

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037651.D
 Acq On : 30 Oct 2018 13:26
 Operator : JU/SJ
 Sample : PB114295BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

Quant Time: Oct 30 14:15:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54499	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	254669	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	171163	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	409278	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363642	20.00	ng	0.00
87) Perylene-d12	25.10	264	377368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	465893	142.92	ng	0.00
7) Phenol-d6	7.25	99	652047	132.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	334981	73.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	231500	124.01	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	822996	72.51	ng	0.00
79) Terphenyl-d14	20.08	244	1026327	60.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48851	29.551	ng	99
3) Pyridine	3.93	79	140285	33.669	ng	92
4) n-Nitrosodimethylamine	3.85	42	61660	41.547	ng	# 98
6) Aniline	7.42	93	188220	31.301	ng	99
8) 2-Chlorophenol	7.66	128	164897	43.241	ng	97
9) Benzaldehyde	7.24	77	77232	25.047	ng	96
10) Phenol	7.28	94	223428	42.960	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	149583	37.869	ng	99
12) 1,3-Dichlorobenzene	7.99	146	157732	37.153	ng	95
13) 1,4-Dichlorobenzene	8.13	146	161009	37.076	ng	99
14) 1,2-Dichlorobenzene	8.46	146	153689	36.791	ng	99
15) Benzyl Alcohol	8.34	79	148398	40.744	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	275349	38.958	ng	99
17) 2-Methylphenol	8.53	107	152102	44.237	ng	98
18) Hexachloroethane	9.19	117	56812	38.374	ng	91
19) n-Nitroso-di-n-propylamine	8.90	70	124074	36.553	ng	98
20) 3+4-Methylphenols	8.86	107	210110	42.740	ng	99
22) Acetophenone	8.93	105	241626	37.831	ng	97
24) Nitrobenzene	9.32	77	186222	39.431	ng	95
25) Isophorone	9.84	82	353823	42.596	ng	99
26) 2-Nitrophenol	10.03	139	90525	42.549	ng	95
27) 2,4-Dimethylphenol	10.07	122	182196	47.963	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	217659	39.994	ng	97
29) 2,4-Dichlorophenol	10.56	162	180374	42.647	ng	100
30) 1,2,4-Trichlorobenzene	10.78	180	167822	36.487	ng	97
31) Naphthalene	10.97	128	509870	40.761	ng	99
32) Benzoic acid	10.20	122	113774	46.113	ng	96
33) 4-Chloroaniline	11.08	127	137380	23.375	ng	94
34) Hexachlorobutadiene	11.24	225	95131	34.898	ng	98
35) Caprolactam	11.87	113	66244	39.052	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	198273	41.568	ng	99
37) 2-Methylnaphthalene	12.57	142	389616	42.729	ng	99
38) 1-Methylnaphthalene	12.79	142	368918	41.661	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	197581	35.788	ng	99

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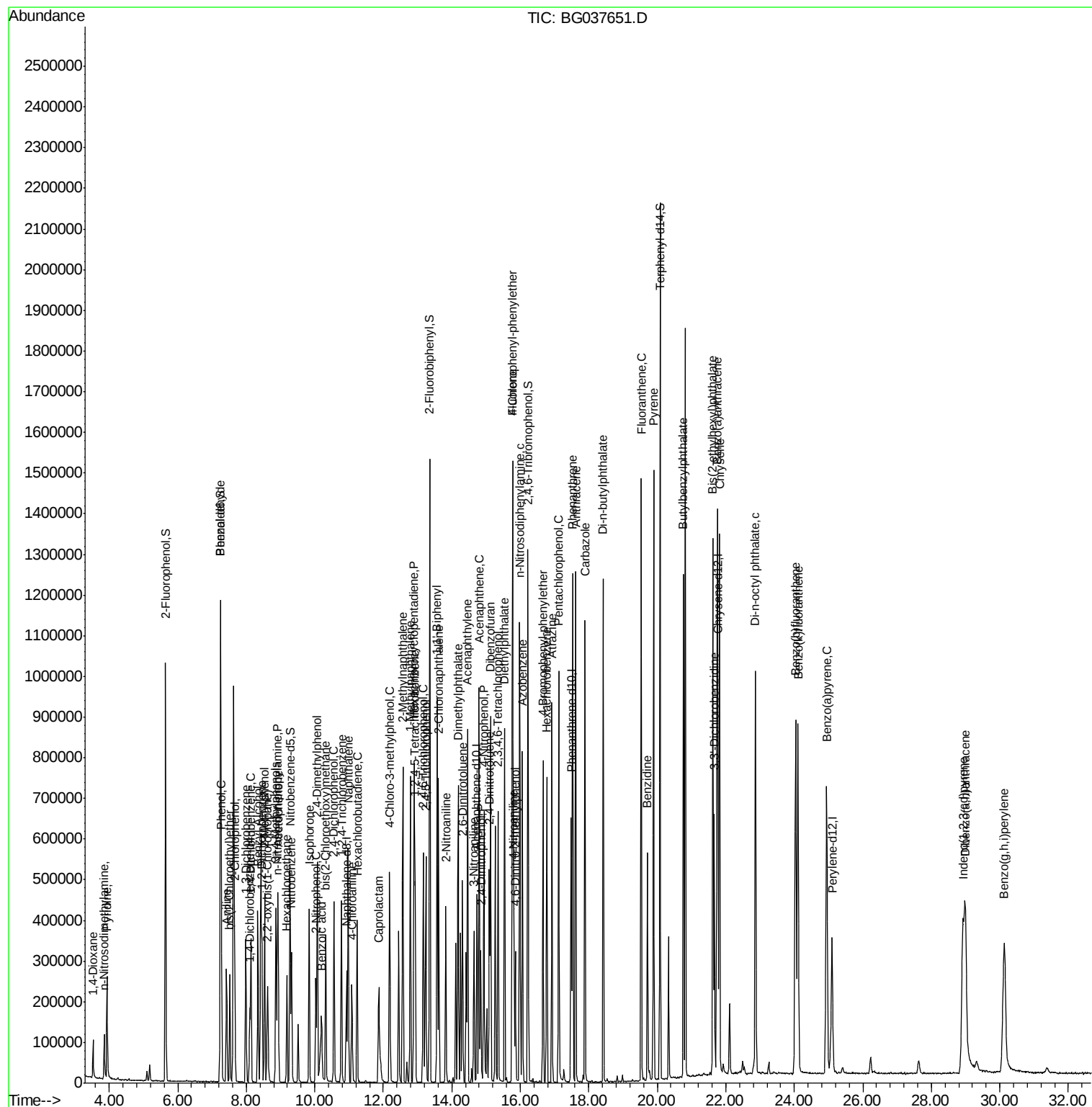
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	234560	88.943	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	150183	40.717	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	164762	41.028	nq	99
46) 1,1'-Biphenyl	13.57	154	511660	36.095	nq	98
47) 2-Chloronaphthalene	13.62	162	398107	37.122	nq	99
48) 2-Nitroaniline	13.83	65	134586	41.384	nq	94
49) Acenaphthylene	14.46	152	668849	41.461	nq	99
50) Dimethylphthalate	14.19	163	518247	39.138	nq	100
51) 2,6-Dinitrotoluene	14.32	165	118914	40.595	nq	93
52) Acenaphthene	14.80	154	390700	39.325	nq	99
53) 3-Nitroaniline	14.65	138	102819	31.618	nq	# 98
54) 2,4-Dinitrophenol	14.85	184	88899	72.751	nq	95
55) Dibenzofuran	15.13	168	627463	38.118	nq	99
56) 4-Nitrophenol	14.94	139	198303	82.384	nq	97
57) 2,4-Dinitrotoluene	15.10	165	167040	43.441	nq	97
58) Fluorene	15.78	166	508408	41.244	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	143721	41.799	nq	99
60) Diethylphthalate	15.54	149	540918	39.790	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	265569	36.962	nq	99
62) 4-Nitroaniline	15.81	138	131012	40.544	nq	92
63) Azobenzene	16.06	77	512933	39.546	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	81840	39.859	nq	97
66) n-Nitrosodiphenylamine	15.98	169	471806	38.323	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	168454	37.480	nq	98
68) Hexachlorobenzene	16.78	284	169228	36.329	nq	98
69) Atrazine	16.93	200	178573	40.119	nq	99
70) Pentachlorophenol	17.12	266	202995	65.058	nq	95
71) Phenanthrene	17.53	178	848291	40.782	nq	99
72) Anthracene	17.62	178	857002	41.983	nq	98
73) Carbazole	17.89	167	776109	38.009	nq	99
74) Di-n-butylphthalate	18.42	149	933323	41.089	nq	99
75) Fluoranthene	19.53	202	983127	41.672	nq	99
77) Benzidine	19.71	184	353801	28.614	nq	99
78) Pyrene	19.89	202	973315	40.944	nq	99
80) Butylbenzylphthalate	20.77	149	415847	42.744	nq	96
81) Benzo(a)anthracene	21.75	228	907503	42.192	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	252487	30.285	nq	99
83) Chrysene	21.82	228	853648	41.274	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	582027	42.680	nq	98
85) Di-n-octyl phthalate	22.86	149	989634	44.503	nq	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	912299	41.125	nq	98
88) Benzo(b)fluoranthene	24.04	252	886618	42.855	nq	99
89) Benzo(k)fluoranthene	24.10	252	876380	43.237	nq	98
90) Benzo(a)pyrene	24.95	252	871351	44.323	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	752397	41.491	nq	97
92) Benzo(g,h,i)perylene	30.13	276	379548	20.688	nq	97

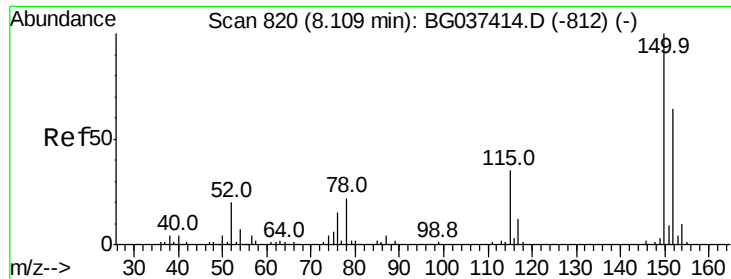
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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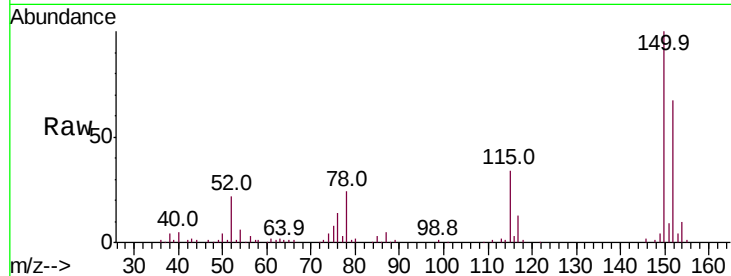


#1

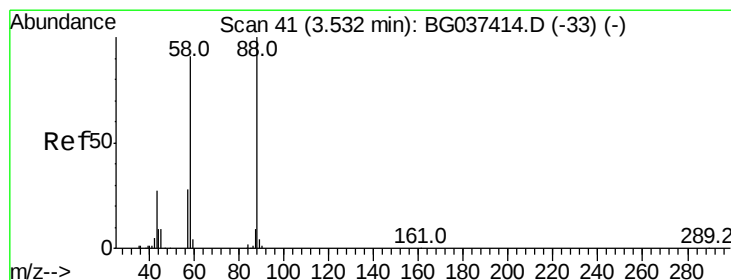
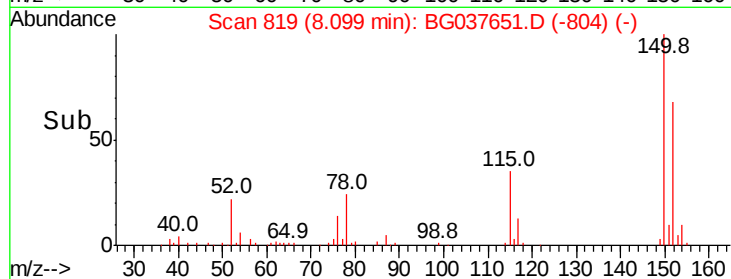
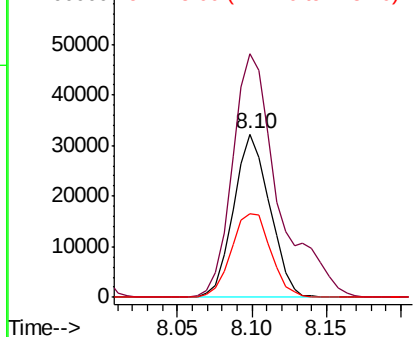
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:152 Resp: 54499
Ion Ratio Lower Upper
152 100
150 149.0 126.0 189.0
115 50.8 45.5 68.3



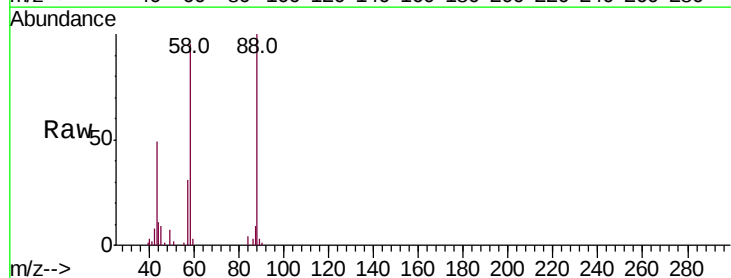
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



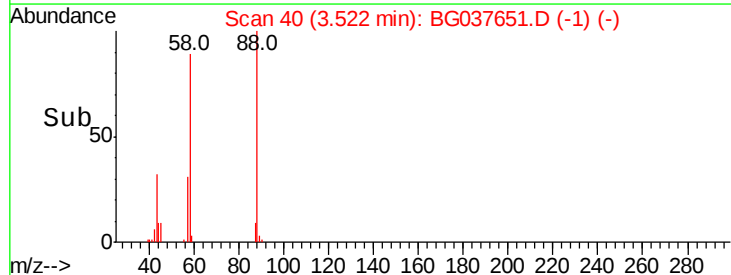
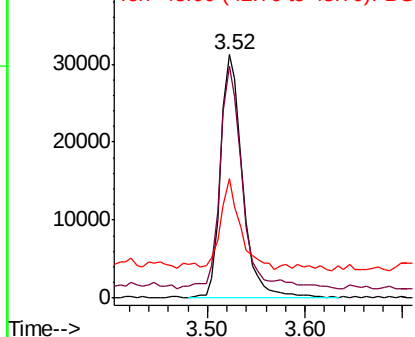
#2

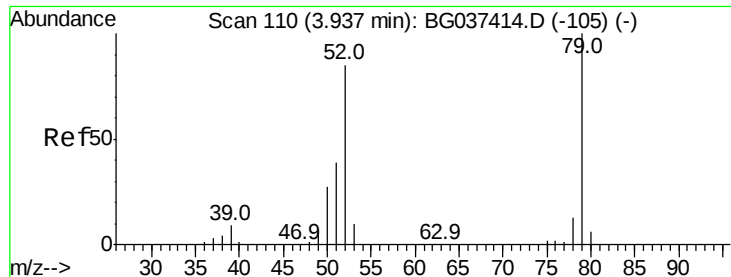
1,4-Dioxane
Concen: 29.551 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion: 88 Resp: 48851
Ion Ratio Lower Upper
88 100
58 93.7 74.4 111.6
43 32.9 25.8 38.8



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: 33.669 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

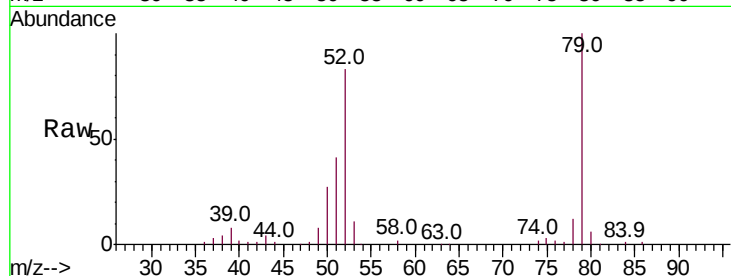
Tot Ion: 79 Resp: 140285

Ion Ratio Lower Upper

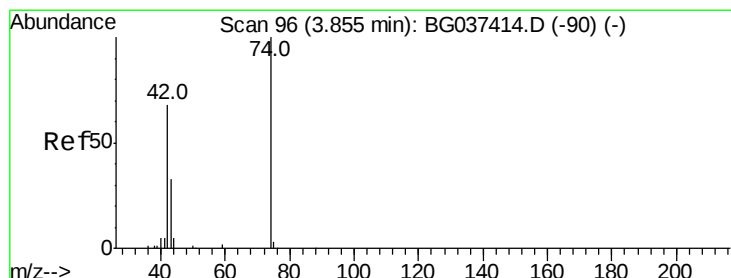
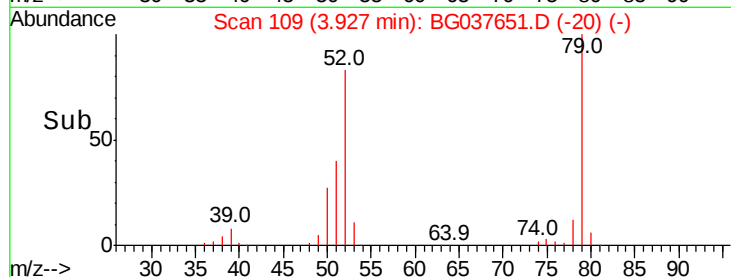
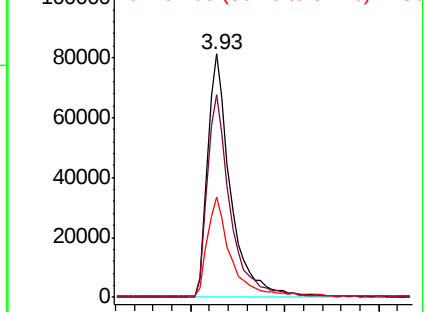
79 100

52 83.1 74.2 111.2

51 41.0 34.6 51.8



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: 41.547 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

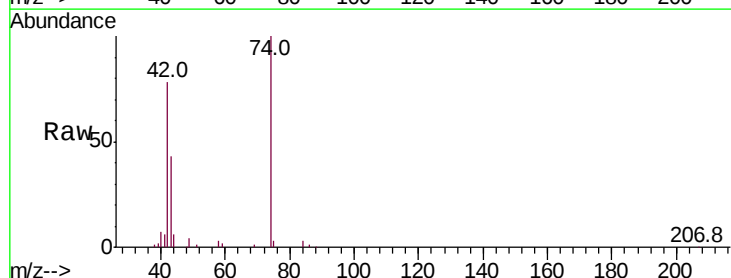
Tgt Ion: 42 Resp: 61660

Ion Ratio Lower Upper

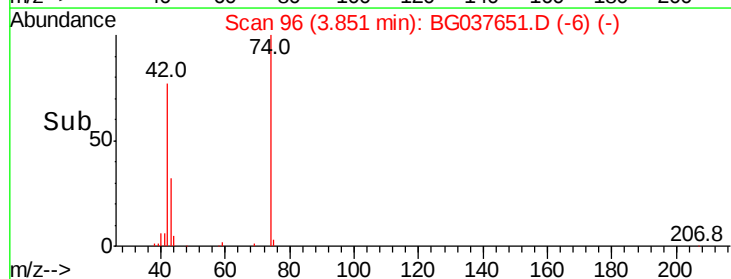
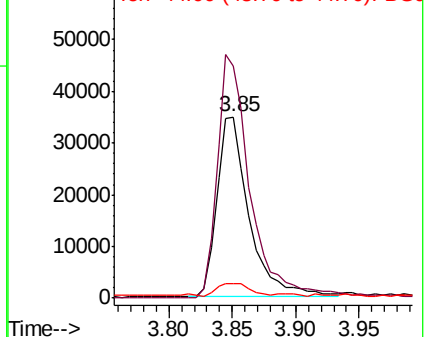
42 100

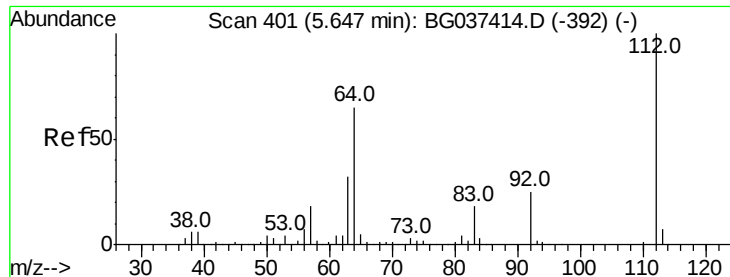
74 128.6 102.0 153.0

44 8.1 9.6 14.4#



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: 142.921 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037651.D

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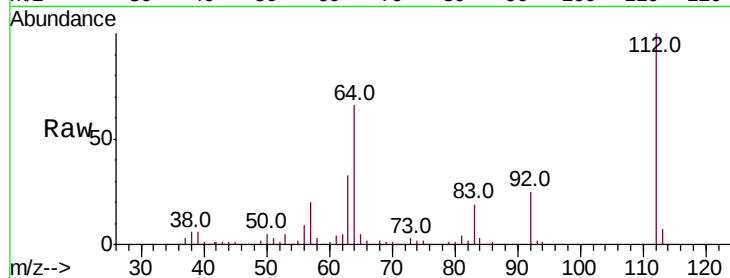
Tot Ion:112 Resp: 465893

Ion Ratio Lower Upper

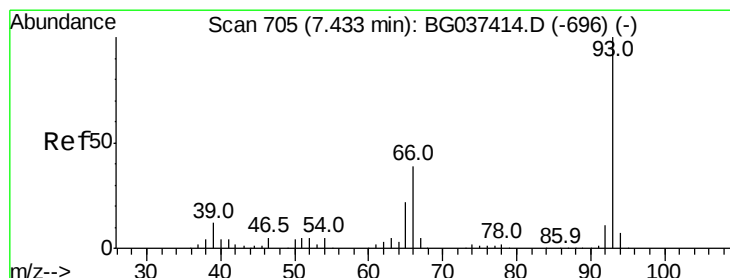
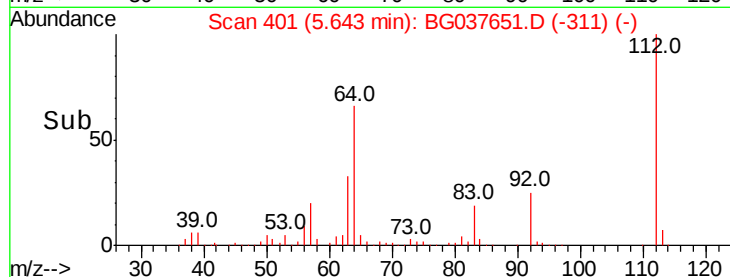
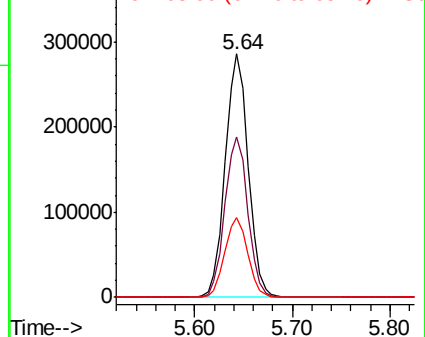
112 100

64 65.9 53.1 79.7

63 32.9 27.3 40.9



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: 31.301 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

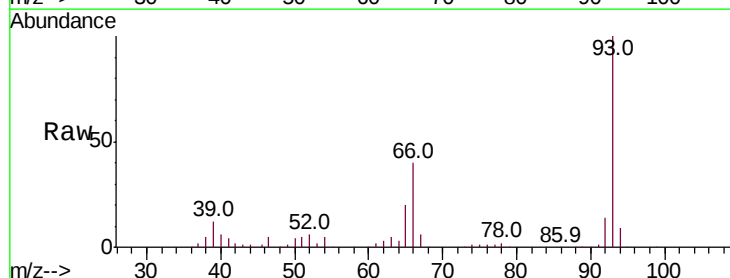
Tgt Ion: 93 Resp: 188220

Ion Ratio Lower Upper

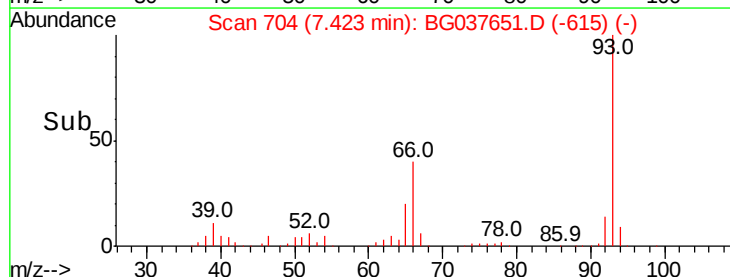
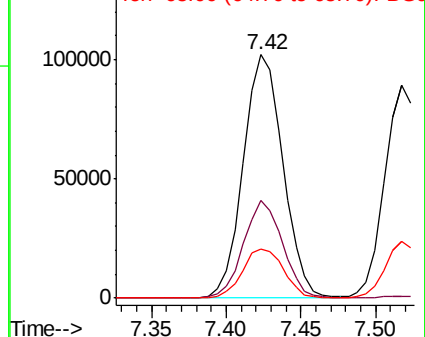
93 100

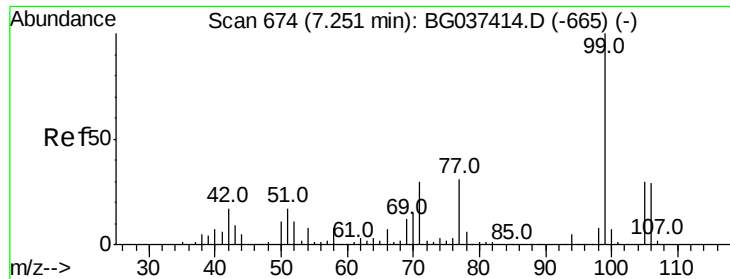
66 40.4 32.8 49.2

65 20.1 16.4 24.6



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: 132.282 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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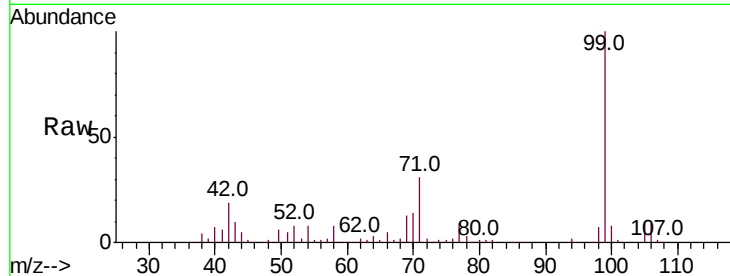
Tot Ion: 99 Resp: 652047

Ion Ratio Lower Upper

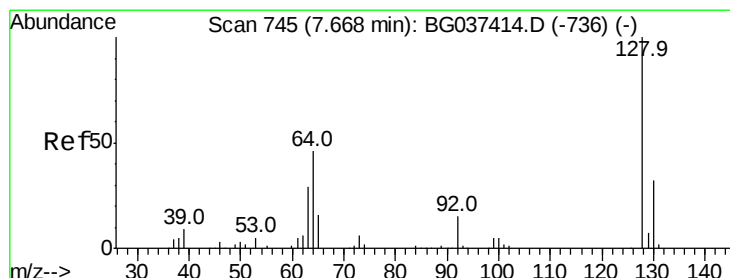
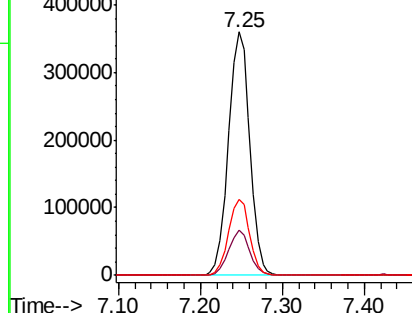
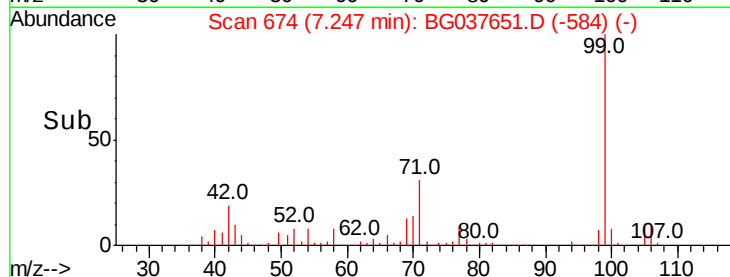
99 100

42 18.6 15.0 22.4

71 31.1 25.5 38.3



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: 43.241 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

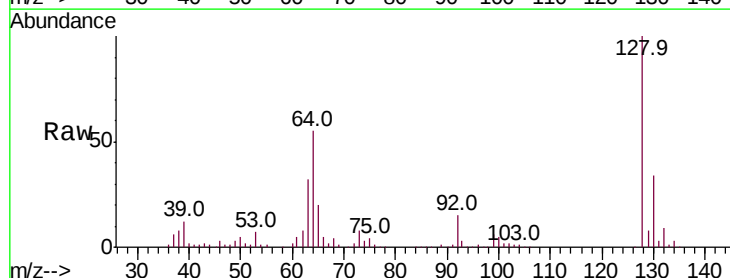
Tgt Ion: 128 Resp: 164897

Ion Ratio Lower Upper

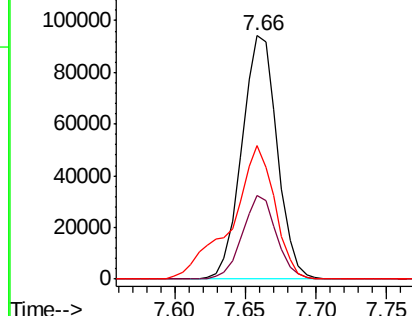
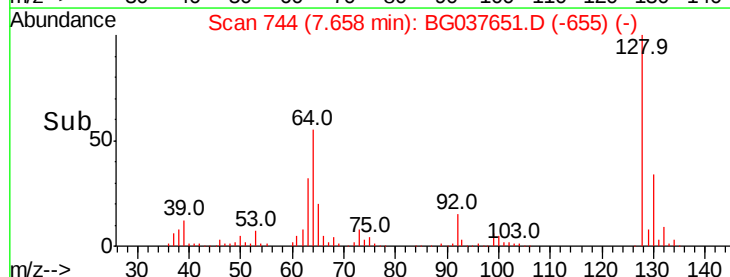
128 100

