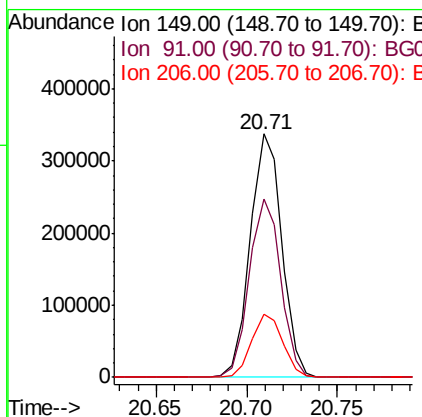
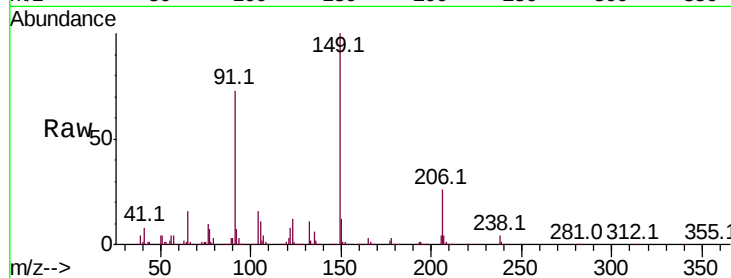




#79
Butylbenzylphthalate
Concen: 40.582 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

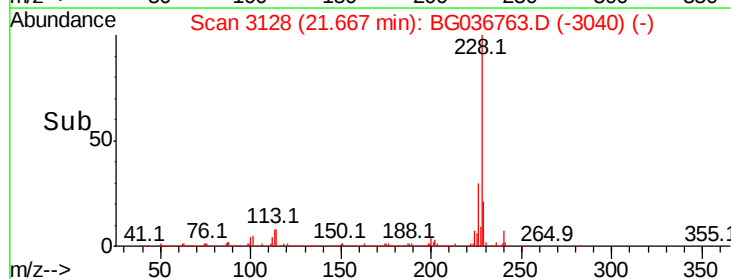
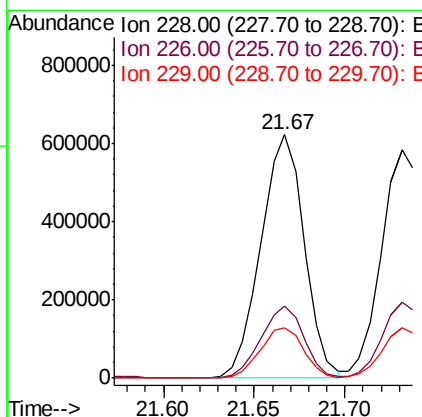
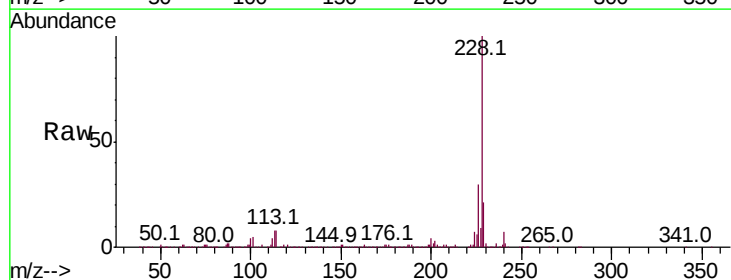
Instrument :
BNA_G
ClientSampleId :
PB112891BS

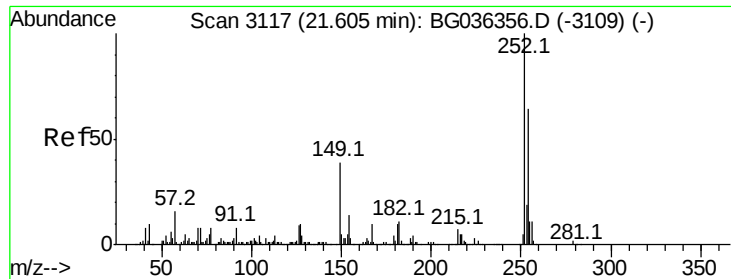
Tot Ion:149 Resp: 407343
Ion Ratio Lower Upper
149 100
91 73.5 62.0 93.0
206 26.1 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.752 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:228 Resp: 1037439
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 20.9 17.1 25.7

