

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037643.D
 Acq On : 30 Oct 2018 4:16
 Operator : JU/SJ
 Sample : PB114248BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Quant Time: Oct 30 05:48:01 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	52166	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	240634	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161278	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	388787	20.00	ng	0.00
76) Chrysene-d12	21.77	240	351353	20.00	ng	0.00
87) Perylene-d12	25.10	264	367254	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	546414	175.12	ng	0.00
7) Phenol-d6	7.25	99	770648	163.33	ng	0.00
23) Nitrobenzene-d5	9.27	82	352070	81.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	289678	164.68	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	836427	78.21	ng	0.00
79) Terphenyl-d14	20.08	244	1256443	76.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	49172	31.075	ng	98
3) Pyridine	3.93	79	145780	36.552	ng	95
4) n-Nitrosodimethylamine	3.85	42	65282	45.955	ng	# 91
6) Aniline	7.42	93	201695	35.041	ng	96
8) 2-Chlorophenol	7.66	128	167348	45.846	ng	98
9) Benzaldehyde	7.24	77	133435	45.210	ng	94
10) Phenol	7.28	94	227821	45.764	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	153460	40.588	ng	96
12) 1,3-Dichlorobenzene	7.99	146	164023	40.363	ng	98
13) 1,4-Dichlorobenzene	8.14	146	168791	40.606	ng	98
14) 1,2-Dichlorobenzene	8.45	146	162732	40.697	ng	97
15) Benzyl Alcohol	8.34	79	151048	43.327	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281700	41.639	ng	98
17) 2-Methylphenol	8.53	107	155793	47.337	ng	99
18) Hexachloroethane	9.19	117	60554	42.730	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	127214	39.155	ng	96
20) 3+4-Methylphenols	8.86	107	216231	45.953	ng	100
22) Acetophenone	8.93	105	244547	40.522	ng	96
24) Nitrobenzene	9.32	77	187659	42.053	ng	94
25) Isophorone	9.84	82	364709	46.467	ng	96
26) 2-Nitrophenol	10.03	139	94014	46.766	ng	99
27) 2,4-Dimethylphenol	10.07	122	181838	50.660	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	223476	43.458	ng	96
29) 2,4-Dichlorophenol	10.56	162	184924	46.272	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	172935	39.792	ng	97
31) Naphthalene	10.97	128	521407	44.115	ng	99
32) Benzoic acid	10.20	122	114651	49.179	ng	97
33) 4-Chloroaniline	11.08	127	129605	23.338	ng	97
34) Hexachlorobutadiene	11.24	225	98879	38.388	ng	98
35) Caprolactam	11.87	113	41759	26.054	ng	89
36) 4-Chloro-3-methylphenol	12.19	107	203382	45.125	ng	98
37) 2-Methylnaphthalene	12.57	142	391612	45.453	ng	99
38) 1-Methylnaphthalene	12.79	142	373775	44.671	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199729	38.394	ng	99

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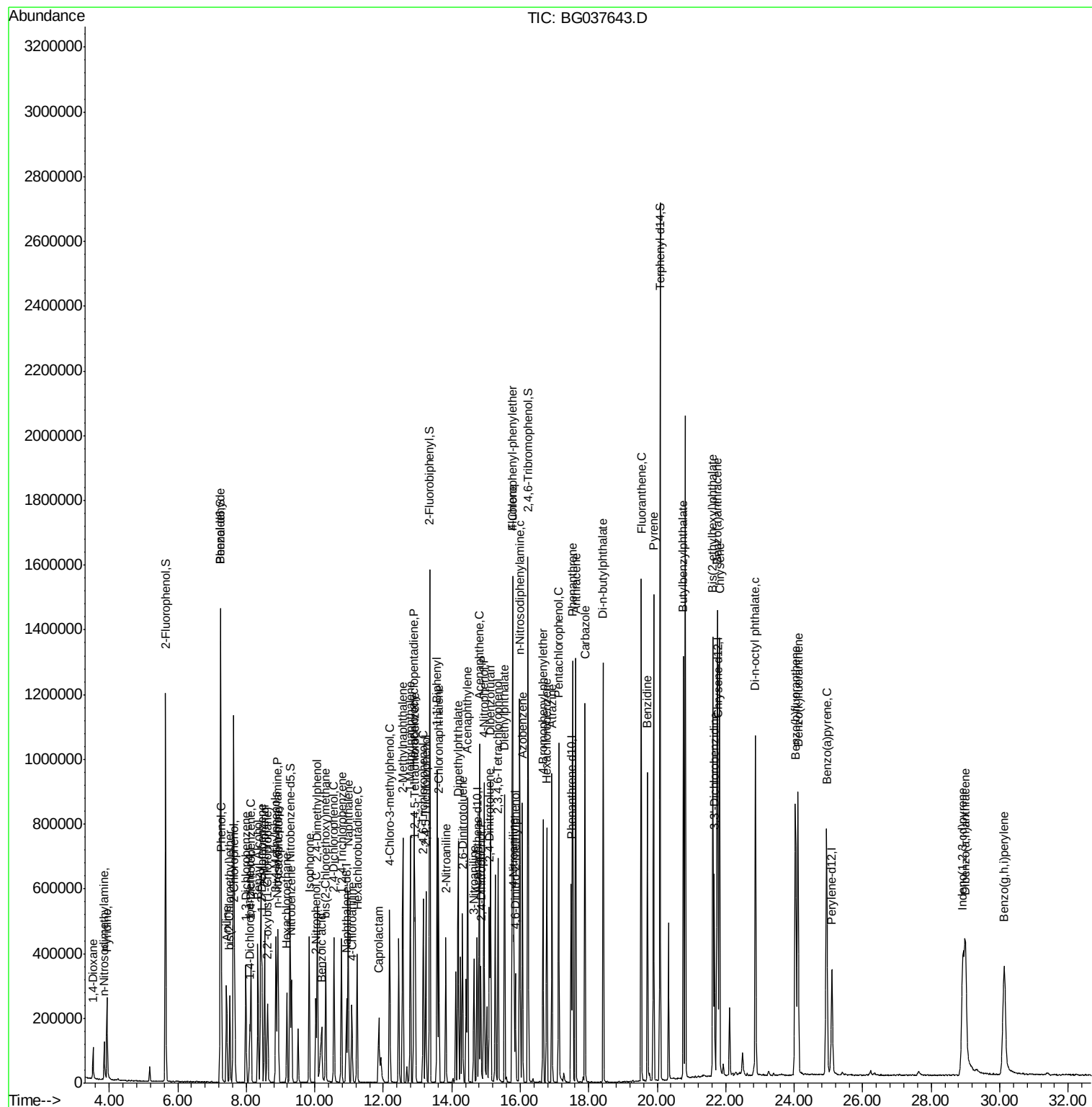
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	248419	99.971	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	155919	44.863	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	171634	45.359	ng	97
46) 1,1'-Biphenyl	13.57	154	516504	38.670	ng	99
47) 2-Chloronaphthalene	13.62	162	405063	40.086	ng	98
48) 2-Nitroaniline	13.83	65	139329	45.468	ng	96
49) Acenaphthylene	14.46	152	682060	44.871	ng	100
50) Dimethylphthalate	14.19	163	536018	42.961	ng	99
51) 2,6-Dinitrotoluene	14.32	165	123089	44.596	ng	97
52) Acenaphthene	14.80	154	396890	42.396	ng	98
53) 3-Nitroaniline	14.65	138	103756	33.862	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	93401	77.711	ng	97
55) Dibenzofuran	15.13	168	639055	41.202	ng	99
56) 4-Nitrophenol	14.94	139	278760	122.908	ng	98
57) 2,4-Dinitrotoluene	15.10	165	170847	47.155	ng	98
58) Fluorene	15.78	166	519107	44.693	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	151632	46.803	ng	99
60) Diethylphthalate	15.54	149	553258	43.192	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	271704	40.134	ng	99
62) 4-Nitroaniline	15.81	138	138216	45.396	ng	91
63) Azobenzene	16.06	77	522256	42.732	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	83789	42.298	ng	99
66) n-Nitrosodiphenylamine	15.98	169	479051	40.963	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	171644	40.202	ng	99
68) Hexachlorobenzene	16.78	284	175297	39.615	ng	95
69) Atrazine	16.92	200	179670	42.493	ng	99
70) Pentachlorophenol	17.12	266	209996	70.849	ng	97
71) Phenanthrene	17.52	178	867285	43.892	ng	99
72) Anthracene	17.62	178	877295	45.242	ng	98
73) Carbazole	17.89	167	798999	41.192	ng	100
74) Di-n-butylphthalate	18.42	149	958524	44.423	ng	100
75) Fluoranthene	19.53	202	1004842	44.837	ng	98
77) Benzidine	19.72	184	573892	48.037	ng	100
78) Pyrene	19.89	202	1000457	43.558	ng	99
80) Butylbenzylphthalate	20.76	149	430742	45.823	ng	99
81) Benzo(a)anthracene	21.75	228	933594	44.923	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	247528	30.729	ng	95
83) Chrysene	21.82	228	870634	43.567	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	604393	45.870	ng	98
85) Di-n-octyl phthalate	22.87	149	1009400	46.979	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	957863	44.690	ng	97
88) Benzo(b)fluoranthene	24.03	252	910684	45.231	ng	97
89) Benzo(k)fluoranthene	24.11	252	892696	45.254	ng	99
90) Benzo(a)pyrene	24.94	252	889345	46.484	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	742377	42.066	ng	99
92) Benzo(g,h,i)perylene	30.13	276	752972	42.173	ng	99

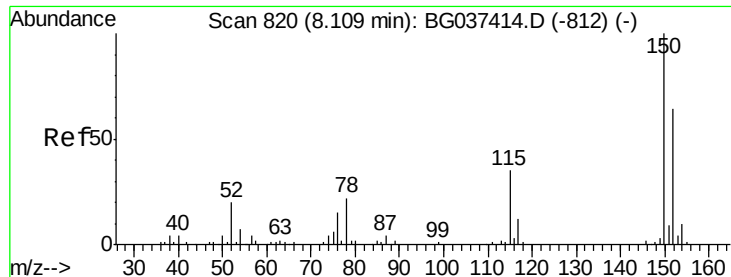
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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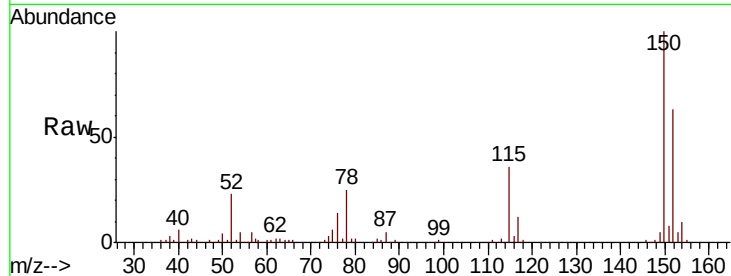


#1

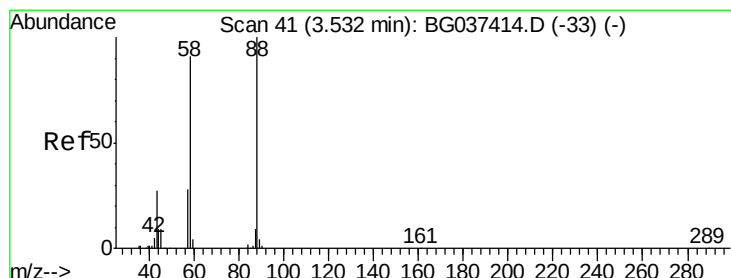
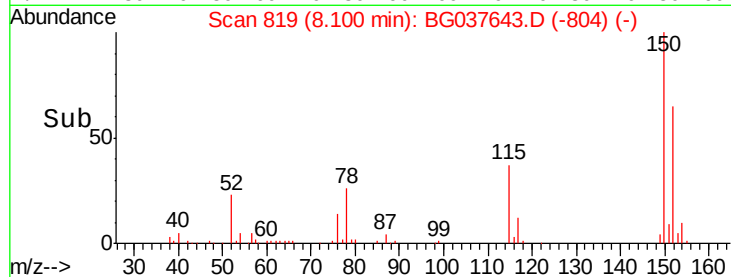
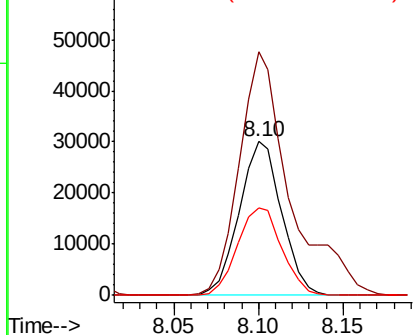
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:152 Resp: 52166
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 56.6 45.5 68.3



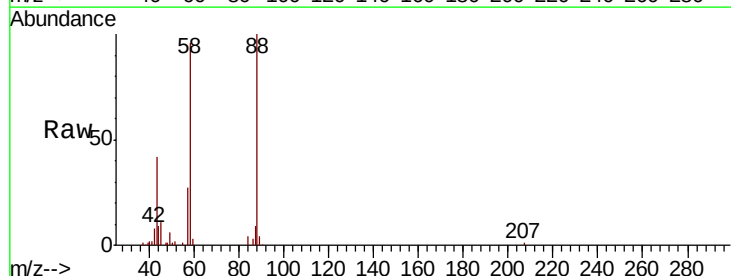
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



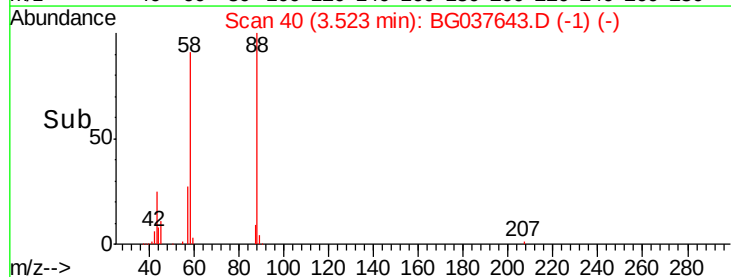
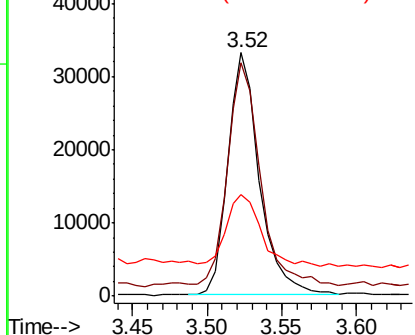
#2

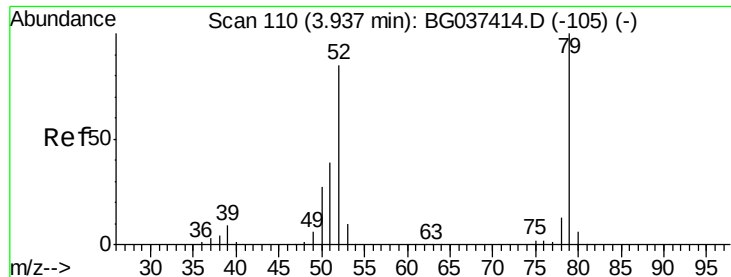
1,4-Dioxane
Concen: 31.075 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion: 88 Resp: 49172
Ion Ratio Lower Upper
88 100
58 95.3 74.4 111.6
43 32.5 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: 36.552 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

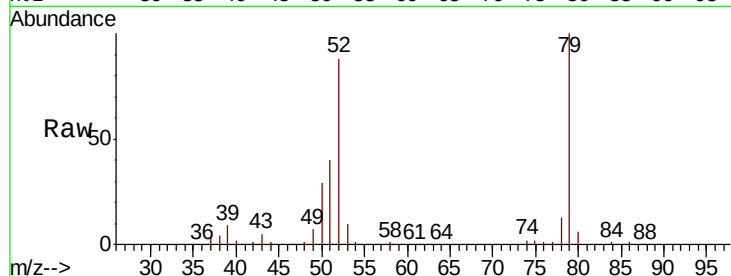
Tot Ion: 79 Resp: 145780

Ion Ratio Lower Upper

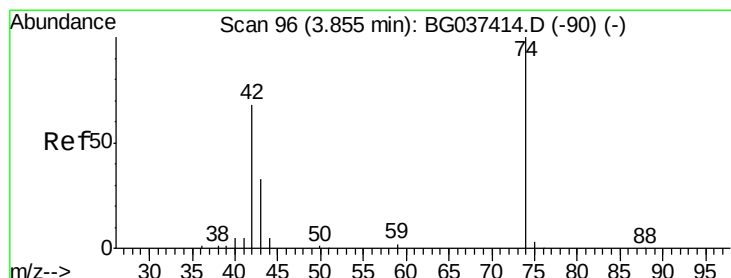
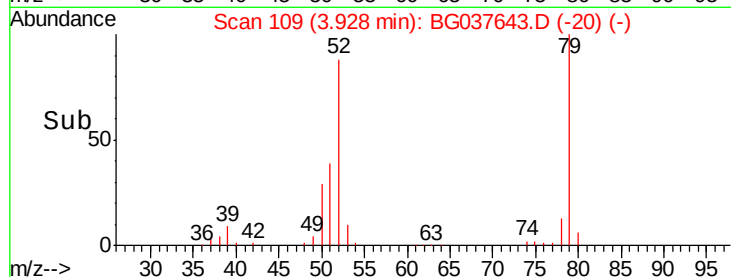
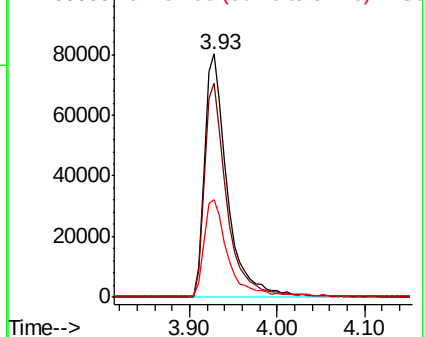
79 100

52 87.9 74.2 111.2

51 40.1 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: 45.955 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

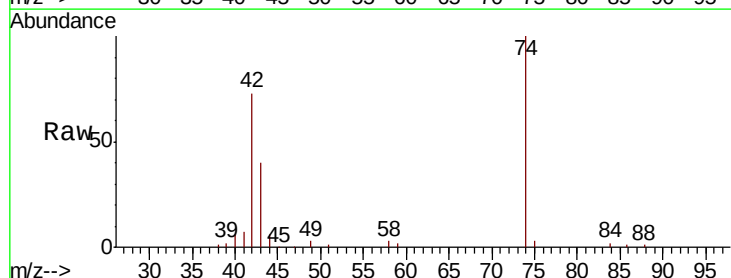
Tgt Ion: 42 Resp: 65282

Ion Ratio Lower Upper

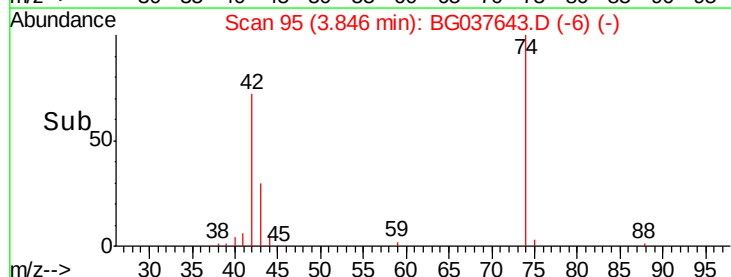
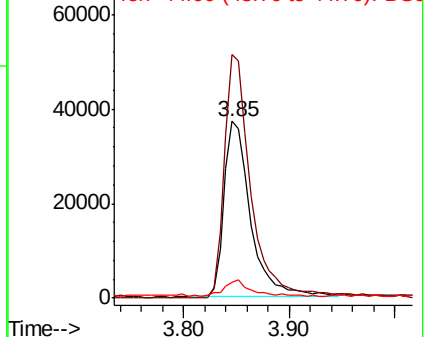
42 100

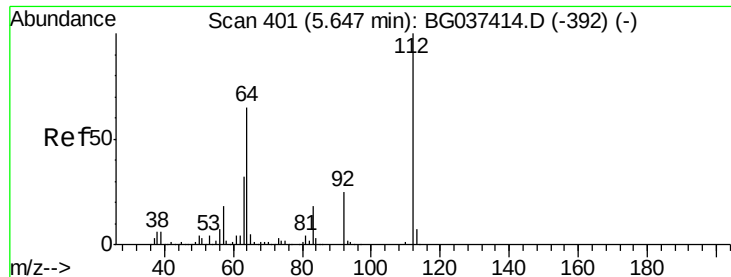
74 137.7 102.0 153.0

44 8.8 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: 175.119 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037643.D

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Instrument :

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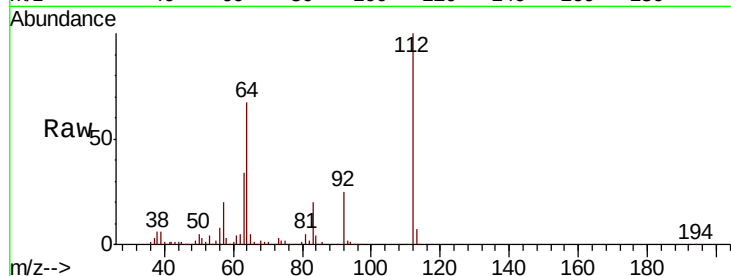
Tot Ion:112 Resp: 546414

Ion Ratio Lower Upper

112 100

64 67.2 53.1 79.7

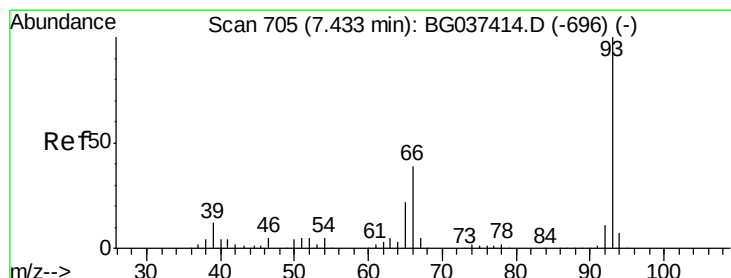
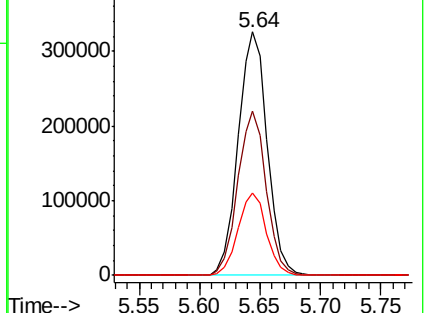
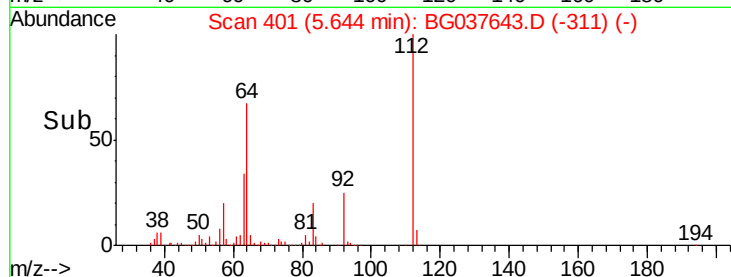
63 33.9 27.3 40.9