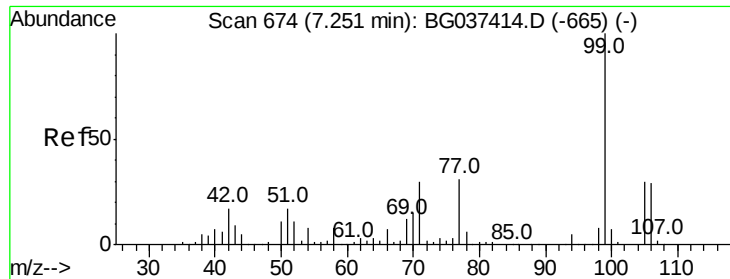
130 34.2 12.0 52.0

64 54.7 32.9 72.9



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: 25.047 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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ClientSampled :

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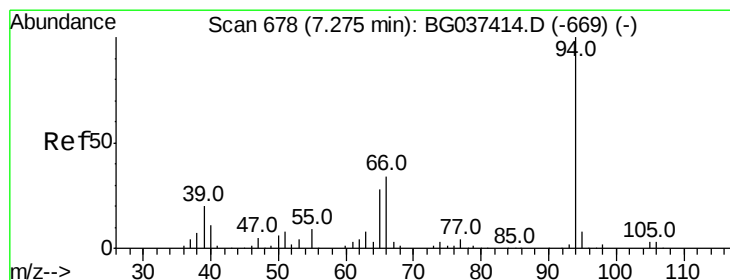
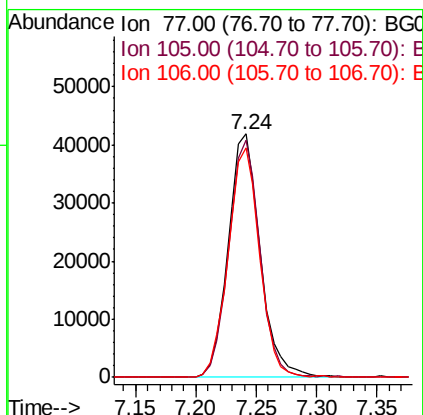
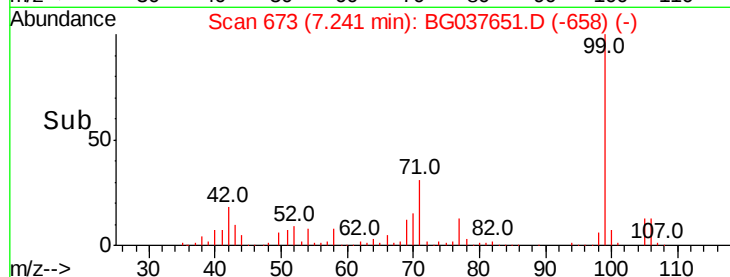
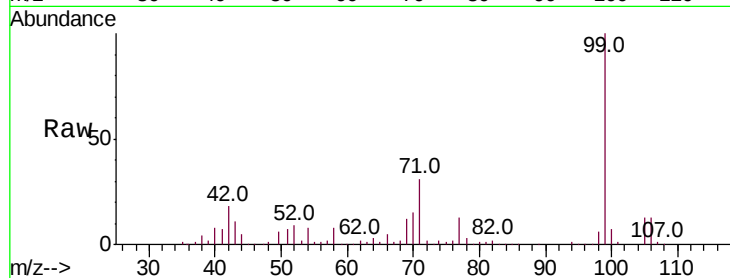
Tot Ion: 77 Resp: 77232

Ion Ratio Lower Upper

77 100

105 97.4 72.6 112.6

106 94.2 71.3 111.3



#10

Phenol

Concen: 42.960 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

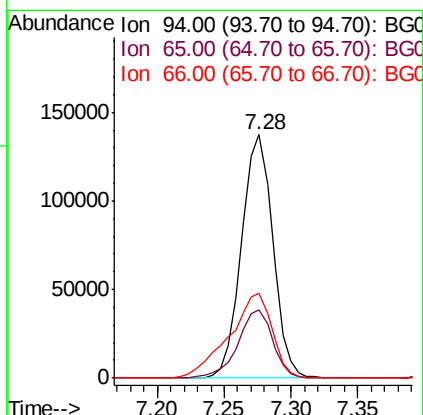
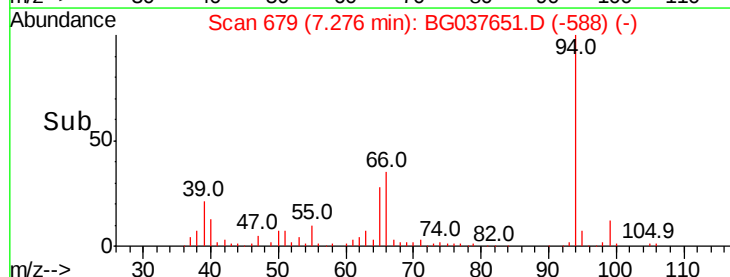
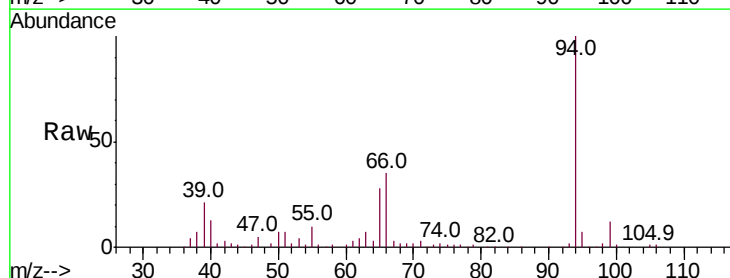
Tgt Ion: 94 Resp: 223428

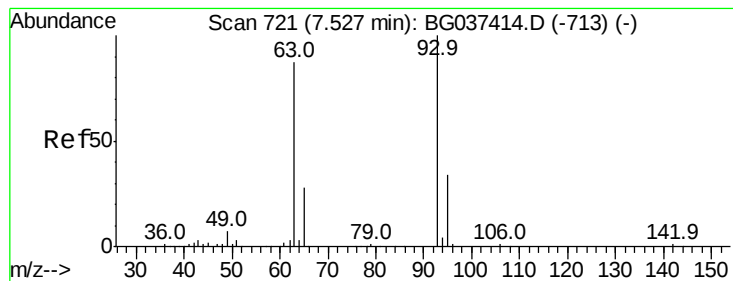
Ion Ratio Lower Upper

94 100

65 28.1 9.7 49.7

66 35.1 15.9 55.9





#11

bis(2-Chloroethyl)ether

Concen: 37.869 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

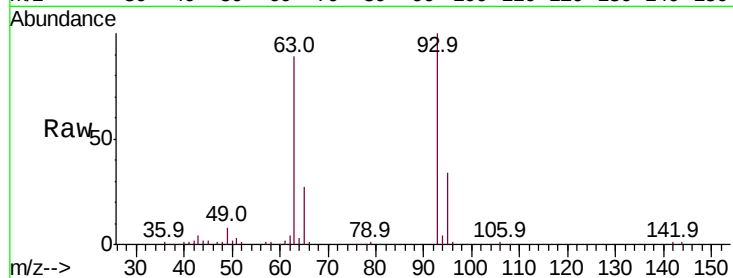
Tot Ion: 93 Resp: 149583

Ion Ratio Lower Upper

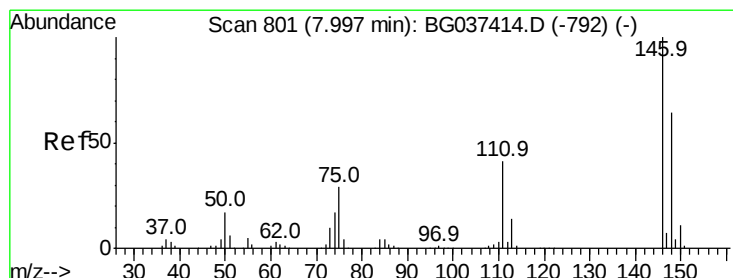
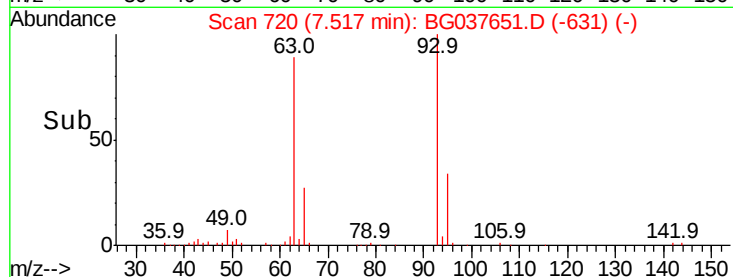
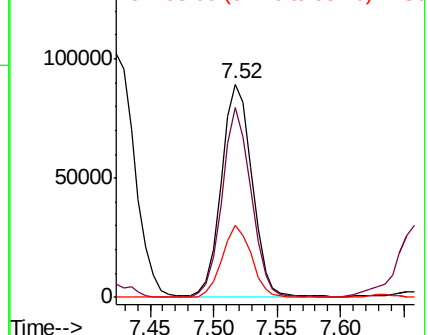
93 100

63 89.1 69.5 109.5

95 33.6 12.6 52.6



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



#12

1,3-Dichlorobenzene

Concen: 37.153 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

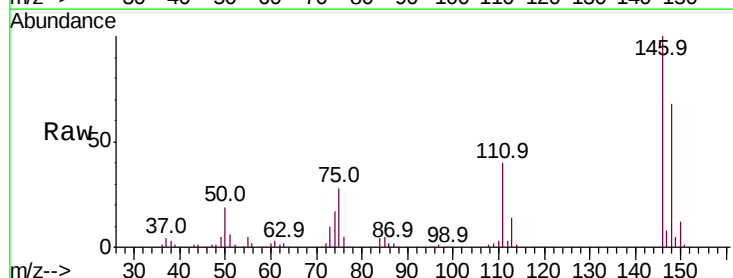
Tgt Ion: 146 Resp: 157732

Ion Ratio Lower Upper

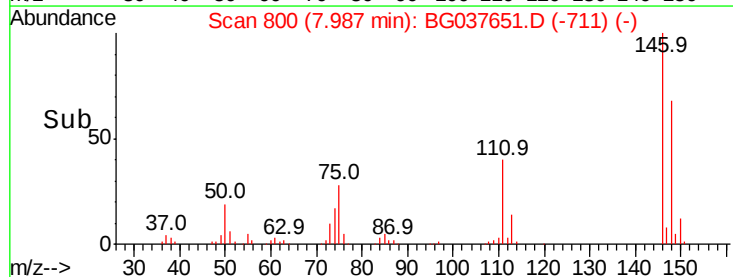
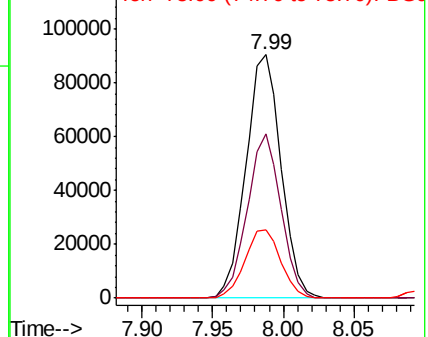
146 100

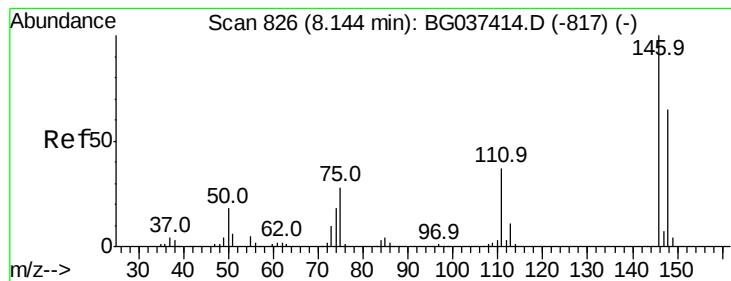
148 67.5 49.8 74.8

75 28.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.076 ng

RT: 8.13 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

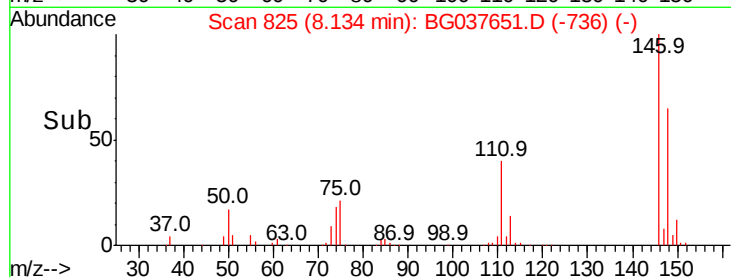
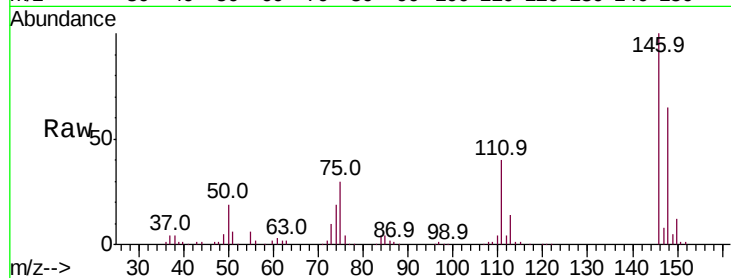
Tot Ion:146 Resp: 161009

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

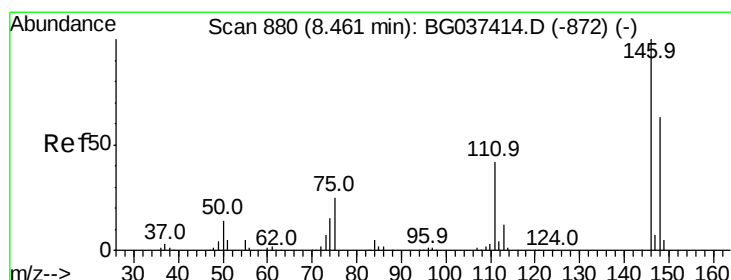
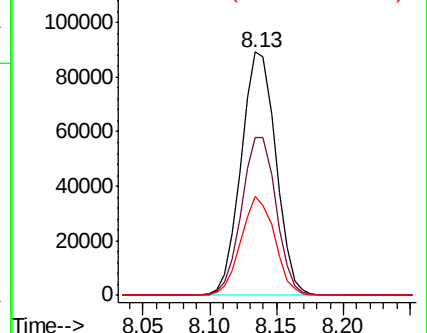
111 40.4 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.791 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

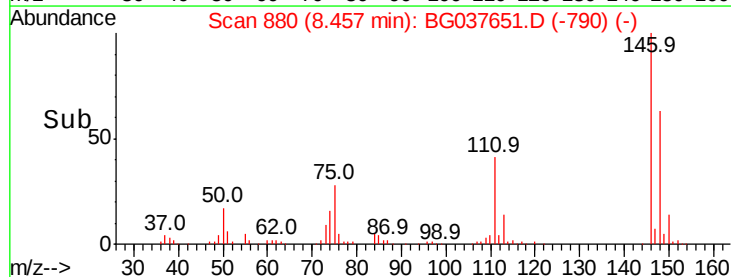
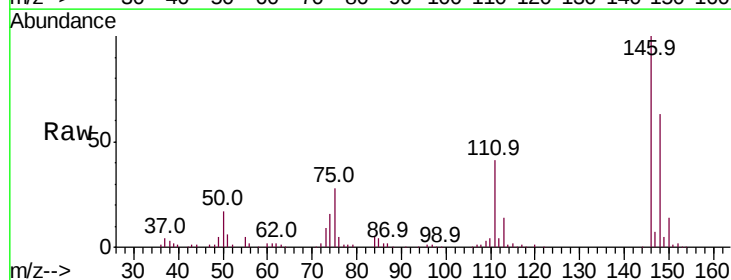
Tgt Ion:146 Resp: 153689

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

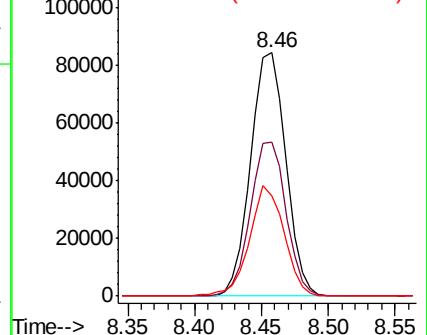
111 41.0 34.6 51.8

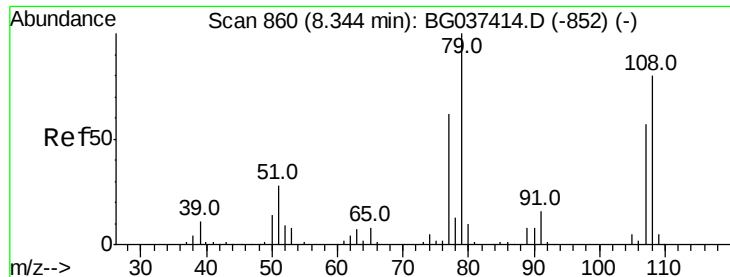


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.744 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

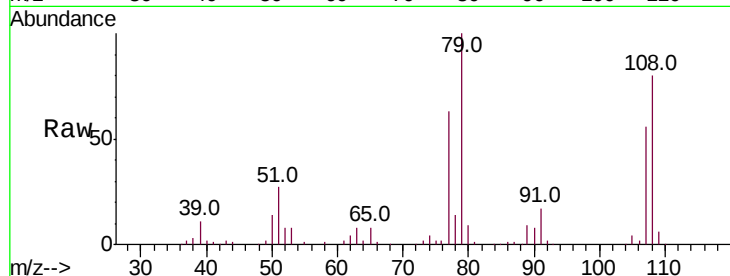
Tot Ion: 79 Resp: 148398

Ion Ratio Lower Upper

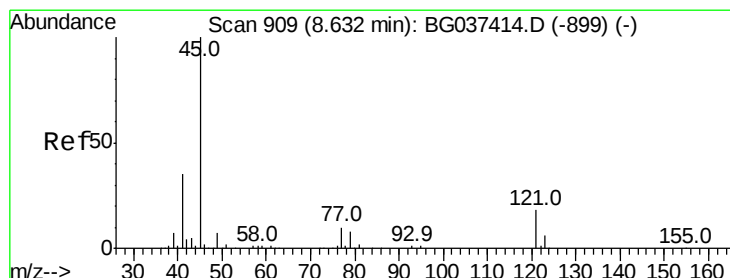
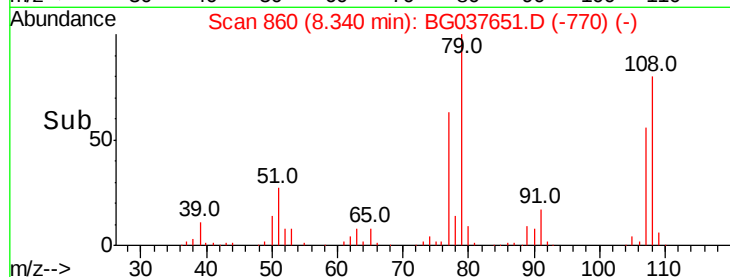
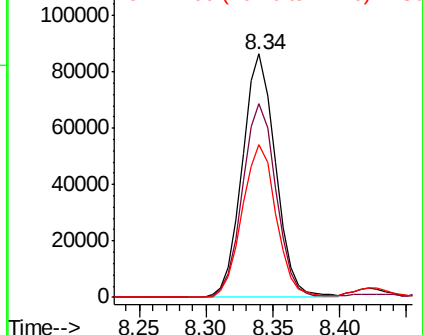
79 100

108 79.5 65.8 98.8

77 62.8 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.958 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

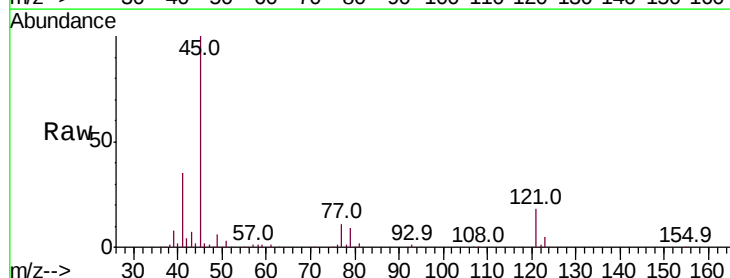
Tgt Ion: 45 Resp: 275349

Ion Ratio Lower Upper

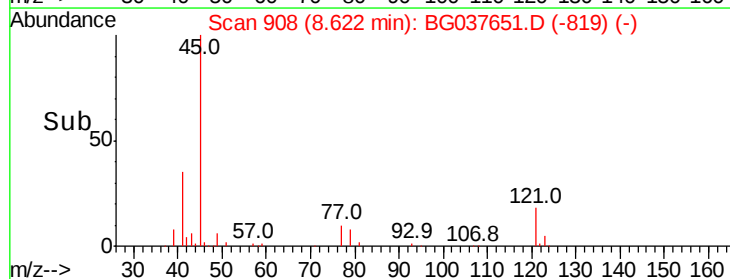
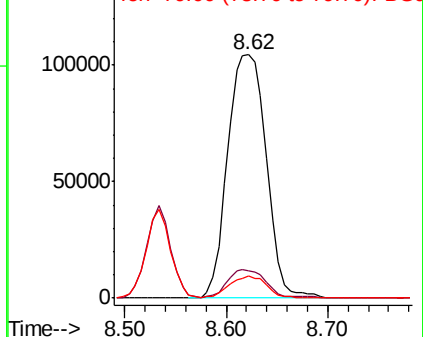
45 100

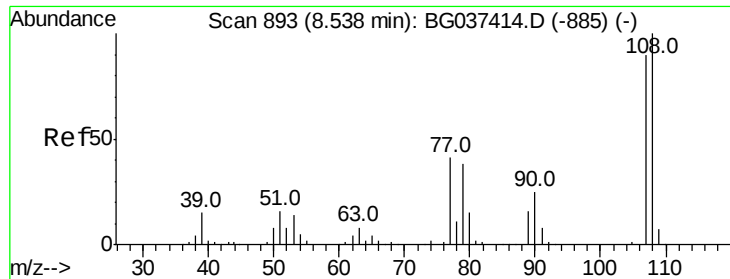
77 11.0 0.0 30.0

79 9.0 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.237 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleID :

PB114295BS

Tot Ion:107 Resp: 152102

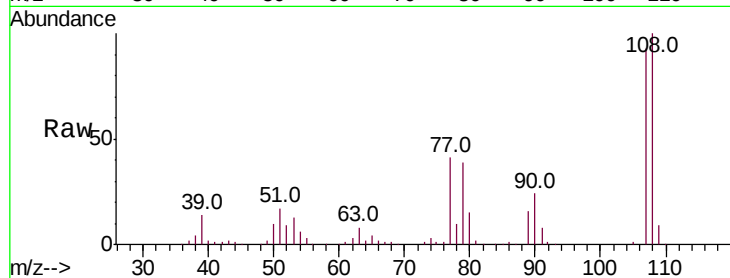
Ion Ratio Lower Upper

107 100

108 107.3 87.9 131.9

77 43.7 35.1 52.7

79 41.8 34.5 51.7

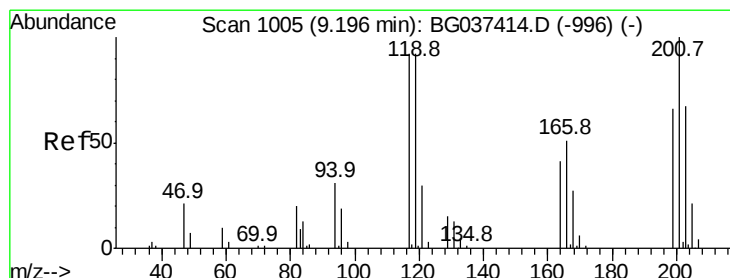
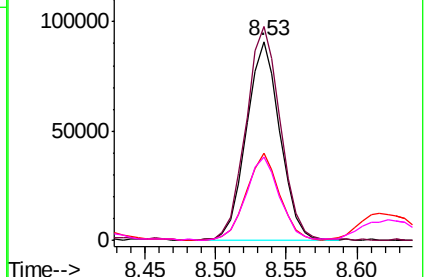
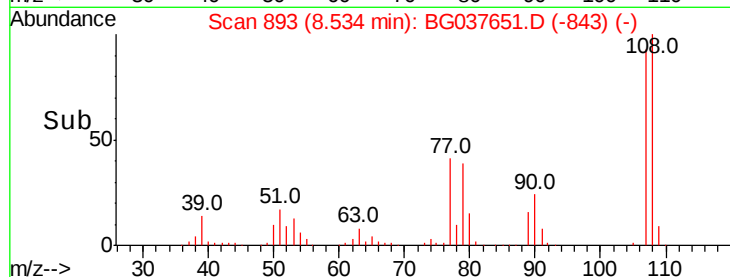


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.374 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

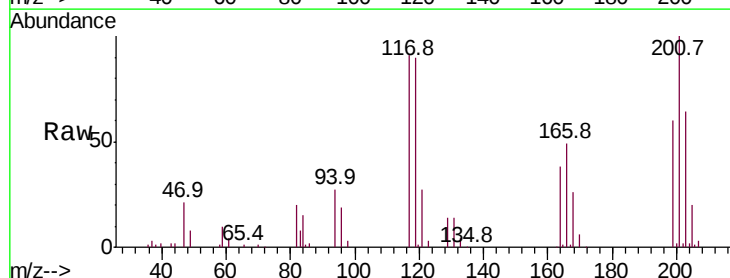
Tgt Ion:117 Resp: 56812

Ion Ratio Lower Upper

117 100

119 100.8 74.6 111.8

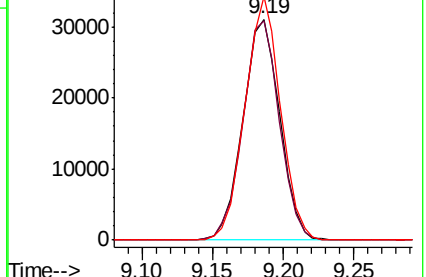
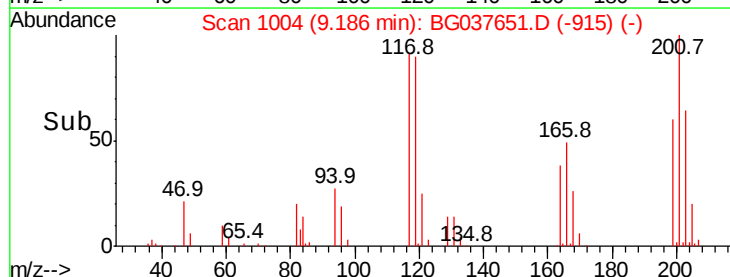
201 110.2 80.8 121.2

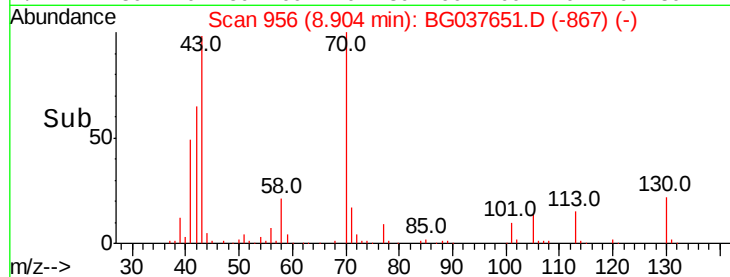
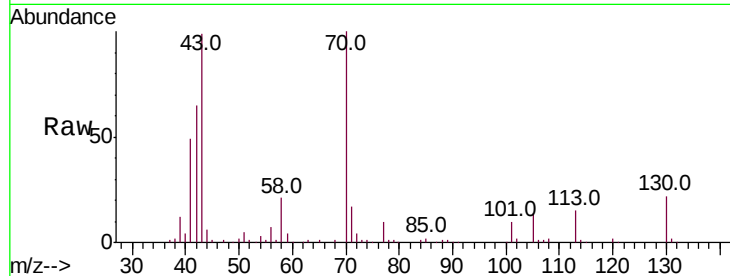
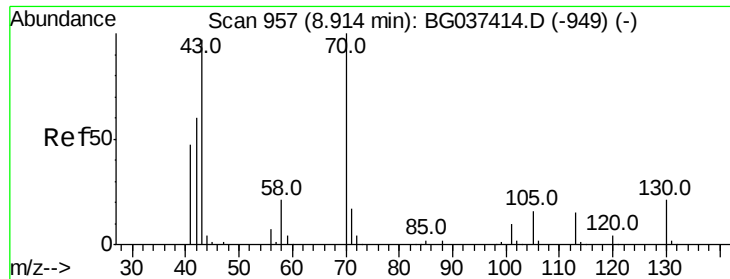


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

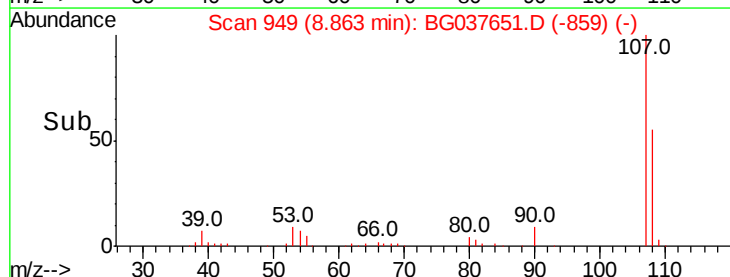
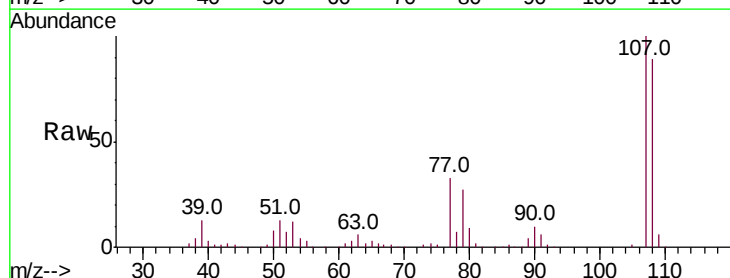
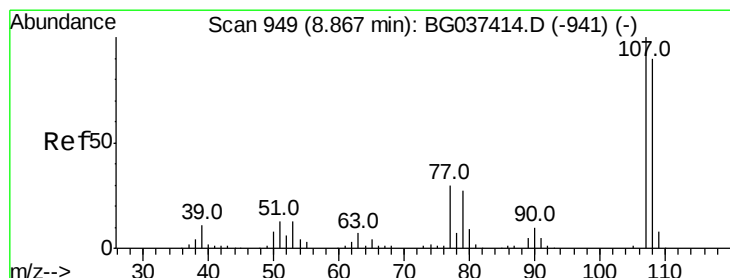
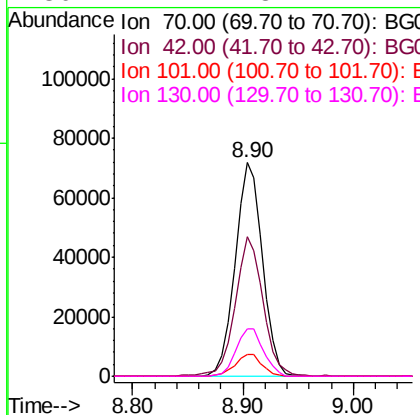