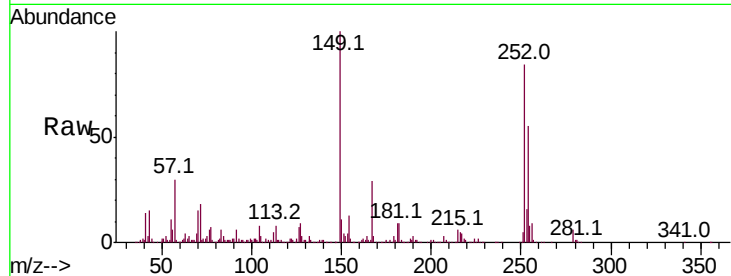




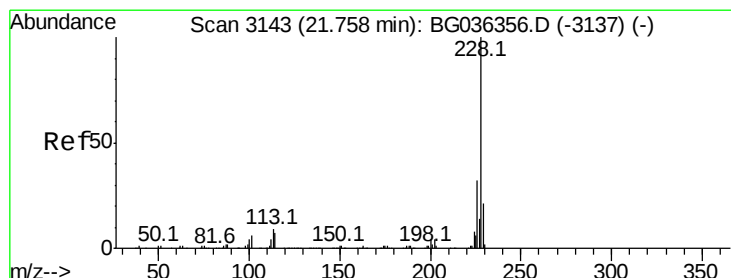
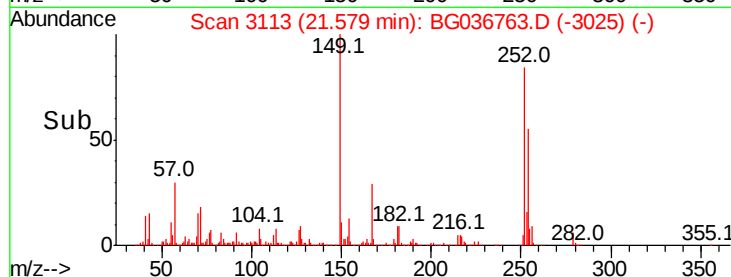
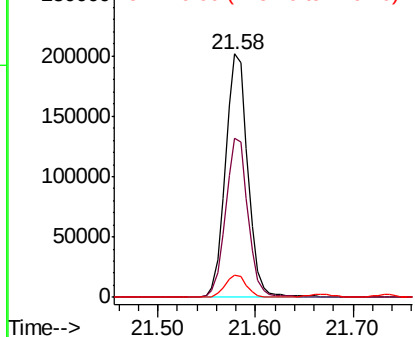
#81
 3,3'-Dichlorobenzidine
 Concen: 32.337 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion:252 Resp: 320225
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.0 76.4
 126 9.0 7.4 11.0