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: 35.041 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

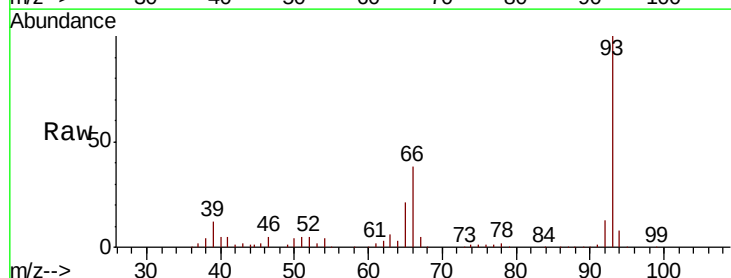
Tgt Ion: 93 Resp: 201695

Ion Ratio Lower Upper

93 100

66 38.2 32.8 49.2

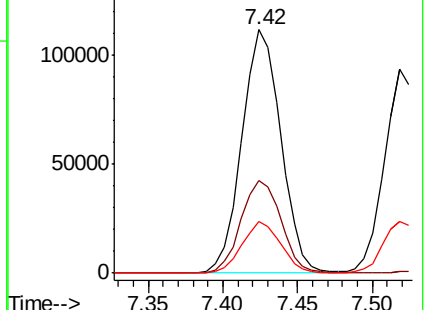
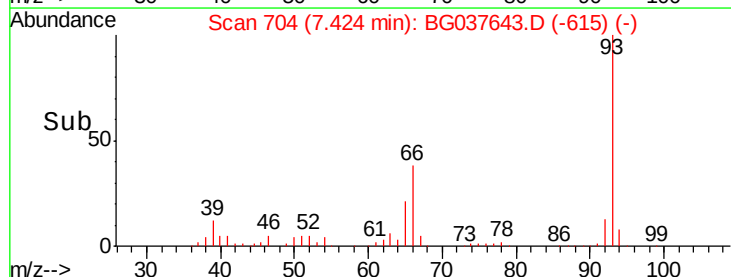
65 21.4 16.4 24.6

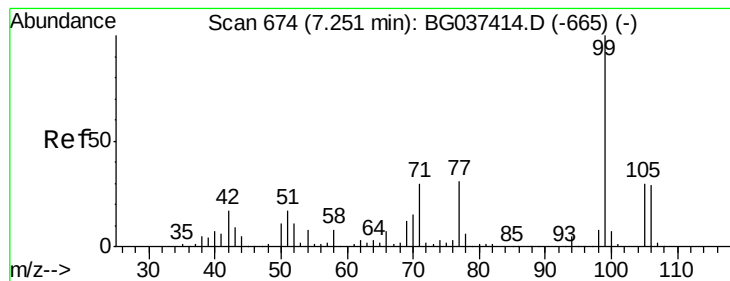


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 163.335 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037643.D

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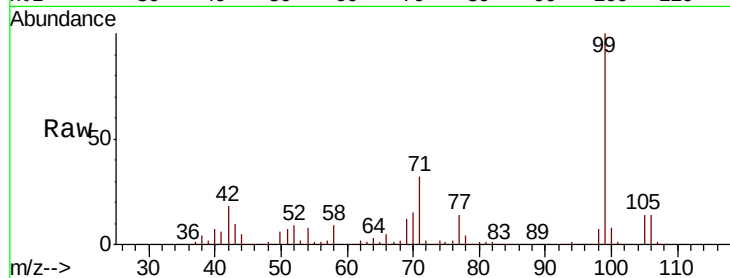
Tot Ion: 99 Resp: 770648

Ion Ratio Lower Upper

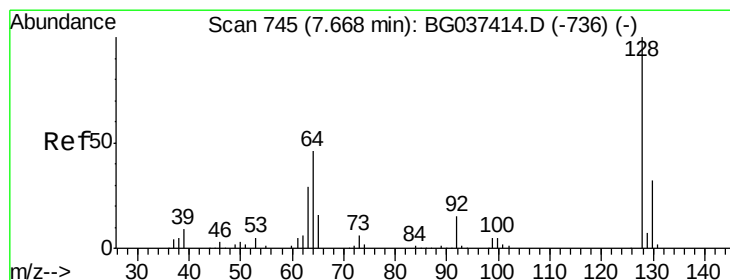
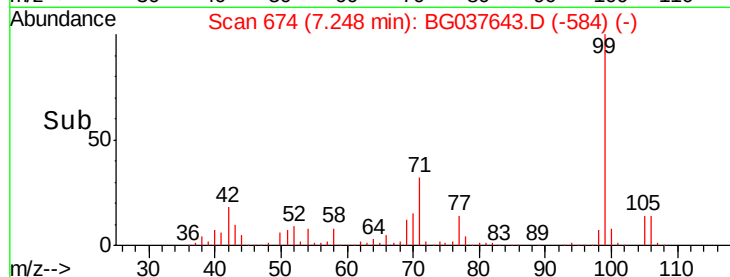
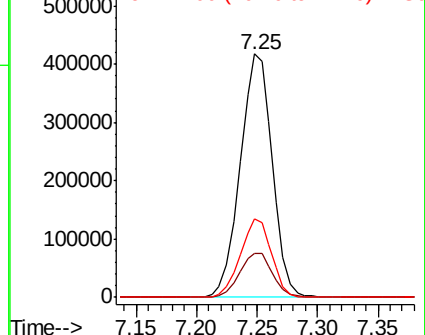
99 100

42 18.2 15.0 22.4

71 32.1 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: 45.846 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

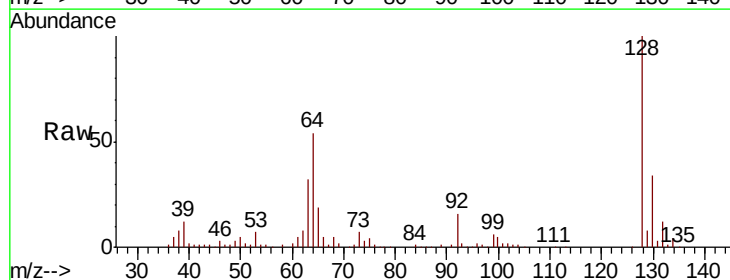
Tgt Ion: 128 Resp: 167348

Ion Ratio Lower Upper

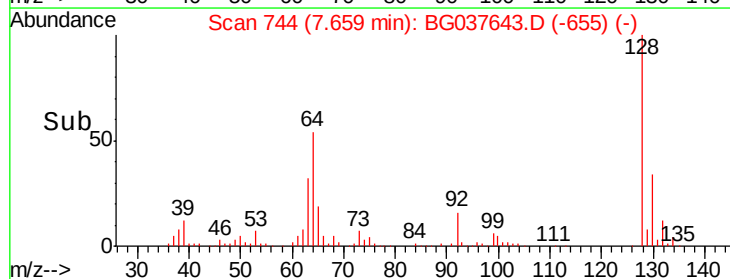
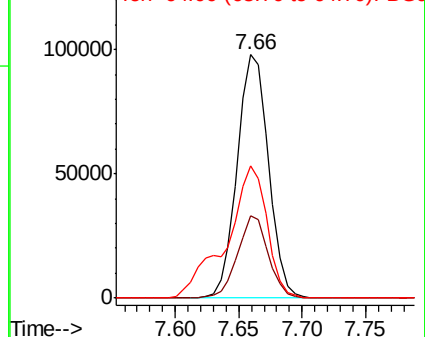
128 100

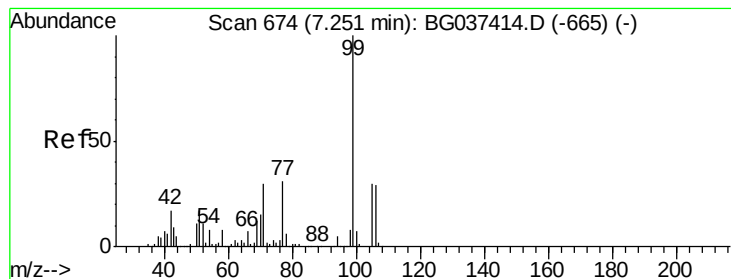
130 33.6 12.0 52.0

64 54.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 45.210 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

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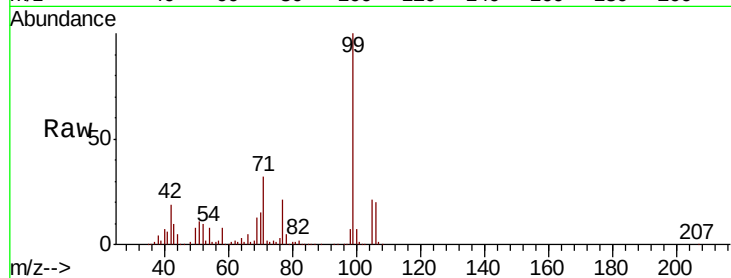
Tot Ion: 77 Resp: 133435

Ion Ratio Lower Upper

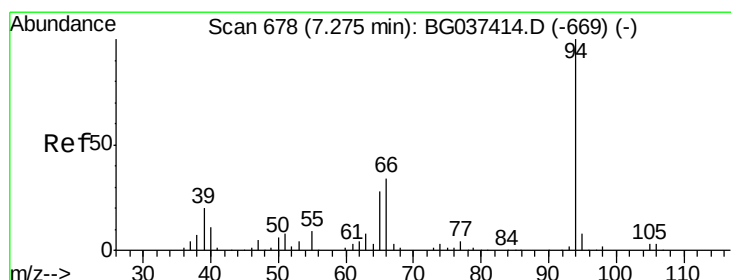
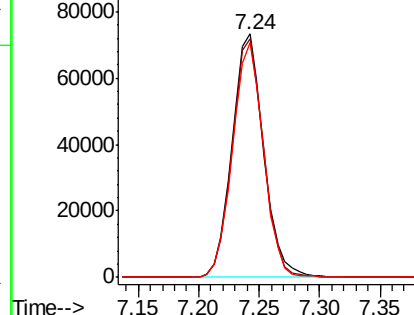
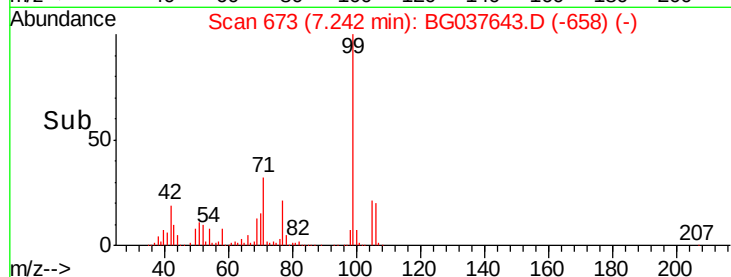
77 100

105 98.1 72.6 112.6

106 96.6 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.764 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

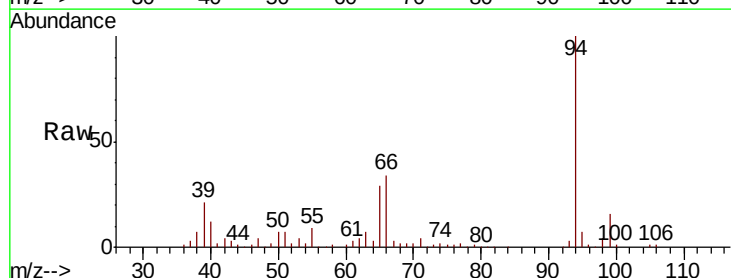
Tgt Ion: 94 Resp: 227821

Ion Ratio Lower Upper

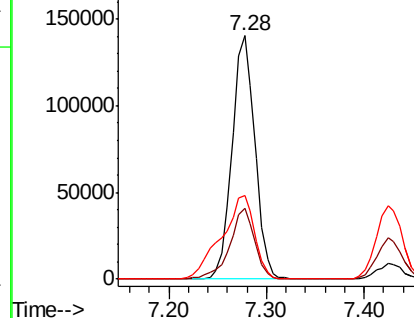
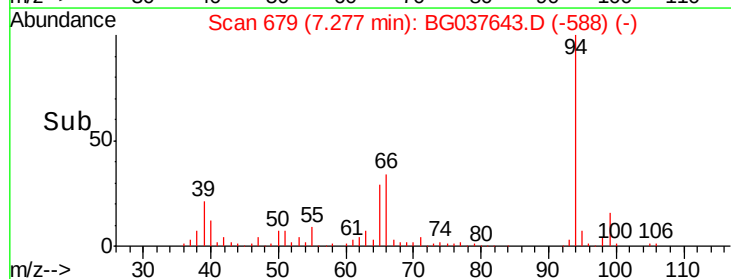
94 100

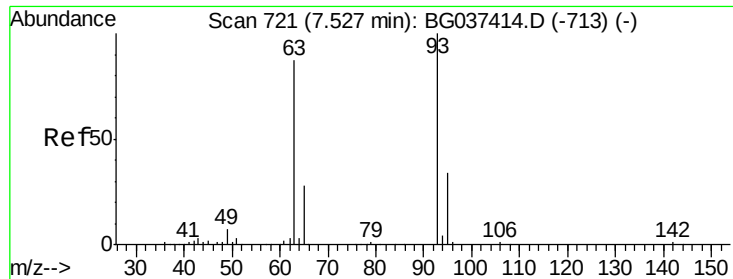
65 29.2 9.7 49.7

66 34.3 15.9 55.9



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

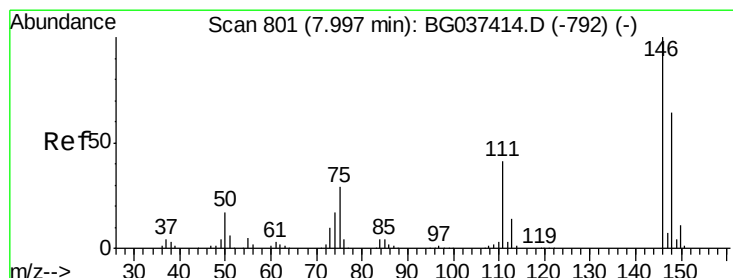
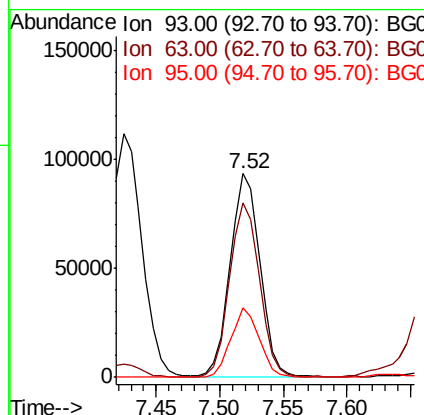
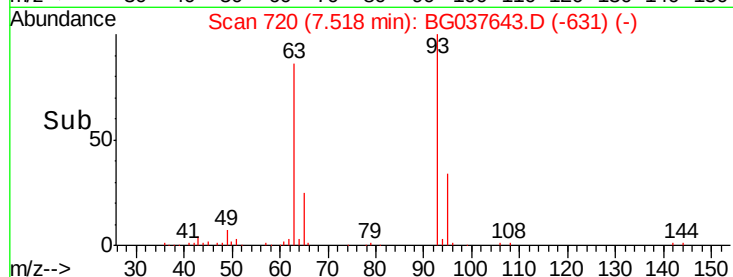
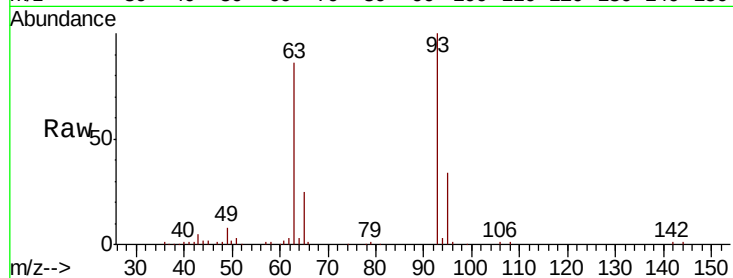




#11
 bis(2-Chloroethyl)ether
 Concen: 40.588 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

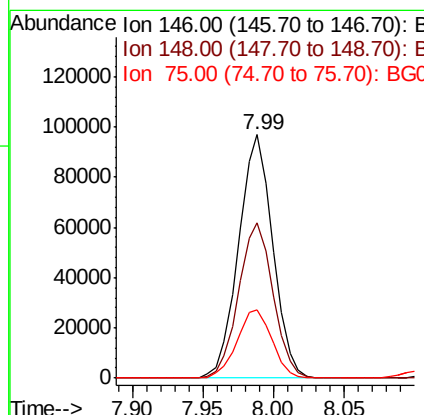
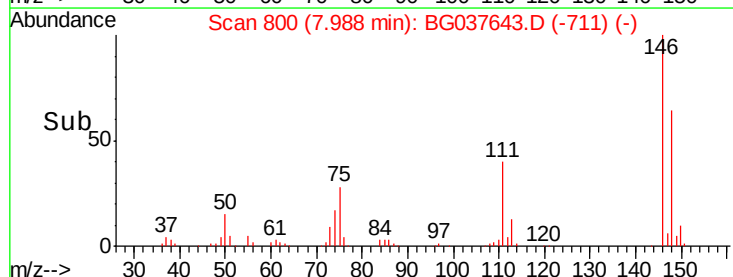
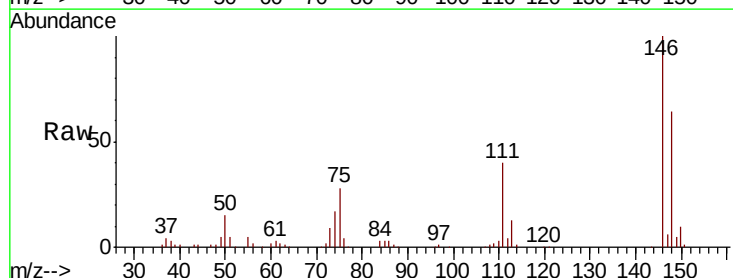
Instrument :
 BNA_G
 ClientSampled :
 PB114248BS

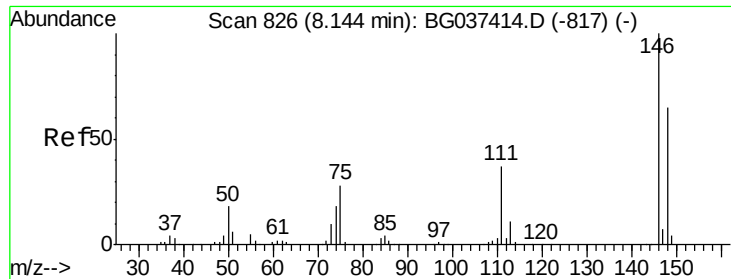
Tot Ion: 93 Resp: 153460
 Ion Ratio Lower Upper
 93 100
 63 85.6 69.5 109.5
 95 33.9 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.363 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion: 146 Resp: 164023
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.8 74.8
 75 27.8 23.2 34.8

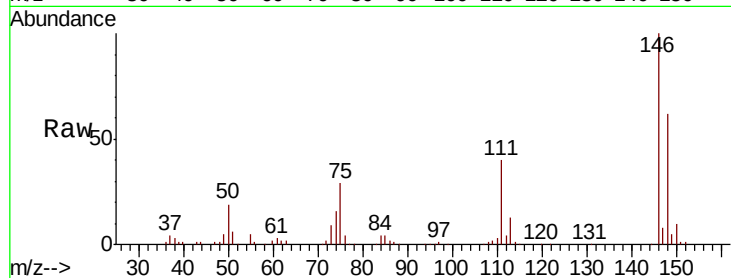




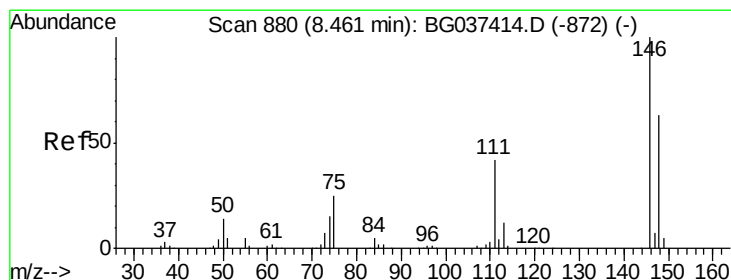
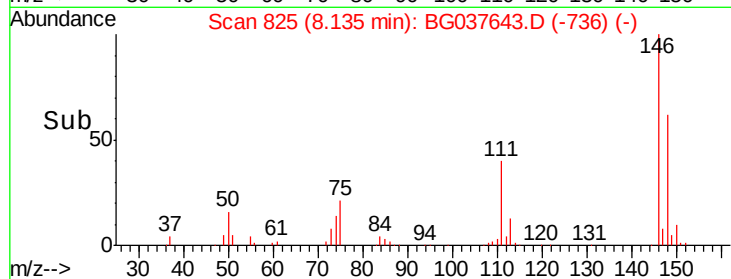
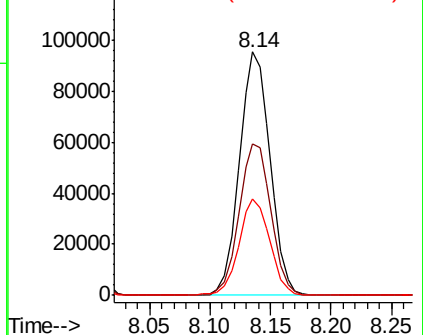
#13
 1,4-Dichlorobenzene
 Concen: 40.606 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion:146 Resp: 168791
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.0 76.6
 111 39.6 32.4 48.6