#19
n-Nitroso-di-n-propylamine
Concen: 36.553 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

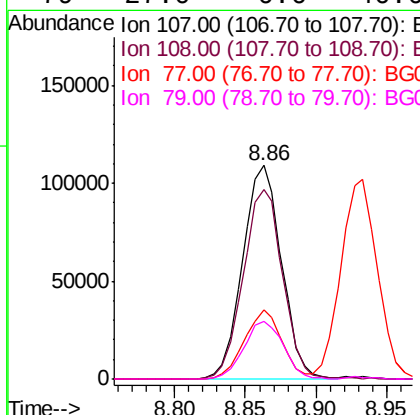
Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion: 70 Resp: 124074
Ion Ratio Lower Upper
70 100
42 65.2 53.9 80.9
101 10.4 8.2 12.2
130 22.2 18.2 27.4



#20
3+4-Methylphenols
Concen: 42.740 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion: 107 Resp: 210110
Ion Ratio Lower Upper
107 100
108 88.9 69.9 109.9
77 32.5 11.2 51.2
79 27.0 6.6 46.6

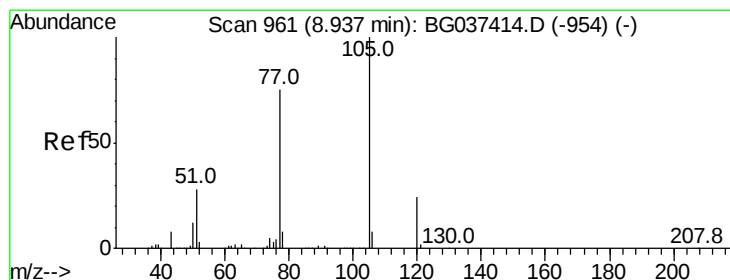
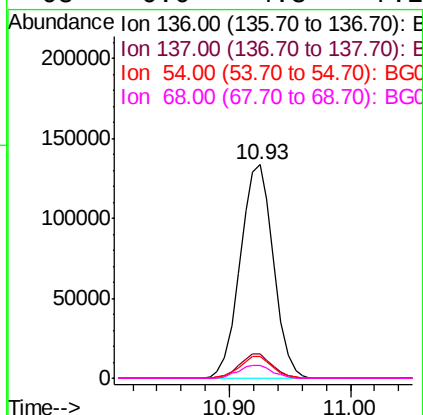
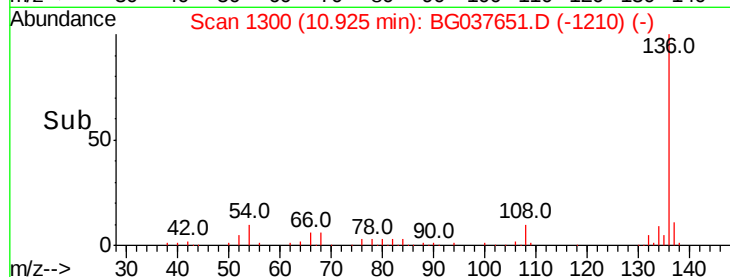
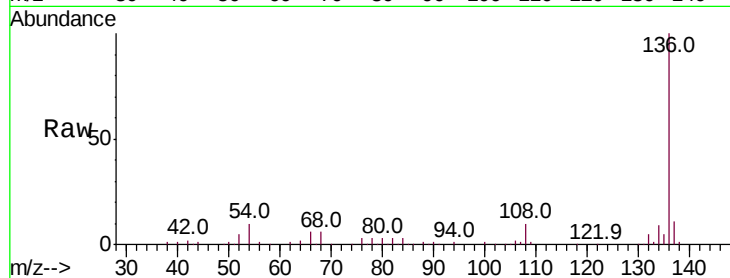




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

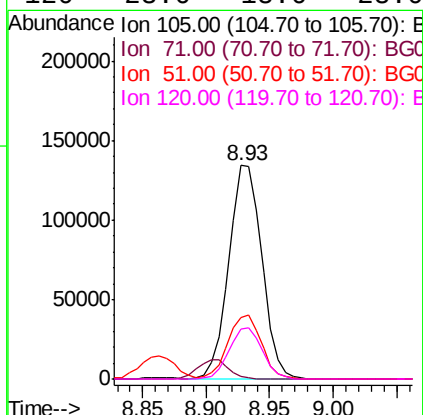
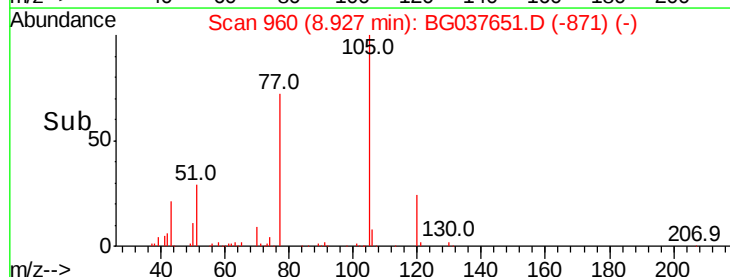
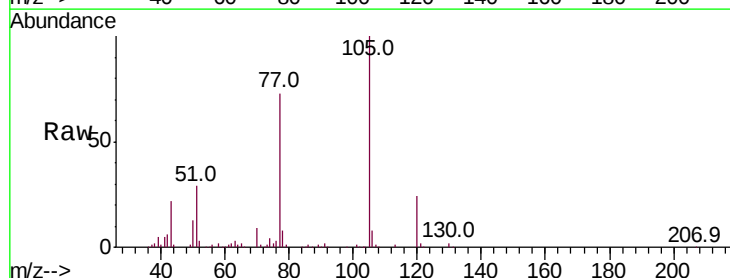
Instrument :
BNA_G
ClientSampleId :
PB114295BS

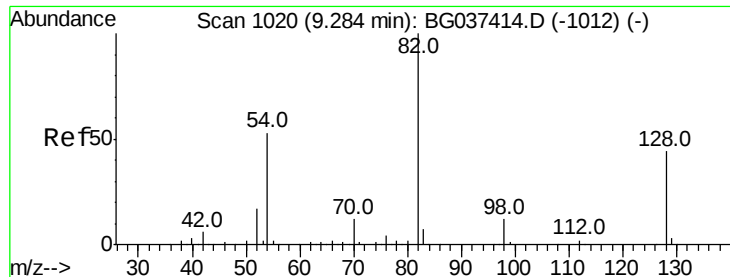
Tot Ion:136	Resp:	254669
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.6	14.4
54 10.3	7.9	11.9
68 6.0	4.8	7.2



#22
Acetophenone
Concen: 37.831 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:105	Resp:	241626
Ion Ratio	Lower	Upper
105 100		
71 1.3	1.2	1.8
51 29.0	25.0	37.6
120 23.6	18.6	28.0

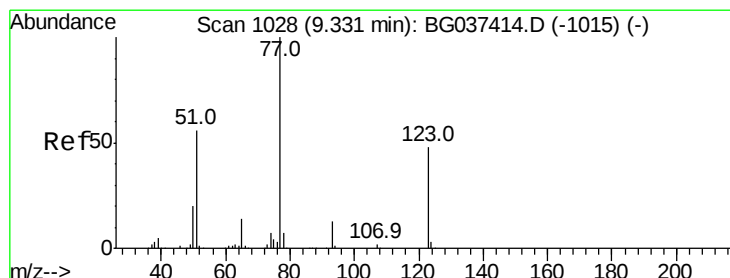
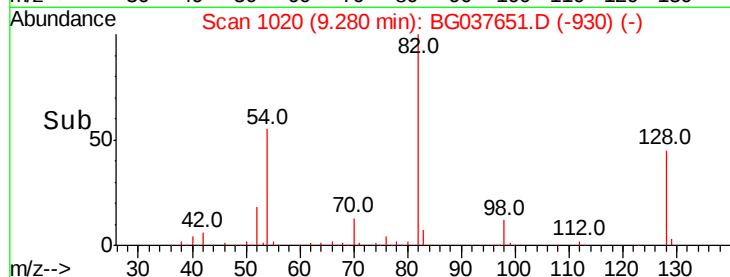
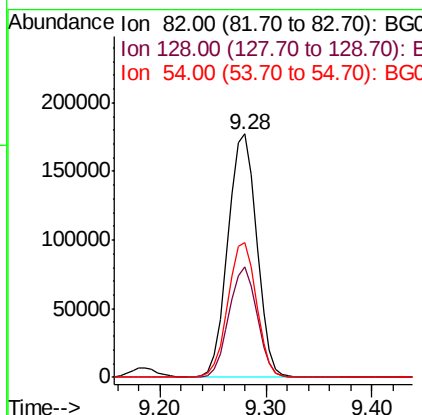
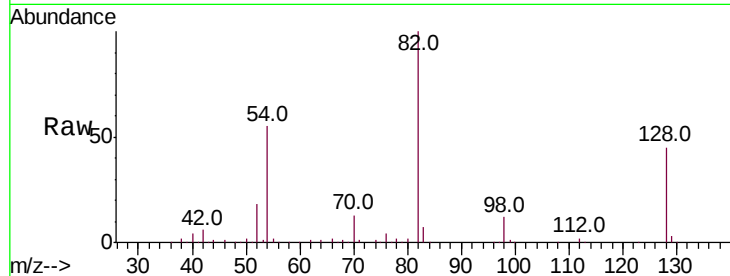




#23
 Nitrobenzene-d5
 Concen: 73.685 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

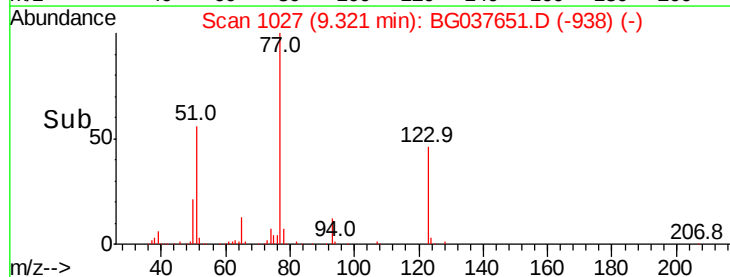
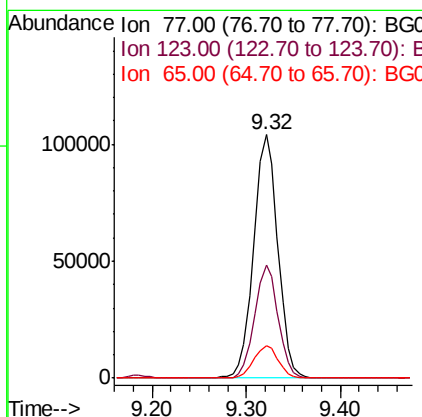
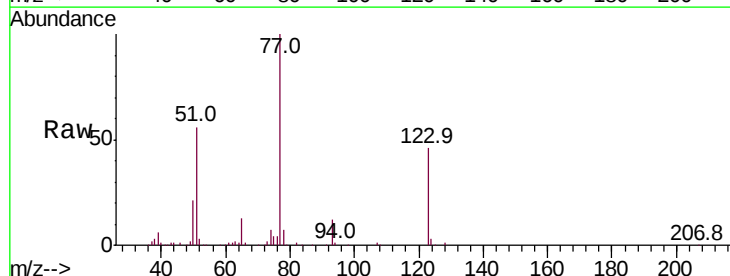
Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

Tot Ion	82	Resp	334981
Ion Ratio	100	Lower	Upper
128	45.2	34.6	51.8
54	55.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.431 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion	77	Resp	186222
Ion Ratio	100	Lower	Upper
123	46.3	33.6	50.4
65	13.5	11.3	16.9





#25

Isophorone

Concen: 42.596 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

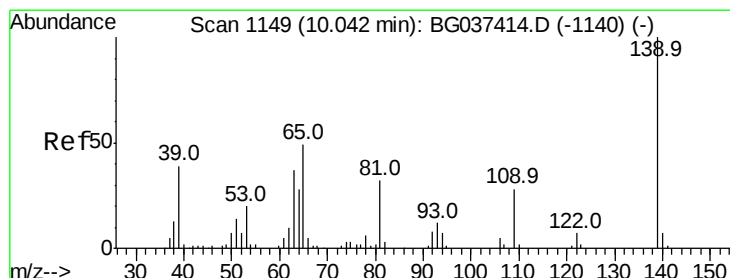
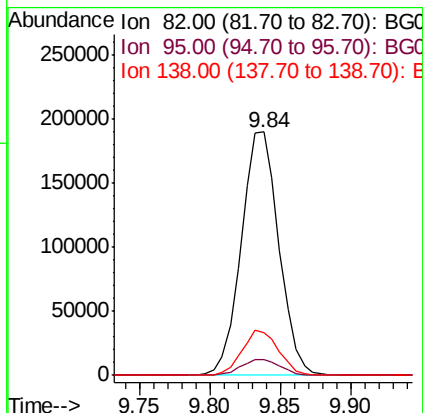
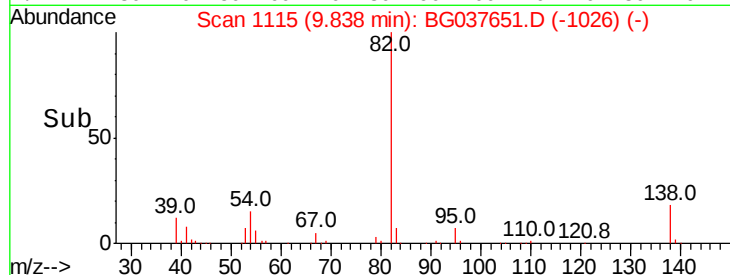
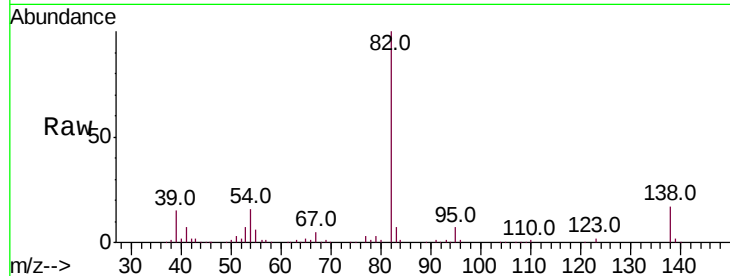
Tot Ion: 82 Resp: 353823

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 17.4 13.3 19.9



#26

2-Nitrophenol

Concen: 42.549 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

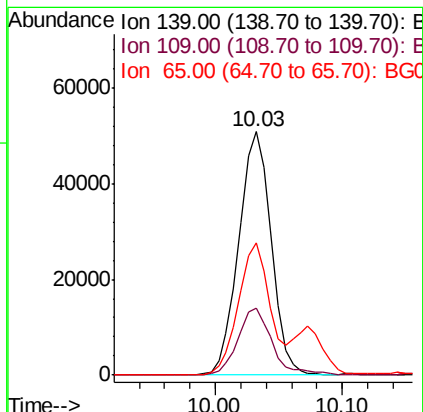
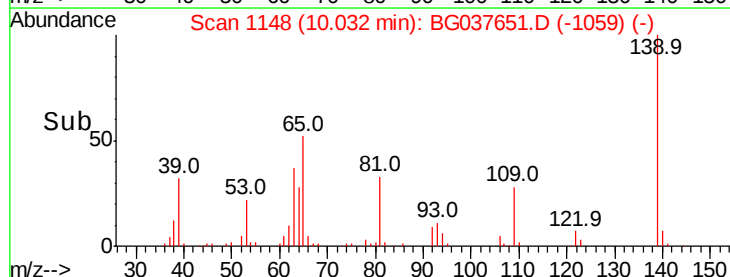
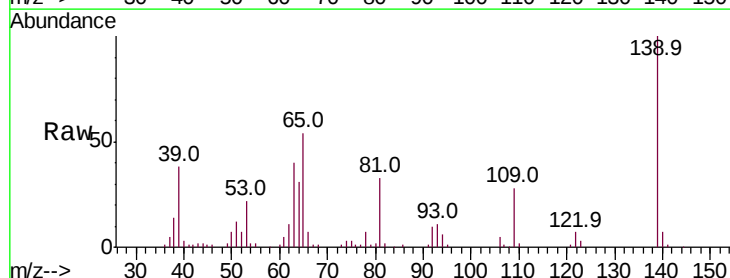
Tgt Ion: 139 Resp: 90525

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

65 54.4 39.8 59.8

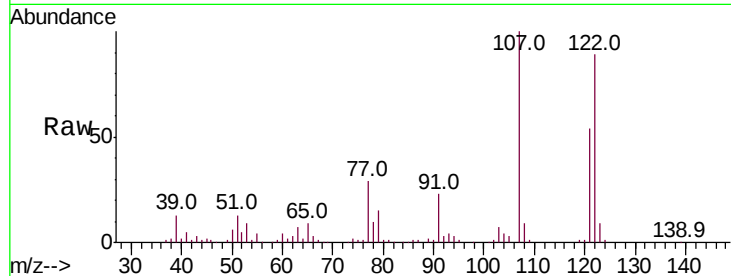




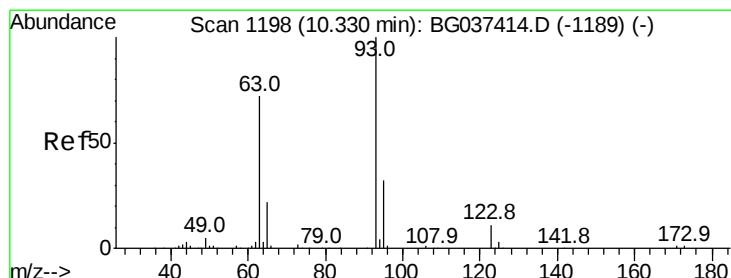
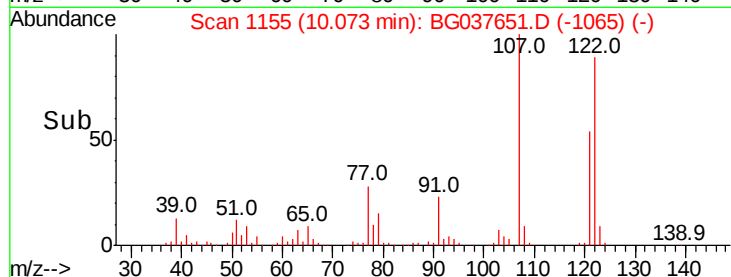
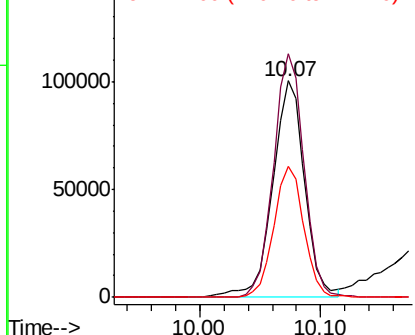
#27
2,4-Dimethylphenol
Concen: 47.963 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:122 Resp: 182196
Ion Ratio Lower Upper
122 100
107 112.4 94.2 141.2
121 60.4 47.3 70.9

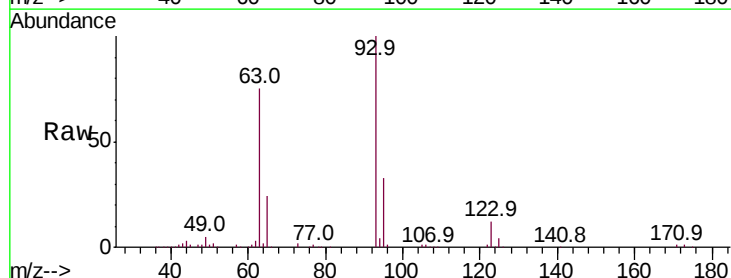


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

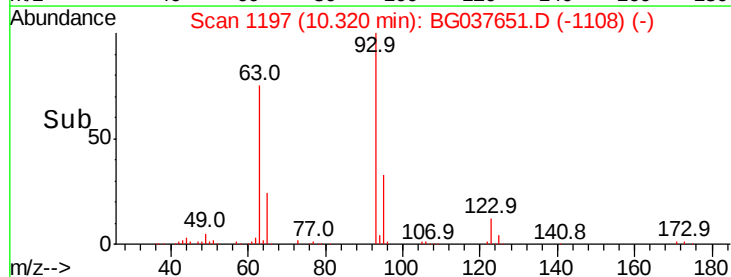
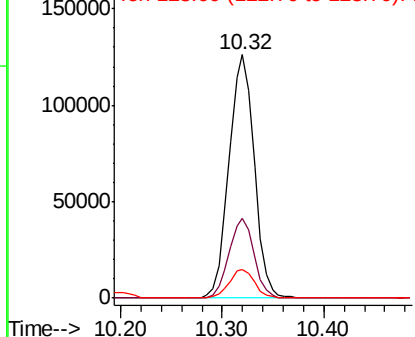


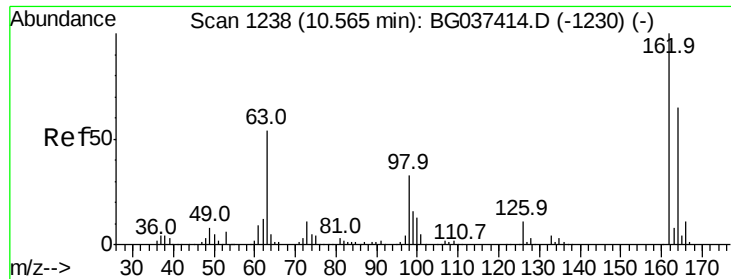
#28
bis(2-Chloroethoxy)methane
Concen: 39.994 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion: 93 Resp: 217659
Ion Ratio Lower Upper
93 100
95 32.8 24.6 37.0
123 11.5 9.1 13.7



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

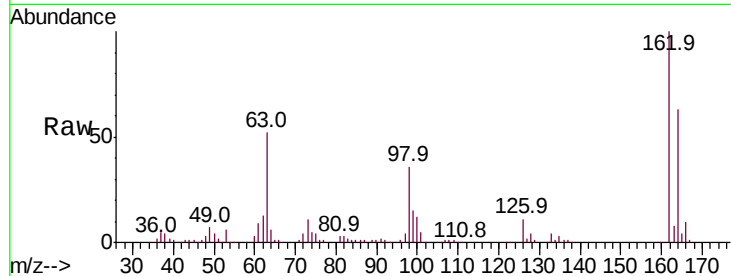




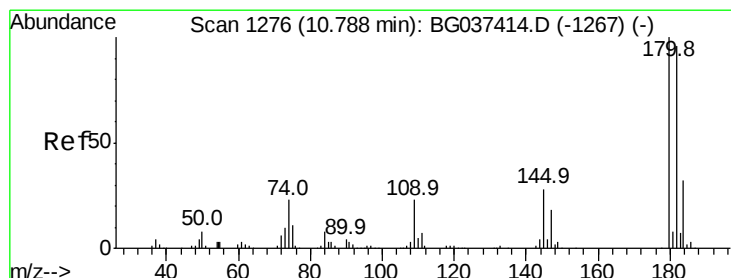
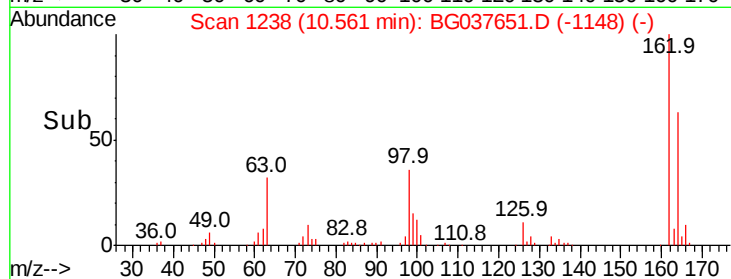
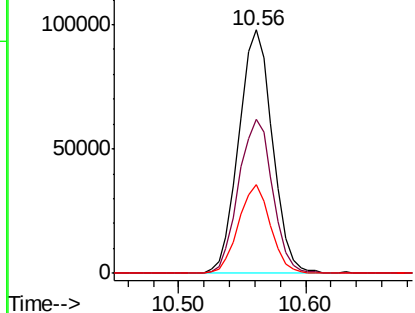
#29
 2,4-Dichlorophenol
 Concen: 42.647 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Instrument :
 BNA_G
 ClientSampled :
 PB114295BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.2	83.2
98	36.2	16.0	56.0

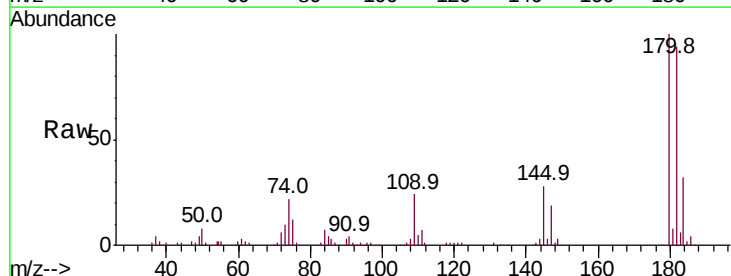


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

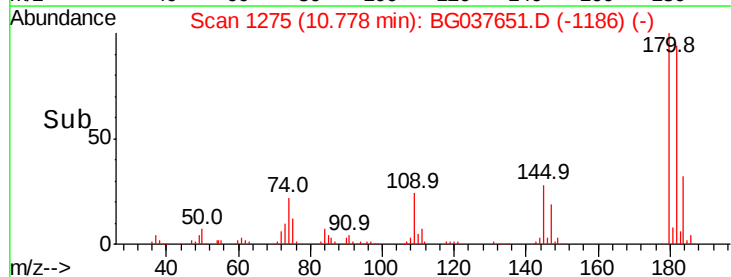
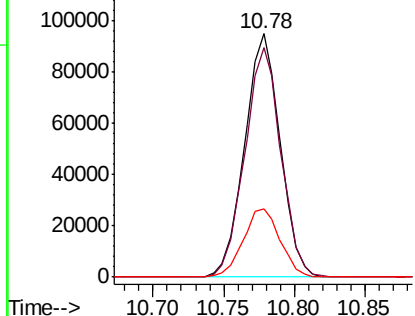


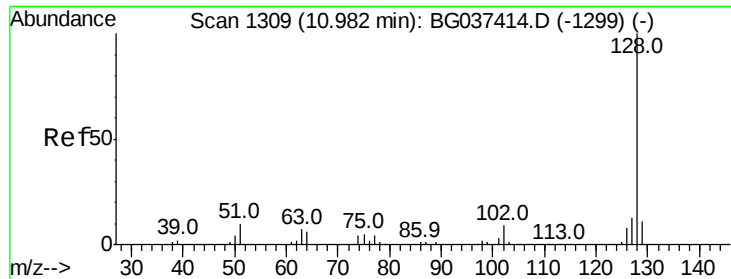
#30
 1,2,4-Trichlorobenzene
 Concen: 36.487 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.7	116.5
145	28.0	23.3	34.9



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

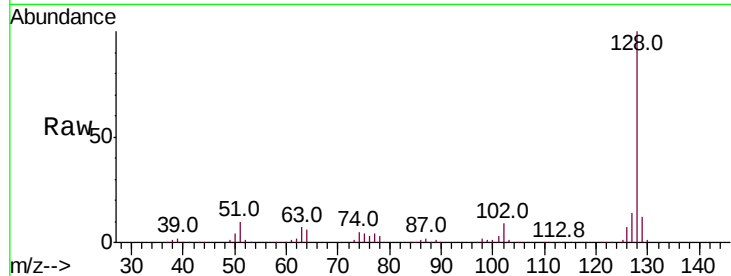




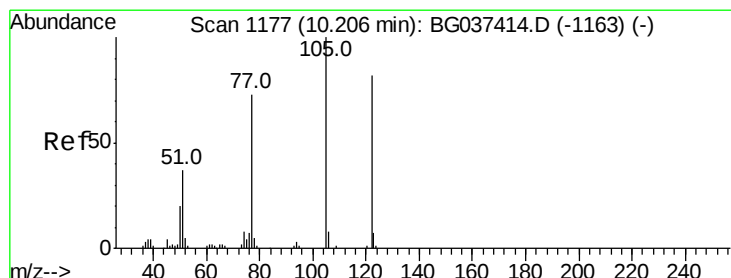
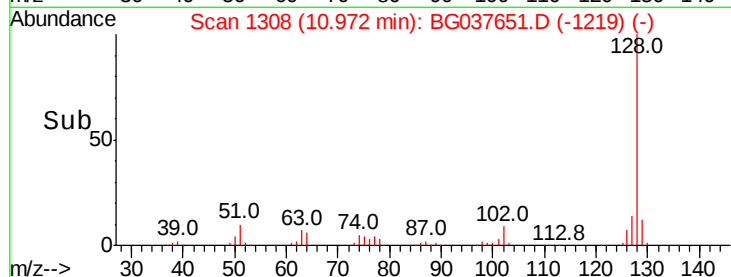
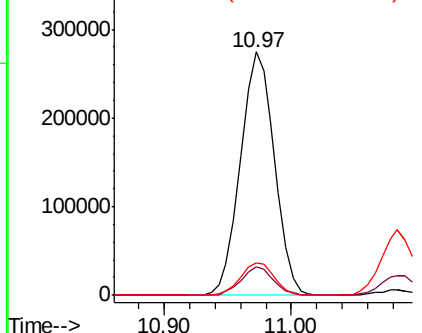
#31
Naphthalene
Concen: 40.761 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:128 Resp: 509870
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 11.1 16.7