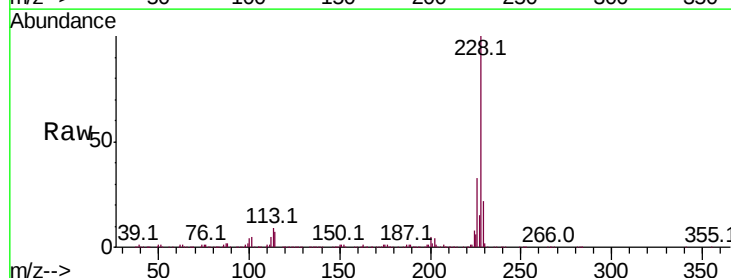


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

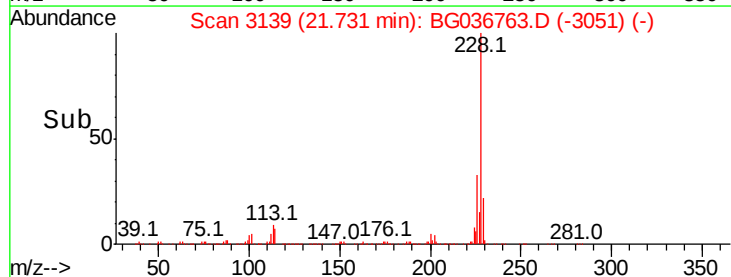
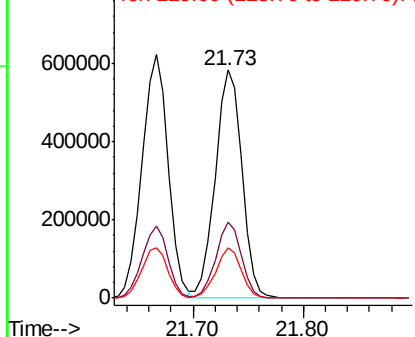


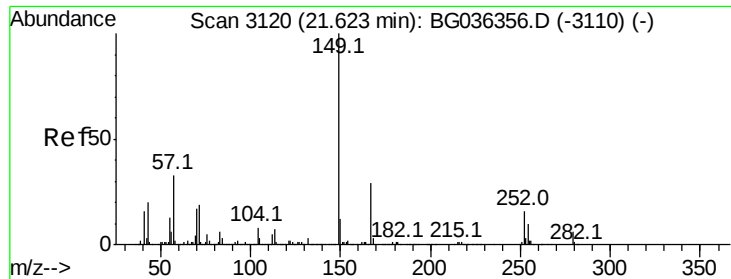
#82
 Chrysene
 Concen: 41.320 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:228 Resp: 973176
 Ion Ratio Lower Upper
 228 100
 226 33.4 25.5 38.3
 229 21.8 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

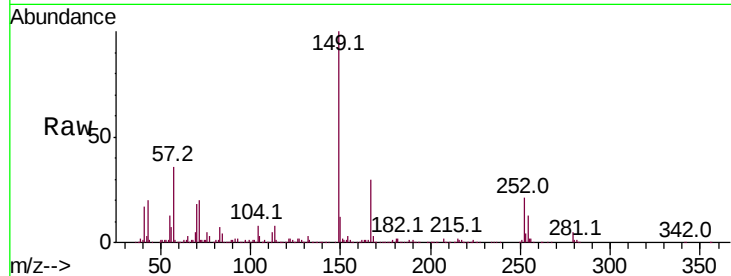




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.185 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB112891BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.4	35.0
279	5.1	4.6	7.0

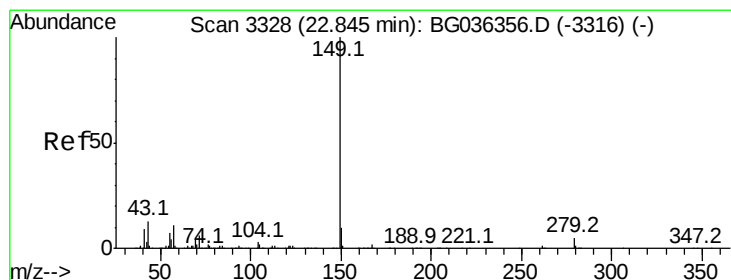
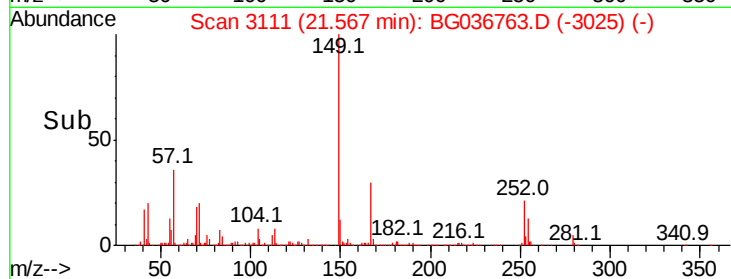
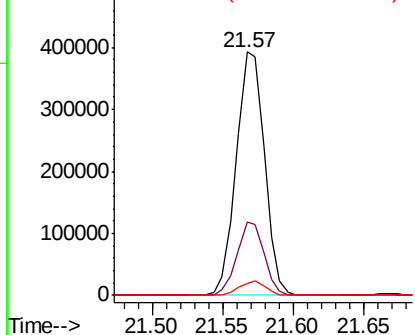