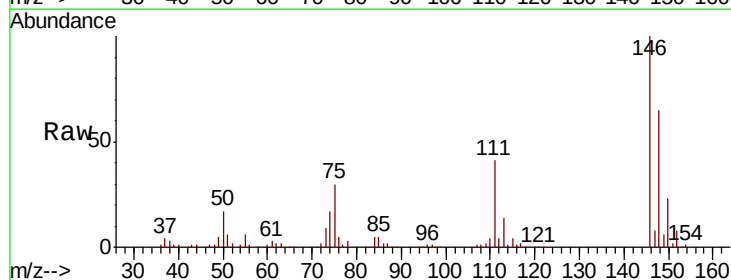


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

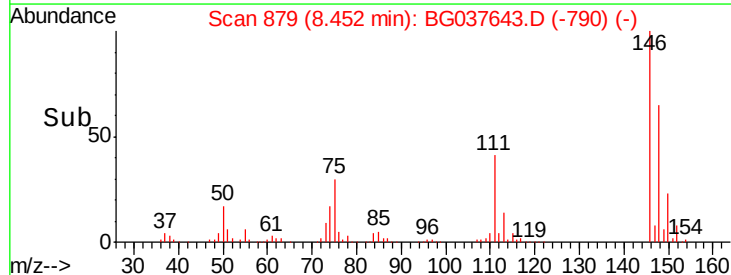
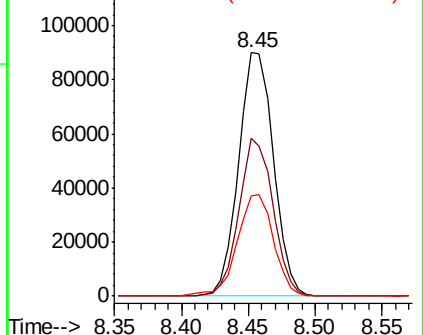


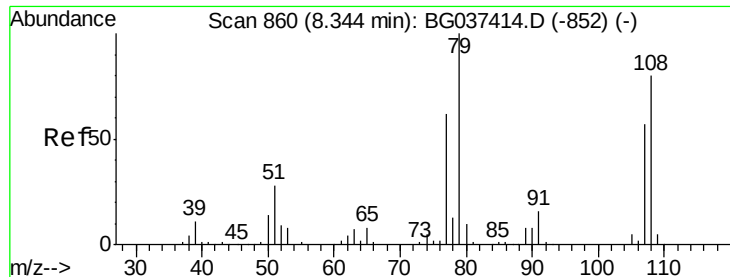
#14
 1,2-Dichlorobenzene
 Concen: 40.697 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:146 Resp: 162732
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 41.1 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.327 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

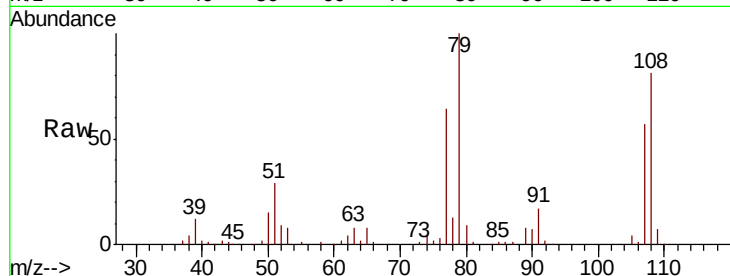
Tot Ion: 79 Resp: 151048

Ion Ratio Lower Upper

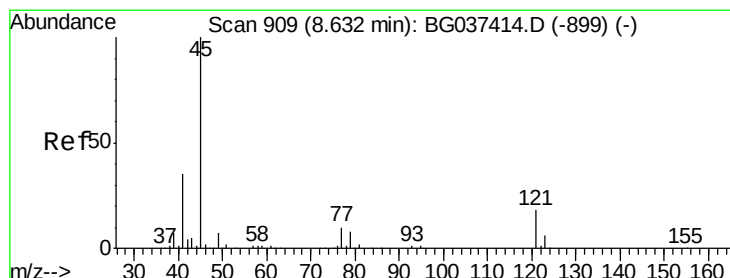
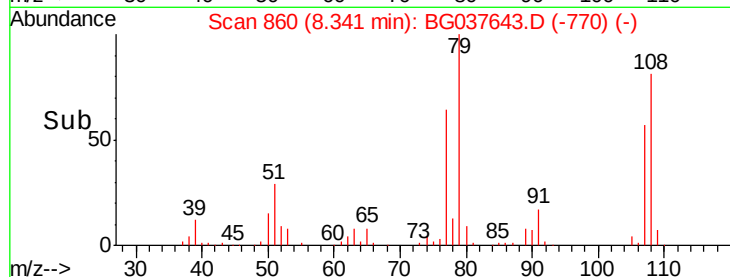
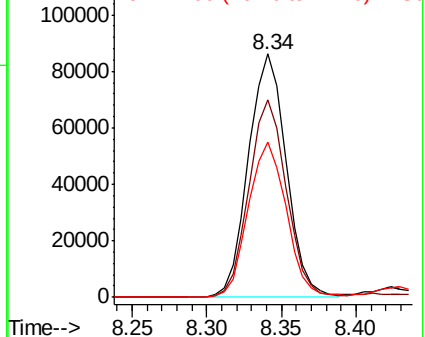
79 100

108 81.2 65.8 98.8

77 63.5 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: 41.639 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

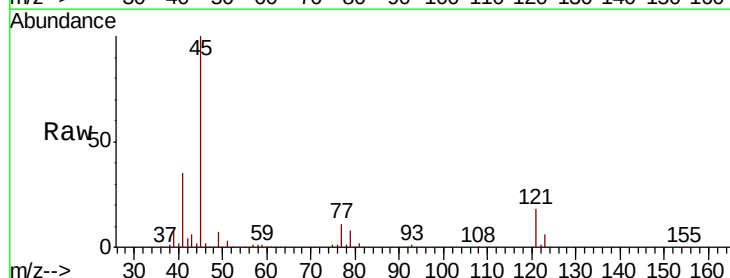
Tgt Ion: 45 Resp: 281700

Ion Ratio Lower Upper

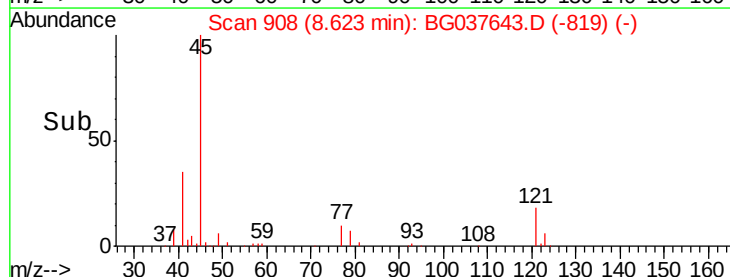
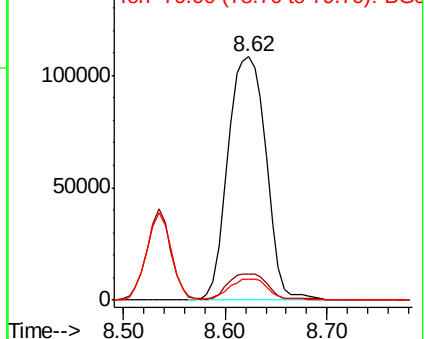
45 100

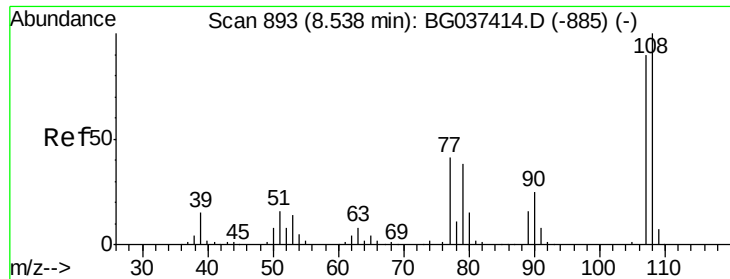
77 10.7 0.0 30.0

79 8.4 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

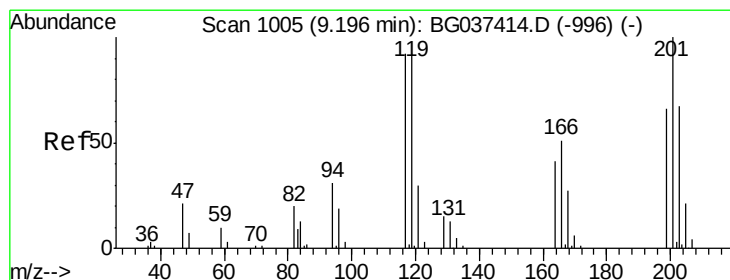
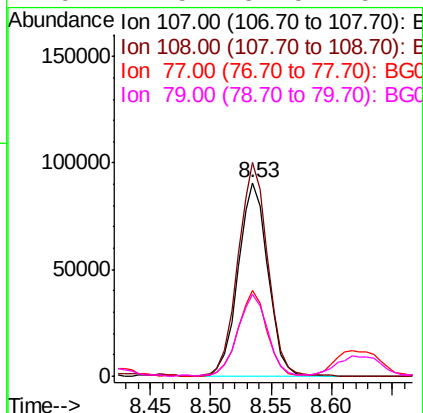
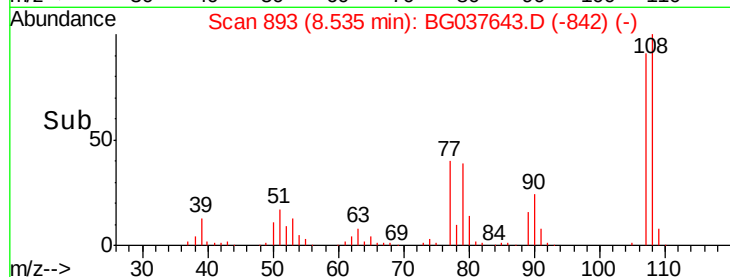
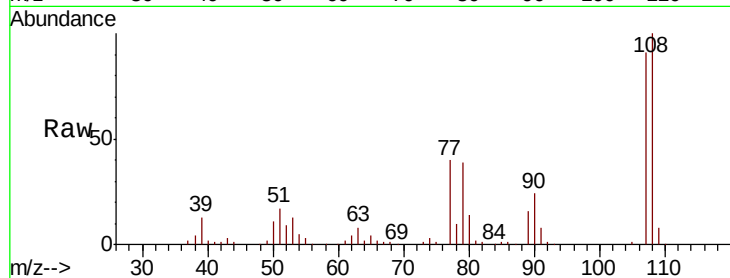




#17
2-Methylphenol
Concen: 47.337 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

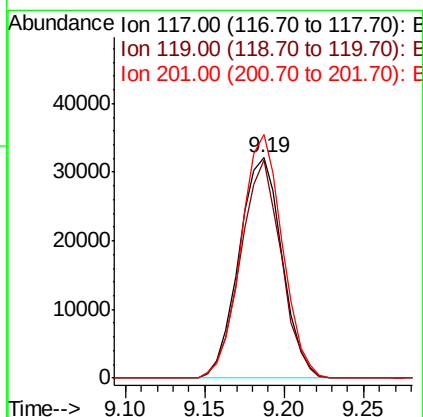
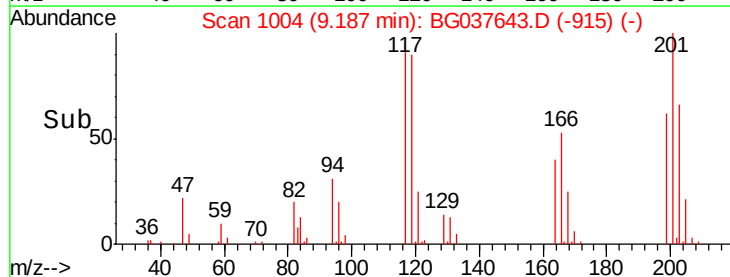
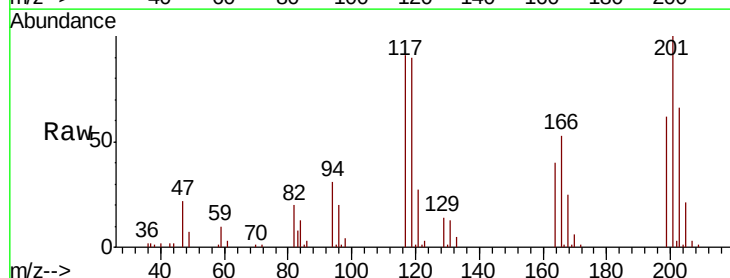
Instrument :
BNA_G
ClientSampleId :
PB114248BS

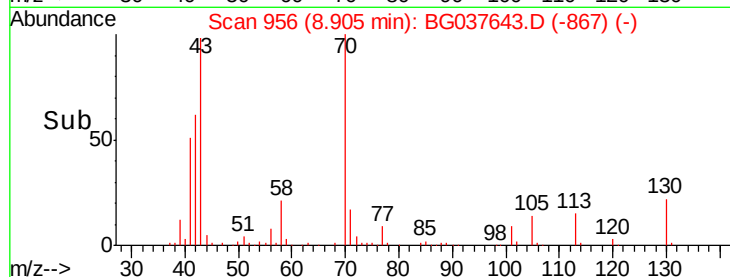
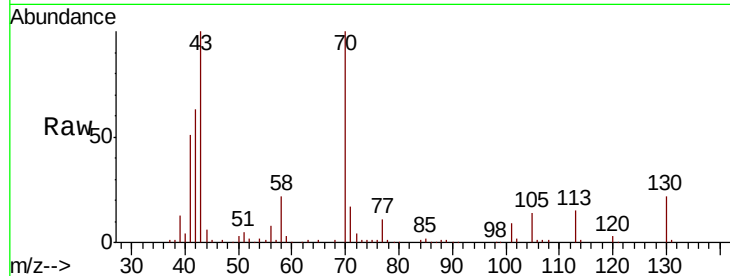
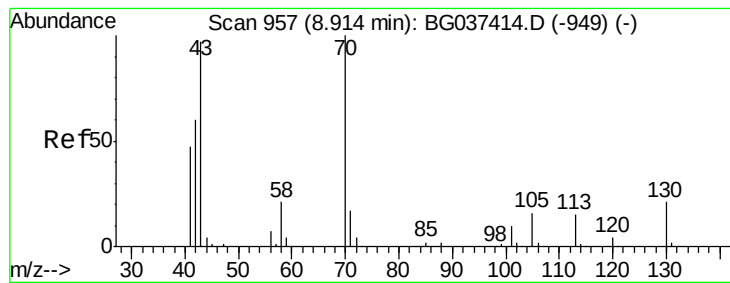
Tot Ion:	107	Resp:	155793
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.9	131.9
77	44.5	35.1	52.7
79	42.5	34.5	51.7



#18
Hexachloroethane
Concen: 42.730 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:	117	Resp:	60554
Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.6	111.8
201	110.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 39.155 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion: 70 Resp: 127214

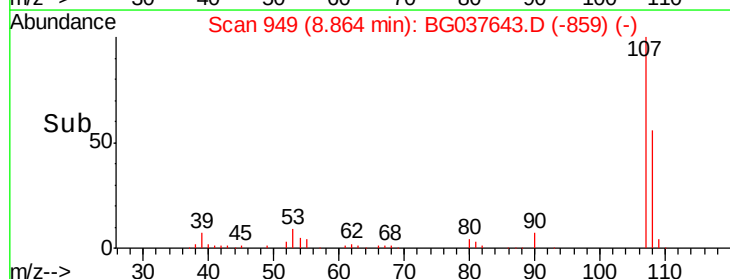
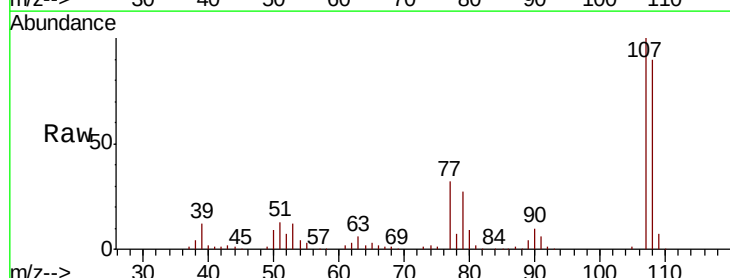
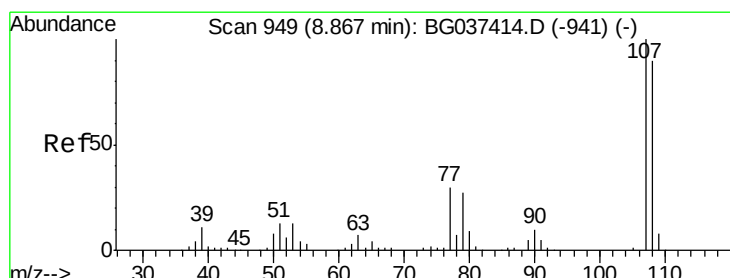
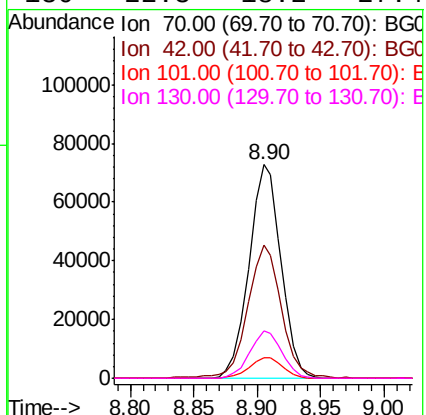
Ion Ratio Lower Upper

70 100

42 62.6 53.9 80.9

101 9.5 8.2 12.2

130 22.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 45.953 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion: 107 Resp: 216231

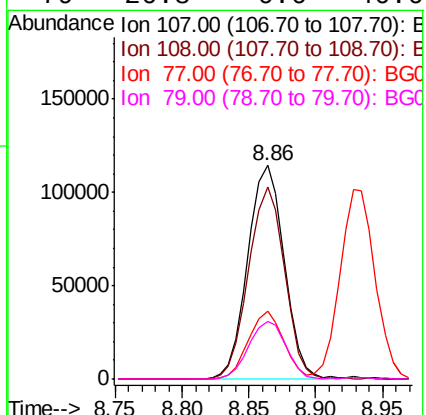
Ion Ratio Lower Upper

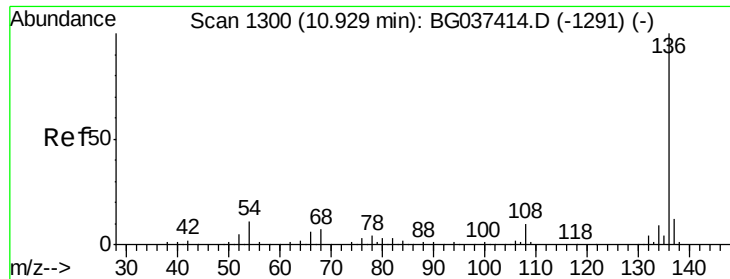
107 100

108 89.8 69.9 109.9

77 31.7 11.2 51.2

79 26.8 6.6 46.6

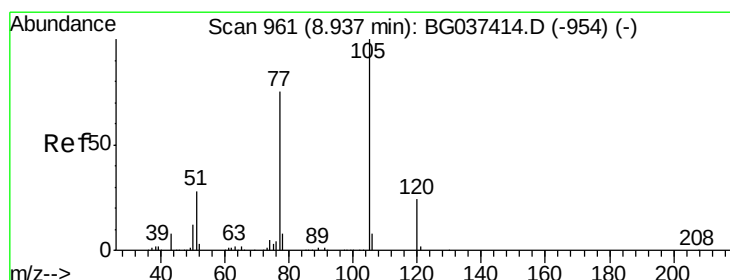
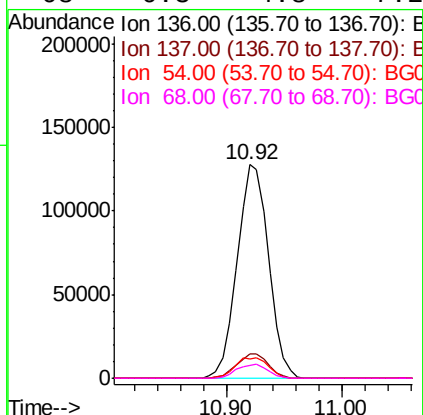
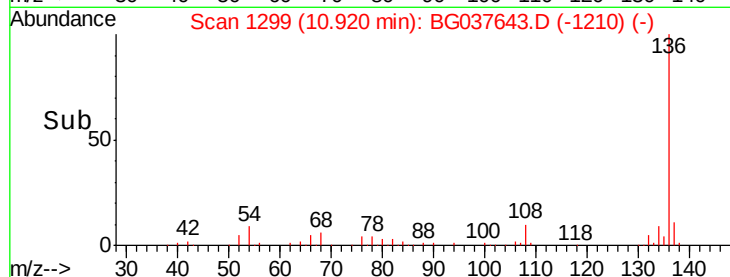
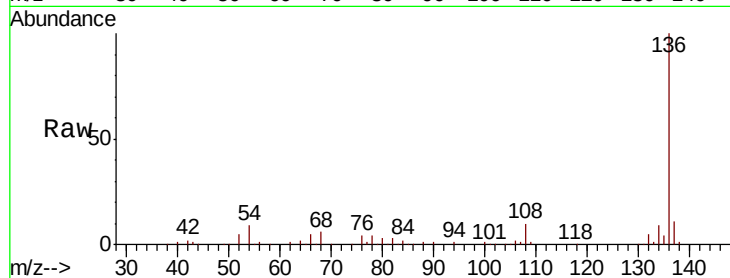




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

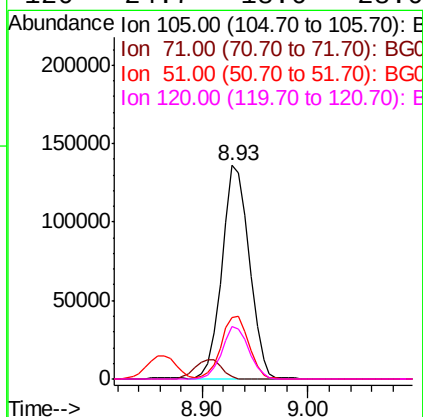
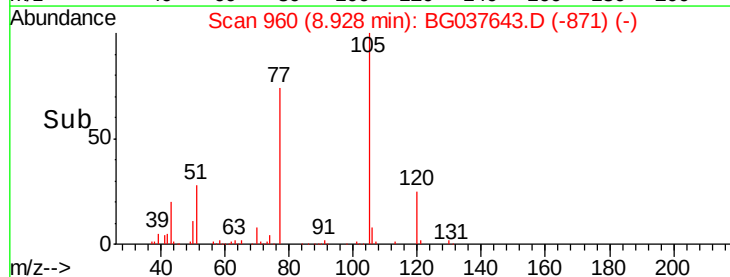
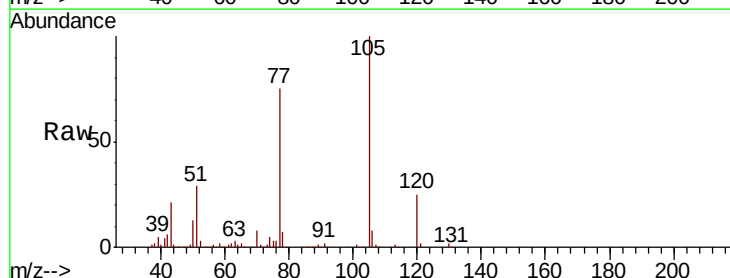
Instrument :
BNA_G
ClientSampleId :
PB114248BS