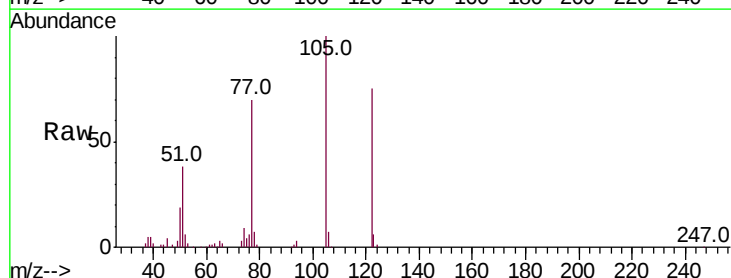


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

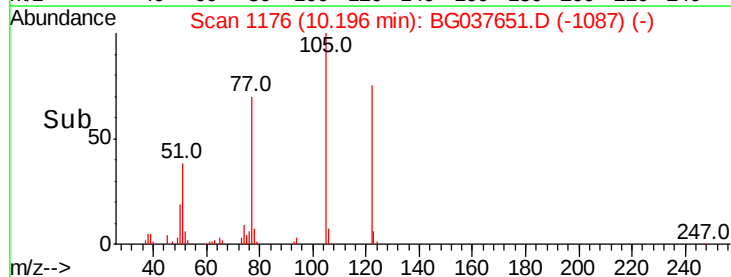
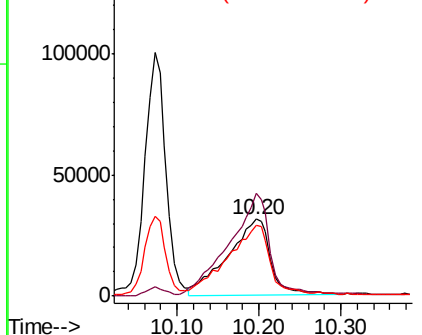


#32
Benzoic acid
Concen: 46.113 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:122 Resp: 113774
Ion Ratio Lower Upper
122 100
105 133.3 106.7 146.7
77 93.0 72.2 112.2



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

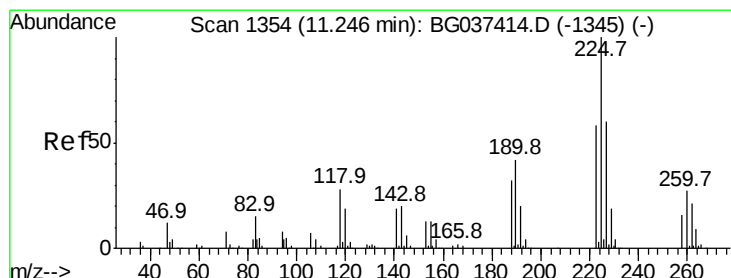
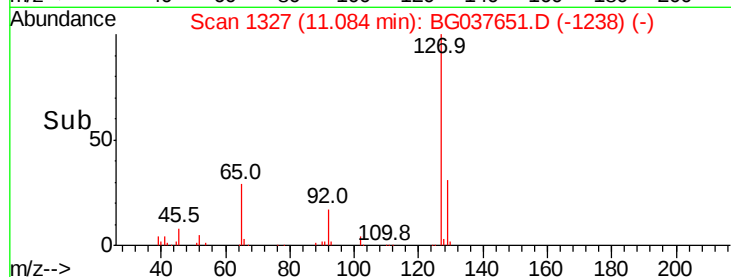
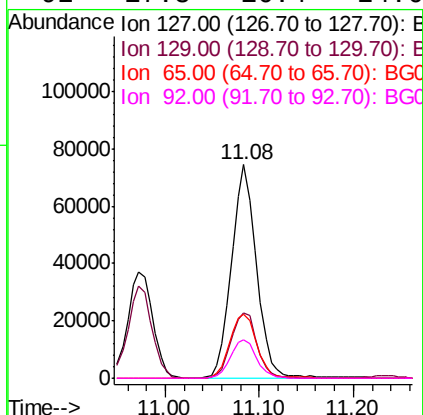
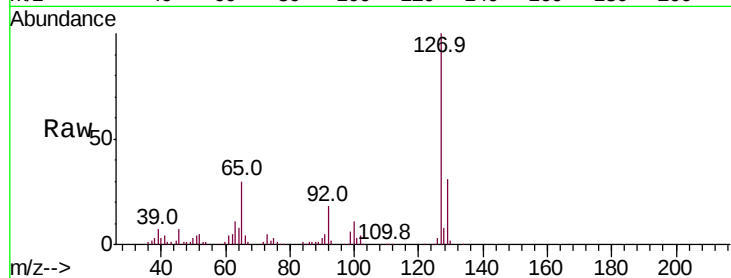




#33
4-Chloroaniline
Concen: 23.375 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

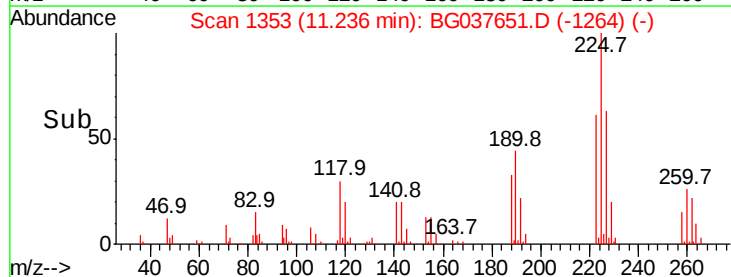
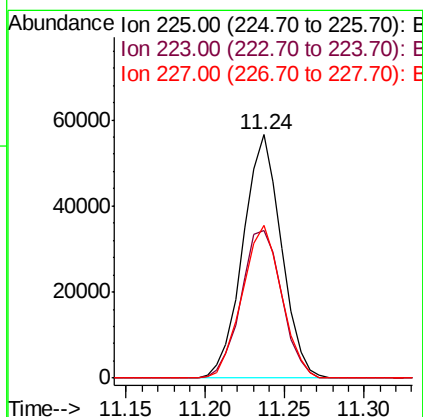
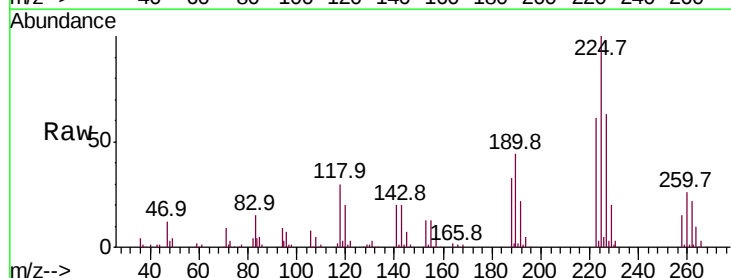
Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:	127	Resp:	137380
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.1	40.7
65	29.8	26.6	39.8
92	17.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 34.898 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:	225	Resp:	95131
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	62.2	51.6	77.4





#35

Caprolactam

Concen: 39.052 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

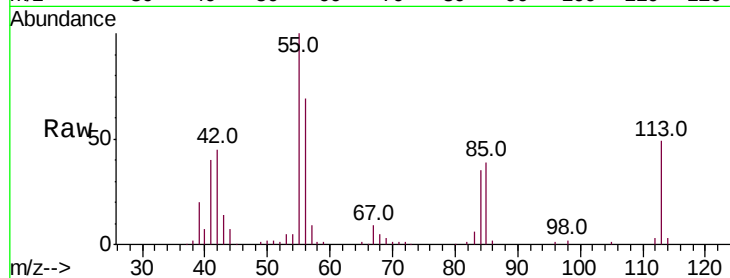
Tot Ion:113 Resp: 66244

Ion Ratio Lower Upper

113 100

55 202.8 176.6 216.6

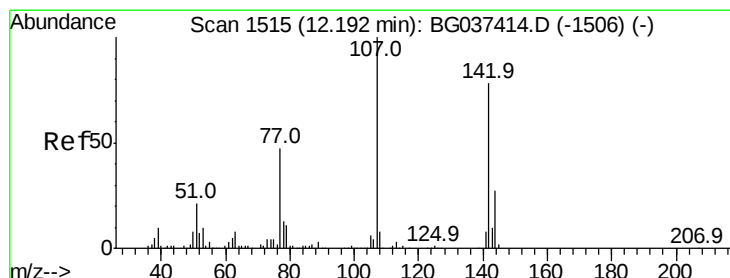
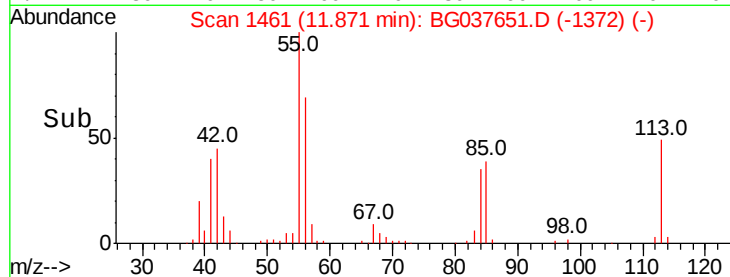
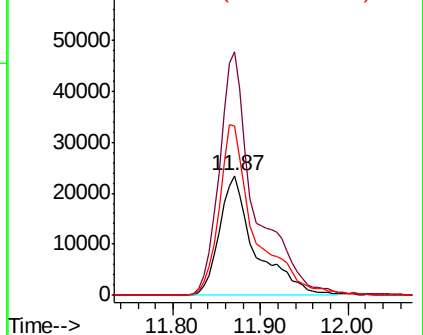
56 140.7 128.3 168.3



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: 41.568 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

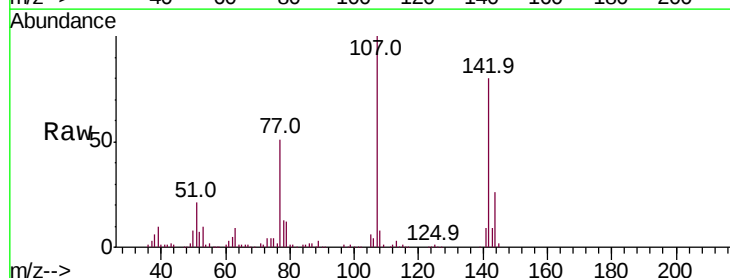
Tgt Ion:107 Resp: 198273

Ion Ratio Lower Upper

107 100

144 25.5 20.7 31.1

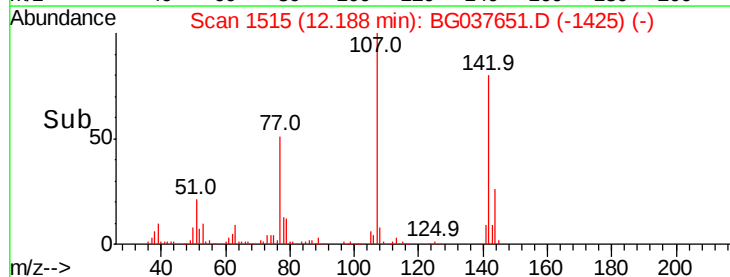
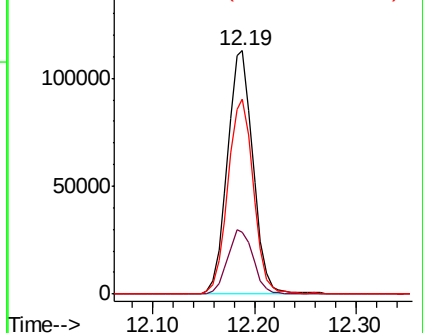
142 79.9 64.4 96.6



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: 42.729 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

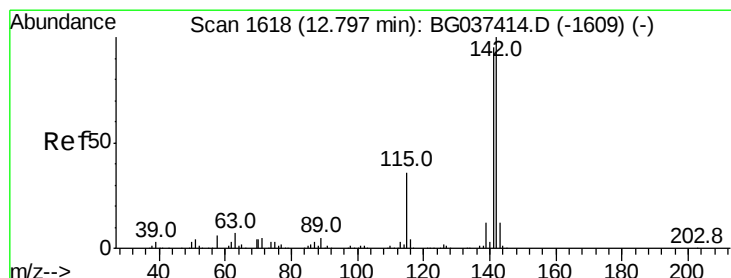
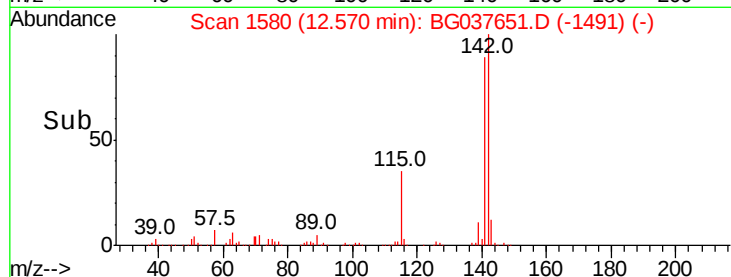
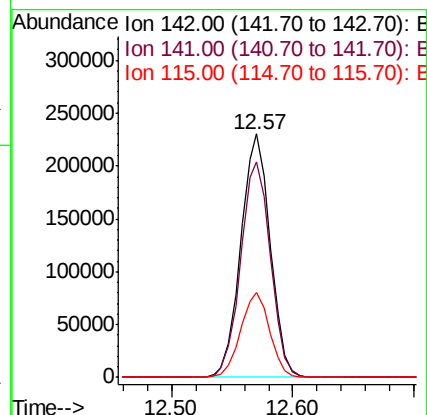
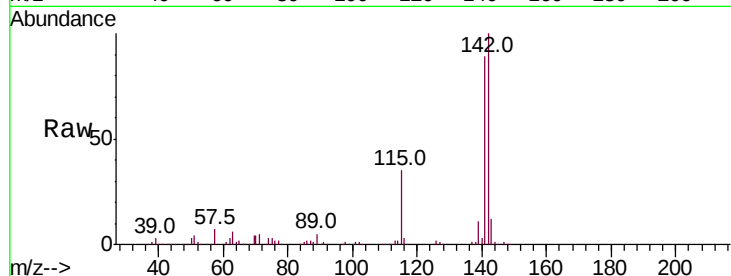
Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:142 Resp: 389616

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	34.9	27.8	41.8



#38

1-Methylnaphthalene

Concen: 41.661 ng

RT: 12.79 min Scan# 1617

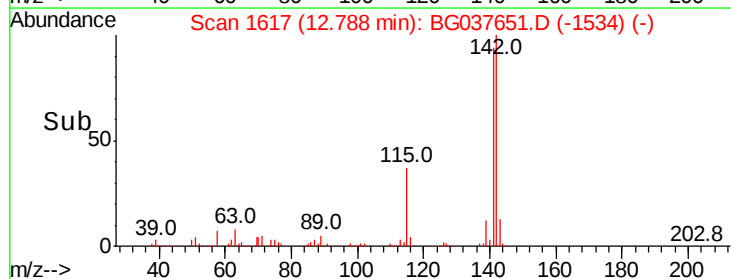
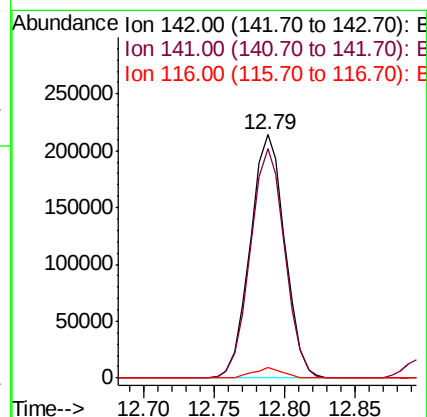
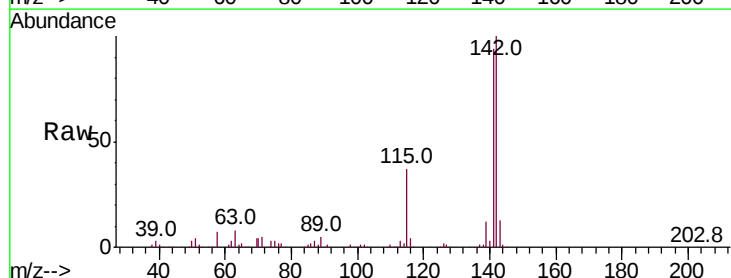
Delta R.T. -0.01 min

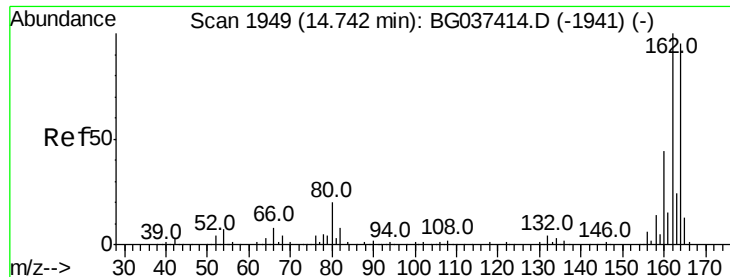
Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Tgt Ion:142 Resp: 368918

Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

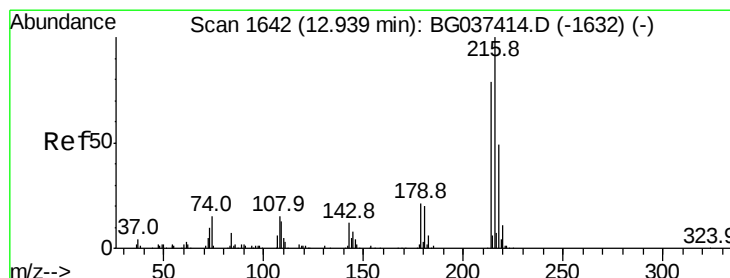
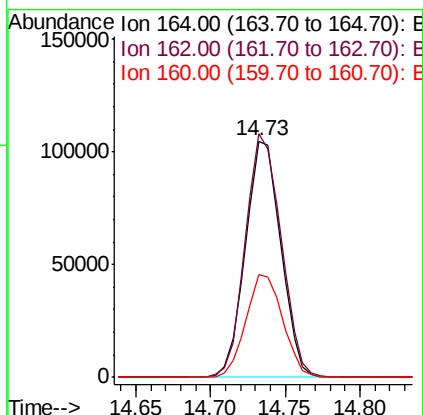
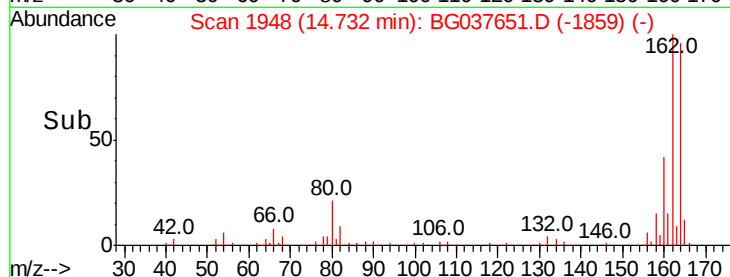
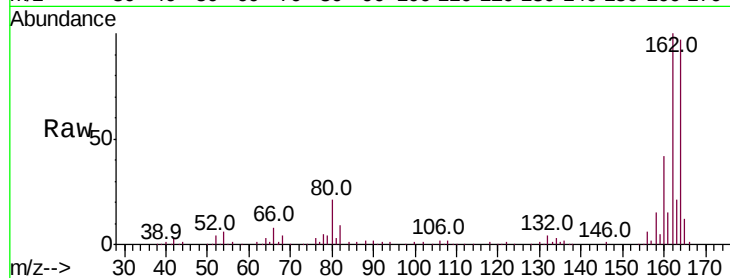
Tot Ion:164 Resp: 171163

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 43.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.788 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Tgt Ion:216 Resp: 197581

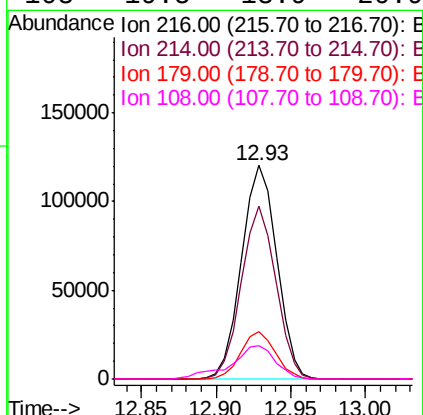
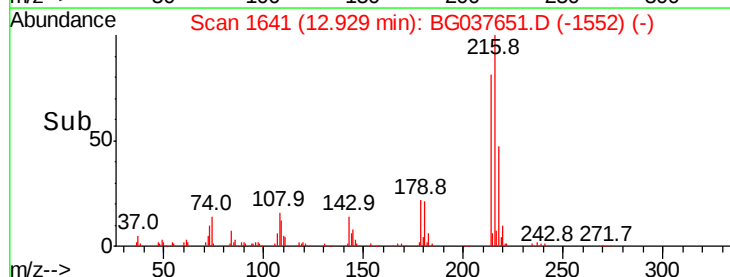
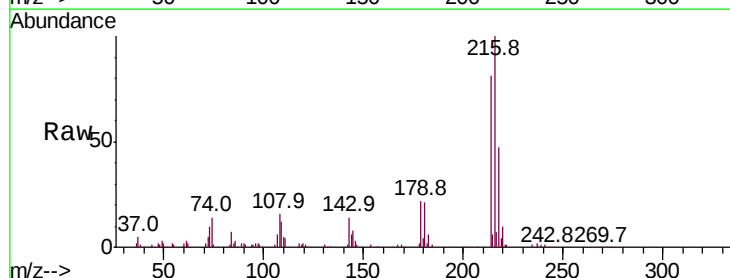
Ion Ratio Lower Upper

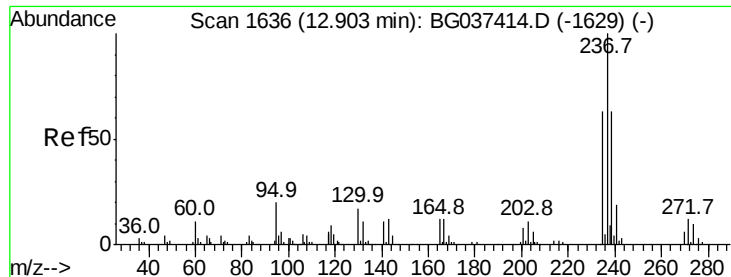
216 100

214 79.1 63.8 95.6

179 21.5 17.4 26.0

108 19.5 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 88.943 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

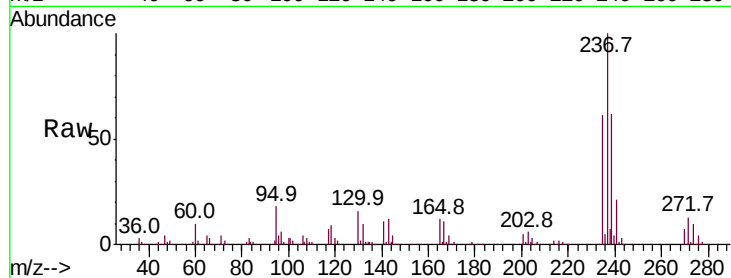
Tot Ion:237 Resp: 234560

Ion Ratio Lower Upper

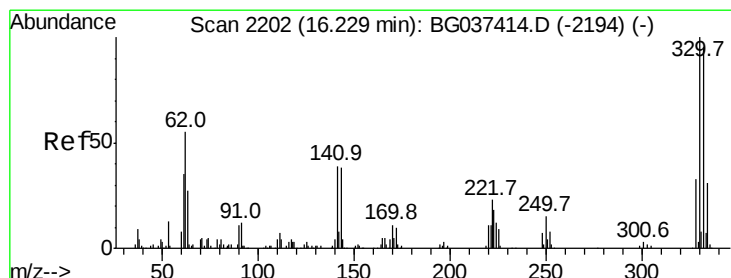
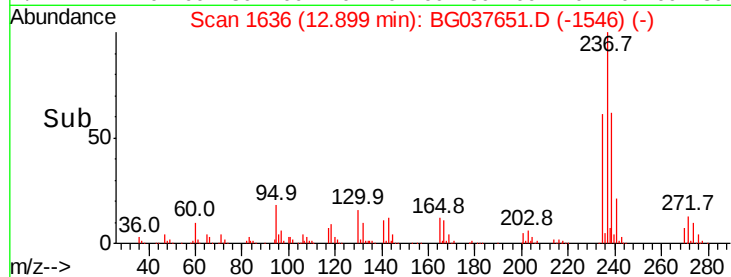
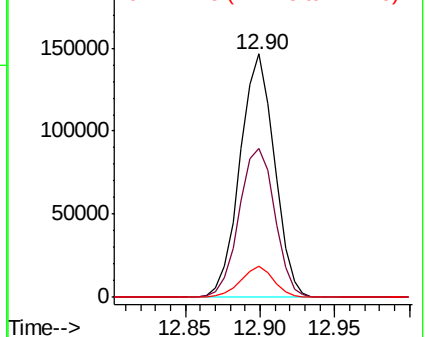
237 100

235 61.4 42.5 82.5

272 12.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.005 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

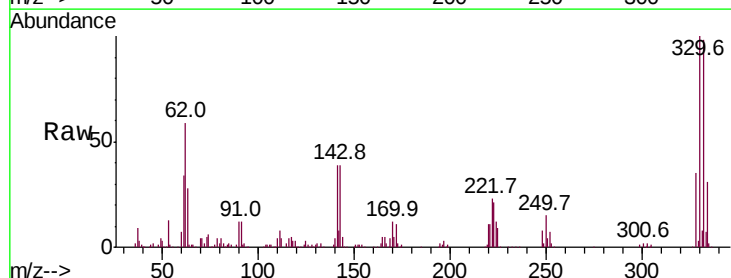
Tgt Ion:330 Resp: 231500

Ion Ratio Lower Upper

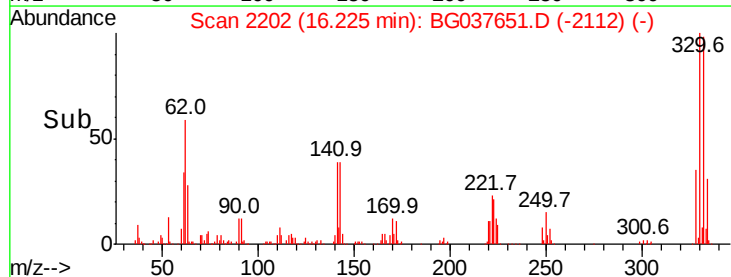
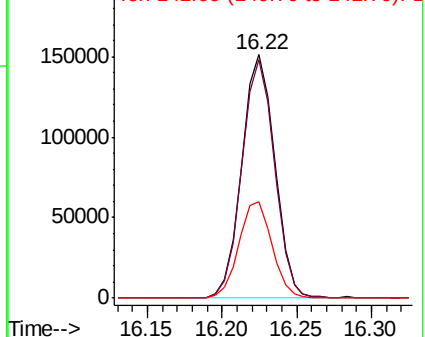
330 100

332 97.2 78.4 117.6

141 40.0 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

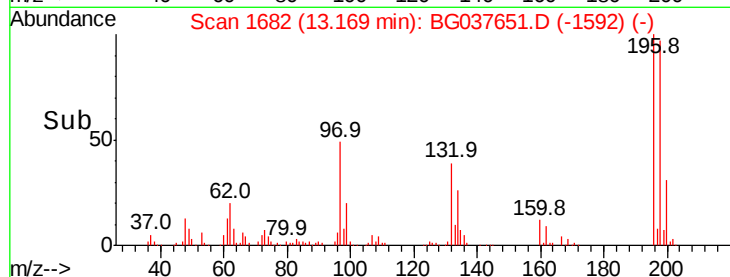
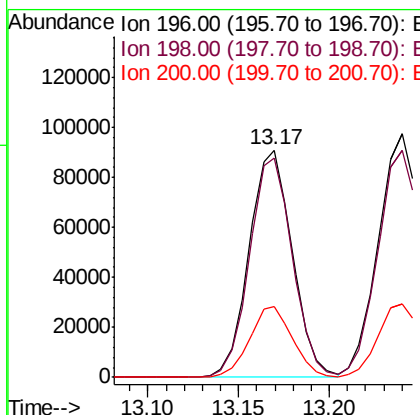
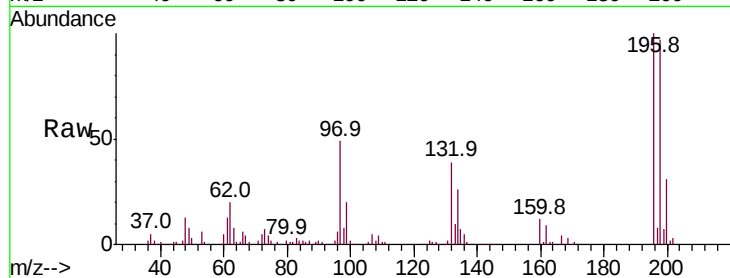




#43
 2,4,6-Trichlorophenol
 Concen: 40.717 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

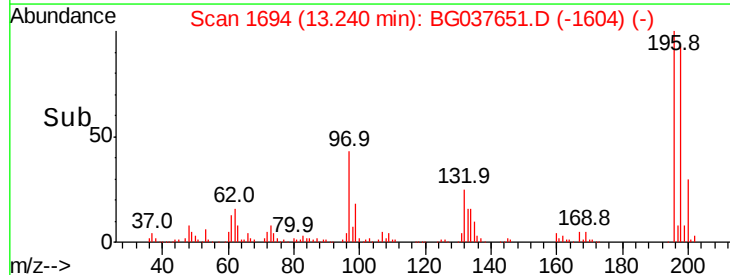
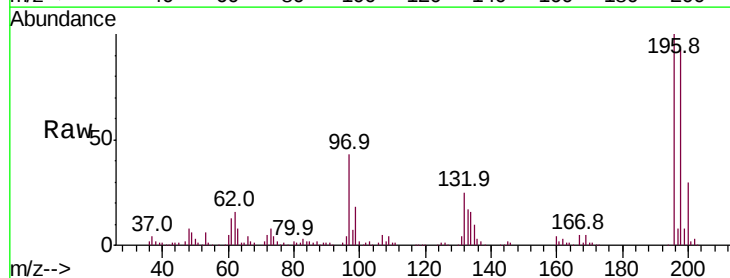
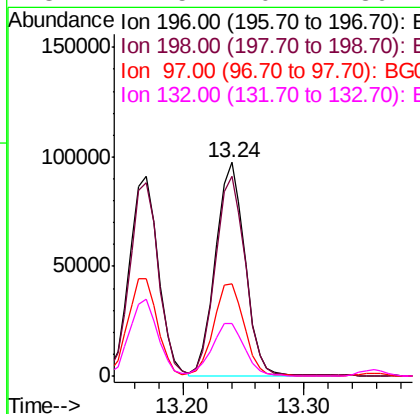
Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
200	31.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.028 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.2
97	43.2	34.1	51.1
132	24.5	20.2	30.4