Abundance

Ion 149.00 (148.70 to 149.70): E

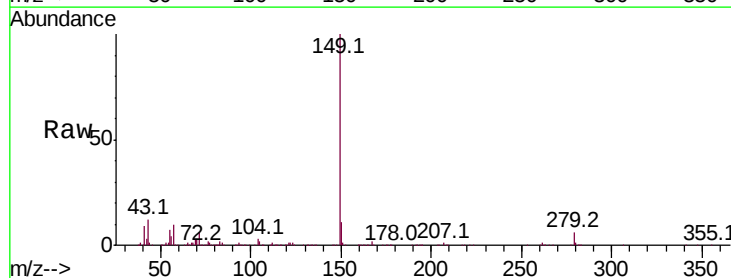
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.174 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	10.0	15.0

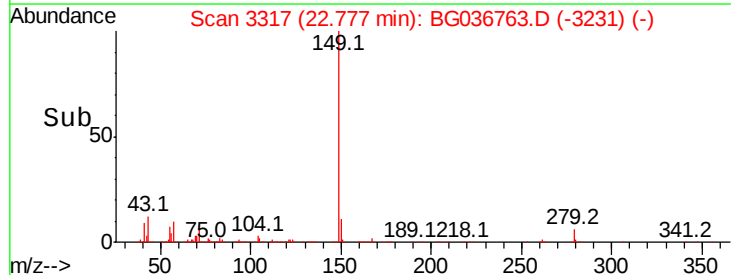
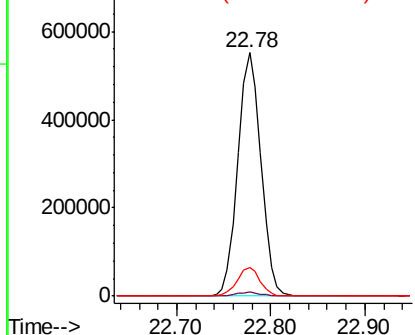