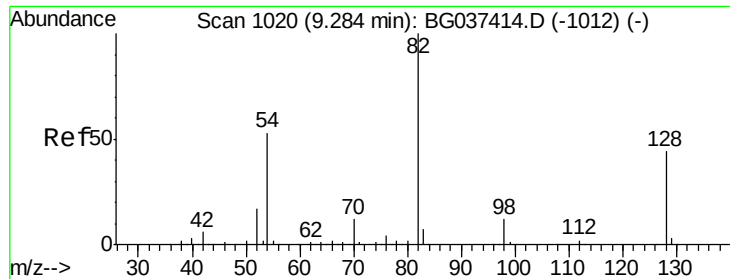
Tot Ion:136	Resp:	240634
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	9.3	7.9 11.9
68	6.3	4.8 7.2



#22
Acetophenone
Concen: 40.522 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:105	Resp:	244547
Ion	Ratio	Lower Upper
105	100	
71	1.4	1.2 1.8
51	28.9	25.0 37.6
120	24.7	18.6 28.0

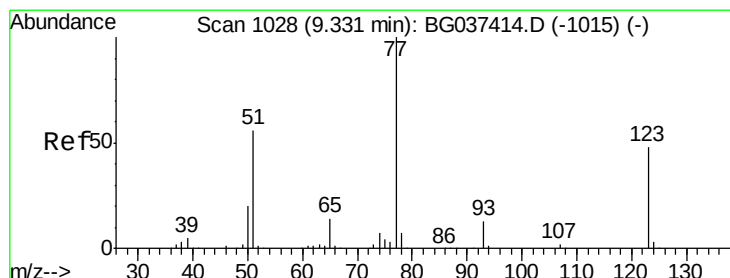
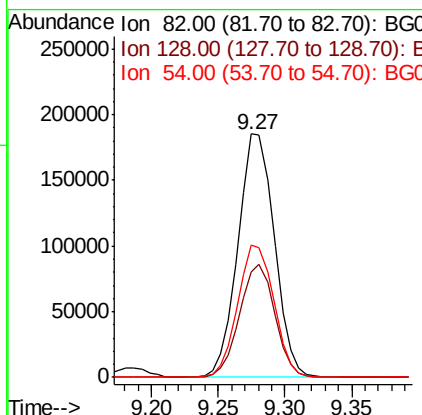
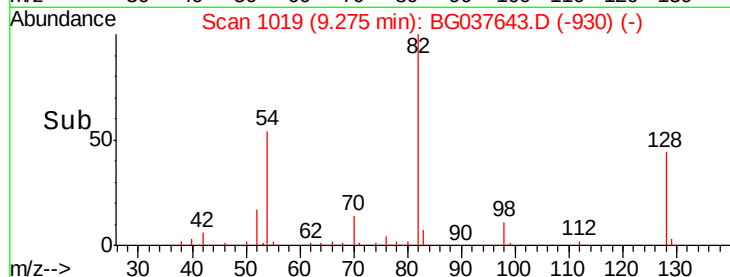
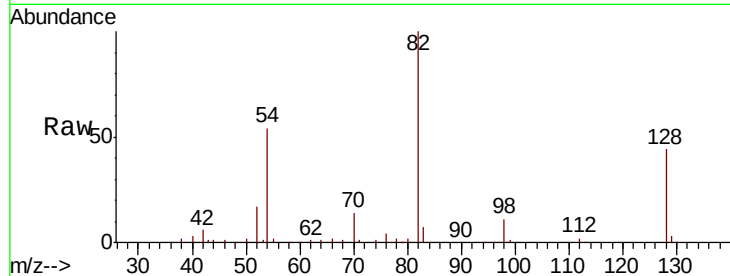




#23
Nitrobenzene-d5
Concen: 81.961 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

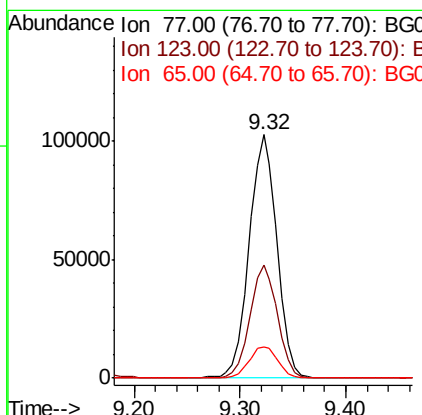
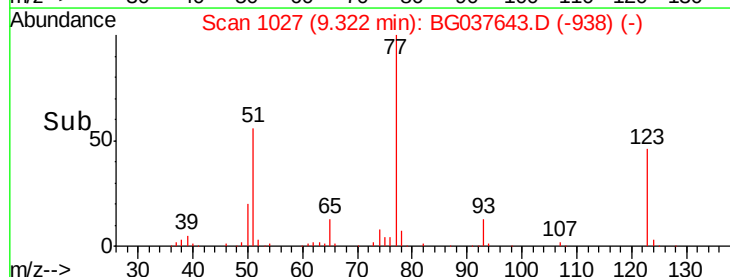
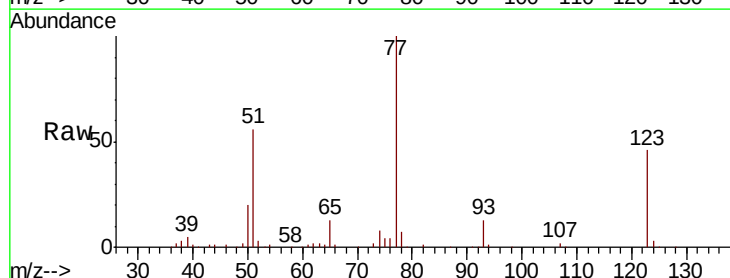
Instrument :
BNA_G
ClientSampleId :
PB114248BS

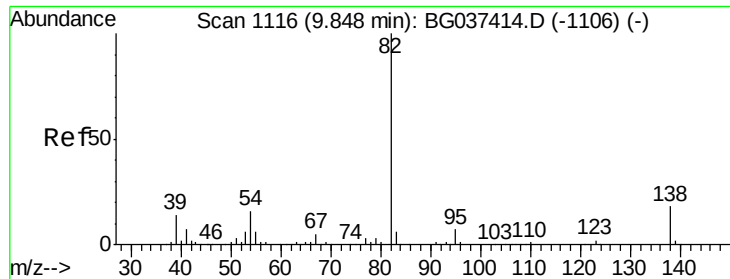
Tot Ion: 82 Resp: 352070
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 54.3 45.3 67.9



#24
Nitrobenzene
Concen: 42.053 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion: 77 Resp: 187659
Ion Ratio Lower Upper
77 100
123 46.5 33.6 50.4
65 13.0 11.3 16.9

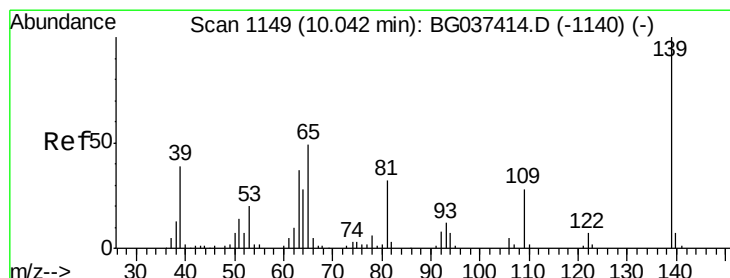
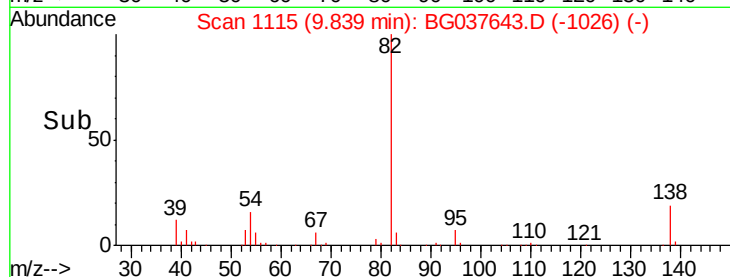
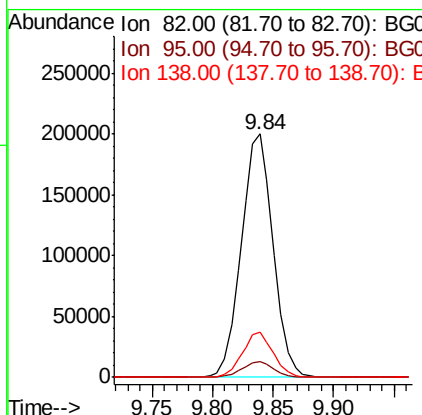
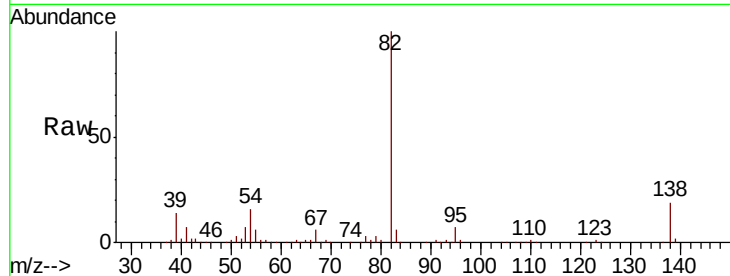




#25
Isophorone
Concen: 46.467 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

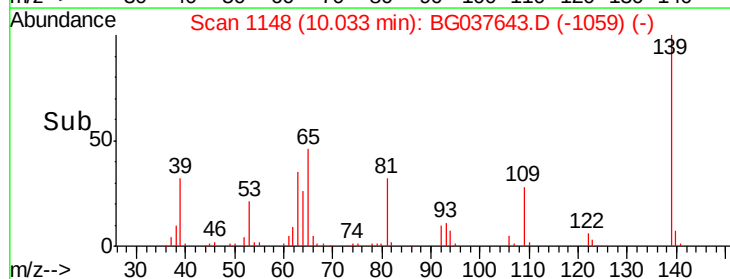
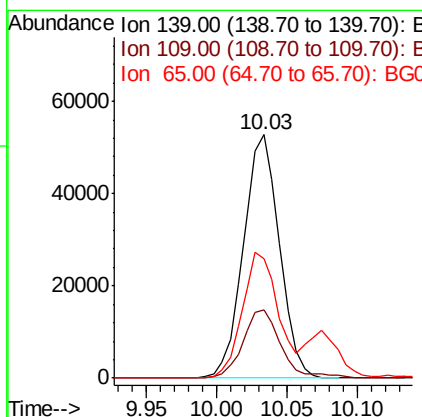
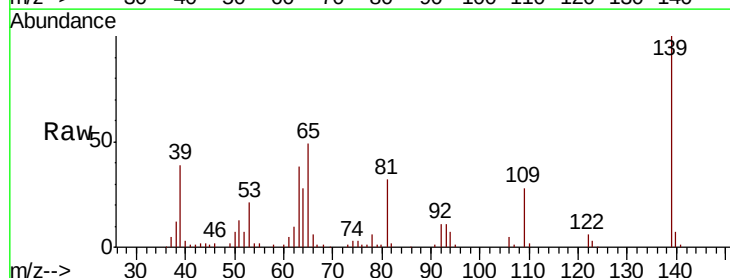
Instrument :
BNA_G
ClientSampleId :
PB114248BS

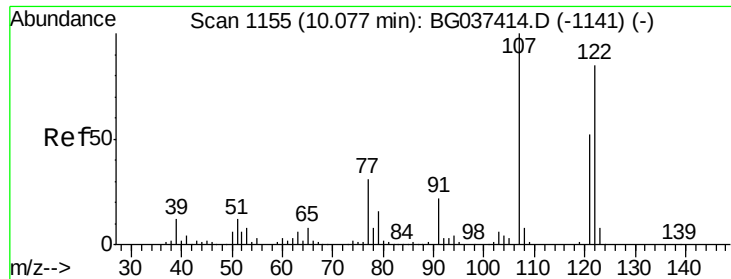
Tot Ion: 82 Resp: 364709
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 18.7 13.3 19.9



#26
2-Nitrophenol
Concen: 46.766 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion: 139 Resp: 94014
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 49.2 39.8 59.8

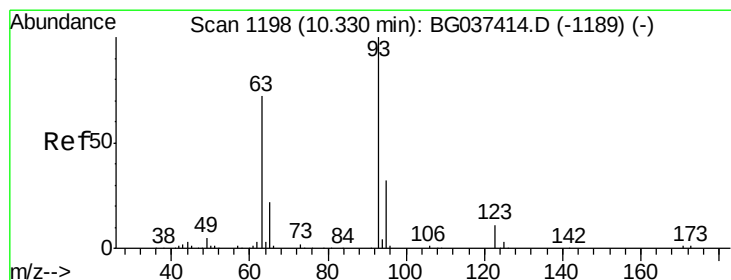
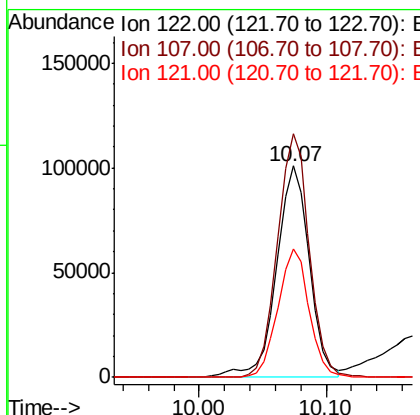
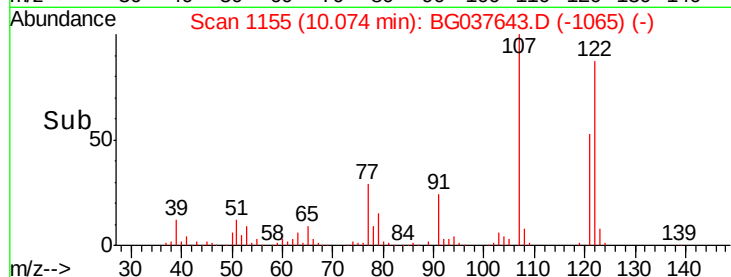
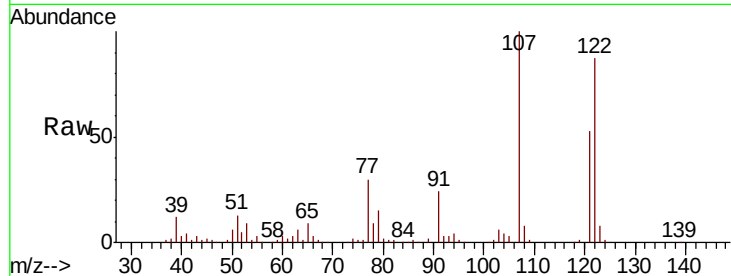




#27
 2,4-Dimethylphenol
 Concen: 50.660 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

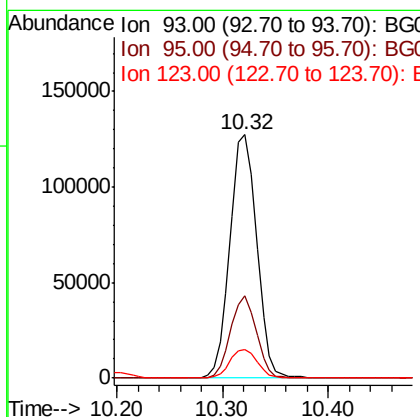
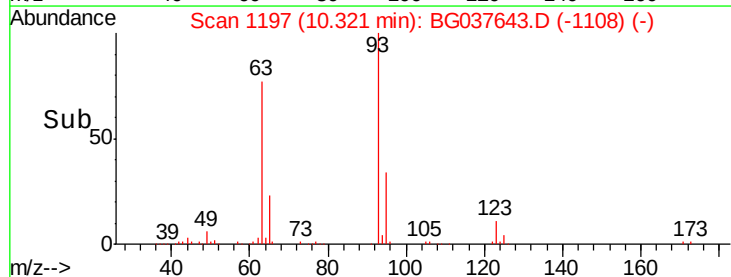
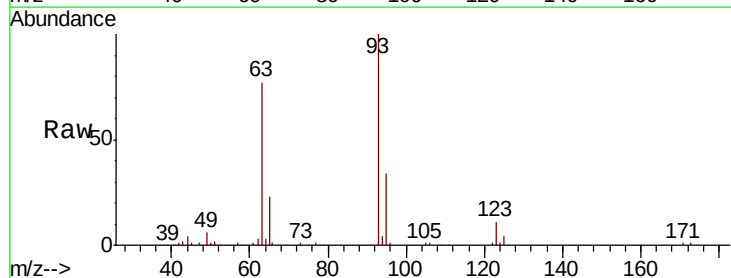
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

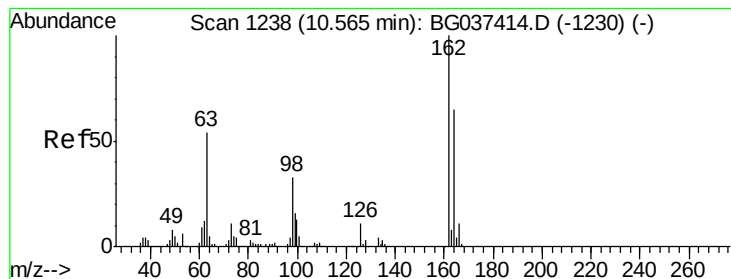
Tot Ion:122 Resp: 181838
 Ion Ratio Lower Upper
 122 100
 107 115.3 94.2 141.2
 121 61.0 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.458 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion: 93 Resp: 223476
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.6 37.0
 123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.272 ng

RT: 10.56 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

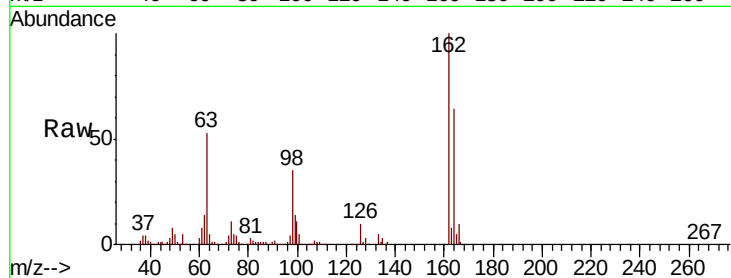
Tot Ion:162 Resp: 184924

Ion Ratio Lower Upper

162 100

164 64.1 43.2 83.2

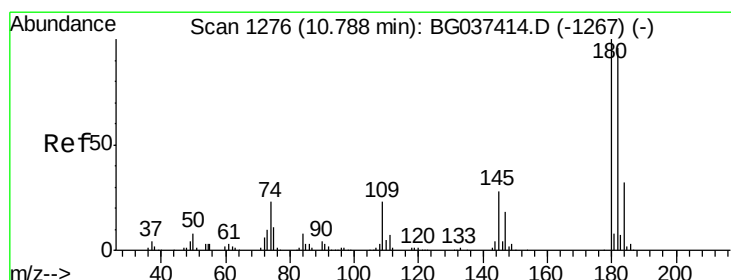
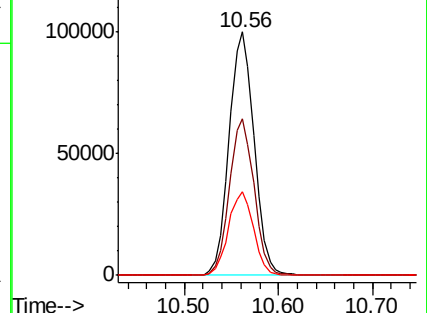
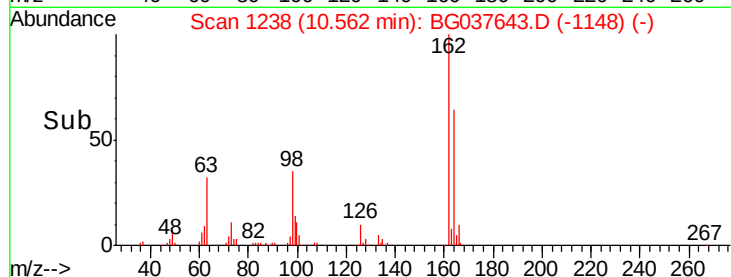
98 34.5 16.0 56.0



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.792 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

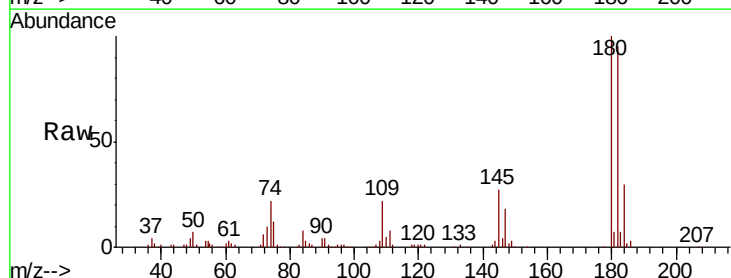
Tgt Ion:180 Resp: 172935

Ion Ratio Lower Upper

180 100

182 94.8 77.7 116.5

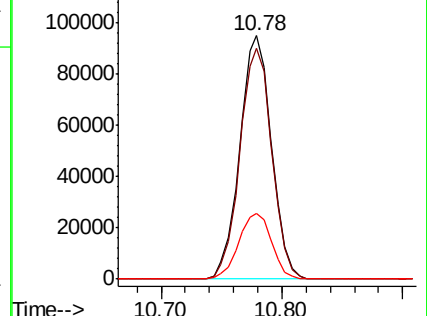
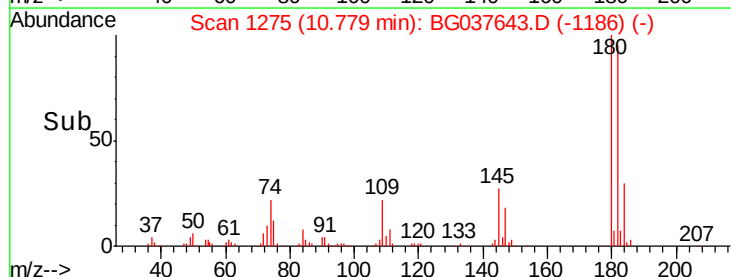
145 27.0 23.3 34.9