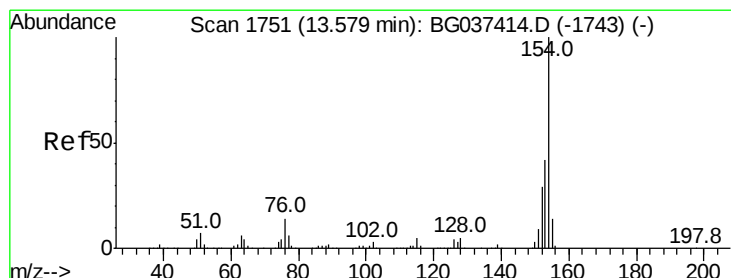
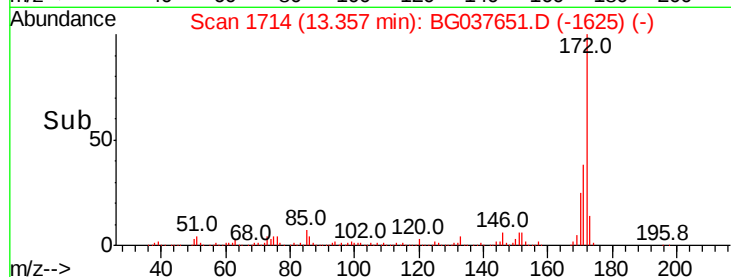
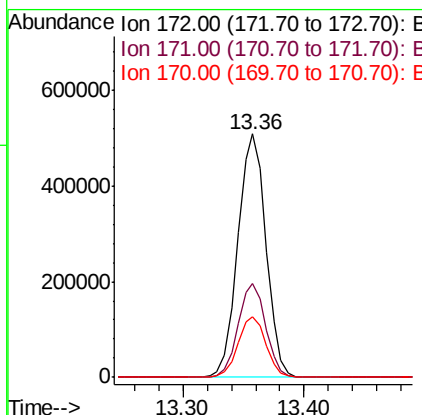
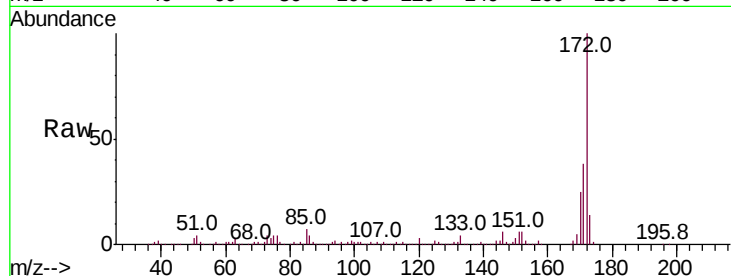




#45
2-Fluorobiphenyl
Concen: 72.506 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

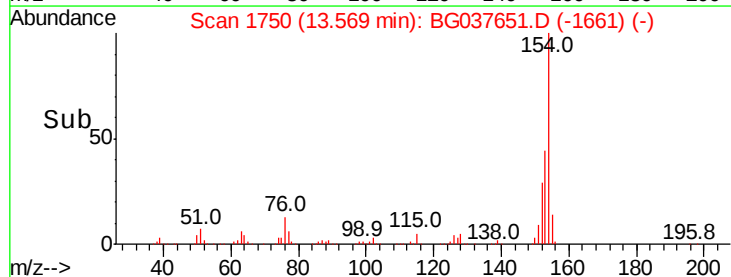
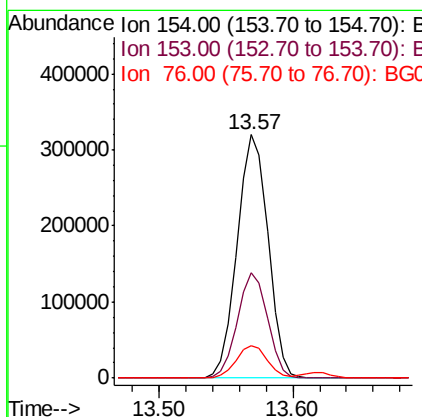
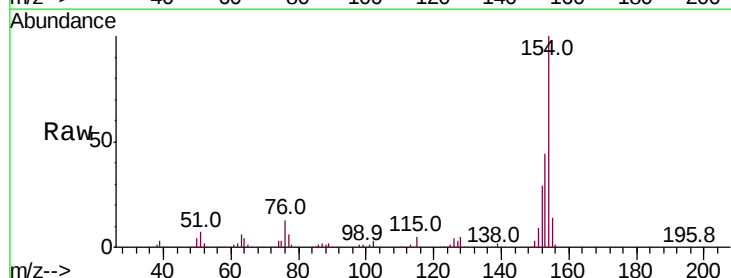
Instrument :
BNA_G
ClientSampleId :
PB114295BS

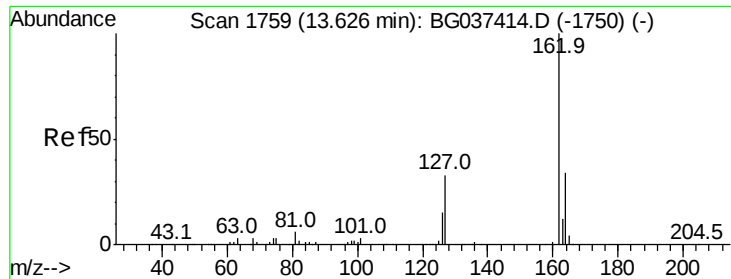
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2



#46
1,1'-Biphenyl
Concen: 36.095 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.1	62.1
76	13.4	0.0	33.2

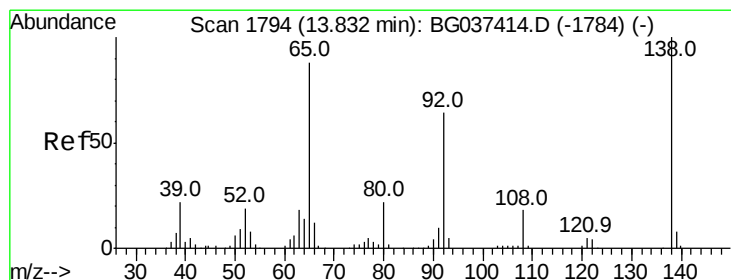
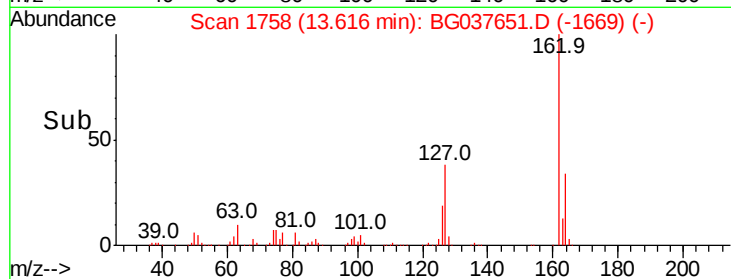
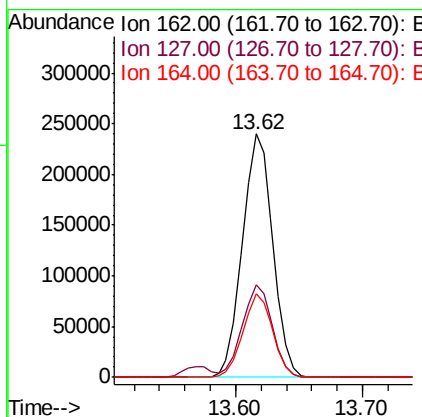
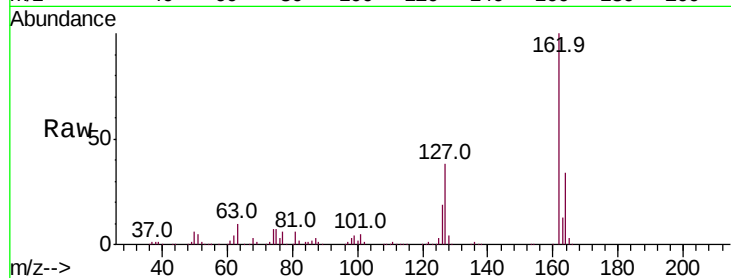




#47
2-Chloronaphthalene
Concen: 37.122 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

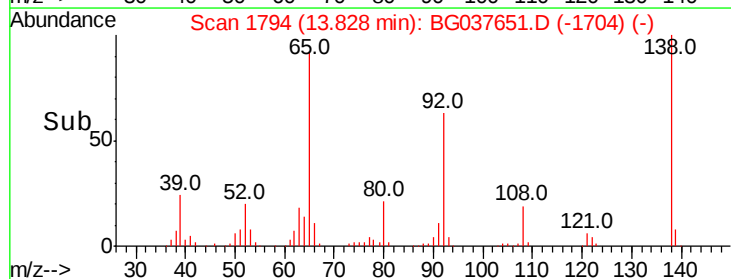
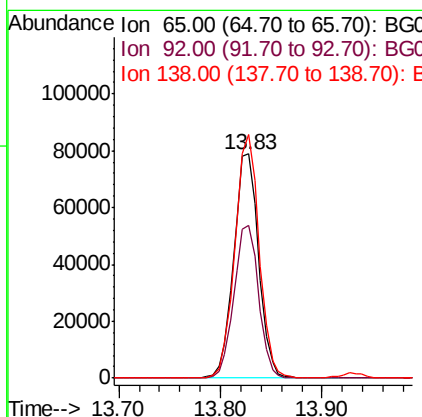
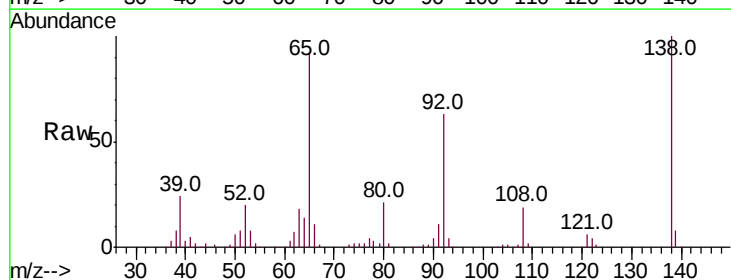
Instrument :
BNA_G
ClientSampleId :
PB114295BS

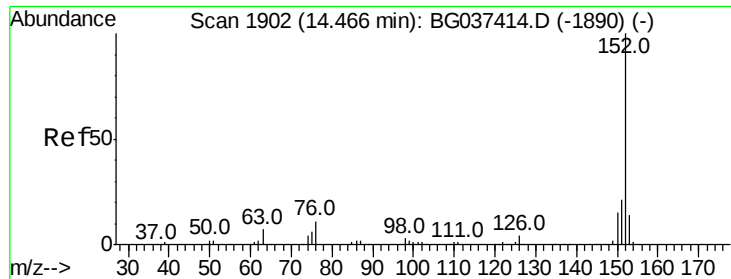
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.5	45.7
164	34.5	26.4	39.6



#48
2-Nitroaniline
Concen: 41.384 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.2	79.8
138	108.6	79.3	118.9





#49

Acenaphthylene

Concen: 41.461 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

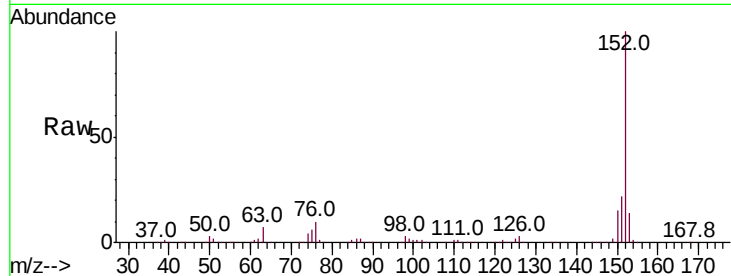
Tot Ion:152 Resp: 668849

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

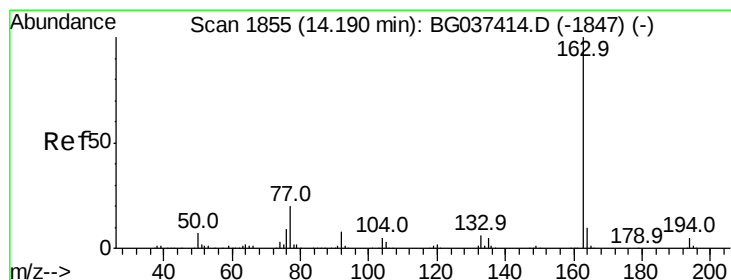
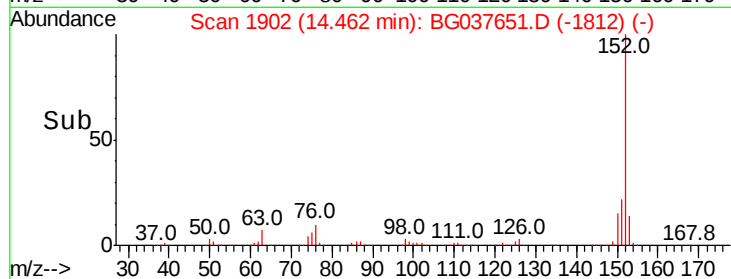
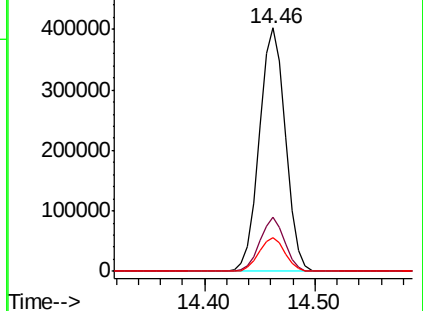
153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.138 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

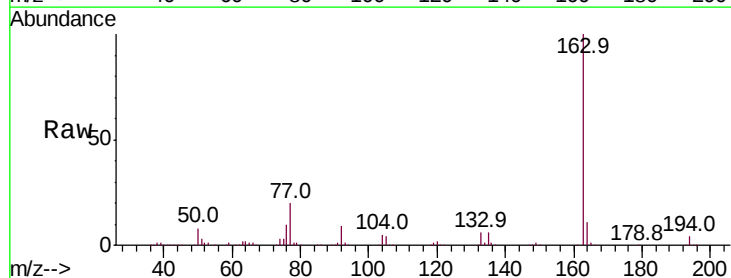
Tgt Ion:163 Resp: 518247

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

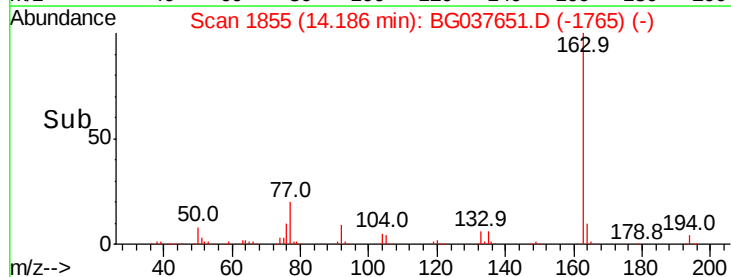
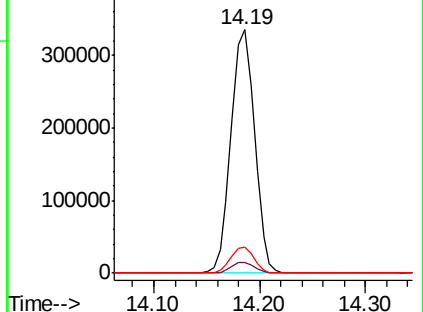
164 10.5 8.5 12.7

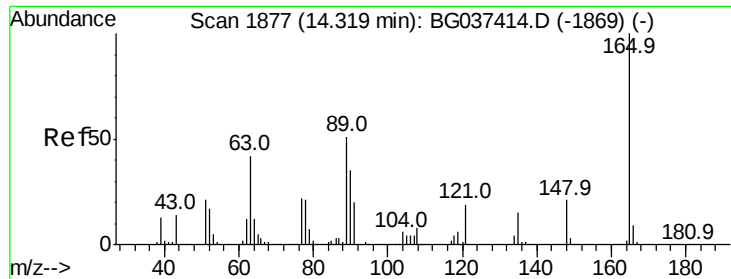


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

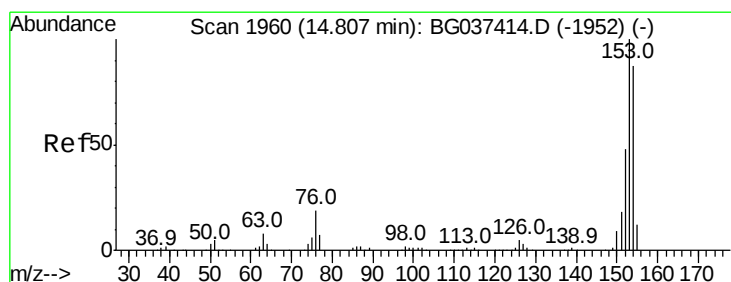
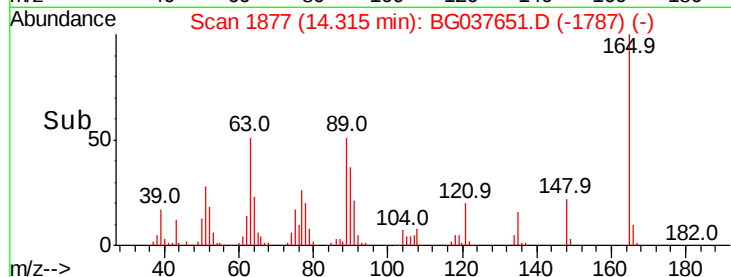
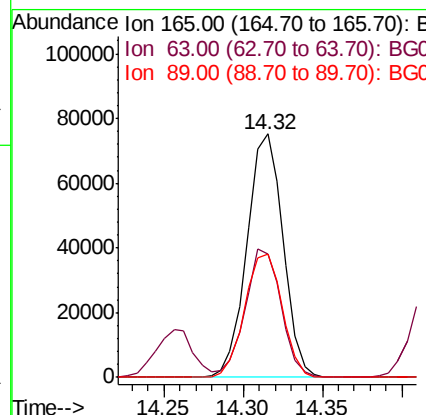
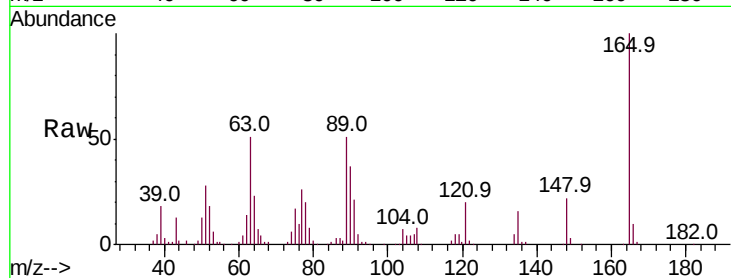




#51
 2,6-Dinitrotoluene
 Concen: 40.595 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

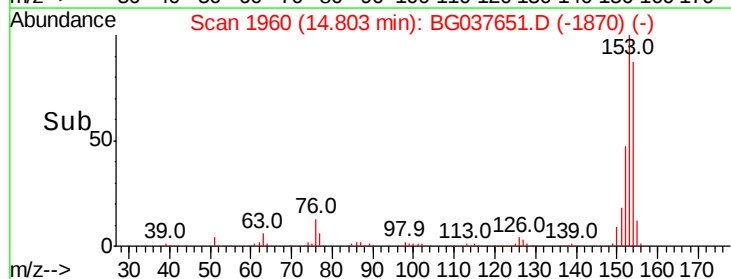
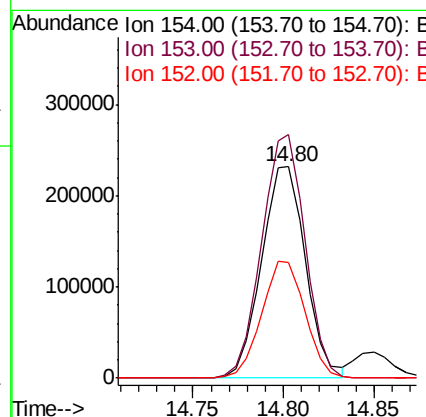
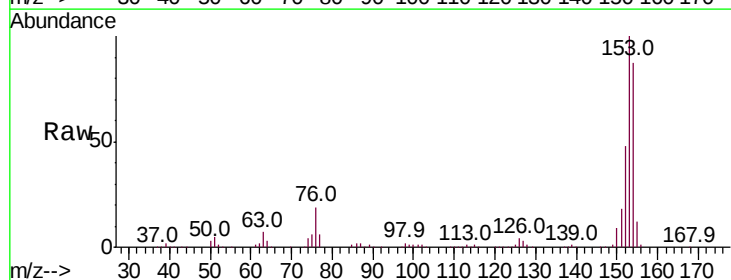
Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

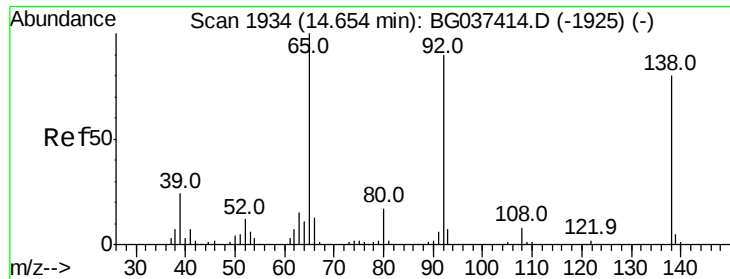
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	43.4	65.2
89	50.7	45.8	68.6



#52
 Acenaphthene
 Concen: 39.325 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	93.4	140.0
152	55.0	44.7	67.1

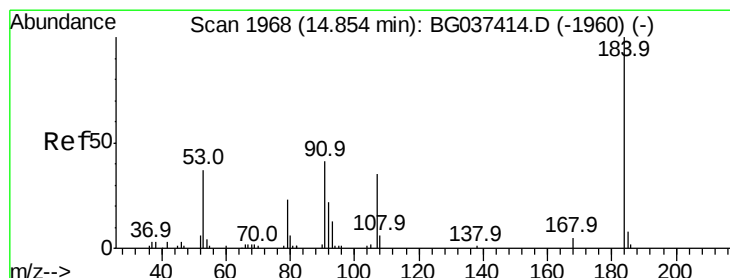
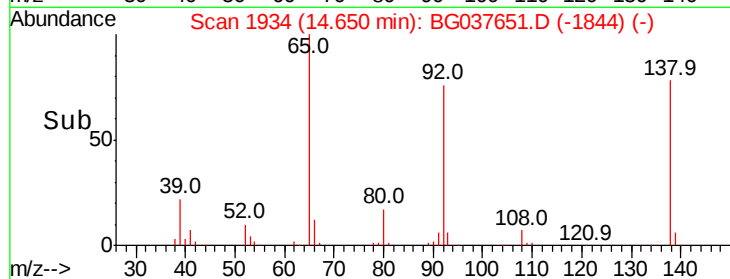
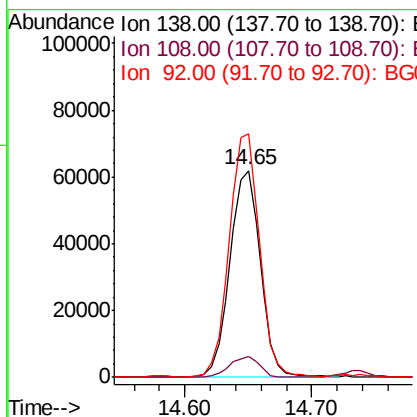
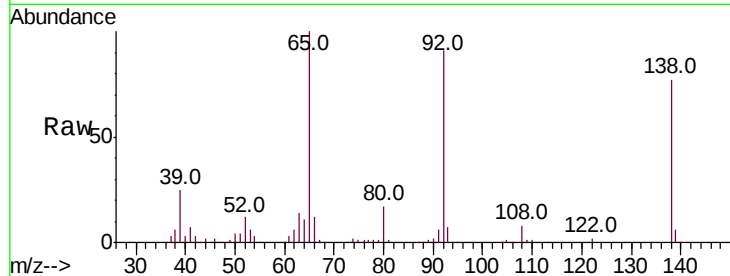




#53
 3-Nitroaniline
 Concen: 31.618 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

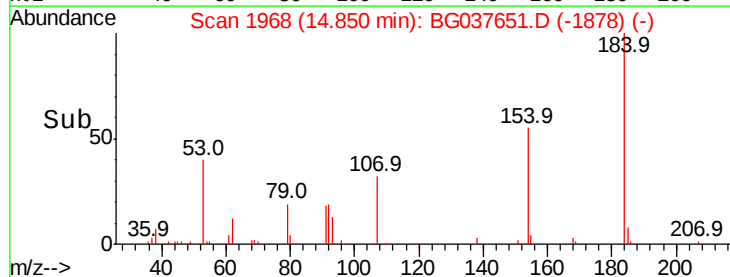
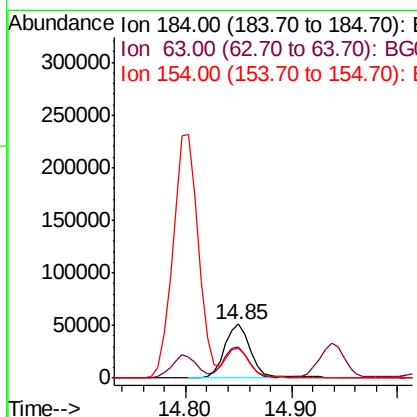
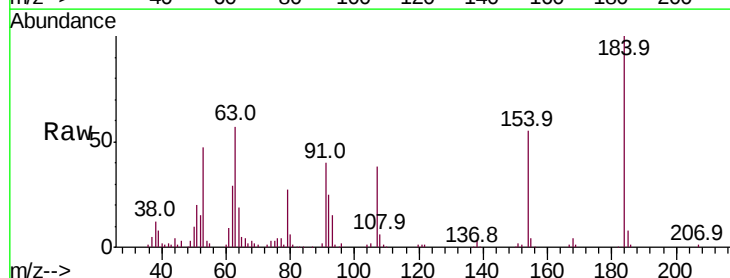
Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

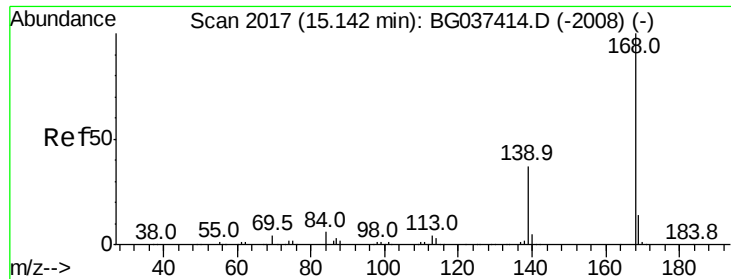
Tot Ion:138 Resp: 102819
 Ion Ratio Lower Upper
 138 100
 108 9.9 11.0 16.6#
 92 117.5 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 72.751 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion:184 Resp: 88899
 Ion Ratio Lower Upper
 184 100
 63 56.9 42.6 63.8
 154 55.1 41.8 62.6

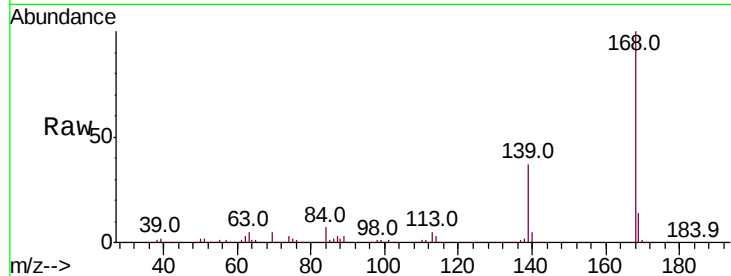




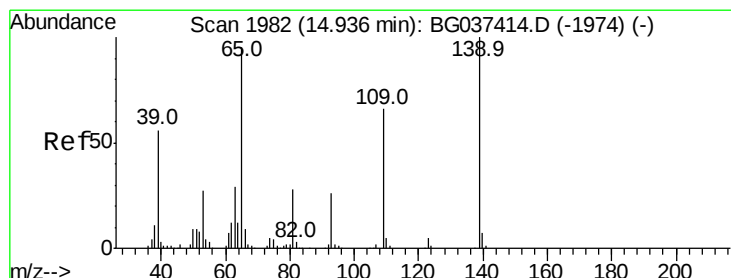
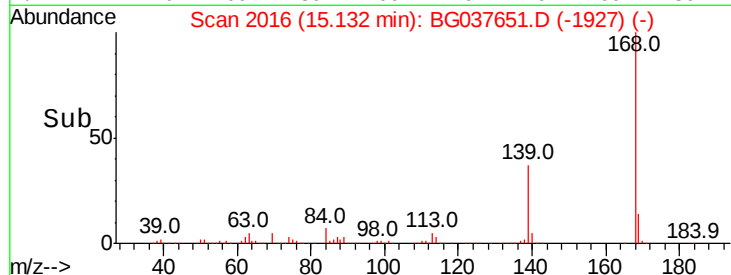
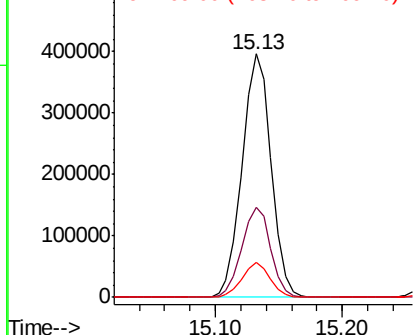
#55
Dibenzofuran
Concen: 38.118 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:168 Resp: 627463
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 14.4 11.0 16.6

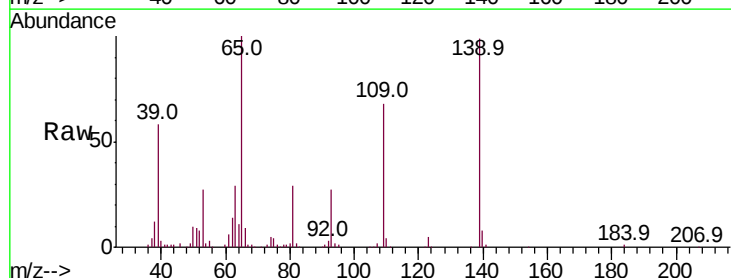


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

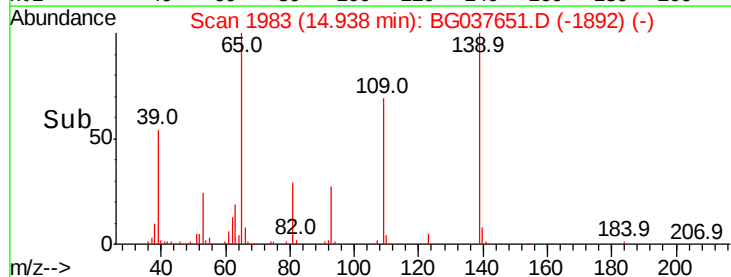
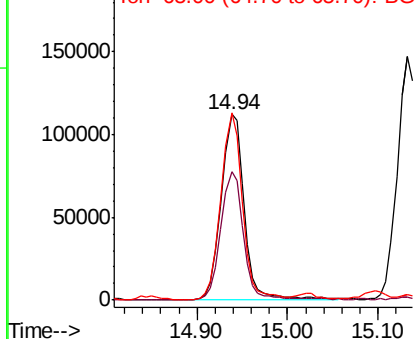