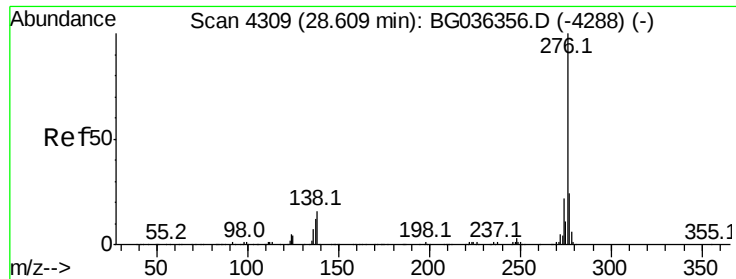
Abundance

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): BG

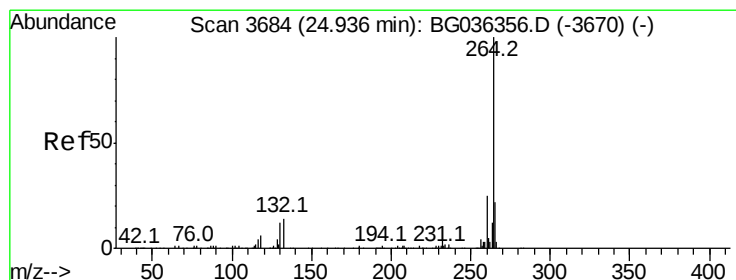
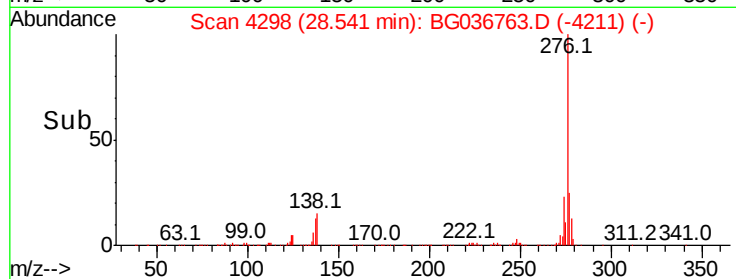
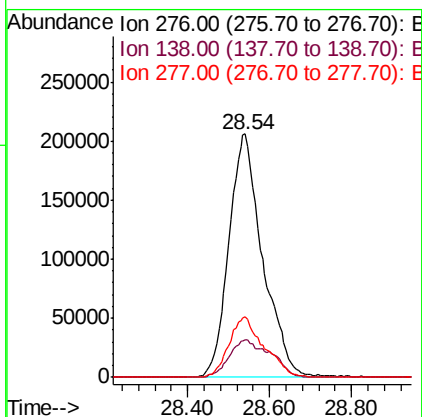
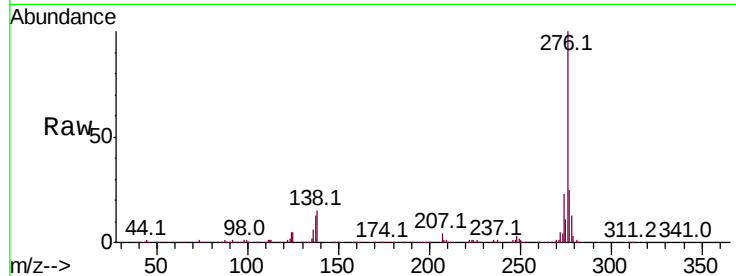




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.094 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.02 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

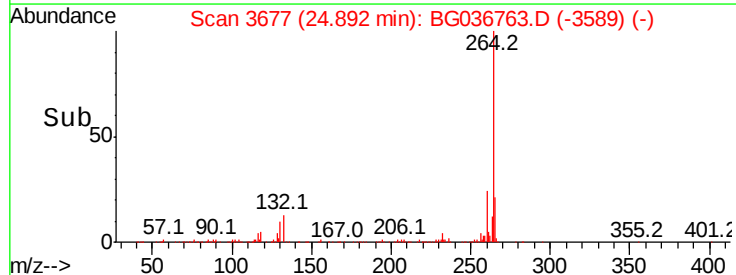
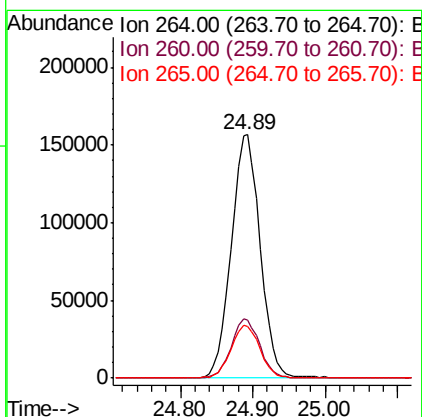
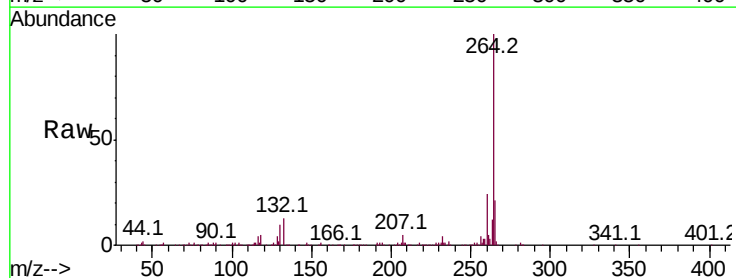
Instrument :
 BNA_G
 ClientSampleID :
 PB112891BS

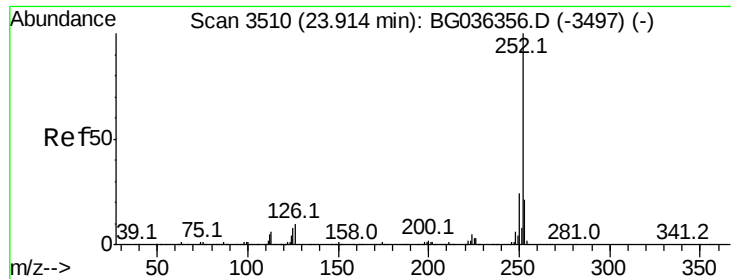
Tot Ion:276 Resp: 1178851
 Ion Ratio Lower Upper
 276 100
 138 19.0 10.6 15.8#
 277 25.8 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036763.D
 Acq: 17 Sep 2018 20:40