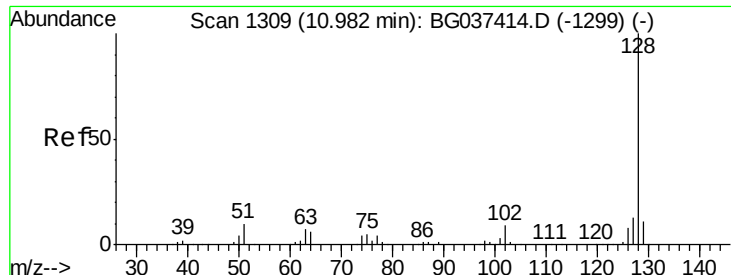


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

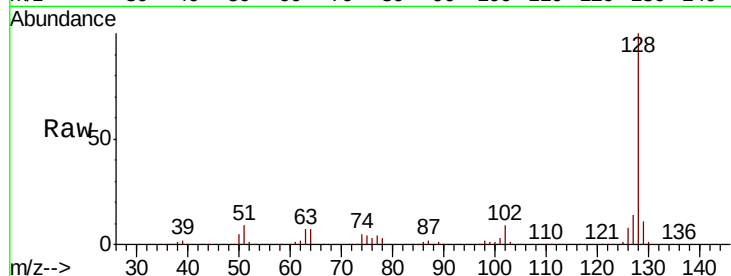




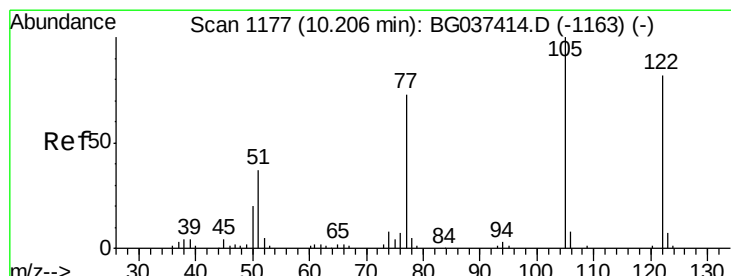
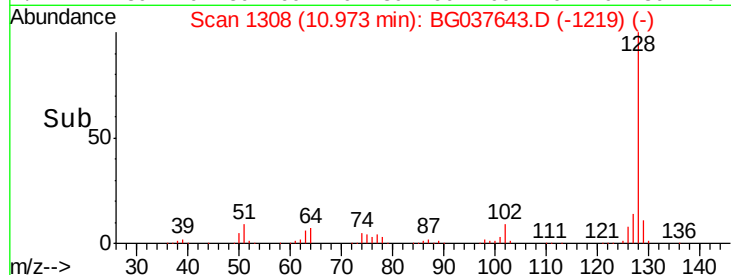
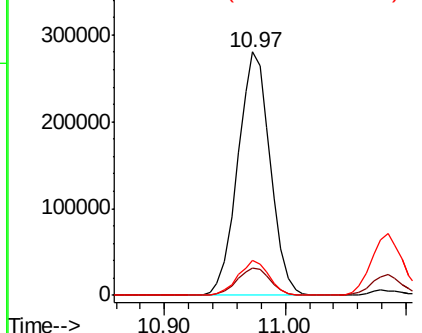
#31
Naphthalene
Concen: 44.115 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:128 Resp: 521407
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.3 11.1 16.7

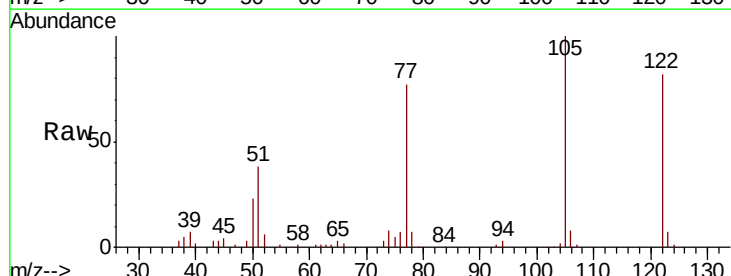


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

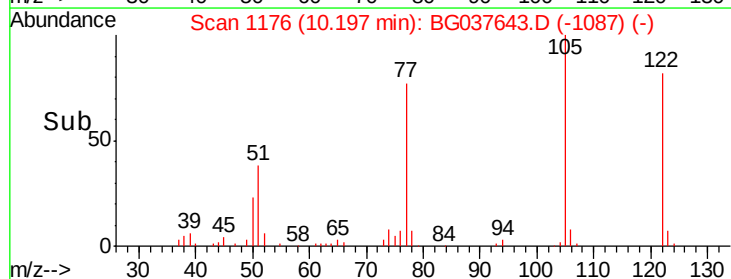
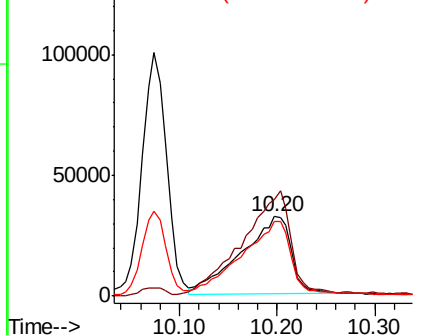


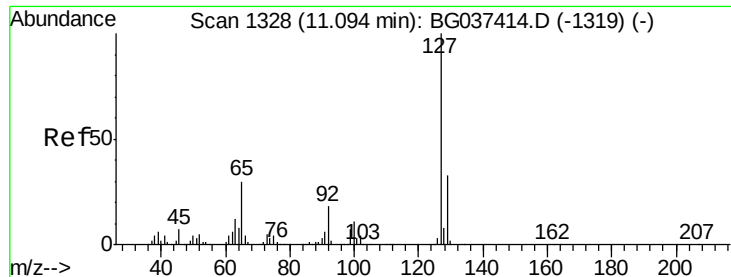
#32
Benzoic acid
Concen: 49.179 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:122 Resp: 114651
Ion Ratio Lower Upper
122 100
105 121.9 106.7 146.7
77 93.6 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): BGO

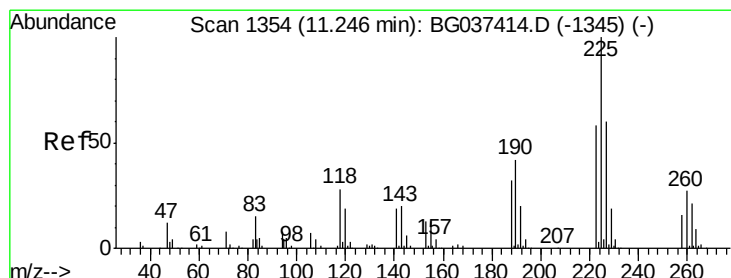
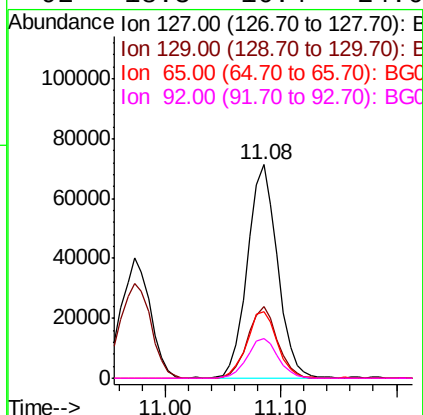
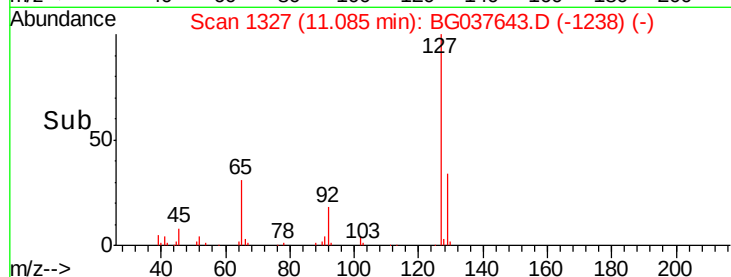
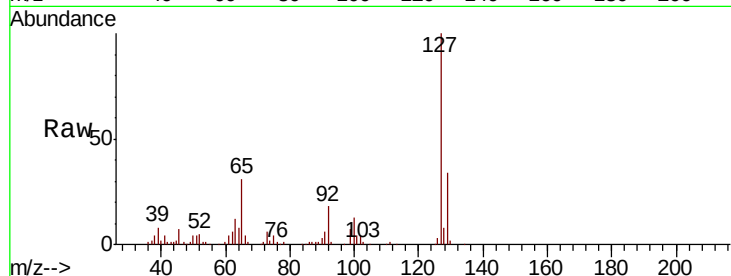




#33
4-Chloroaniline
Concen: 23.338 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

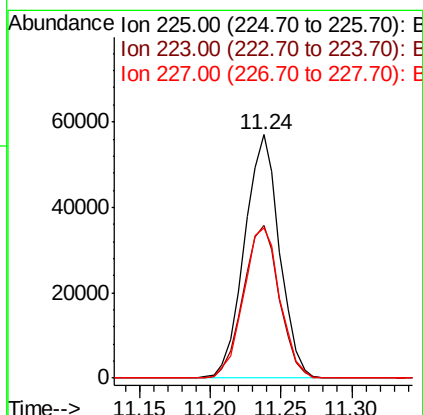
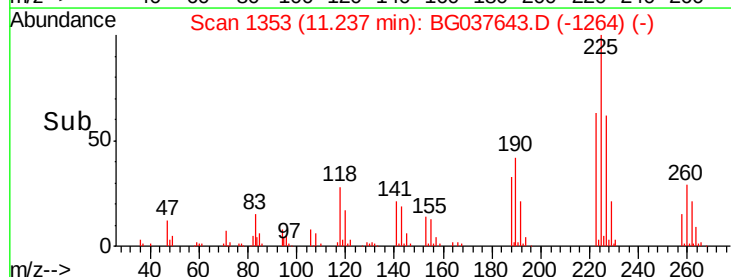
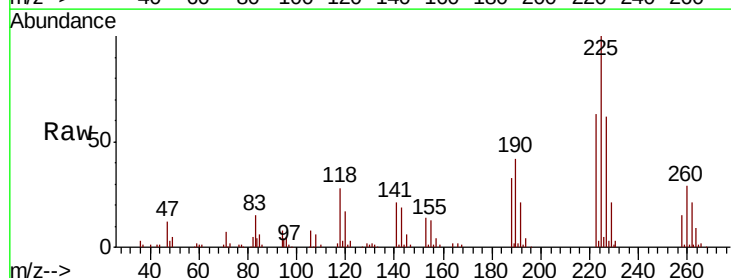
Instrument :
BNA_G
ClientSampleId :
PB114248BS

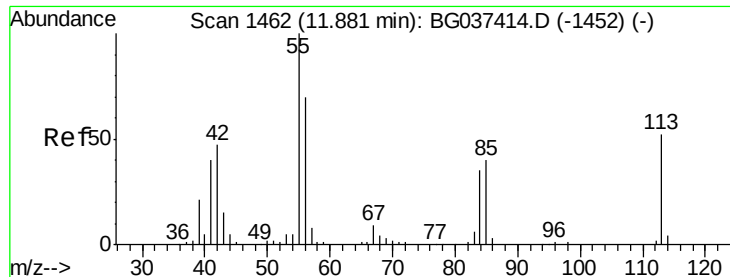
Tot Ion:	127	Resp:	129605
Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.1	40.7
65	31.0	26.6	39.8
92	18.3	16.4	24.6



#34
Hexachlorobutadiene
Concen: 38.388 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:	225	Resp:	98879
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.2	72.4
227	62.2	51.6	77.4





#35

Caprolactam

Concen: 26.054 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

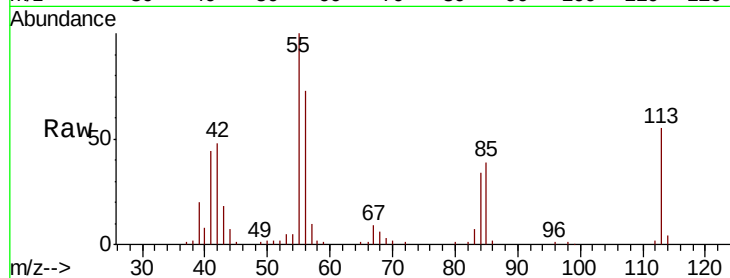
Tot Ion:113 Resp: 41759

Ion Ratio Lower Upper

113 100

55 181.0 176.6 216.6

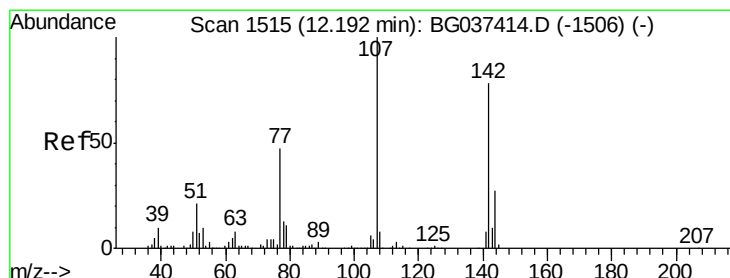
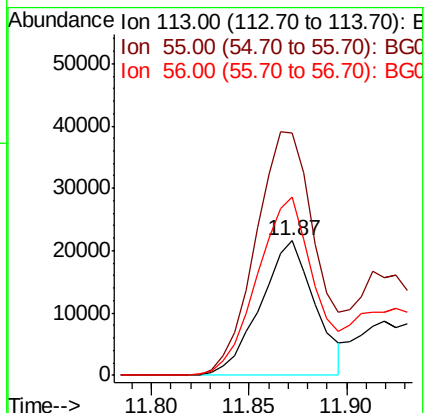
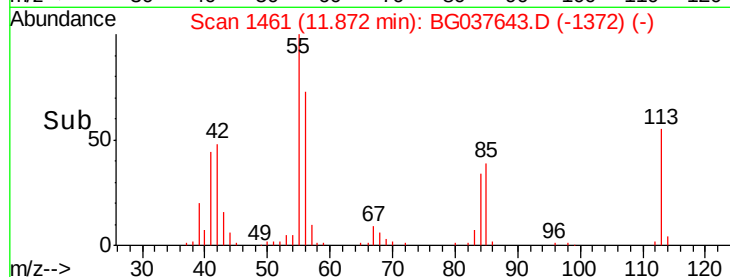
56 133.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.125 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

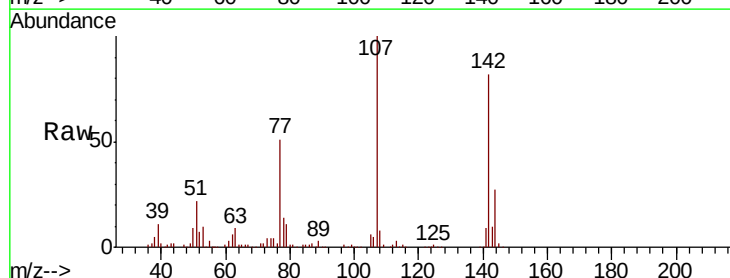
Tgt Ion:107 Resp: 203382

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

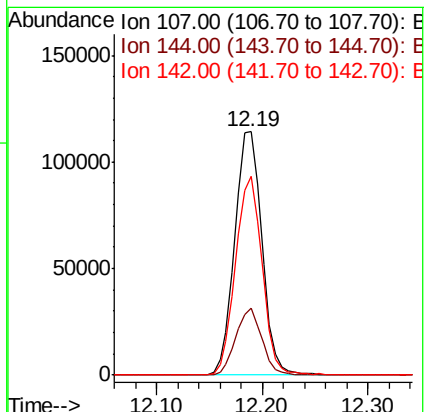
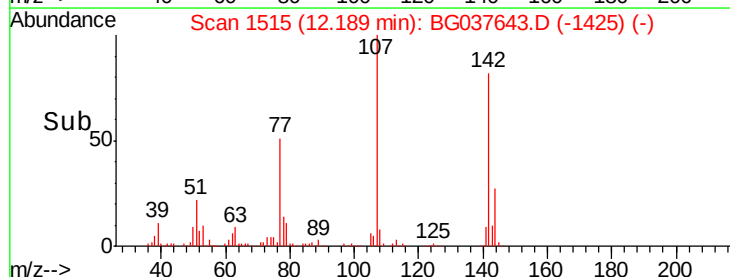
142 81.7 64.4 96.6

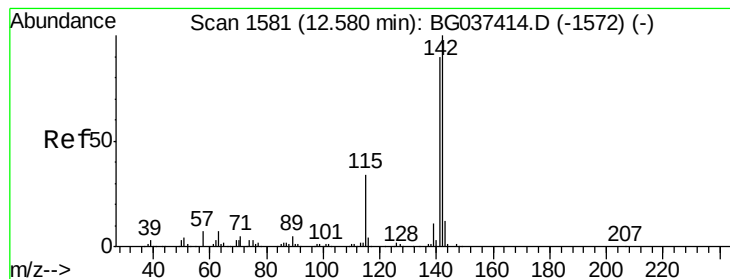


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.453 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

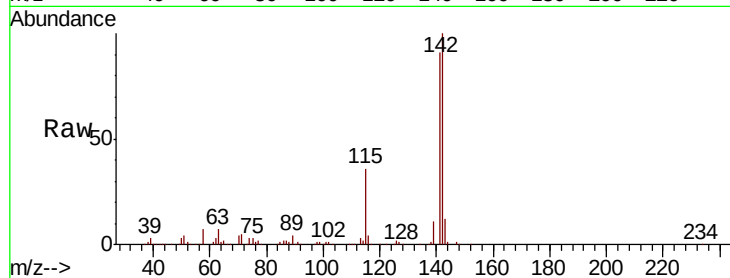
Tot Ion:142 Resp: 391612

Ion Ratio Lower Upper

142 100

141 90.7 71.9 107.9

115 35.6 27.8 41.8

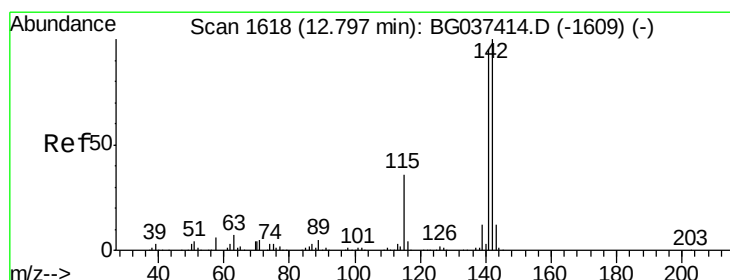
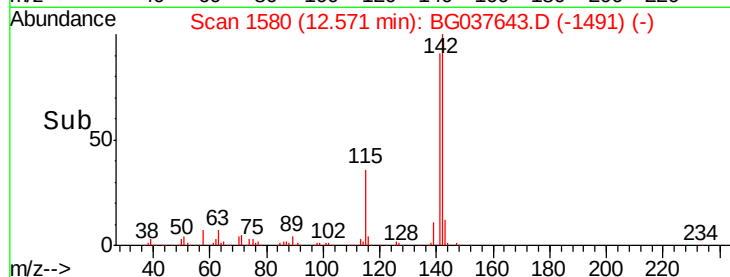
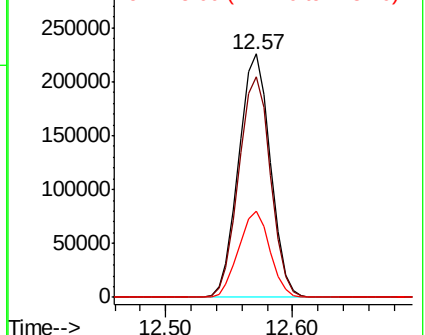


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.671 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

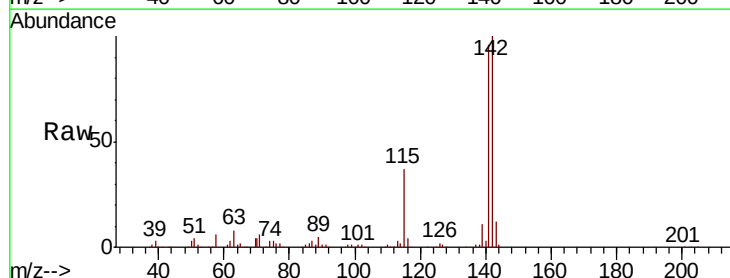
Tgt Ion:142 Resp: 373775

Ion Ratio Lower Upper

142 100

141 95.9 75.2 112.8

116 4.1 3.3 4.9

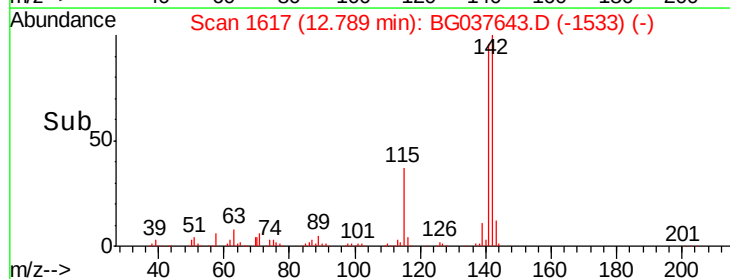
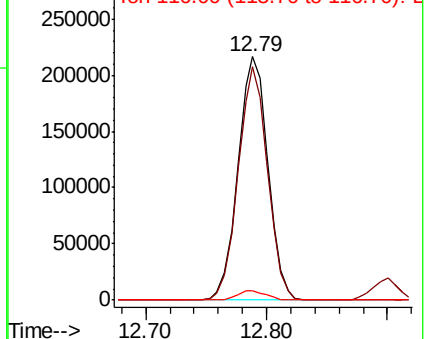


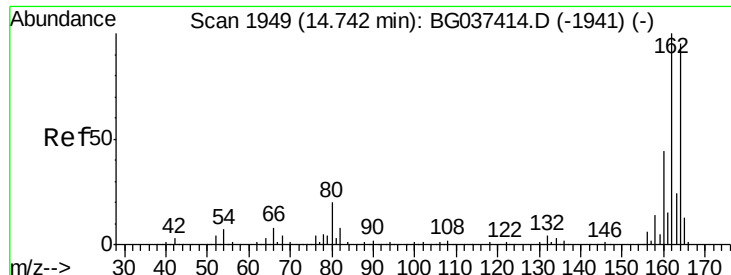
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