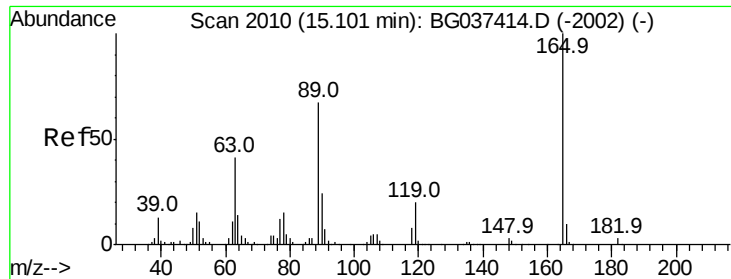
#56
4-Nitrophenol
Concen: 82.384 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:139 Resp: 198303
Ion Ratio Lower Upper
139 100
109 68.9 49.5 89.5
65 100.6 76.8 116.8



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

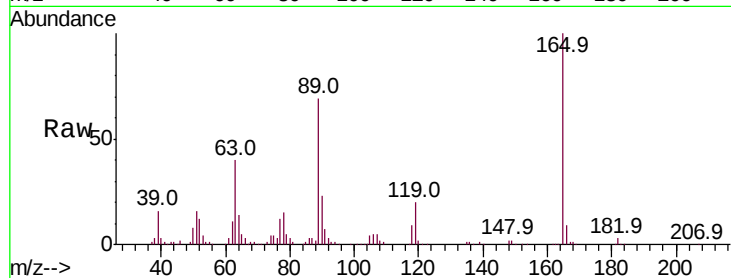




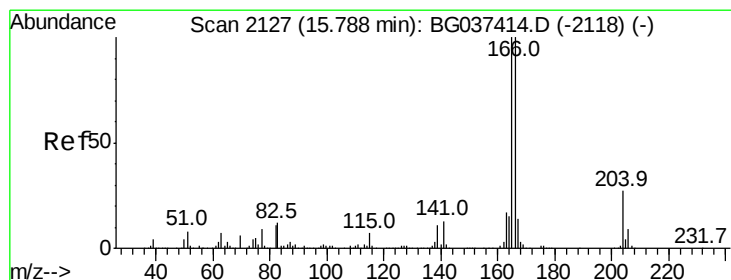
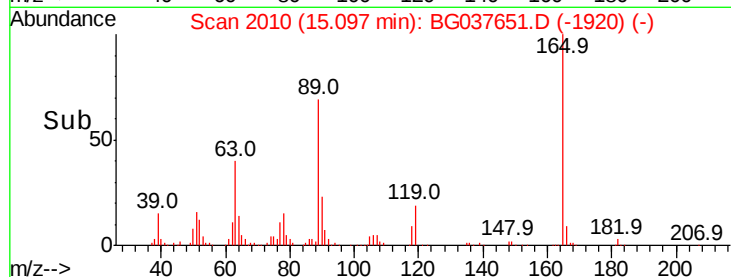
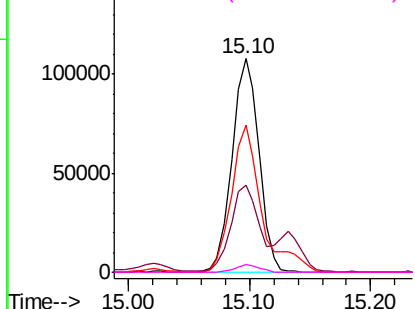
#57
2,4-Dinitrotoluene
Concen: 43.441 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:165 Resp: 167040
Ion Ratio Lower Upper
165 100
63 40.5 33.4 50.0
89 68.7 57.2 85.8
182 3.4 2.6 4.0

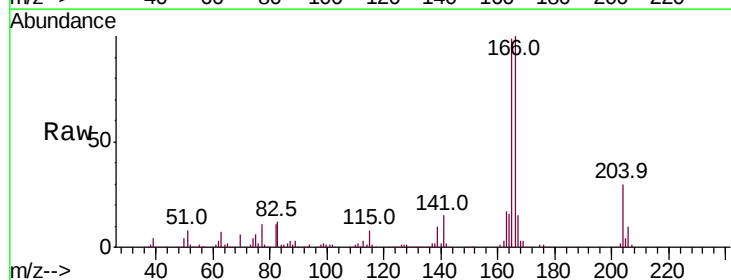


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

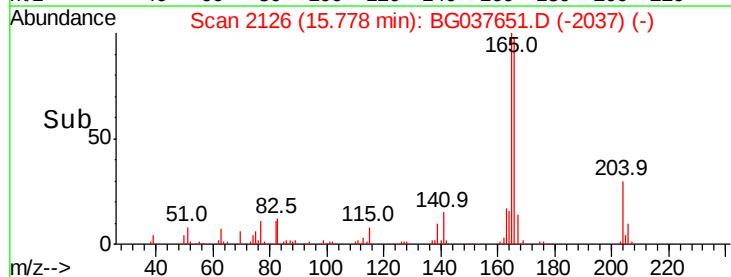
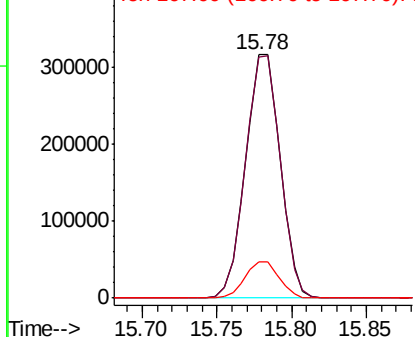


#58
Fluorene
Concen: 41.244 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:166 Resp: 508408
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 15.1 11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.799 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

Tot Ion:232 Resp: 143721

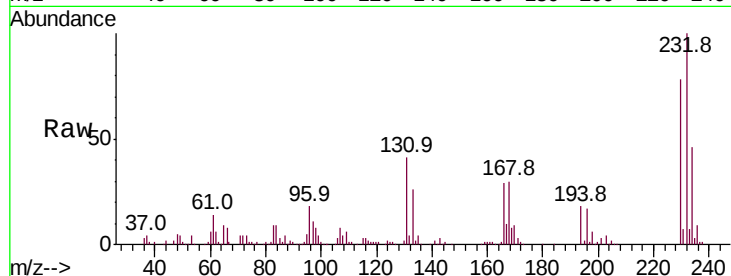
Ion Ratio Lower Upper

232 100

131 42.4 33.7 50.5

130 2.4 2.1 3.1

166 31.2 24.6 36.8

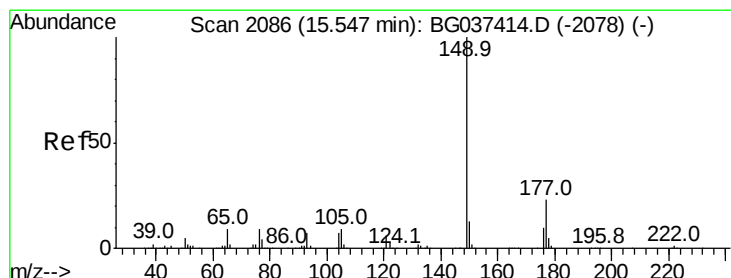
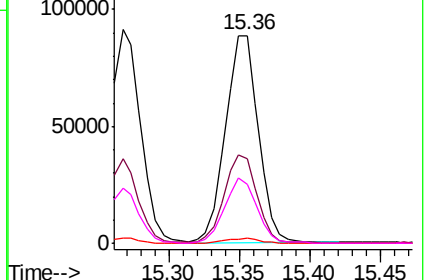
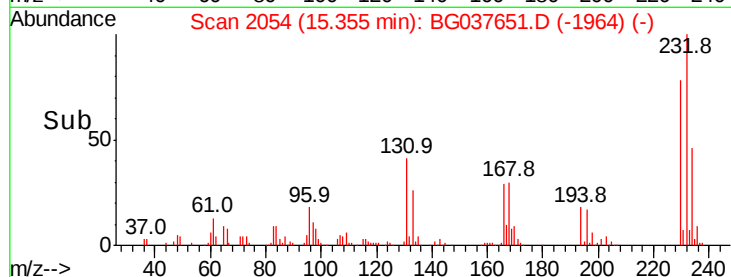


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.790 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

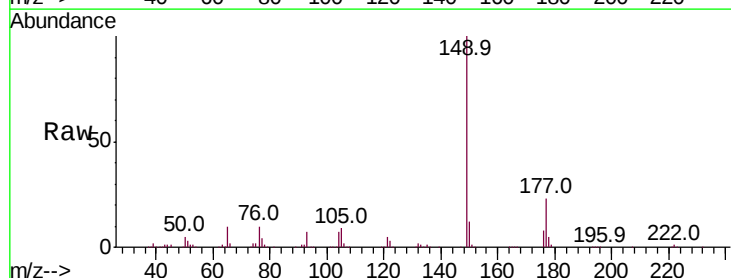
Tgt Ion:149 Resp: 540918

Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

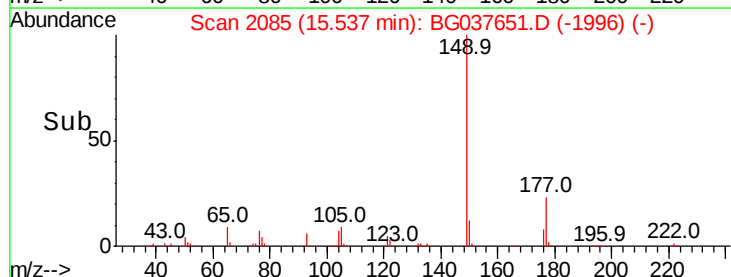
150 12.3 10.0 15.0



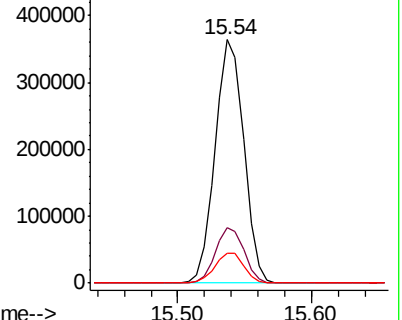
Abundance Ion 149.00 (148.70 to 149.70): E

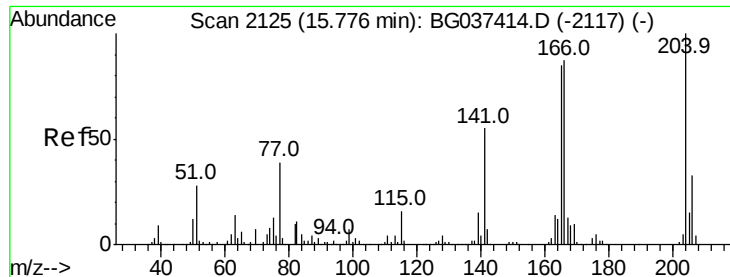
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

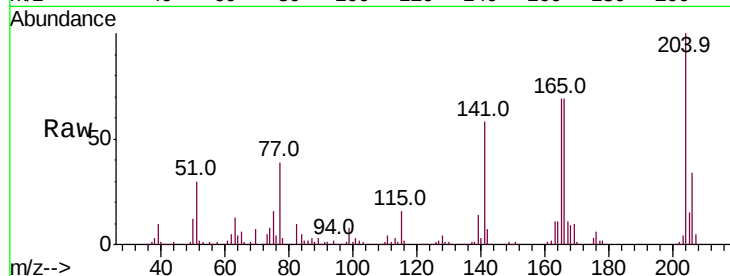




#61
4-Chlorophenyl-phenylether
Concen: 36.962 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	57.5	45.4	68.2

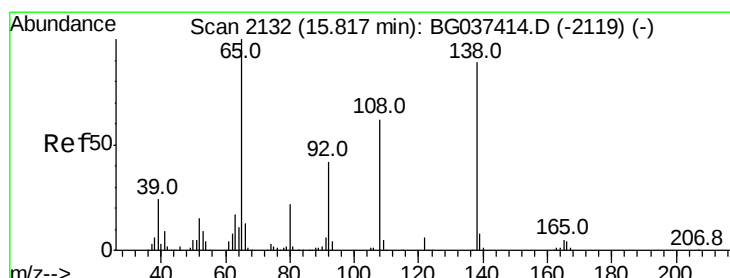
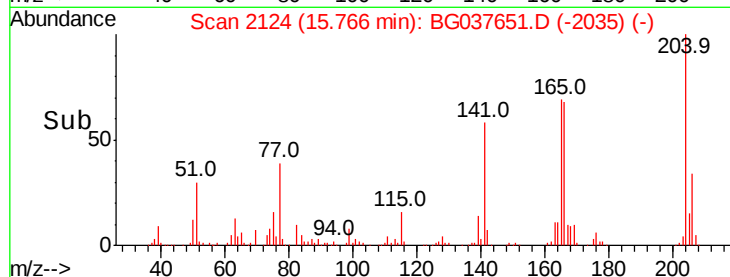
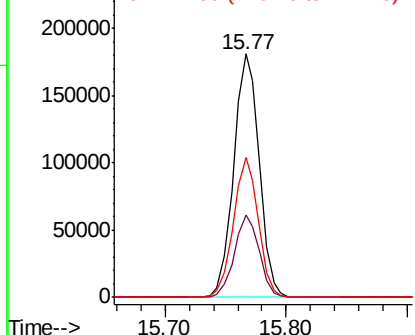


Abundance

Ion 204.00 (203.70 to 204.70): E

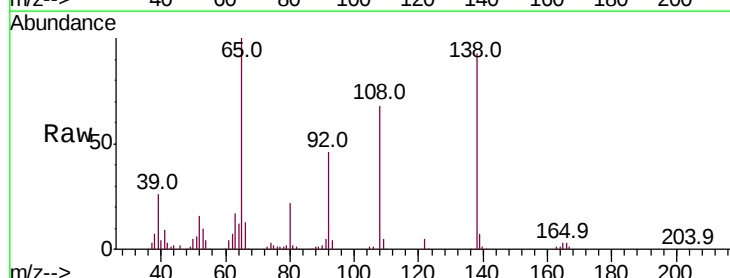
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.544 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	36.4	76.4
108	73.1	60.1	100.1

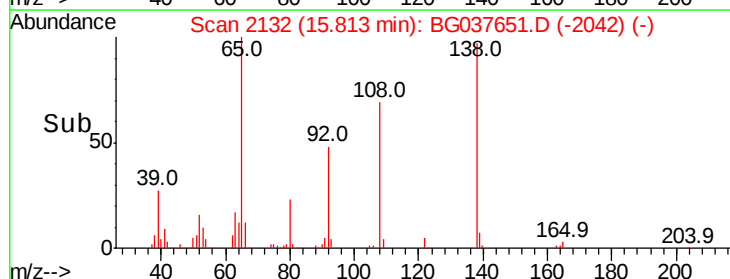
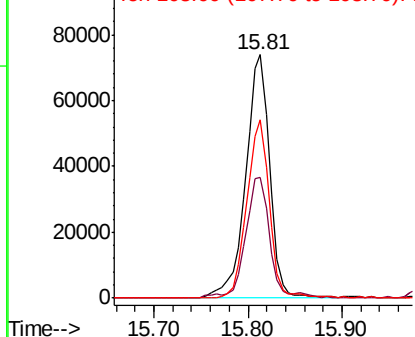


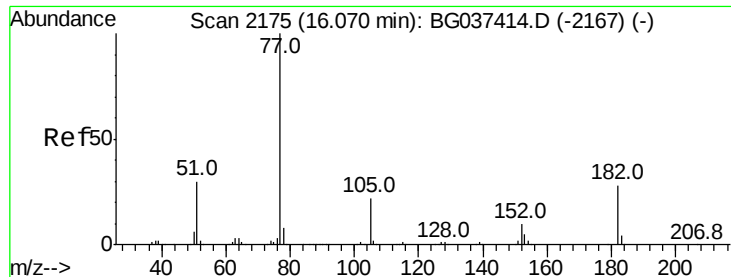
Abundance

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





#63

Azobenzene

Concen: 39.546 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

Tot Ion: 77 Resp: 512933

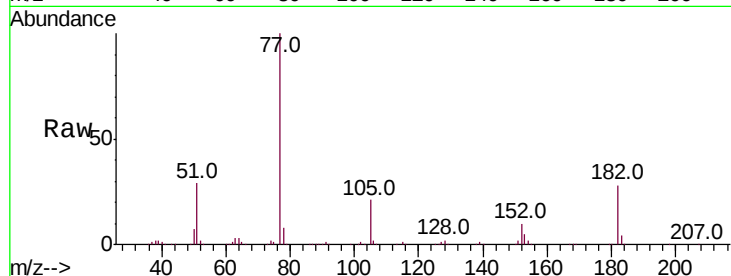
Ion Ratio Lower Upper

77 100

182 27.7 8.0 48.0

105 21.4 1.3 41.3

51 29.2 10.7 50.7

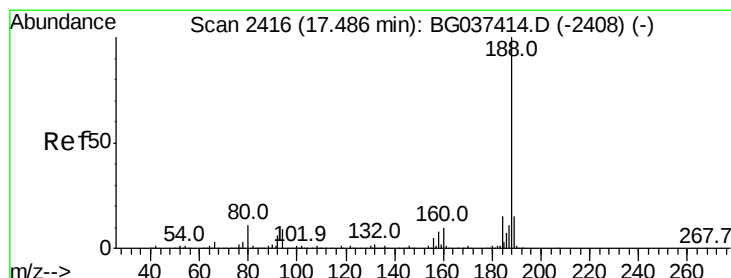
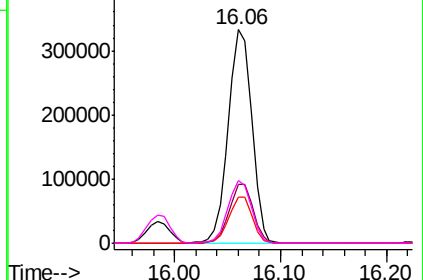
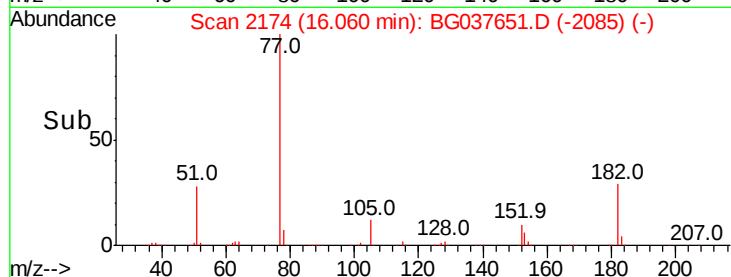


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

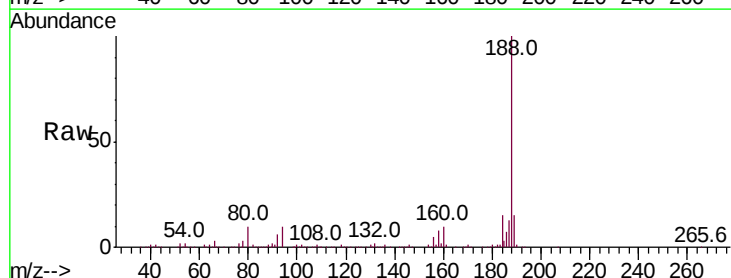
Tgt Ion: 188 Resp: 409278

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

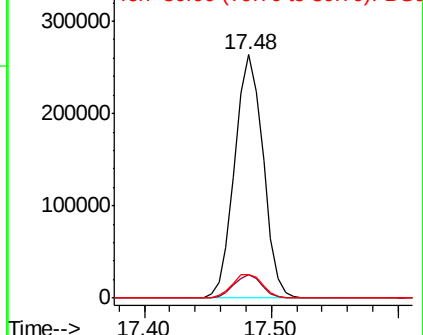
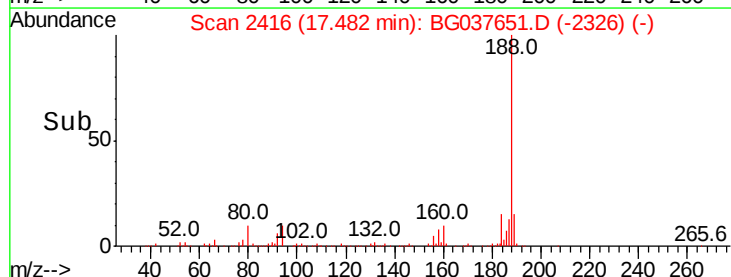
80 9.5 7.7 11.5

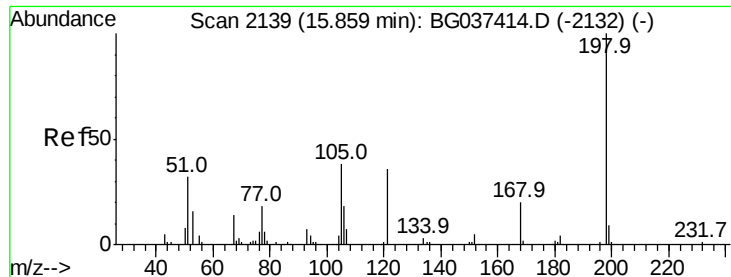


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.859 ng

RT: 15.85 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

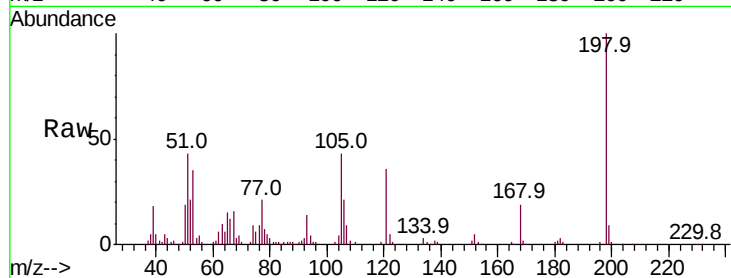
Tot Ion:198 Resp: 81840

Ion	Ratio	Lower	Upper
198	100		
51	43.1	22.7	62.7
105	42.6	19.7	59.7

198 100

51 43.1 22.7 62.7

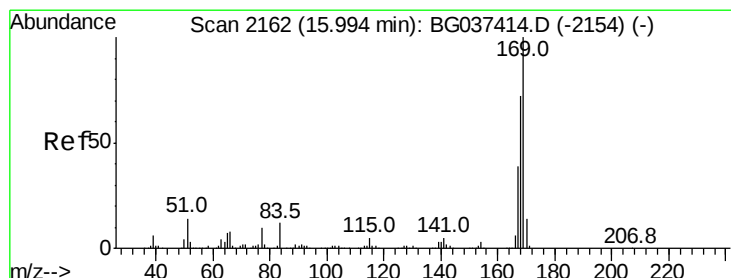
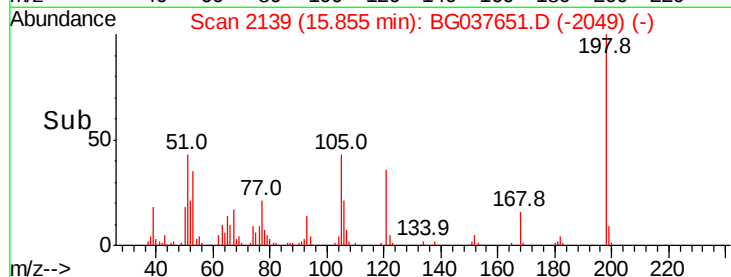
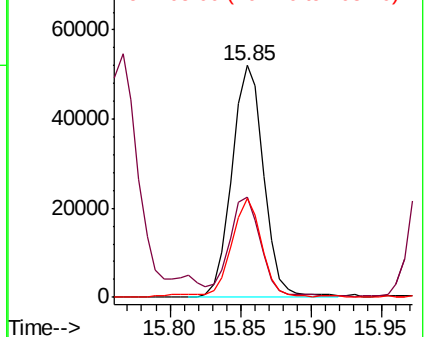
105 42.6 19.7 59.7



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



#66

n-Nitrosodiphenylamine

Concen: 38.323 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

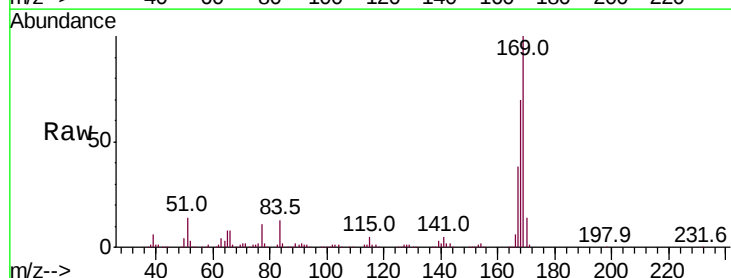
Tgt Ion:169 Resp: 471806

Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.7	83.5
167	38.0	31.3	46.9

169 100

168 70.0 55.7 83.5

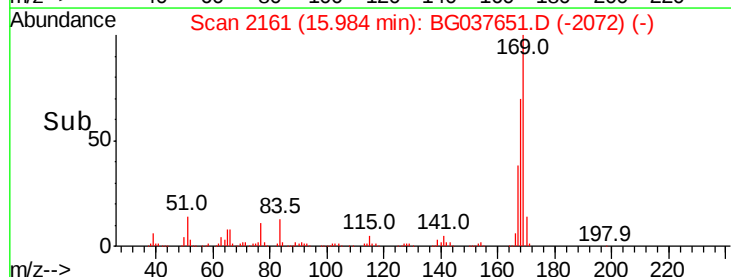
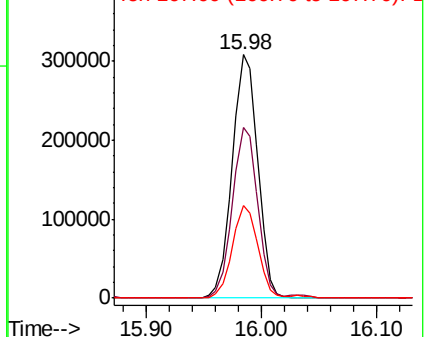
167 38.0 31.3 46.9

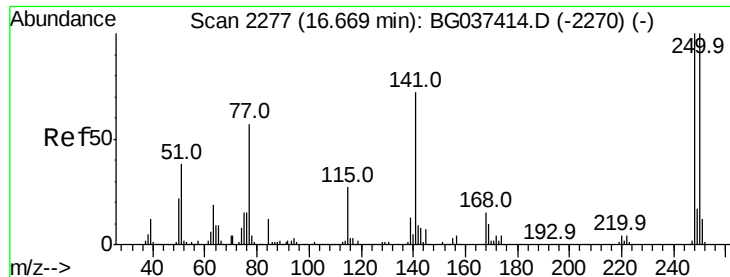


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

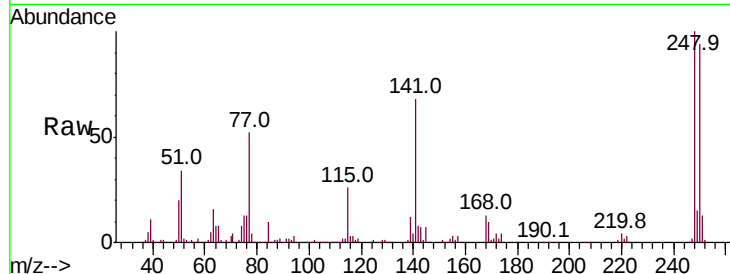




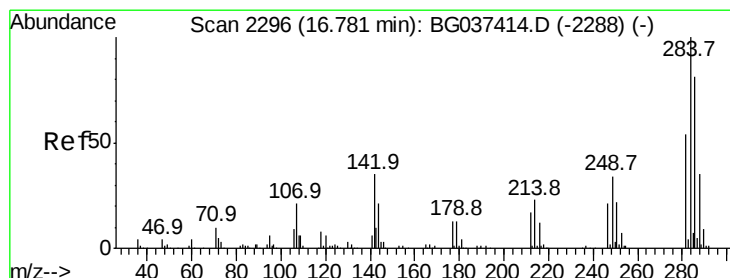
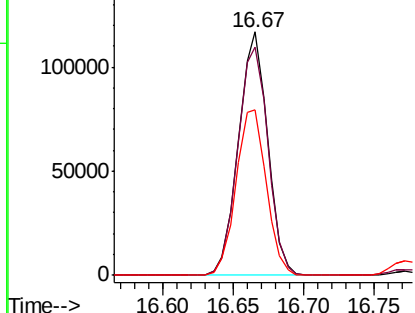
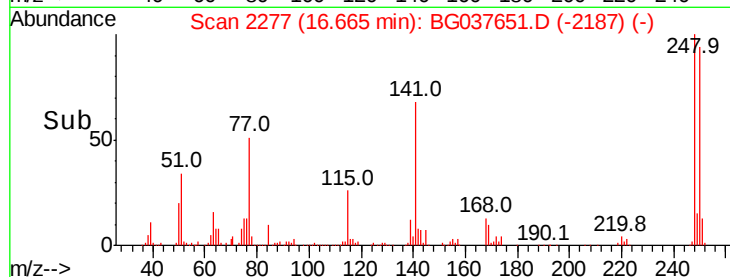
#67
 4-Bromophenyl-phenylether
 Concen: 37.480 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

Tot Ion:248 Resp: 168454
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.0 115.6
 141 67.8 55.5 83.3

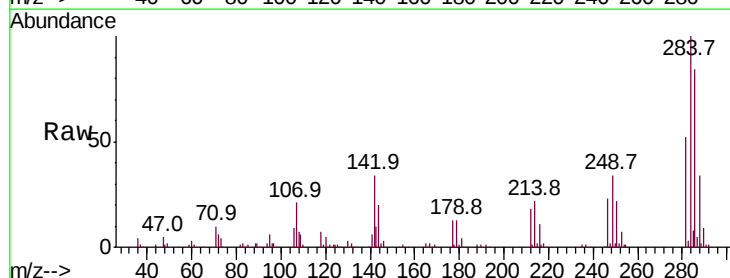


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

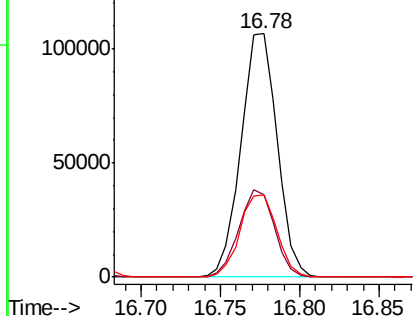
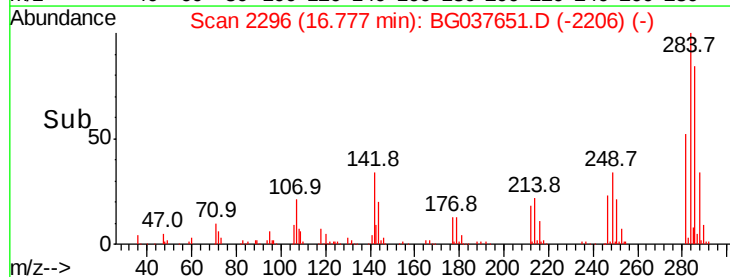