Tgt Ion:264 Resp: 432784
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 42.877 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

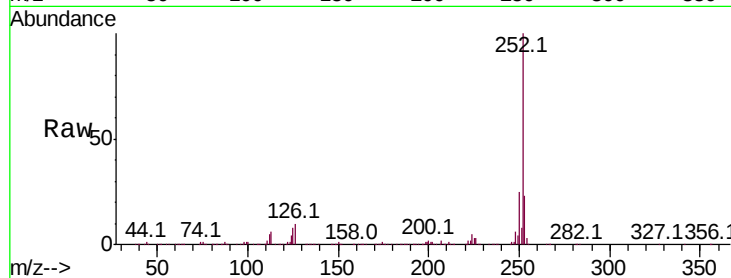
Tot Ion:252 Resp: 1030454

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

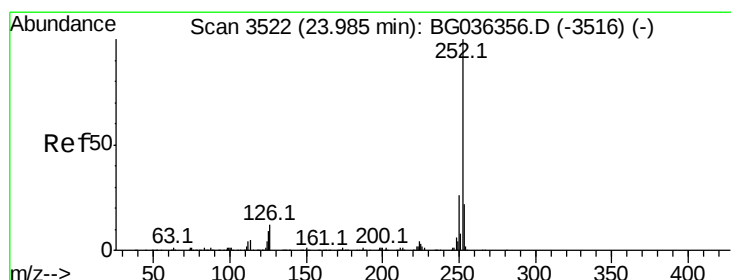
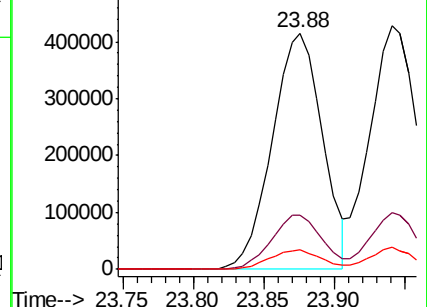
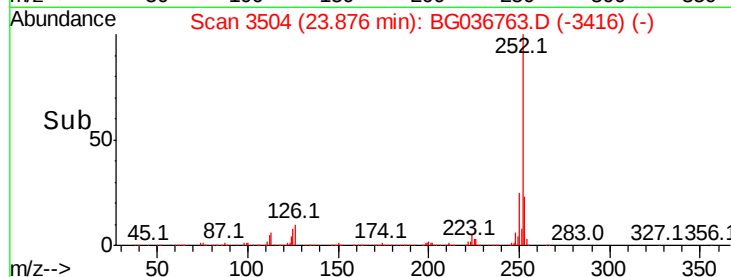
125 8.2 6.6 10.0



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: 43.061 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