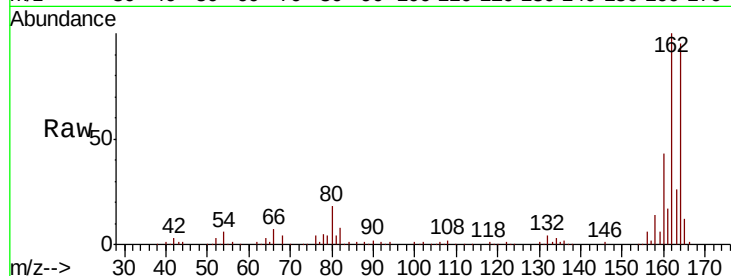
Tot Ion:164 Resp: 161278

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

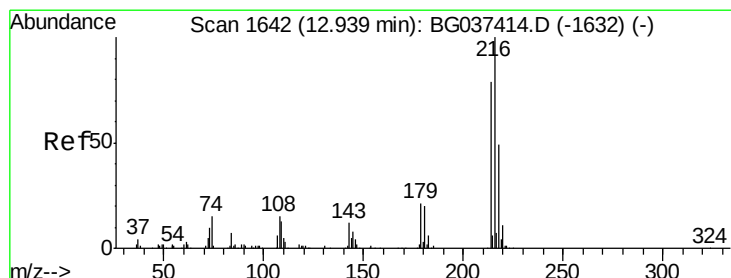
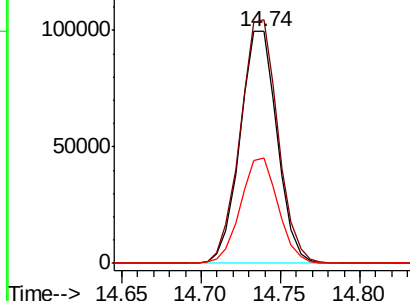
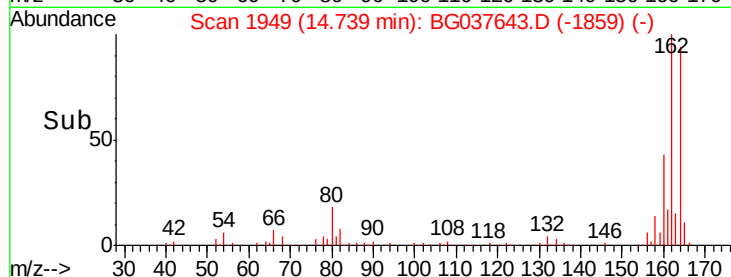
160 45.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.394 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:216 Resp: 199729

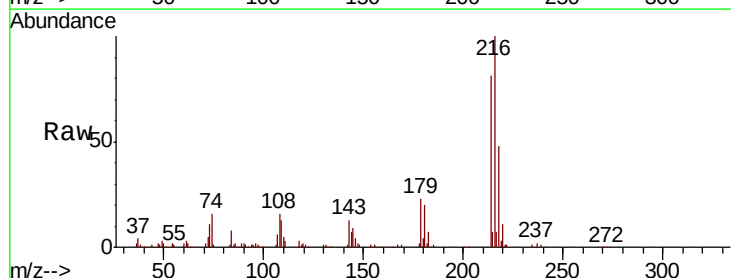
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.4 17.4 26.0

108 19.3 13.9 20.9

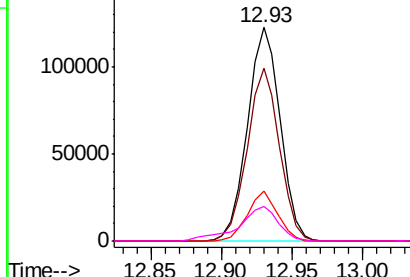
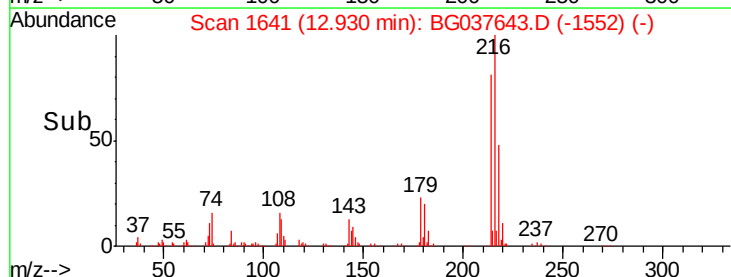


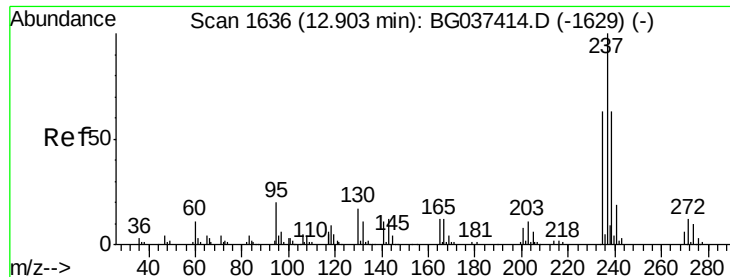
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.971 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

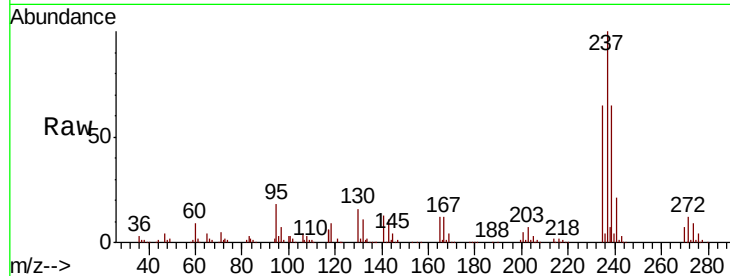
Tot Ion:237 Resp: 248419

Ion Ratio Lower Upper

237 100

235 64.7 42.5 82.5

272 12.3 0.0 31.6

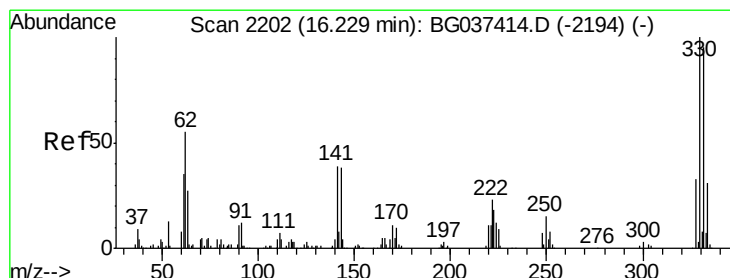
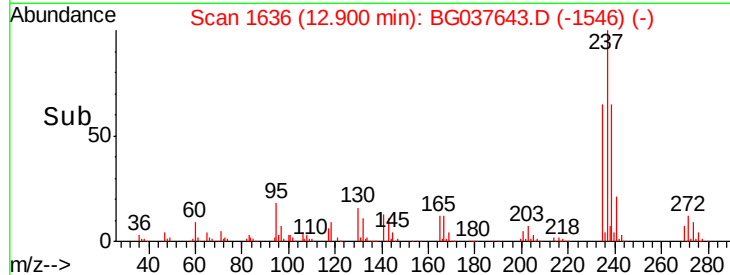
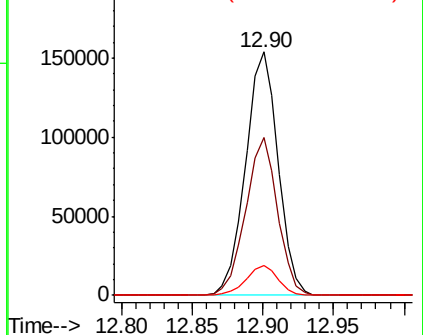


Abundance

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: 164.679 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

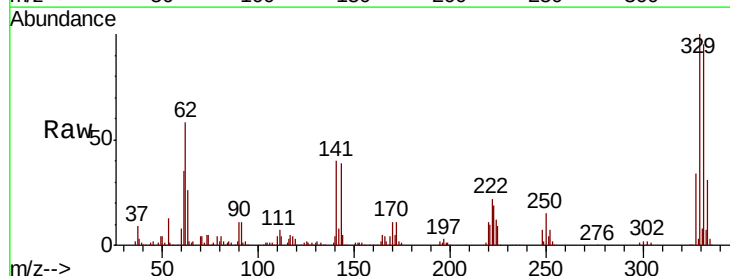
Tgt Ion:330 Resp: 289678

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

141 40.3 32.2 48.2

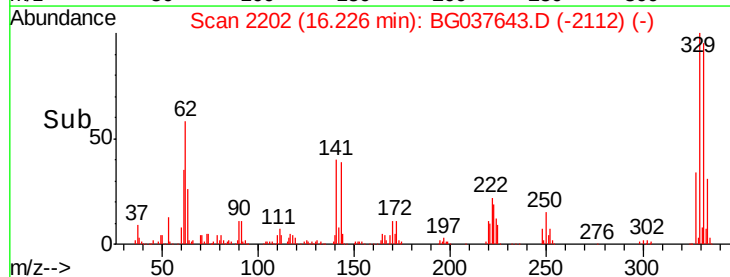
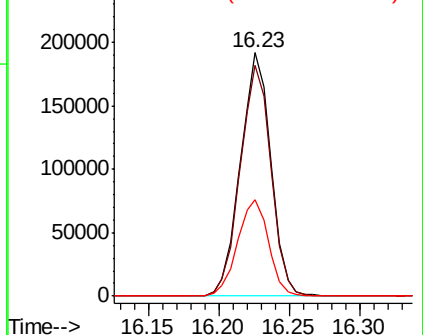


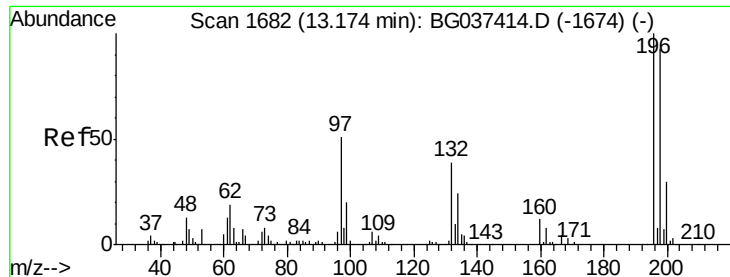
Abundance

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

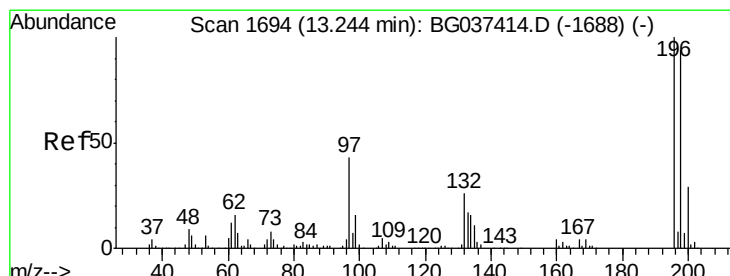
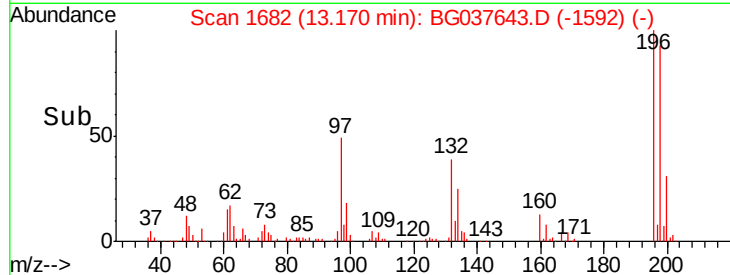
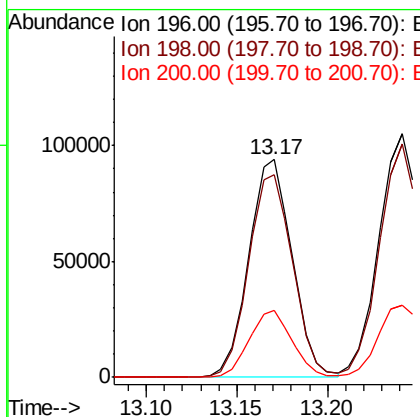
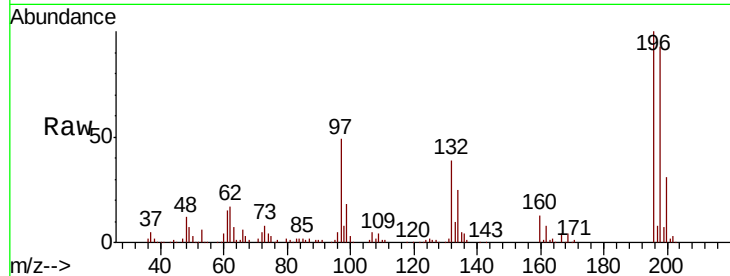




#43
 2,4,6-Trichlorophenol
 Concen: 44.863 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

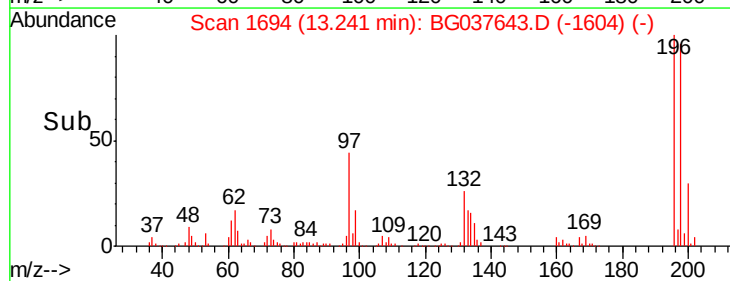
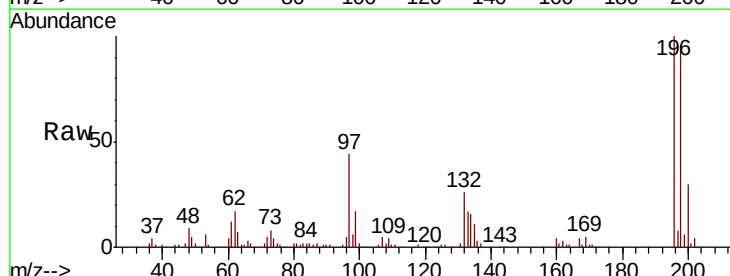
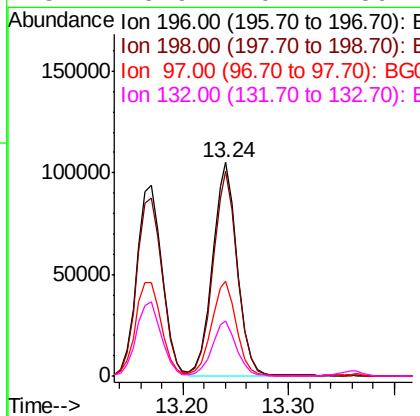
Instrument :
 BNA_G
 ClientSampled :
 PB114248BS

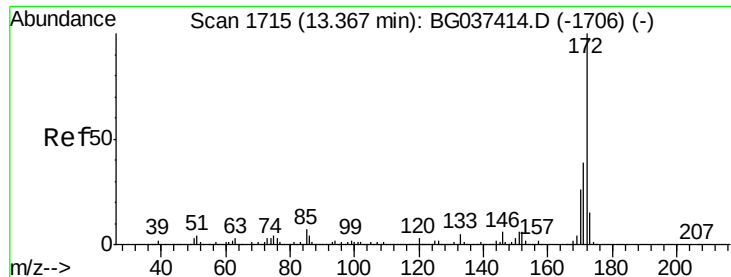
Tot Ion:196 Resp: 155919
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.4 114.6
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.359 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:196 Resp: 171634
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.2
 97 44.3 34.1 51.1
 132 25.9 20.2 30.4

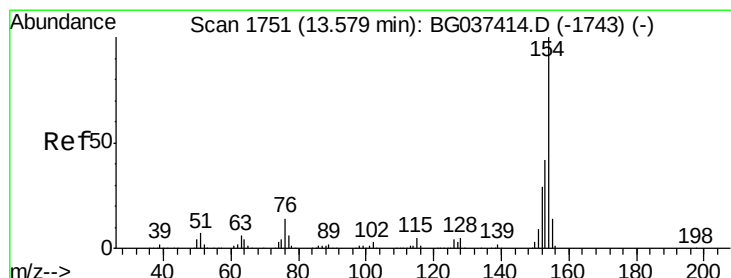
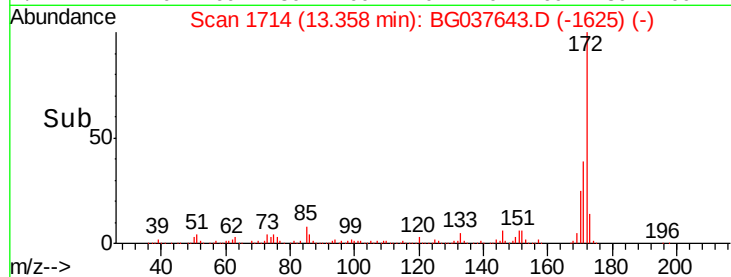
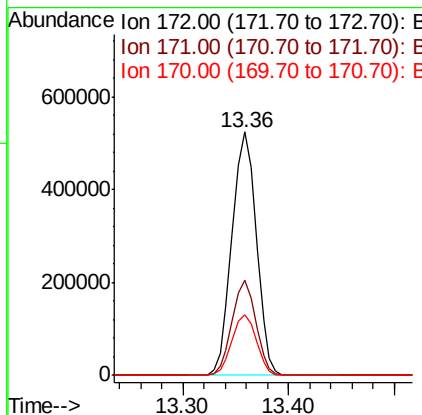
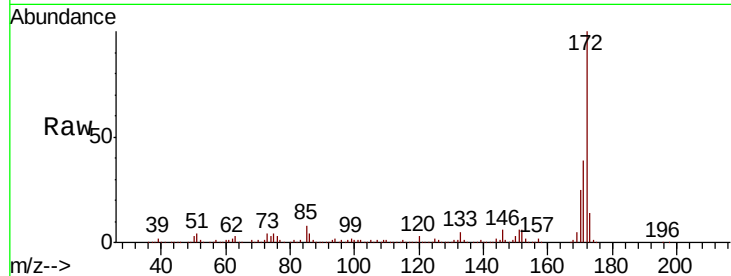




#45
 2-Fluorobiphenyl
 Concen: 78.206 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

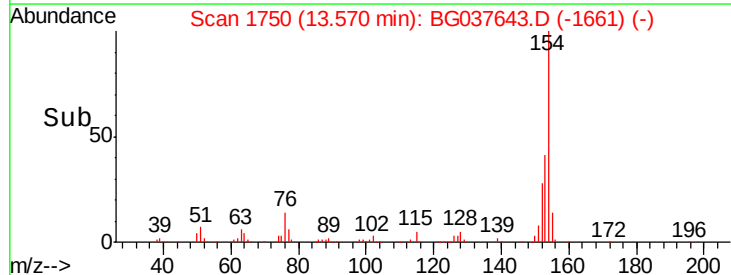
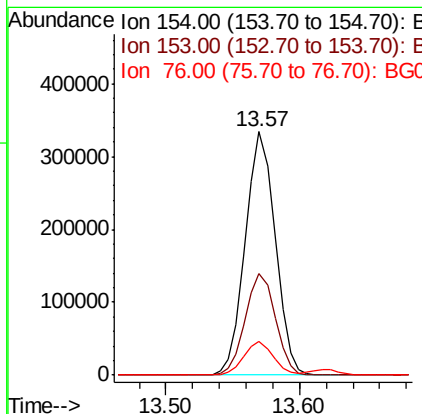
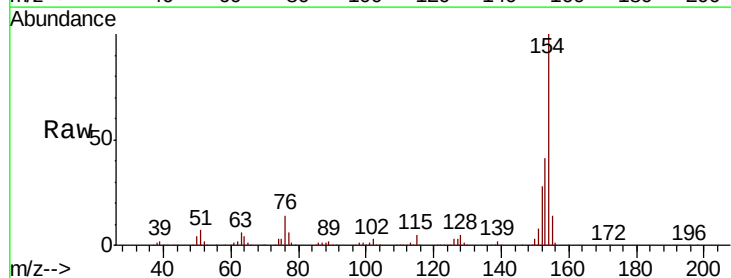
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

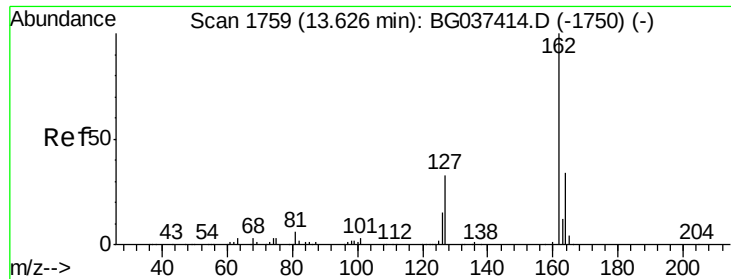
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	24.7	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 38.670 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	13.6	0.0	33.2

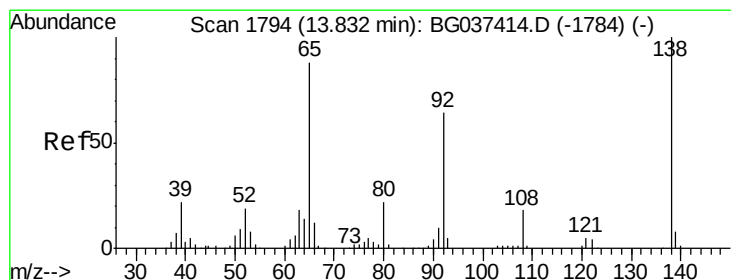
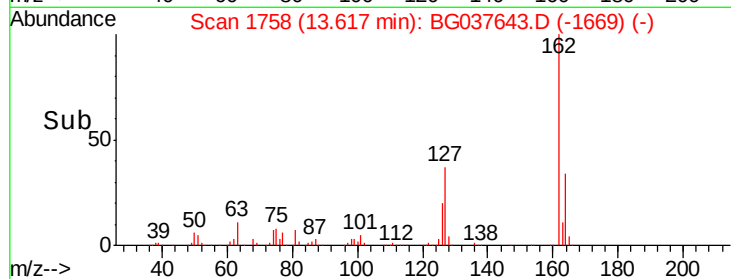
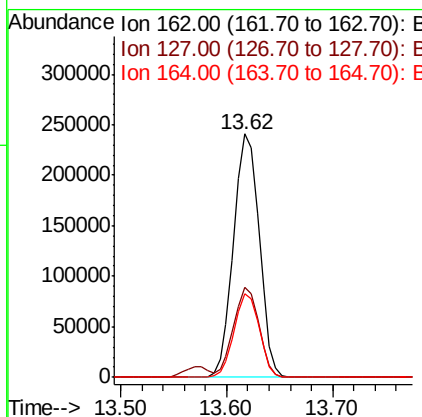
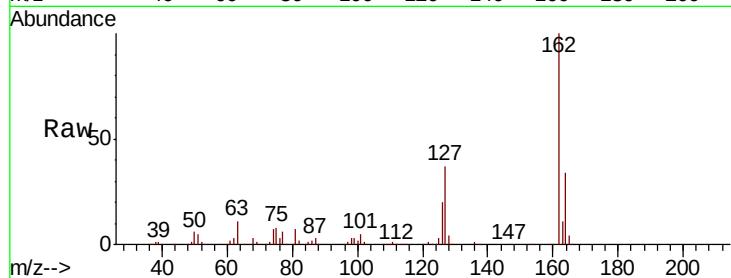




#47
 2-Chloronaphthalene
 Concen: 40.086 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