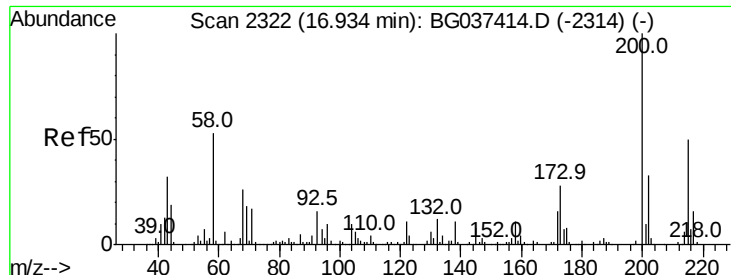
#68
 Hexachlorobenzene
 Concen: 36.329 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion:284 Resp: 169228
 Ion Ratio Lower Upper
 284 100
 142 34.0 28.1 42.1
 249 36.2 29.8 44.8



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

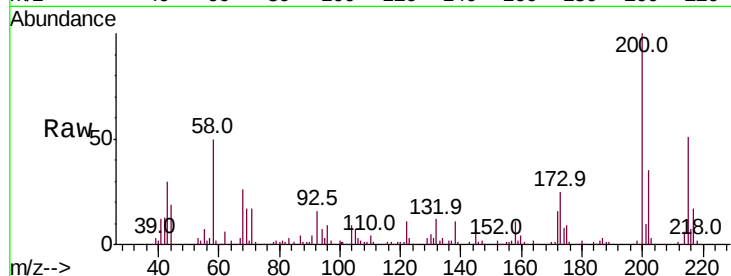




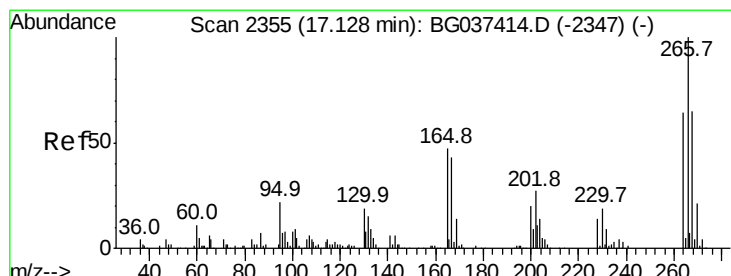
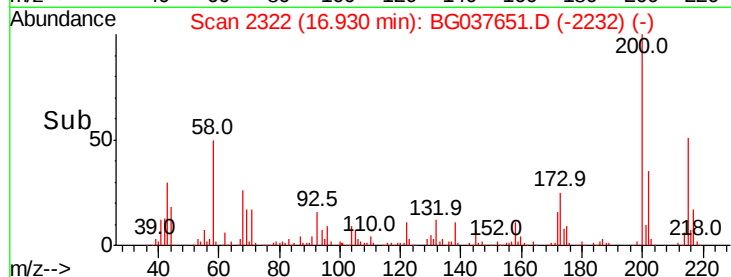
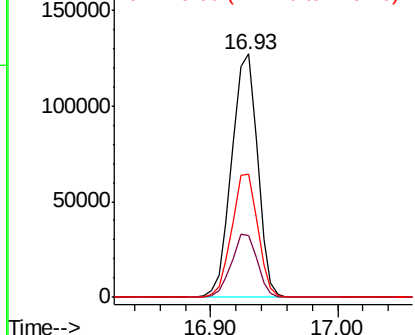
#69
 Atrazine
 Concen: 40.119 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB114295BS

Tot Ion:200 Resp: 178573
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.1 46.1
 215 50.8 30.8 70.8

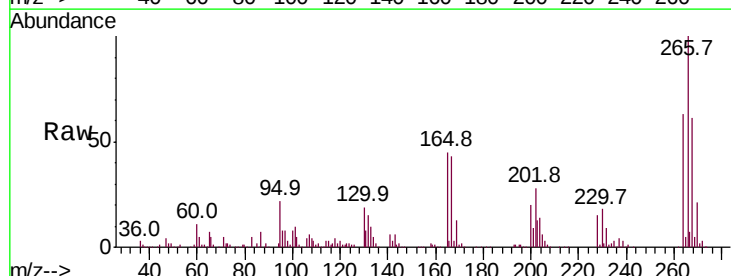


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

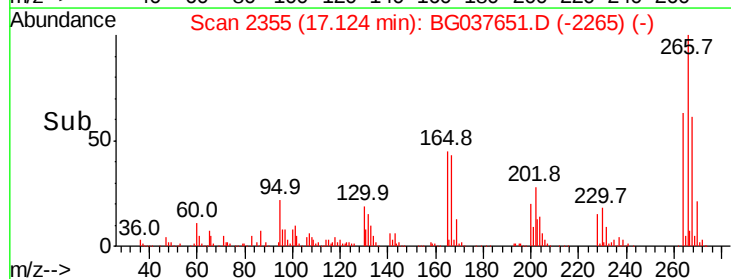
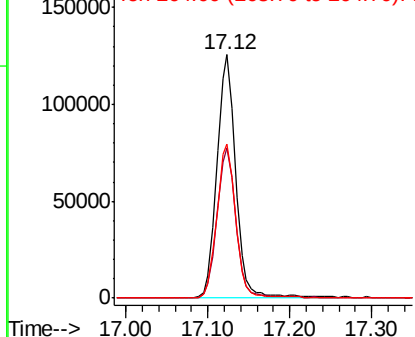


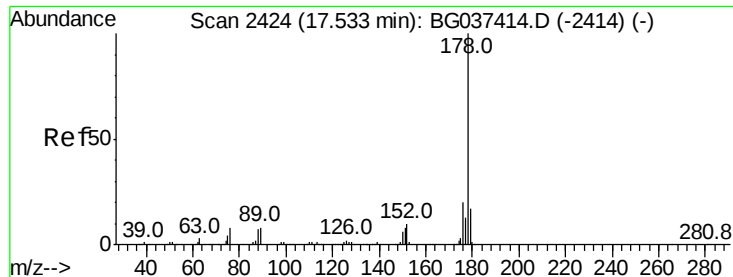
#70
 Pentachlorophenol
 Concen: 65.058 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037651.D
 Acq: 30 Oct 2018 13:26

Tgt Ion:266 Resp: 202995
 Ion Ratio Lower Upper
 266 100
 268 66.3 55.0 82.6
 264 68.5 58.9 88.3



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

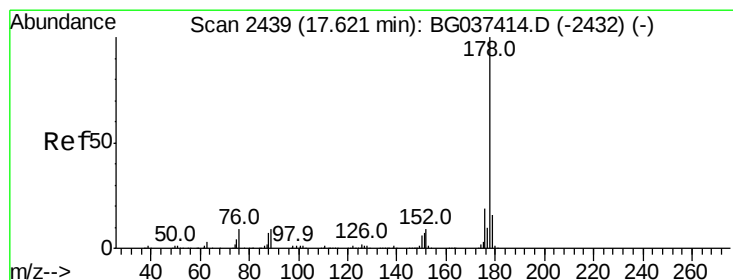
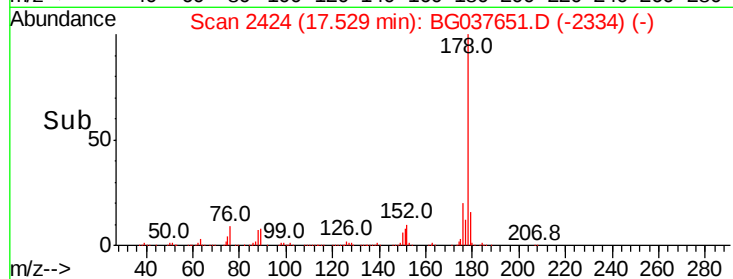
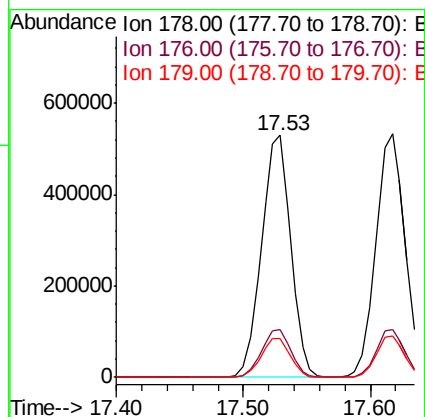
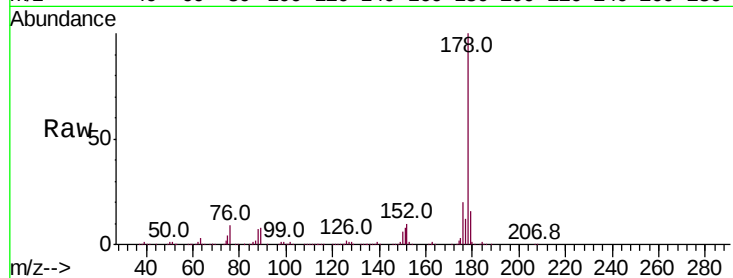




#71
Phenanthrene
Concen: 40.782 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

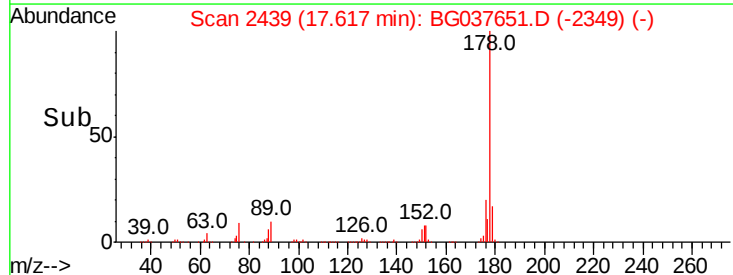
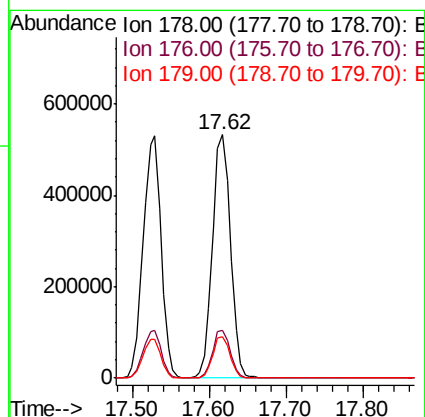
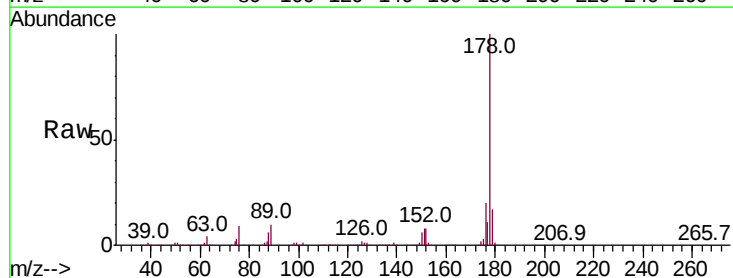
Instrument :
BNA_G
ClientSampleId :
PB114295BS

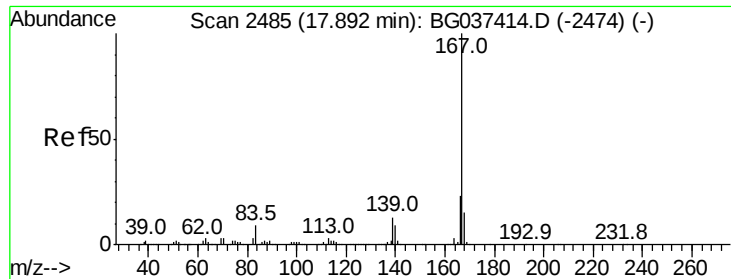
Tot Ion:178 Resp: 848291
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 41.983 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion:178 Resp: 857002
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.8 12.8 19.2





#73

Carbazole

Concen: 38.009 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

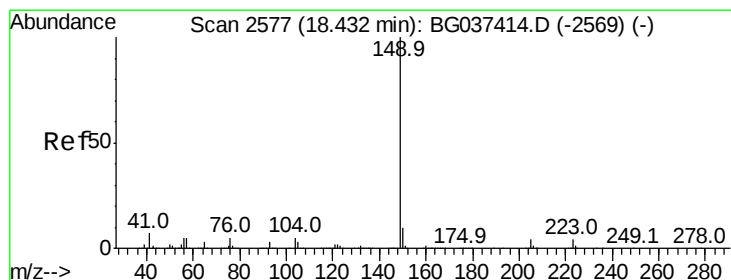
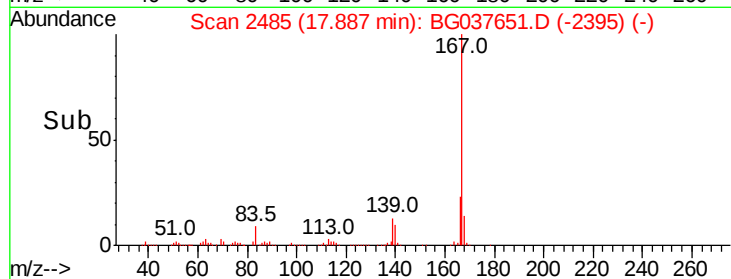
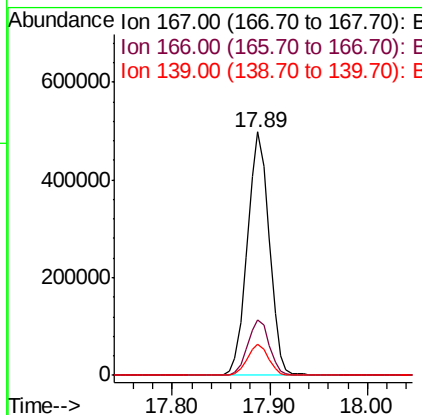
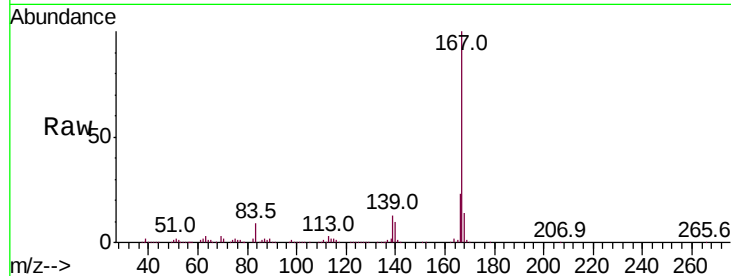
Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion:167 Resp: 776109

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	12.6	10.5	15.7



#74

Di-n-butylphthalate

Concen: 41.089 ng

RT: 18.42 min Scan# 2576

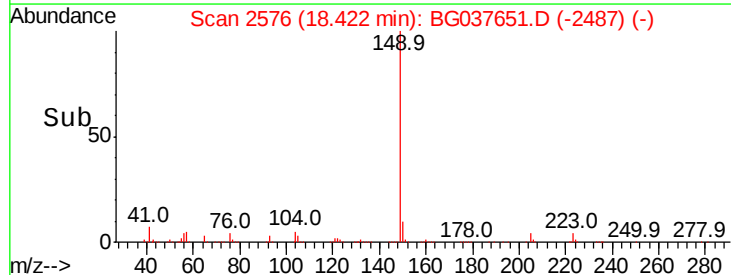
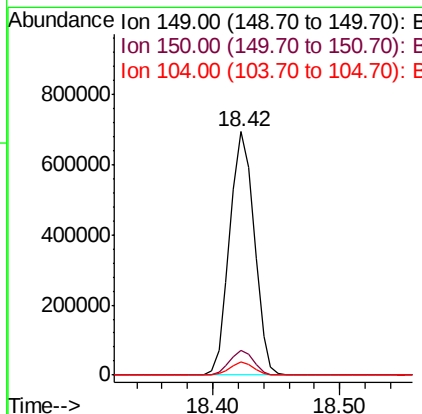
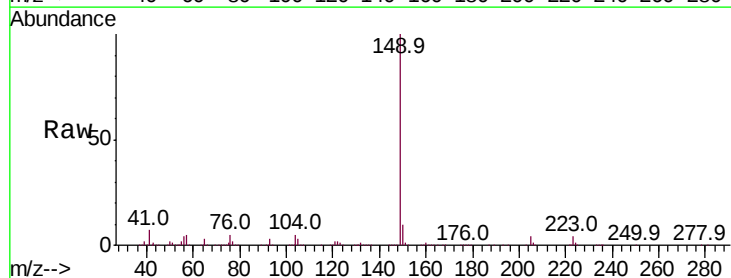
Delta R.T. -0.01 min

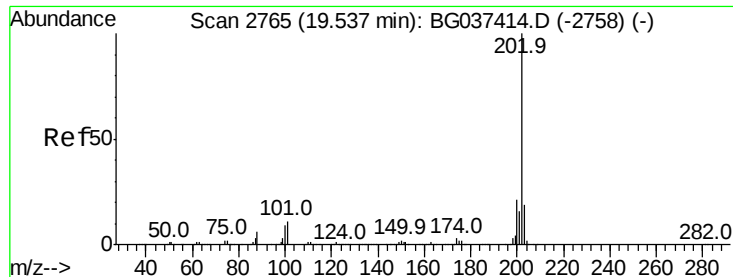
Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Tgt Ion:149 Resp: 933323

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 41.672 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

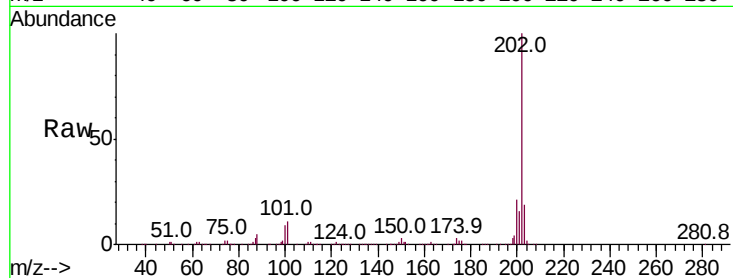
Tot Ion:202 Resp: 983127

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

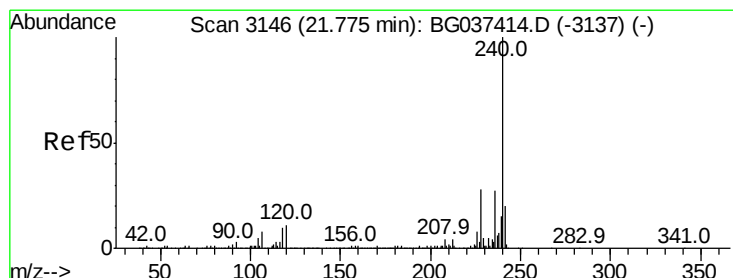
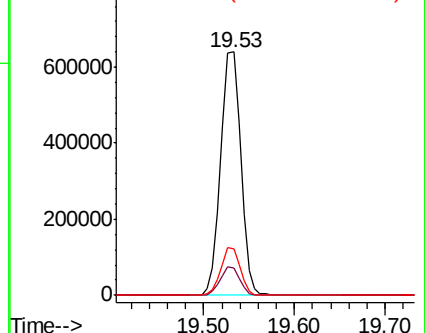
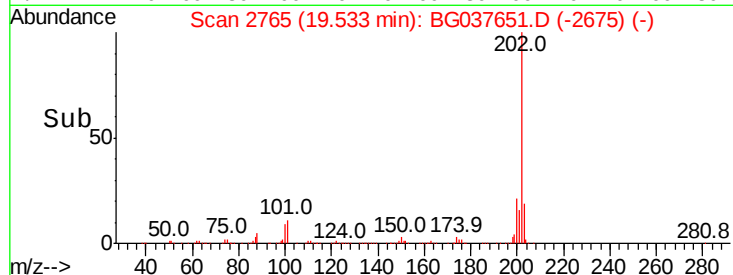
203 19.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

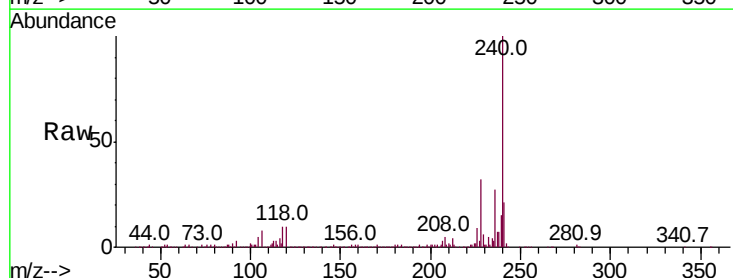
Tgt Ion:240 Resp: 363642

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

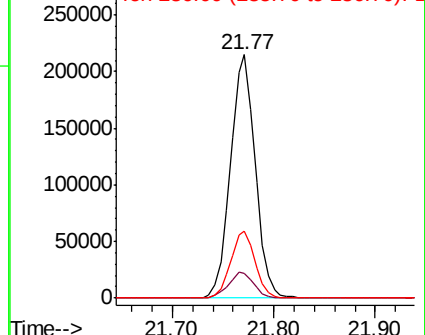
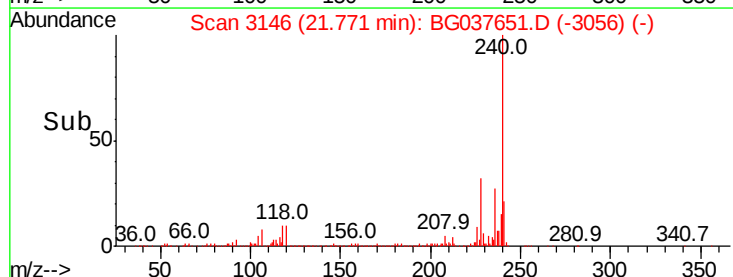
236 27.5 21.4 32.0

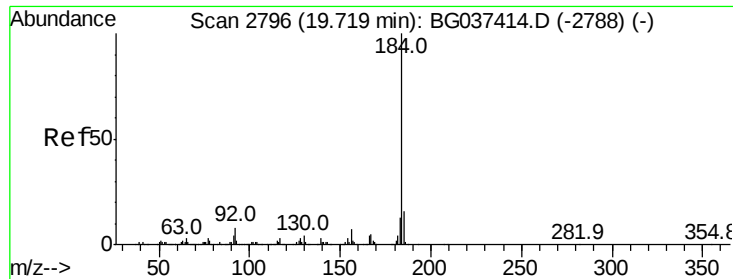


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.614 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

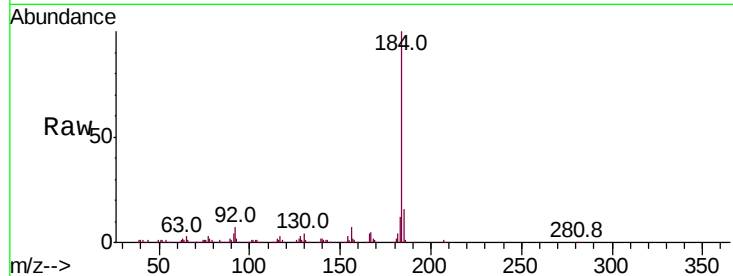
Tot Ion:184 Resp: 353801

Ion Ratio Lower Upper

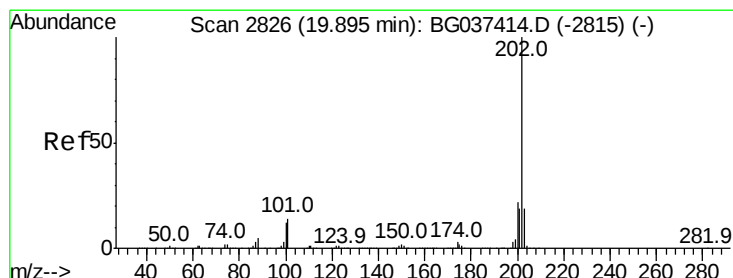
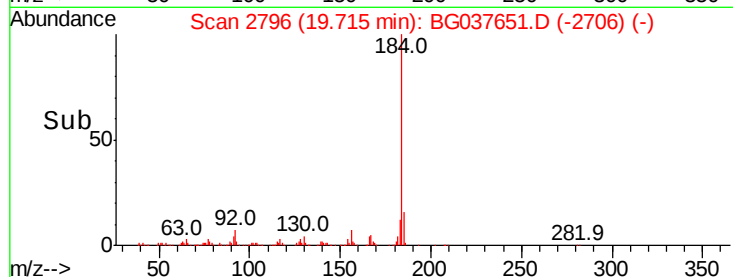
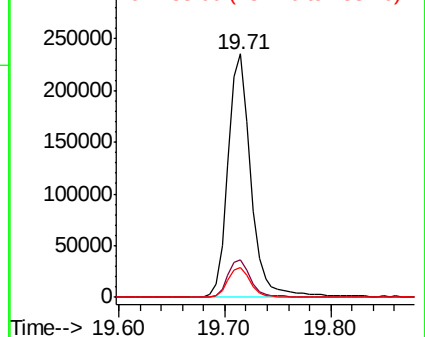
184 100

185 15.6 12.6 18.8

183 12.0 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.944 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

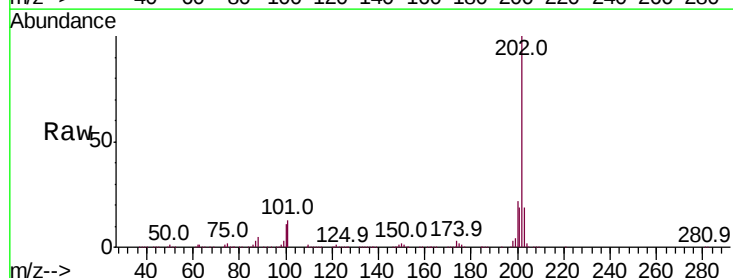
Tgt Ion:202 Resp: 973315

Ion Ratio Lower Upper

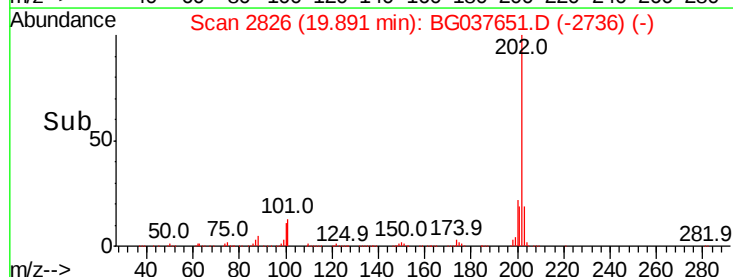
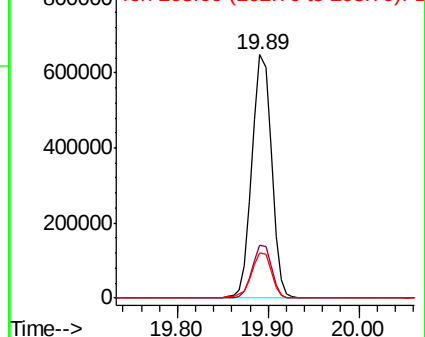
202 100

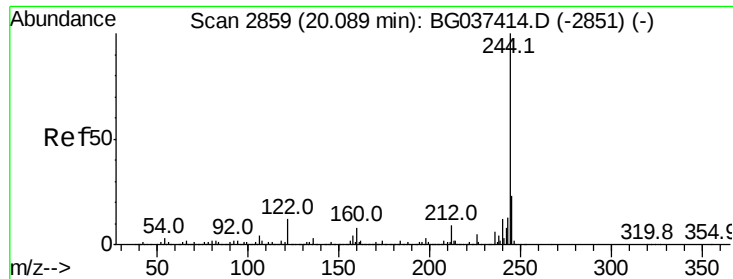
200 21.8 17.8 26.6

203 18.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.307 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

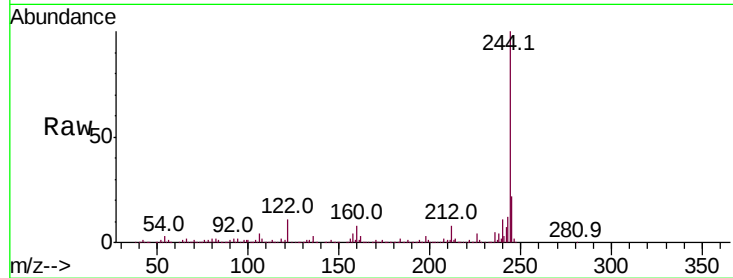
Tot Ion:244 Resp: 1026327

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.4	9.0	13.4

244 100

212 8.1 6.5 9.7

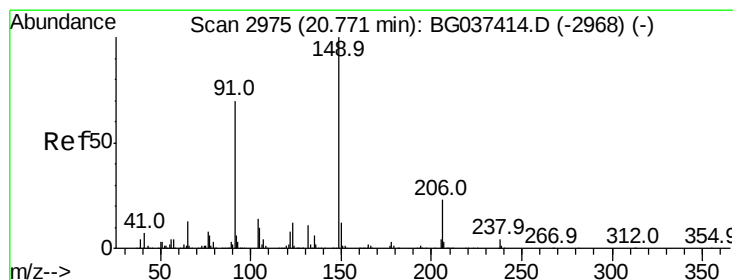
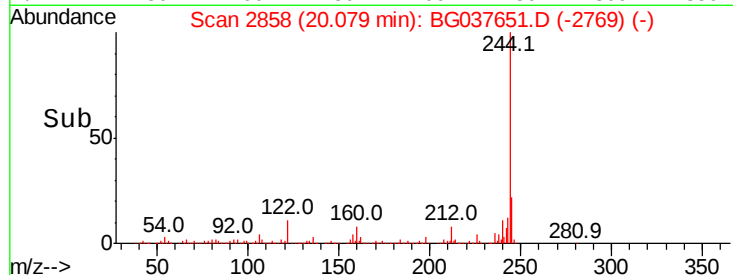
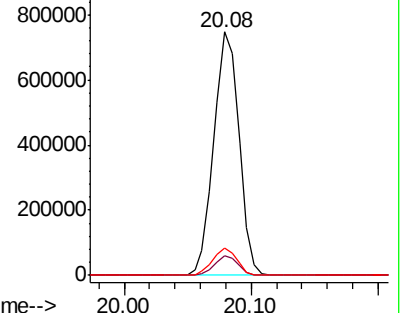
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.744 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