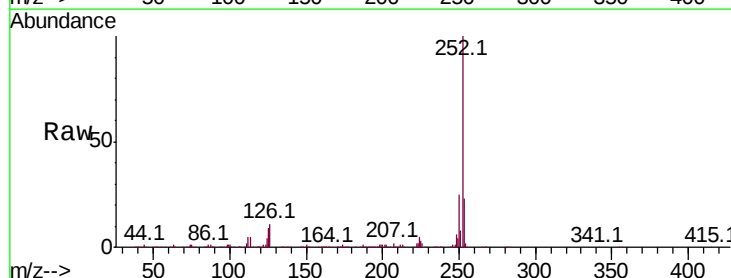
Tgt Ion:252 Resp: 1011015

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

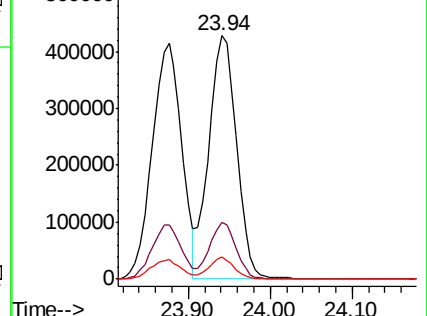
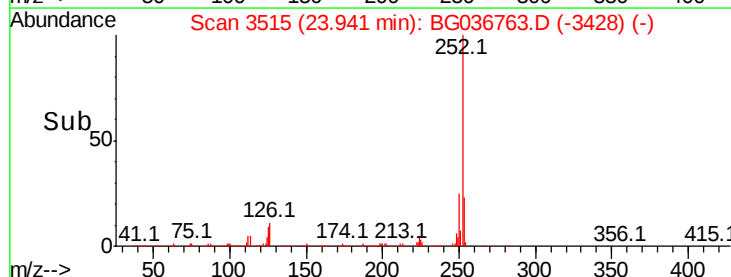
125 9.0 7.0 10.6

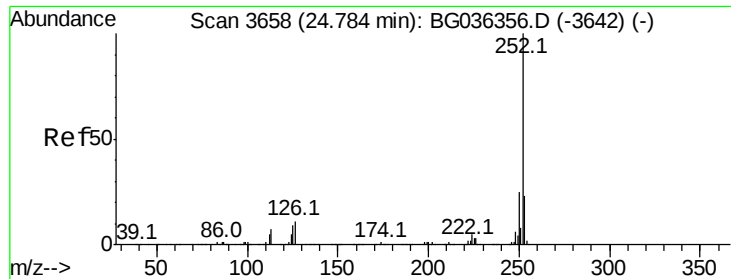


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

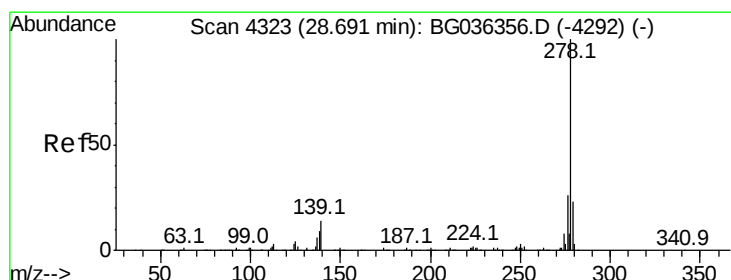
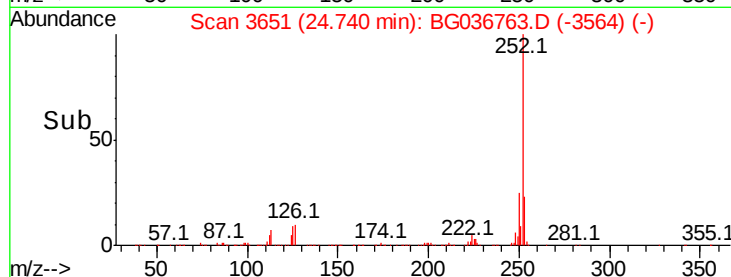
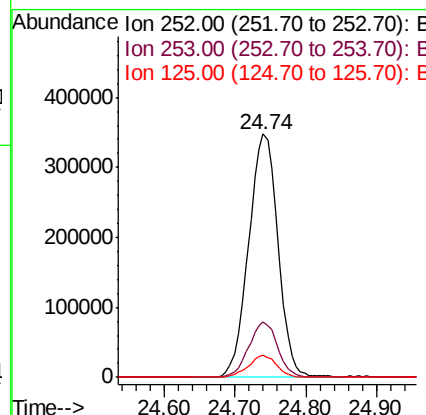
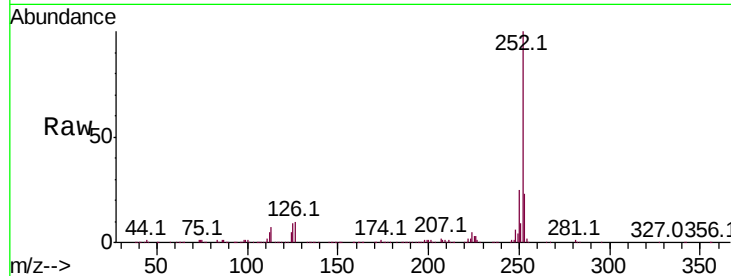