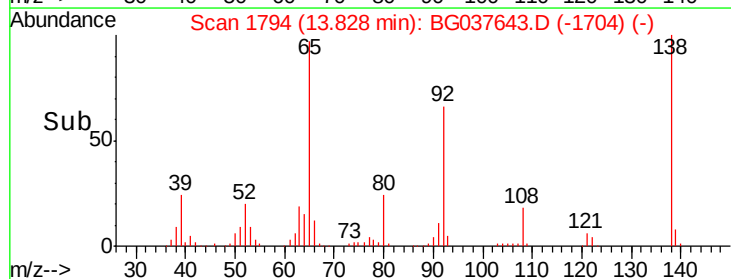
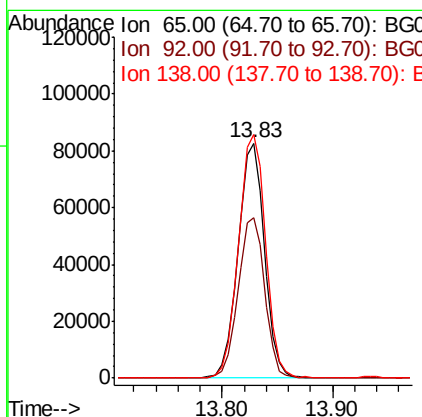
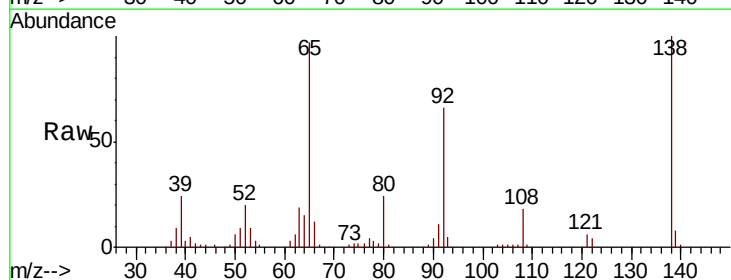
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

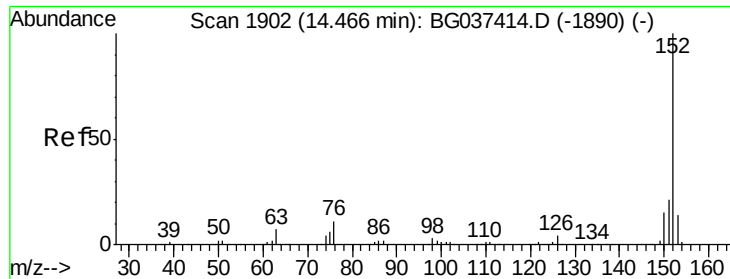
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.5	45.7
164	34.4	26.4	39.6



#48
 2-Nitroaniline
 Concen: 45.468 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.2	79.8
138	103.6	79.3	118.9





#49

Acenaphthylene

Concen: 44.871 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampled :

PB114248BS

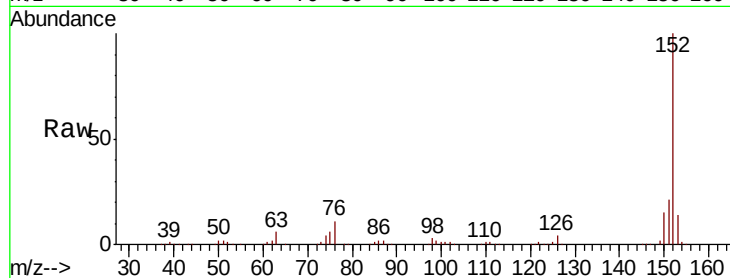
Tot Ion:152 Resp: 682060

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

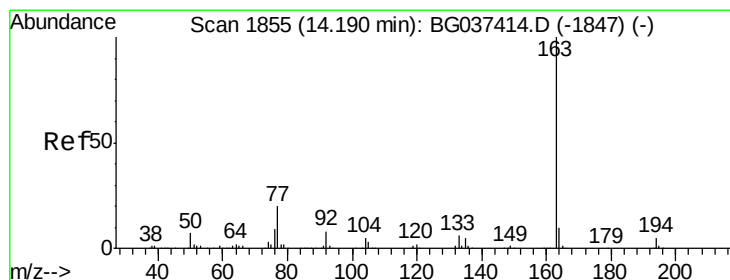
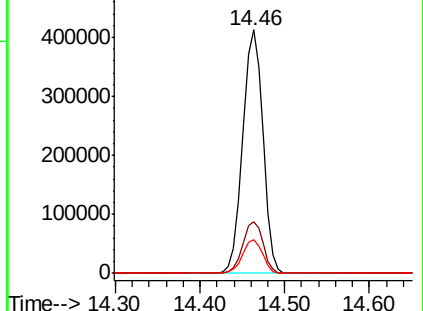
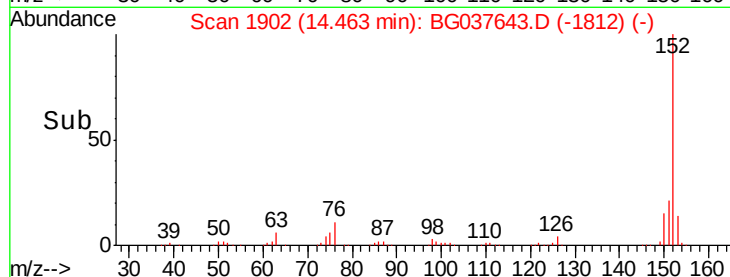
153 13.8 11.1 16.7



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: 42.961 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

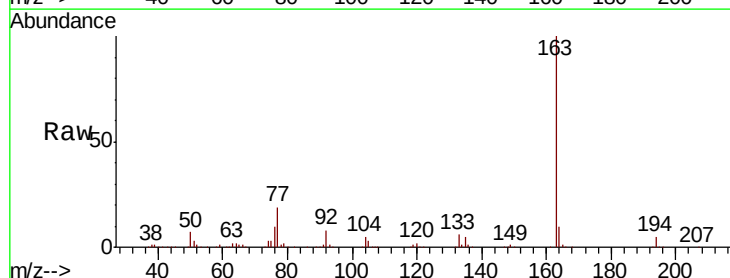
Tgt Ion:163 Resp: 536018

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

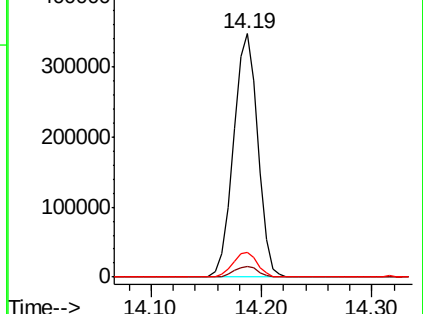
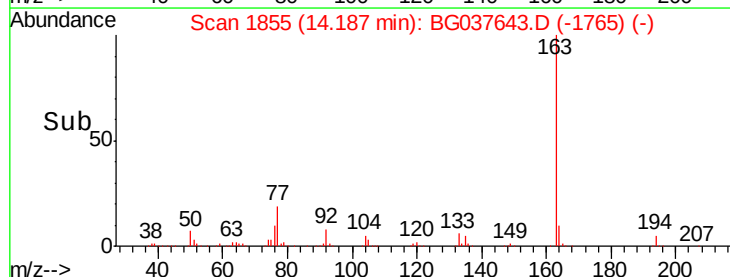
164 10.4 8.5 12.7

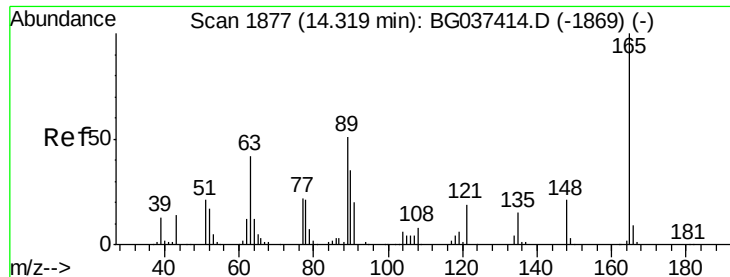


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

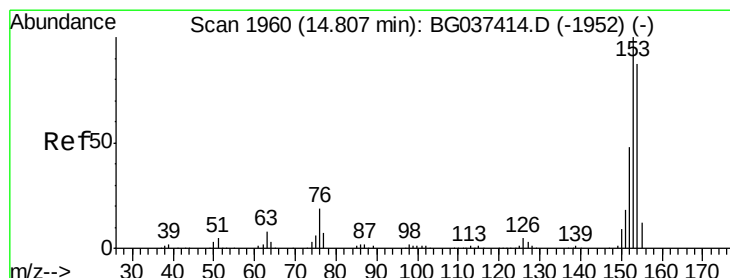
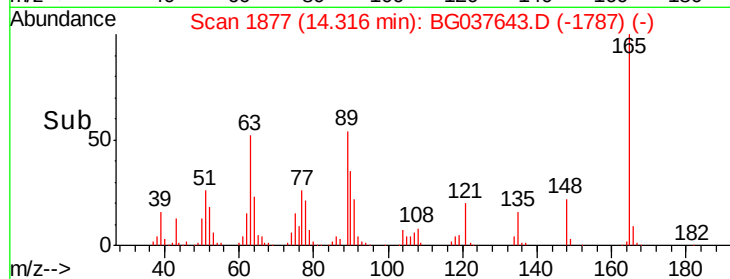
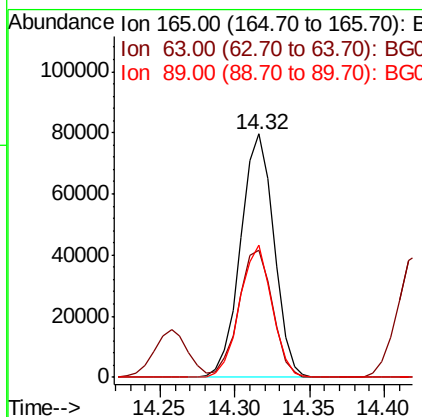
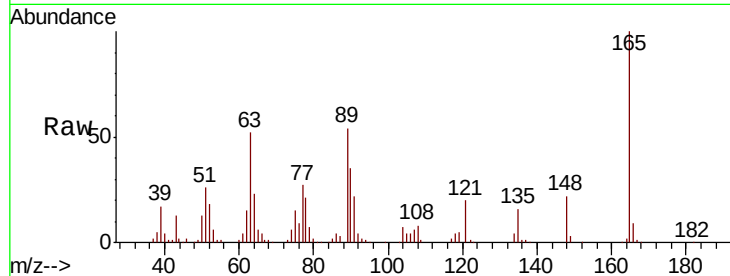




#51
2,6-Dinitrotoluene
Concen: 44.596 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

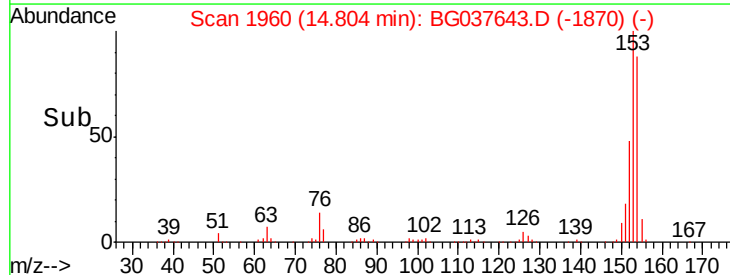
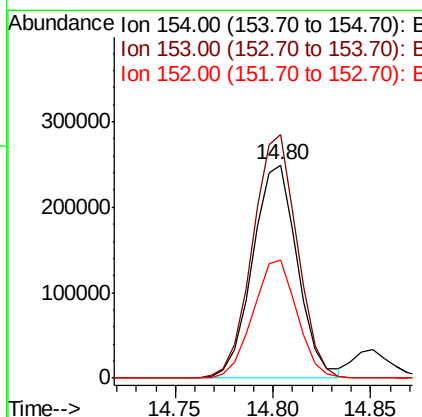
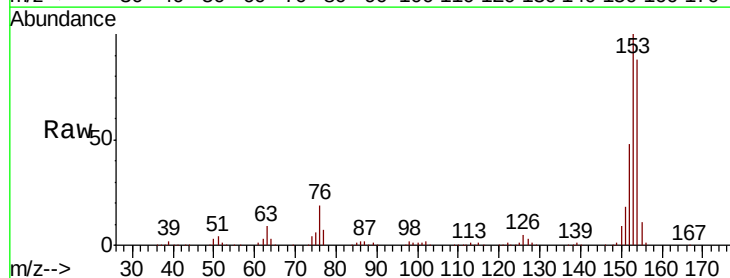
Instrument :
BNA_G
ClientSampleId :
PB114248BS

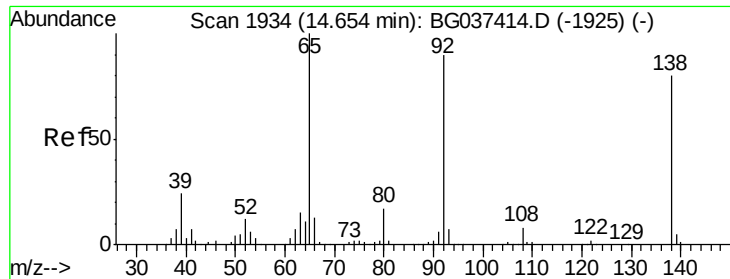
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.4	43.4	65.2
89	54.1	45.8	68.6



#52
Acenaphthene
Concen: 42.396 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	93.4	140.0
152	55.1	44.7	67.1





#53

3-Nitroaniline

Concen: 33.862 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

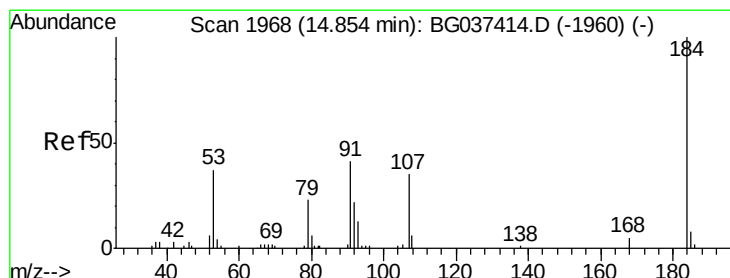
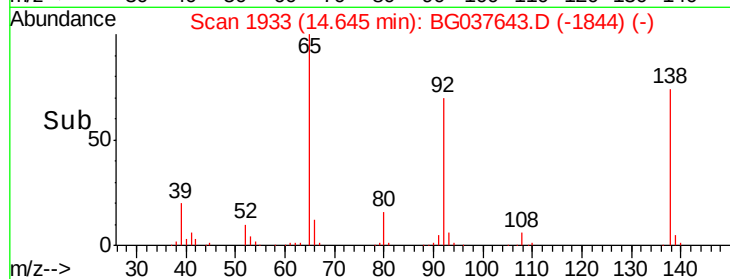
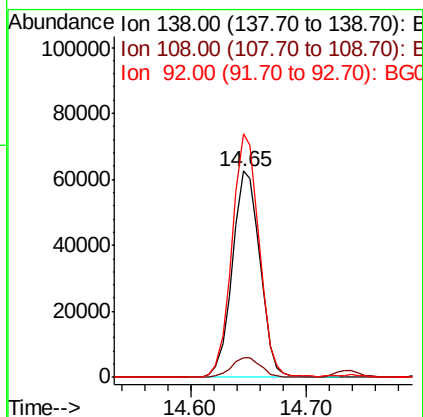
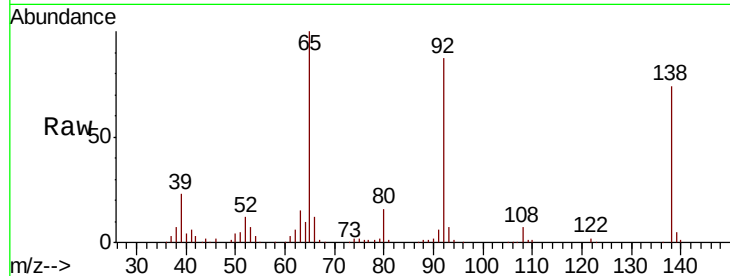
Tot Ion:138 Resp: 103756

Ion Ratio Lower Upper

138 100

108 9.7 11.0 16.6#

92 118.1 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 77.711 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

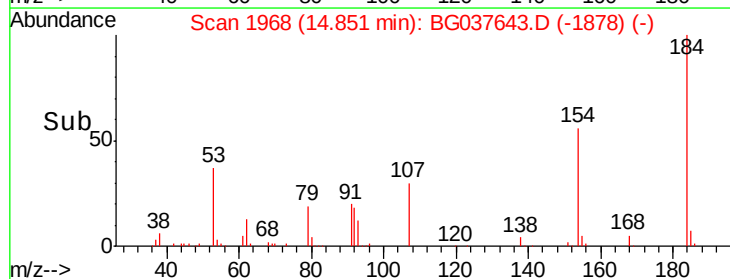
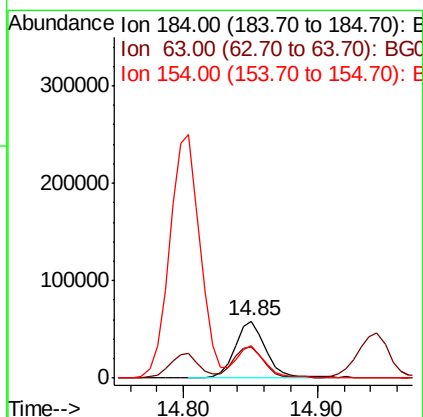
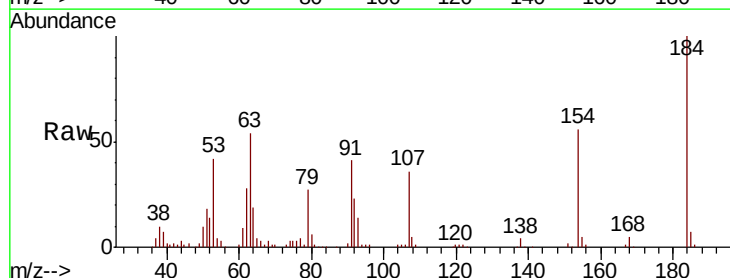
Tgt Ion:184 Resp: 93401

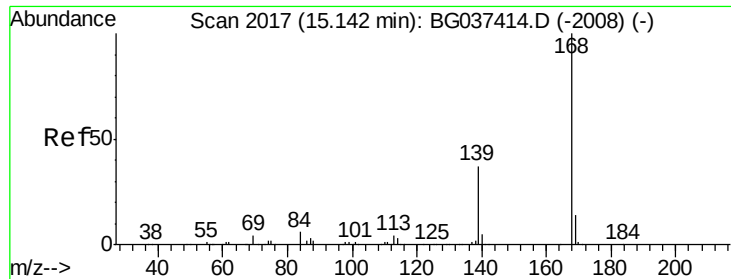
Ion Ratio Lower Upper

184 100

63 54.4 42.6 63.8

154 55.8 41.8 62.6

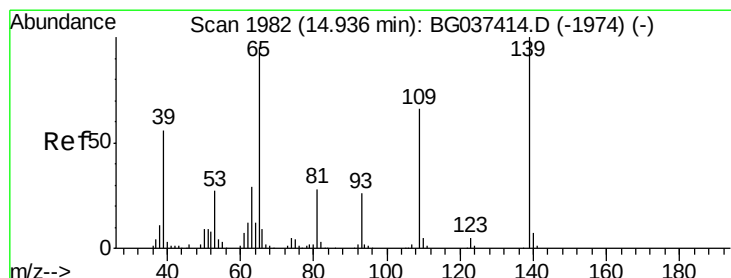
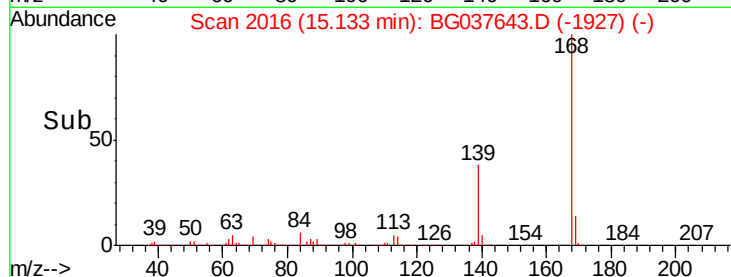
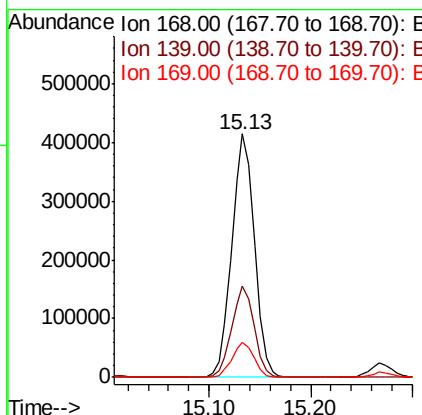
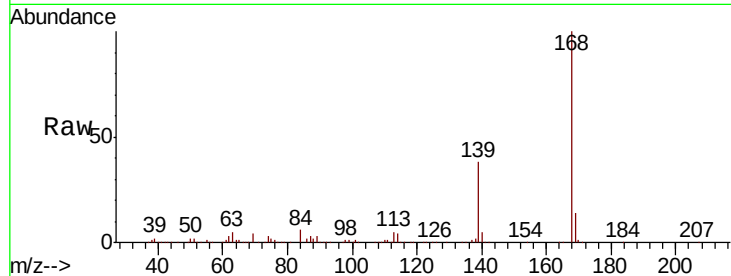




#55
Dibenzofuran
Concen: 41.202 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

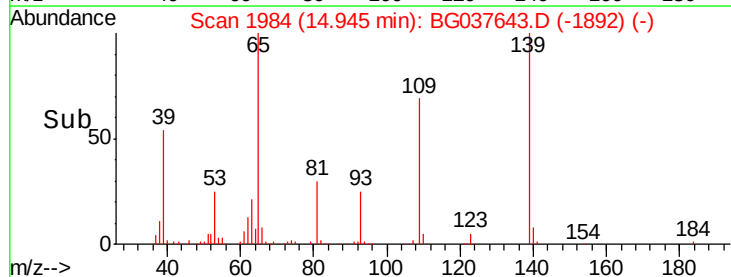
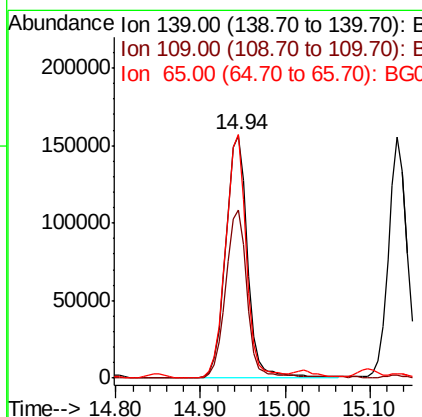
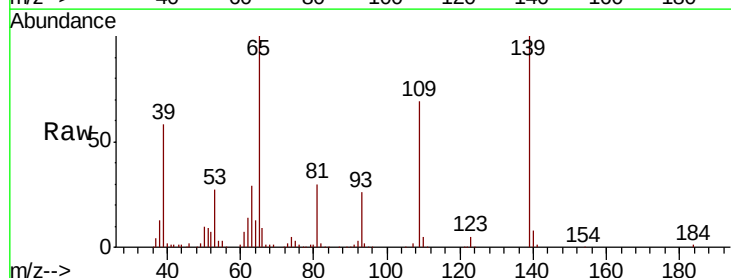
Instrument :
BNA_G
ClientSampled :
PB114248BS