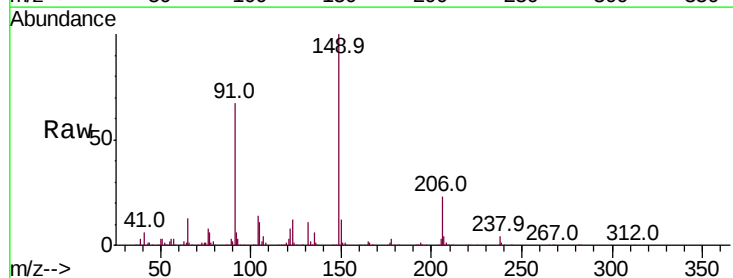
Tgt Ion:149 Resp: 415847

Ion	Ratio	Lower	Upper
149	100		
91	67.1	57.0	85.4
206	22.7	17.8	26.6

149 100

91 67.1 57.0 85.4

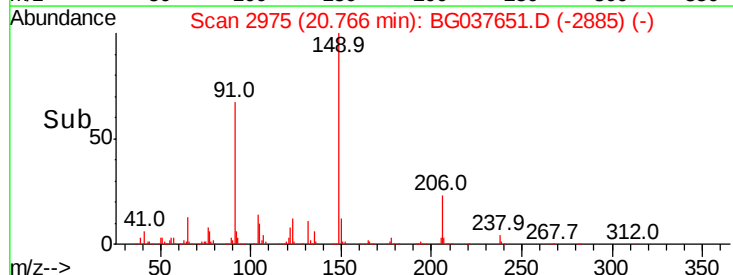
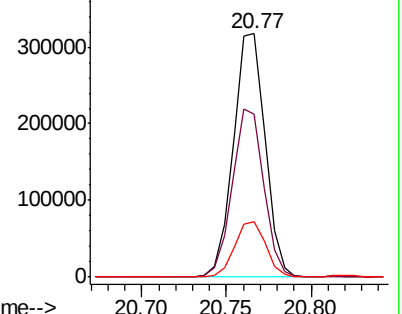
206 22.7 17.8 26.6

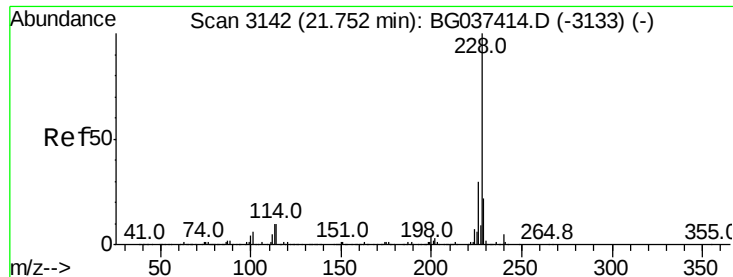


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.192 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

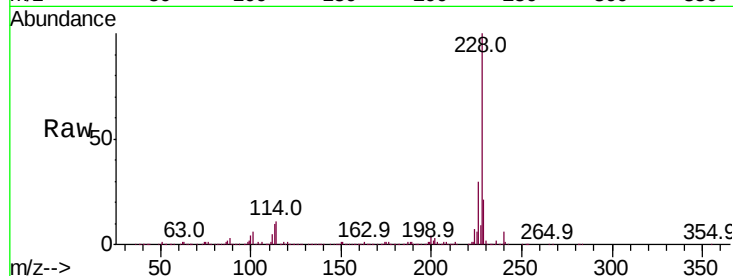
Tot Ion:228 Resp: 907503

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.3	16.3	24.5

228 100

226 29.7 22.6 33.8

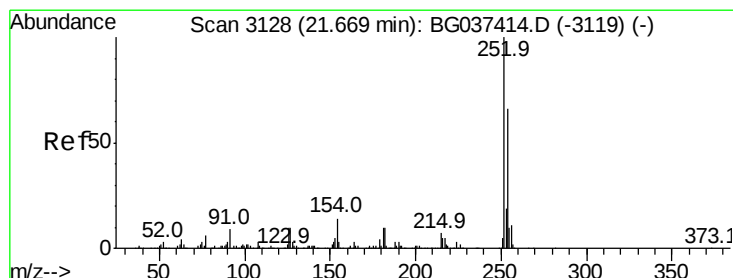
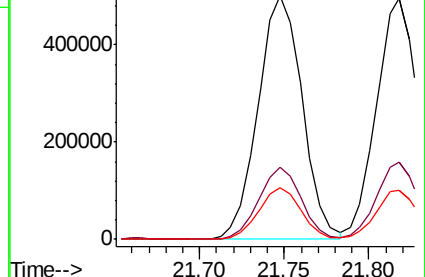
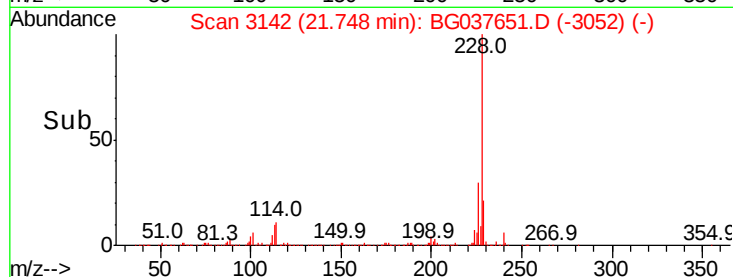
229 21.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.285 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

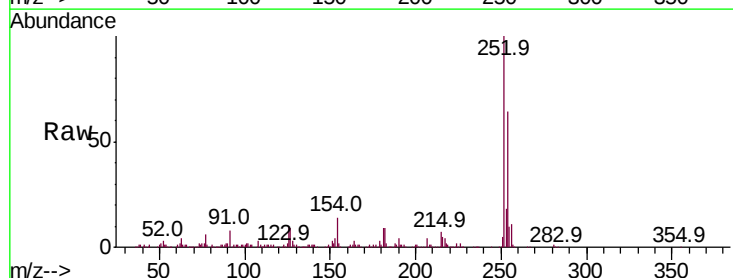
Tgt Ion:252 Resp: 252487

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.0	78.0
126	10.4	8.2	12.4

252 100

254 63.7 52.0 78.0

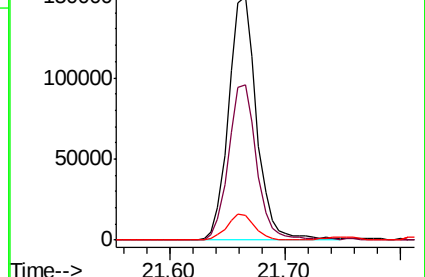
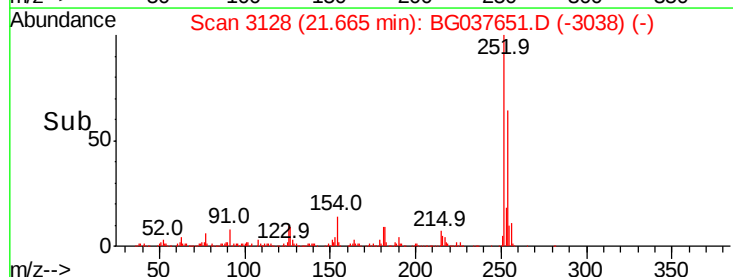
126 10.4 8.2 12.4

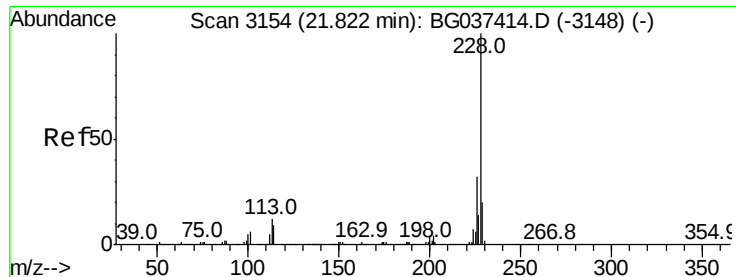


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.274 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

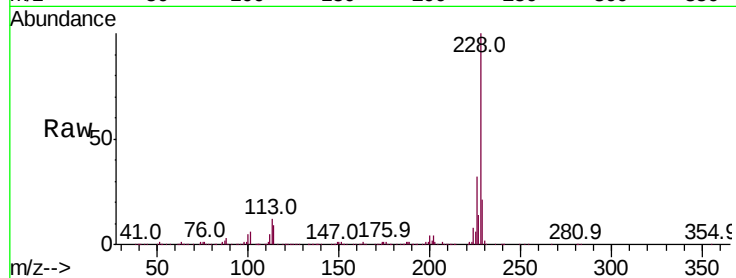
Tot Ion:228 Resp: 853648

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

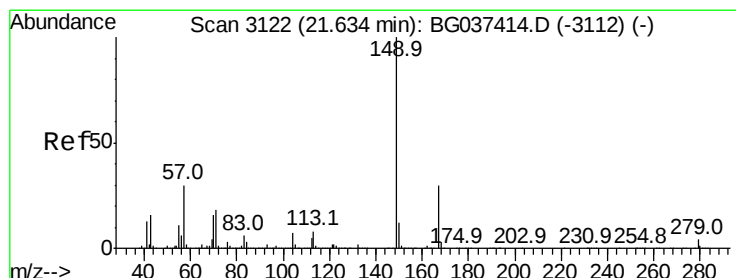
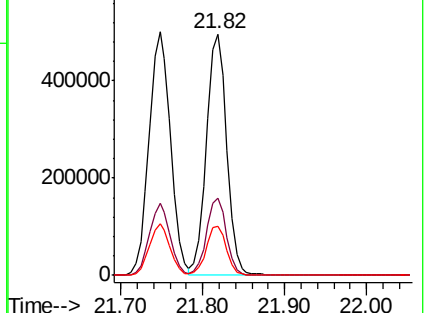
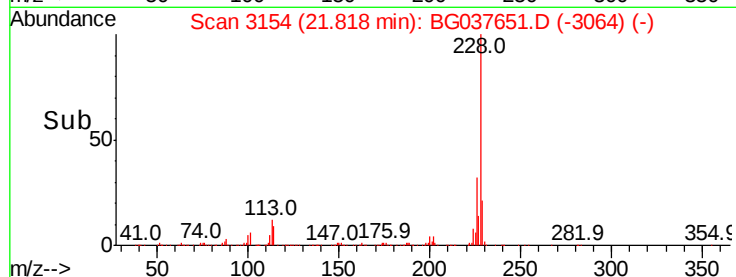
229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.680 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

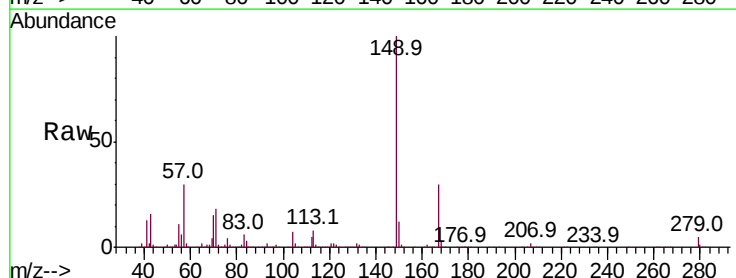
Tgt Ion:149 Resp: 582027

Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.4

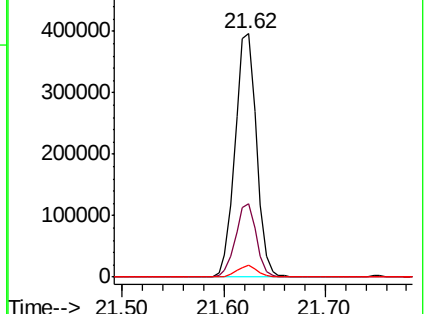
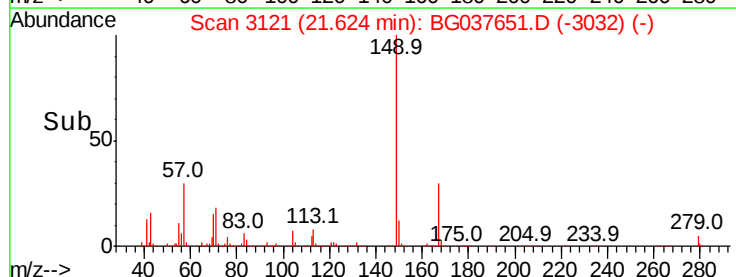
279 4.8 3.6 5.4

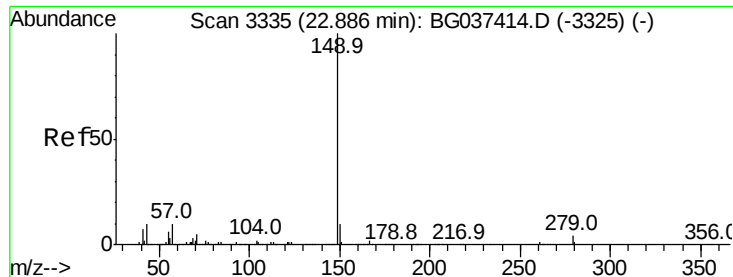


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.503 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

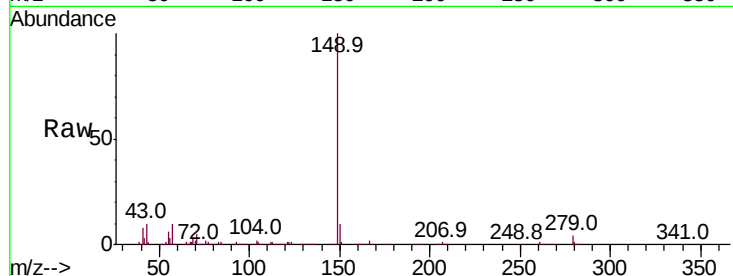
Tot Ion:149 Resp: 989634

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

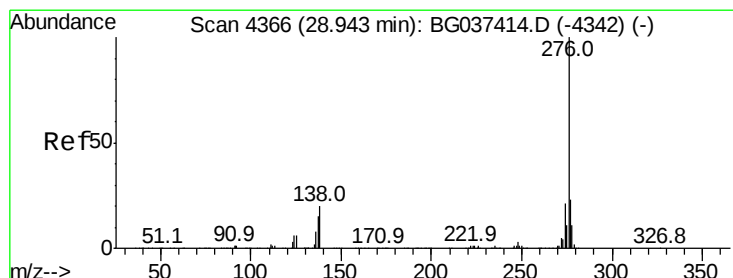
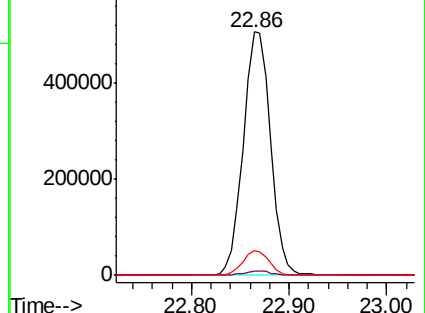
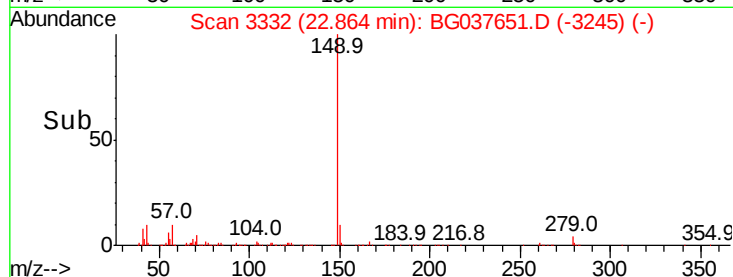
43 9.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.125 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

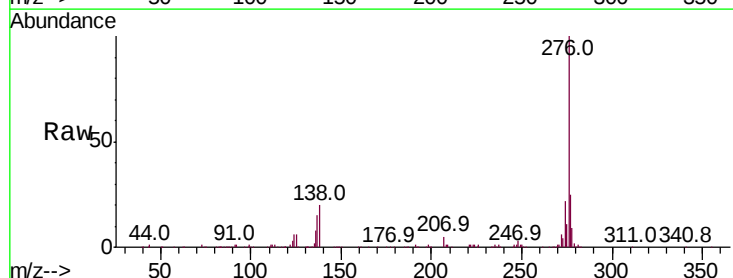
Tgt Ion:276 Resp: 912299

Ion Ratio Lower Upper

276 100

138 16.7 12.0 18.0

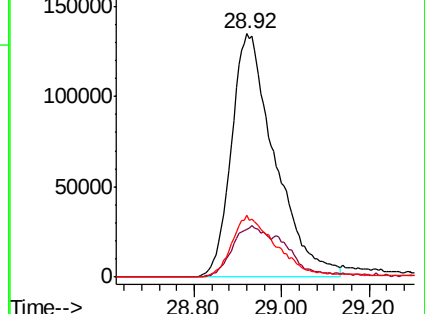
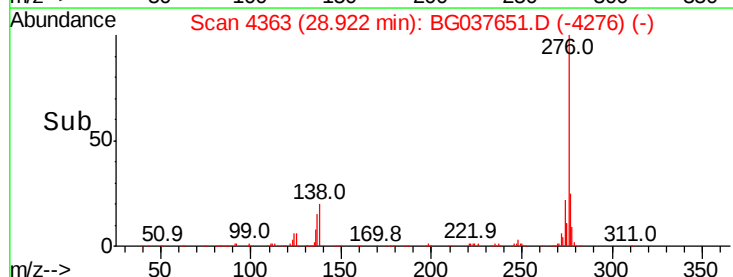
277 25.8 20.6 30.8

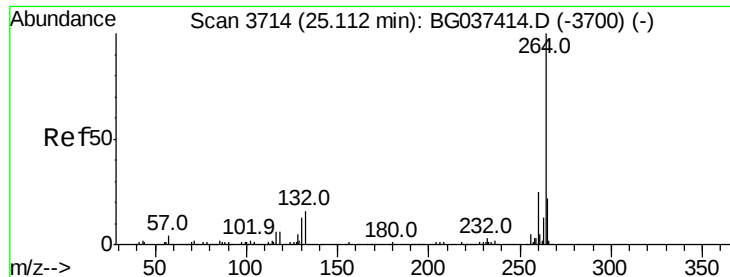


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

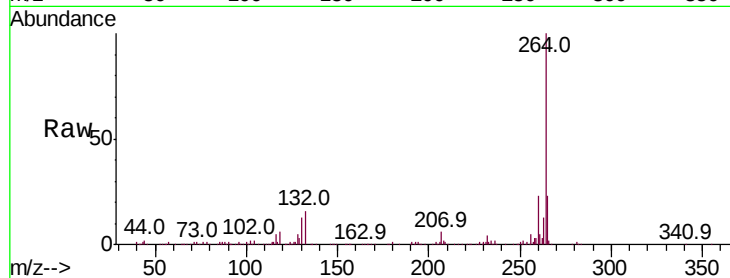
Tot Ion:264 Resp: 377368

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

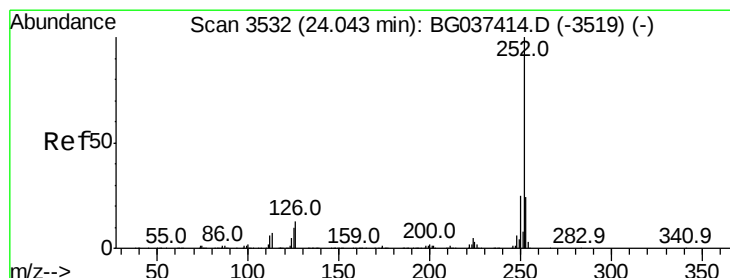
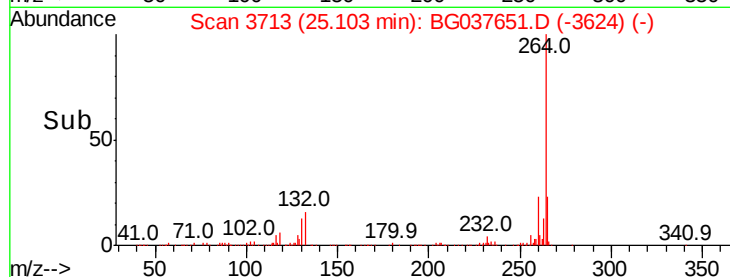
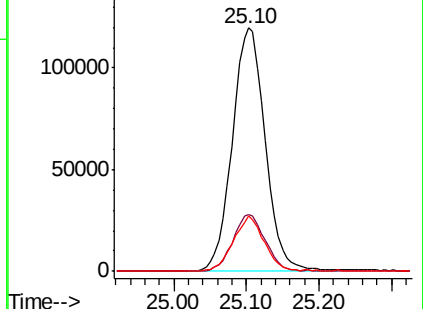
265 22.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.855 ng

RT: 24.04 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

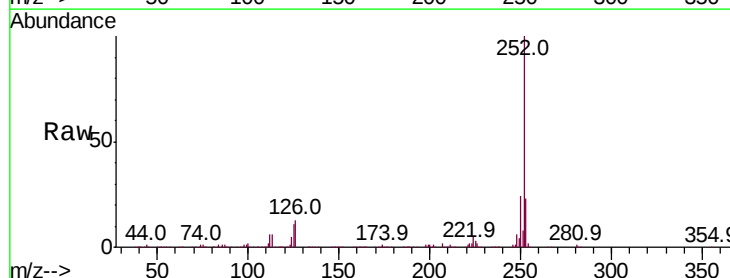
Tgt Ion:252 Resp: 886618

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

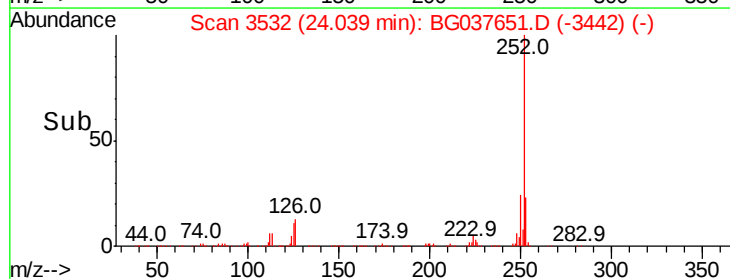
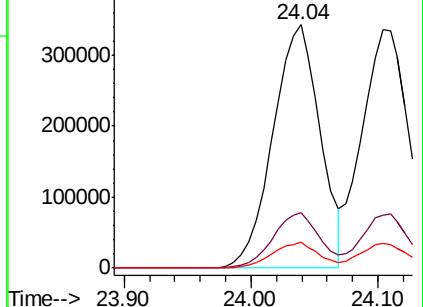
125 10.6 7.8 11.6

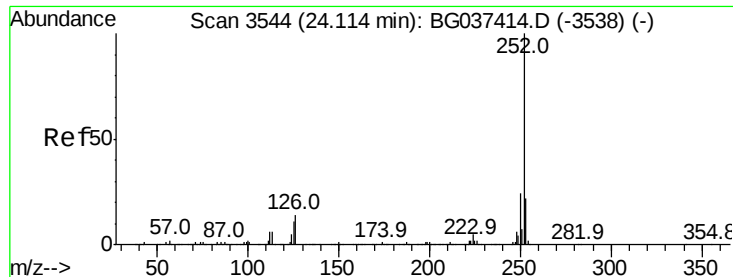


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.237 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

Instrument :

BNA_G

ClientSampleId :

PB114295BS

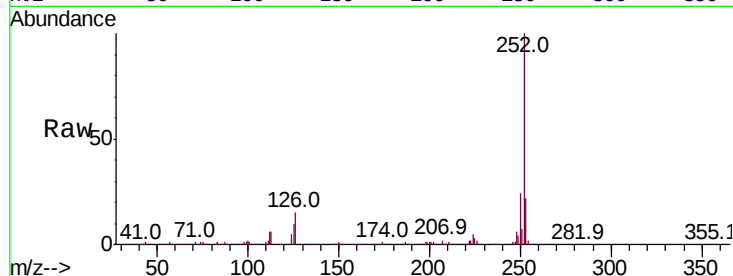
Tot Ion:252 Resp: 876380

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

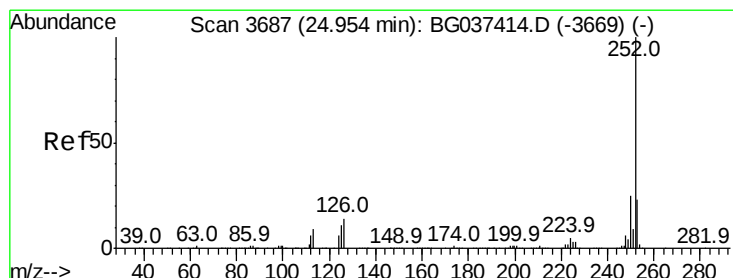
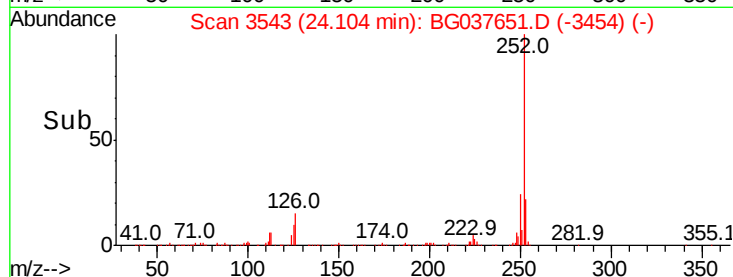
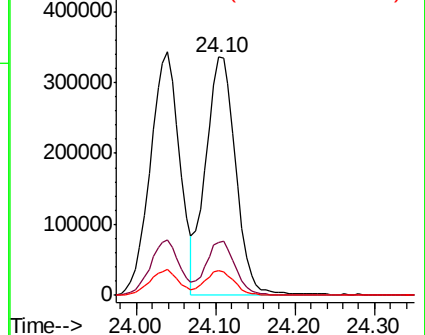
125 10.3 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 44.323 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG037651.D

Acq: 30 Oct 2018 13:26

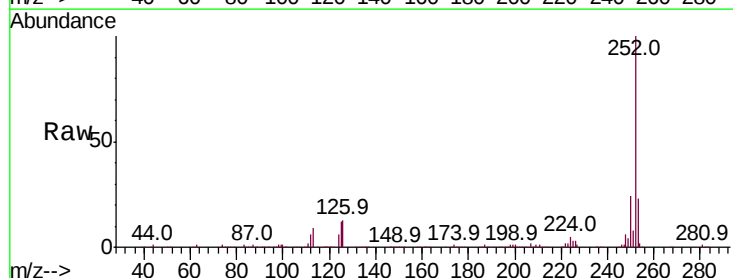
Tgt Ion:252 Resp: 871351

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

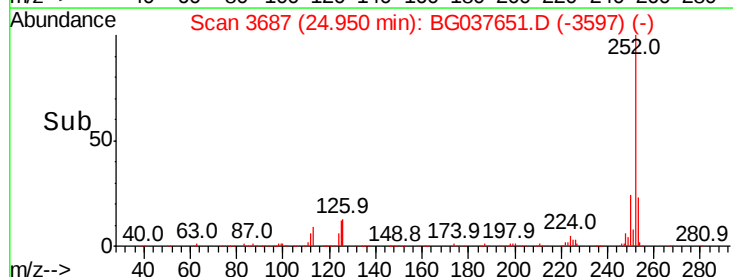
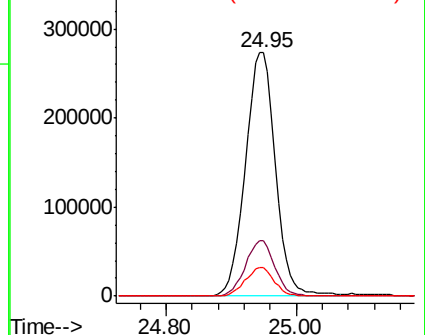
125 11.6 9.0 13.6

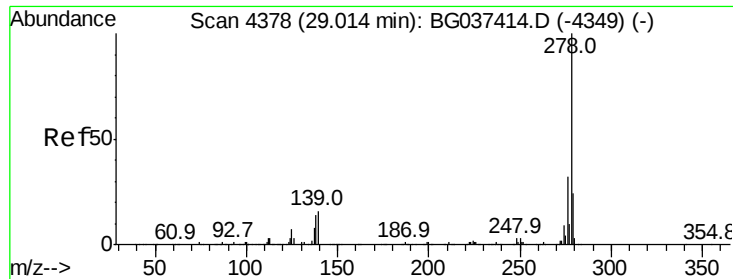


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

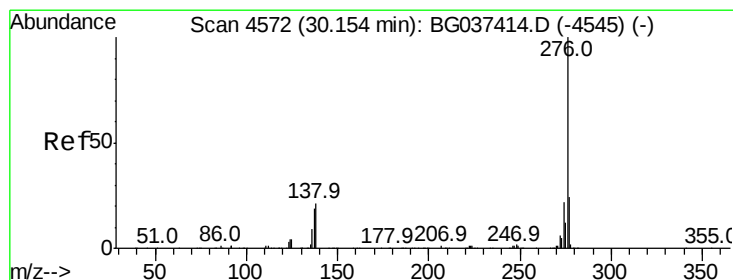
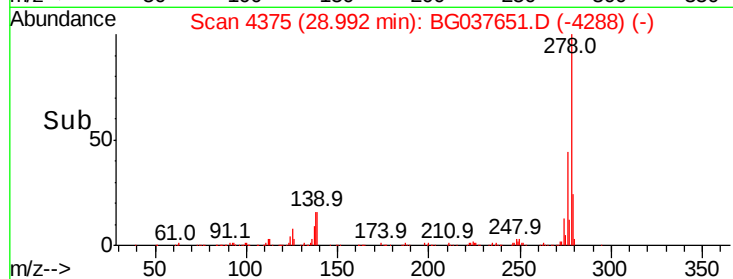
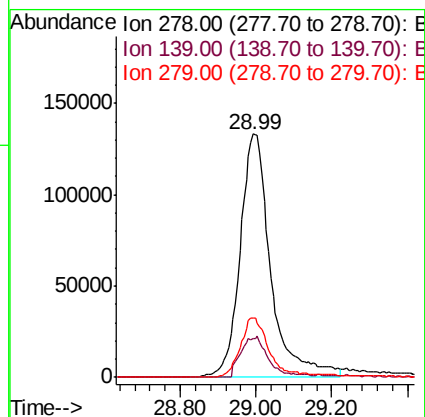
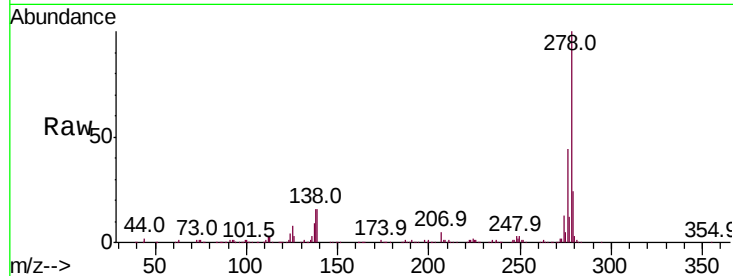




#91
Dibenzo(a,h)anthracene
Concen: 41.491 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Instrument :
BNA_G
ClientSampleId :
PB114295BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	24.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 20.688 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037651.D
Acq: 30 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	23.1	17.2	25.8