#89
Benzo(a)pyrene
Concen: 43.644 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.02 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

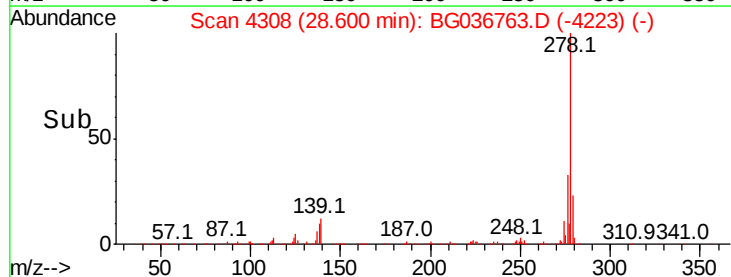
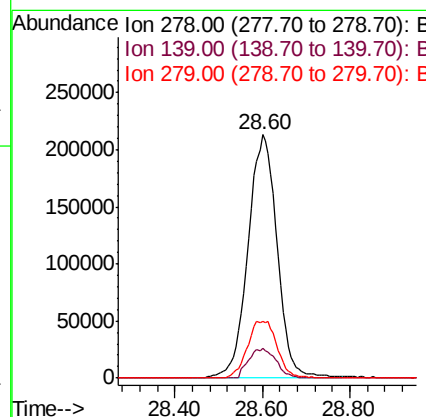
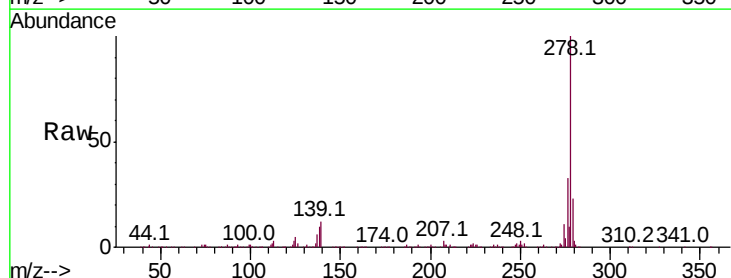
Instrument :
BNA_G
ClientSampleId :
PB112891BS

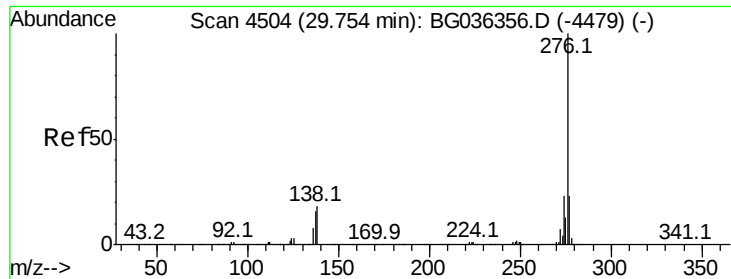
Tot Ion:252 Resp: 1007899
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.0 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 42.896 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.03 min
Lab File: BG036763.D
Acq: 17 Sep 2018 20:40

Tgt Ion:278 Resp: 956343
Ion Ratio Lower Upper
278 100
139 12.2 11.0 16.4
279 23.4 18.7 28.1





#91

Benzo(a,h,i)perylene

Concen: 43.617 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036763.D

Acq: 17 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

PB112891BS

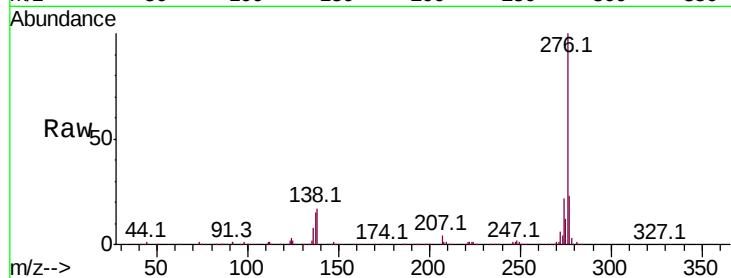
Tot Ion:276 Resp: 977207

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 17.0 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