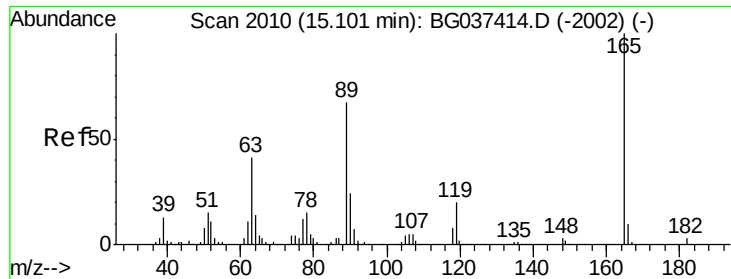
Tot Ion:168 Resp: 639055
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 122.908 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:139 Resp: 278760
Ion Ratio Lower Upper
139 100
109 69.4 49.5 89.5
65 100.3 76.8 116.8

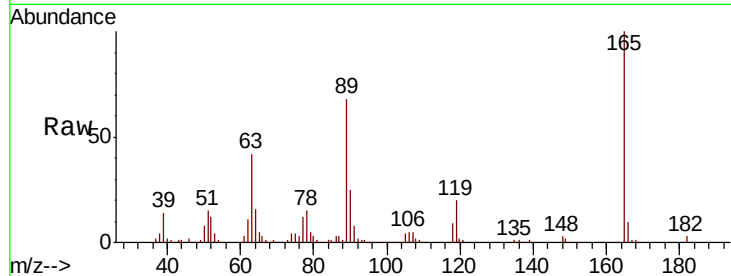




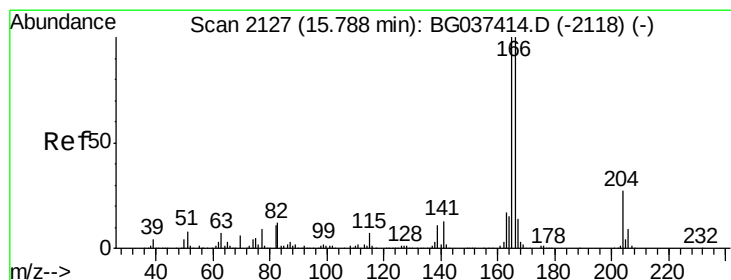
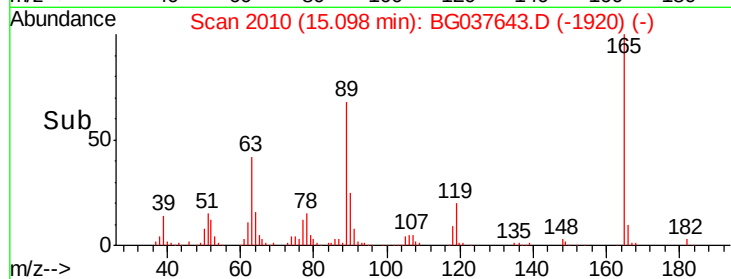
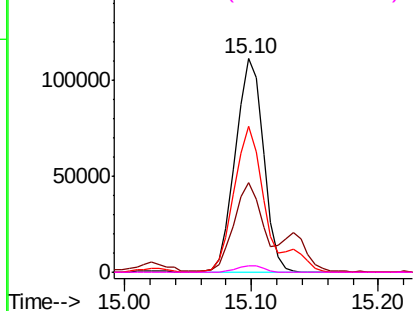
#57
2,4-Dinitrotoluene
Concen: 47.155 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	33.4	50.0
89	68.3	57.2	85.8
182	2.9	2.6	4.0

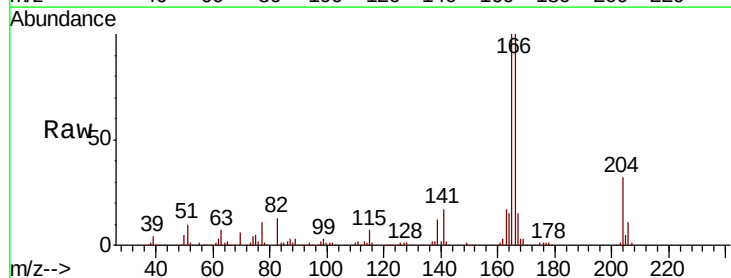


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

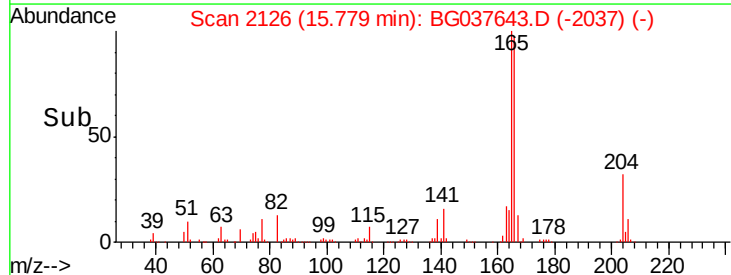
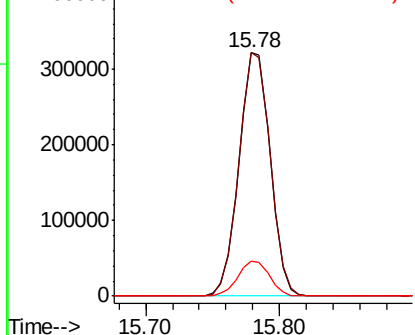


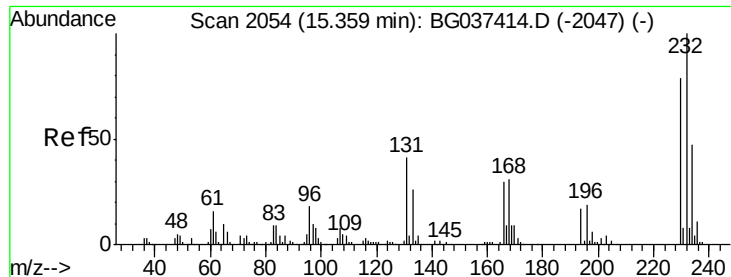
#58
Fluorene
Concen: 44.693 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.6
167	14.5	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

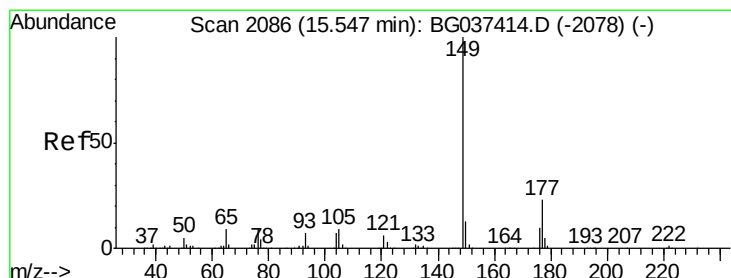
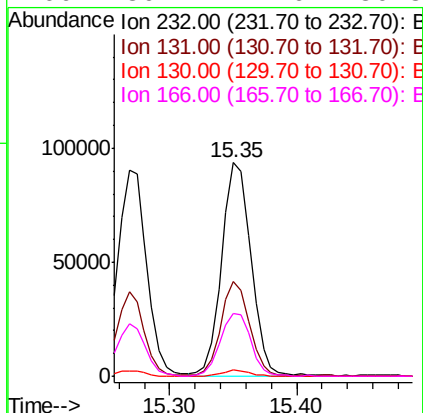
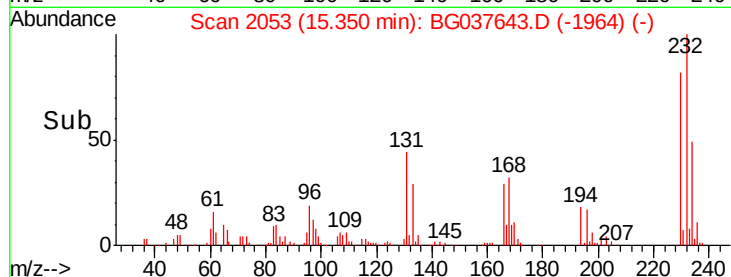
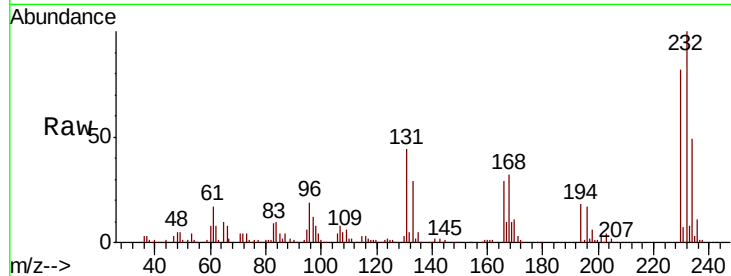




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.803 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

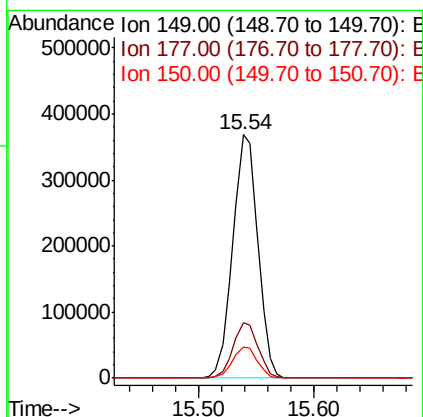
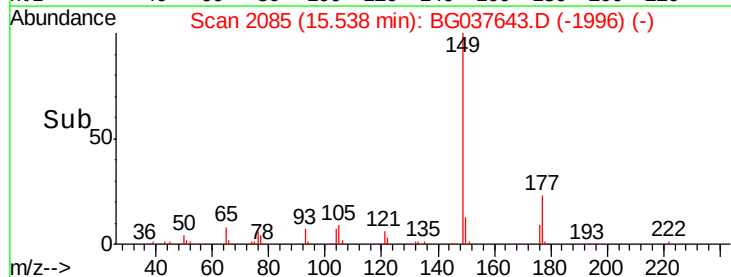
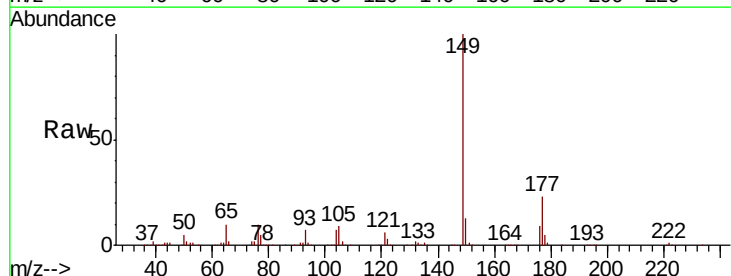
Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

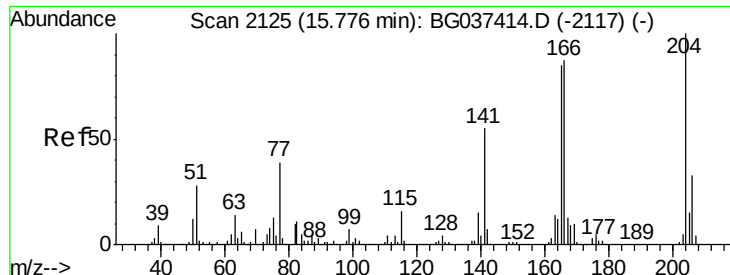
Tot Ion:	232	Resp:	151632
Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.7	50.5
130	2.6	2.1	3.1
166	30.4	24.6	36.8



#60
 Diethylphthalate
 Concen: 43.192 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:	149	Resp:	553258
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.7	10.0	15.0

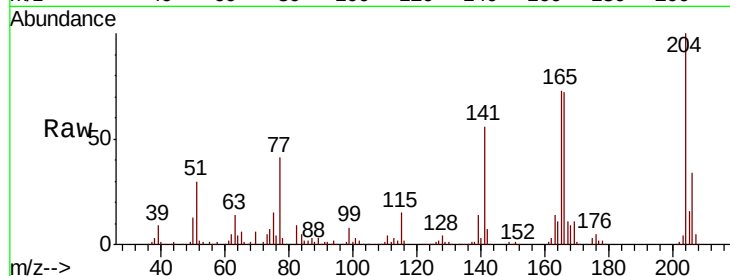




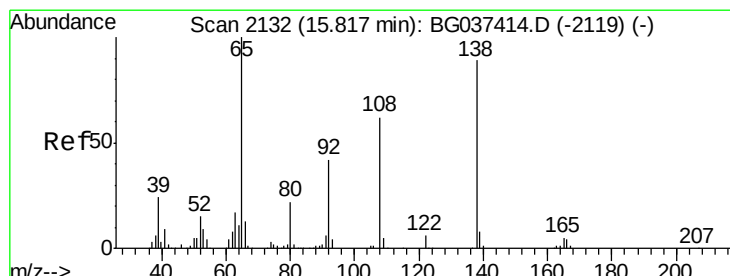
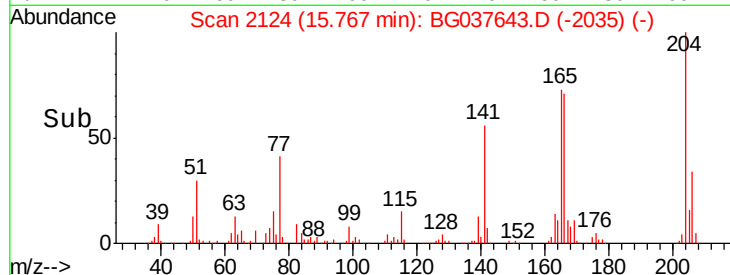
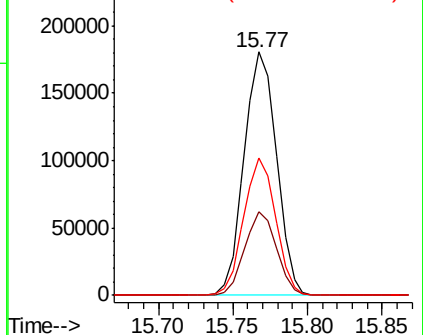
#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:204 Resp: 271704
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 56.3 45.4 68.2

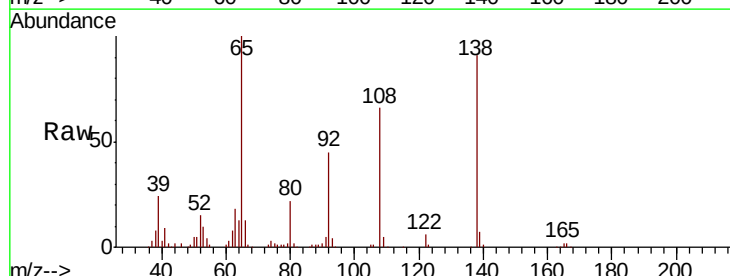


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

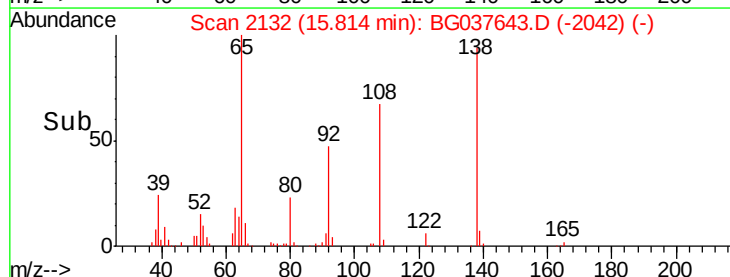
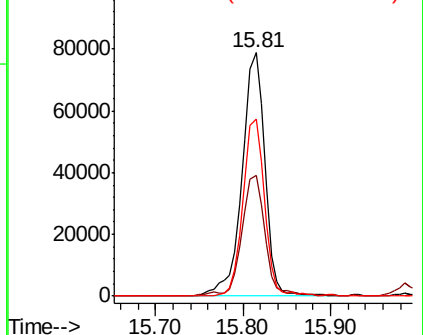


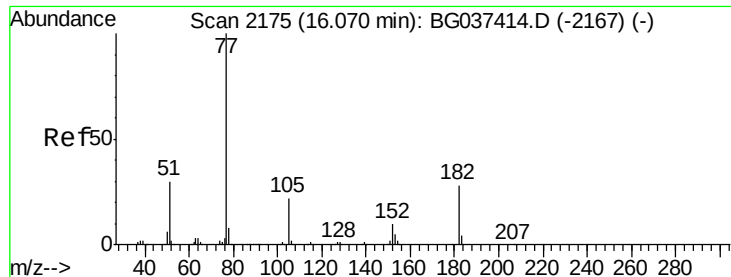
#62
4-Nitroaniline
Concen: 45.396 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:138 Resp: 138216
Ion Ratio Lower Upper
138 100
92 49.7 36.4 76.4
108 72.6 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: 42.732 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion: 77 Resp: 522256

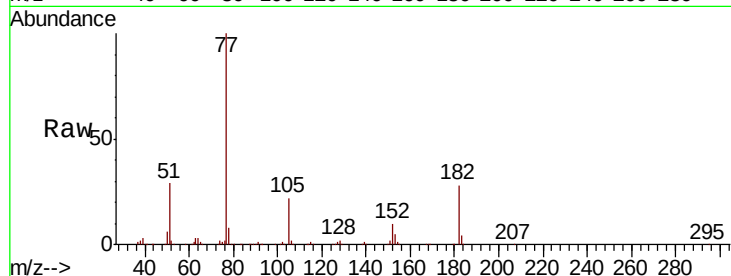
Ion Ratio Lower Upper

77 100

182 28.1 8.0 48.0

105 21.7 1.3 41.3

51 29.5 10.7 50.7

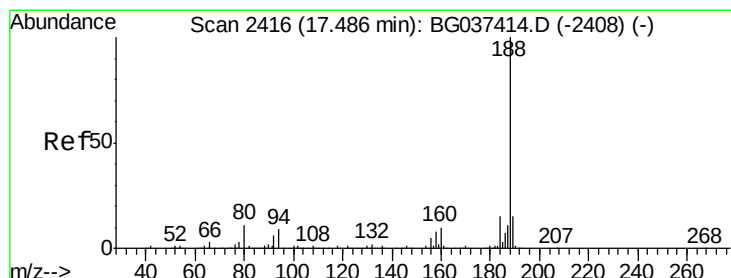
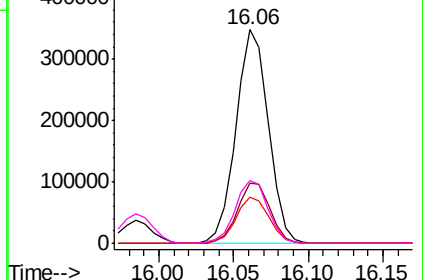
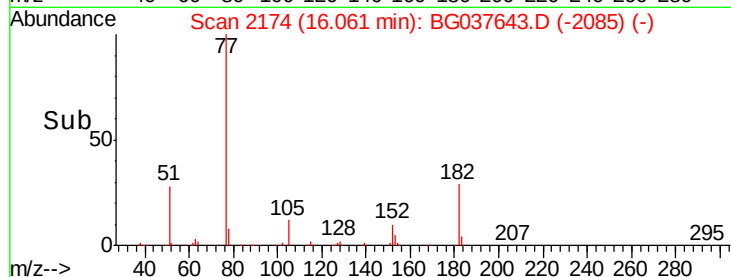


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG037643.D

Acq: 30 Oct 2018 4:16

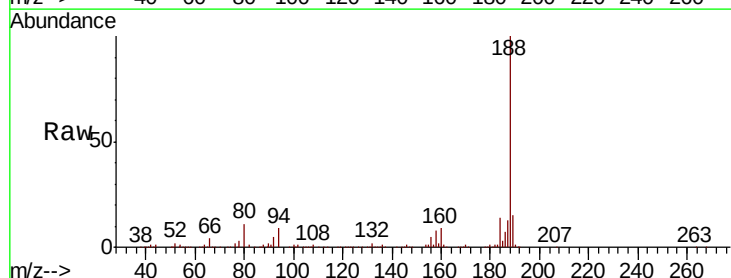
Tgt Ion: 188 Resp: 388787

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

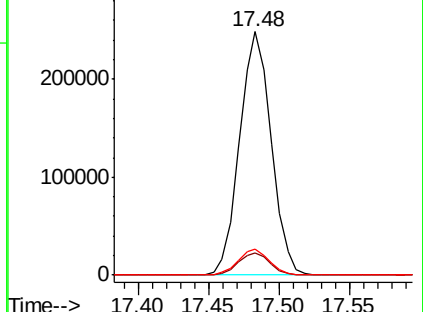
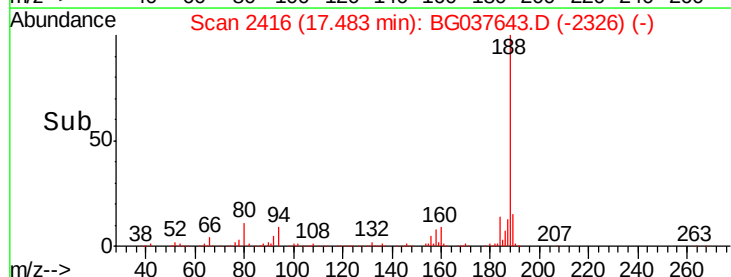
80 10.9 7.7 11.5

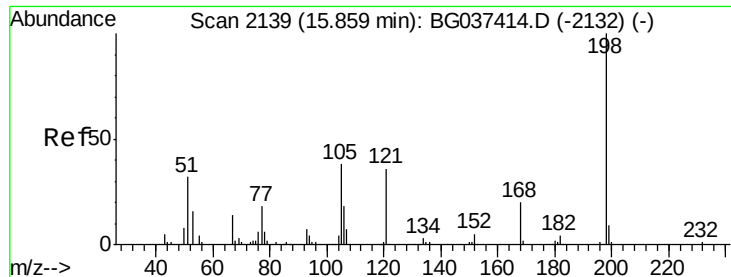


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.298 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

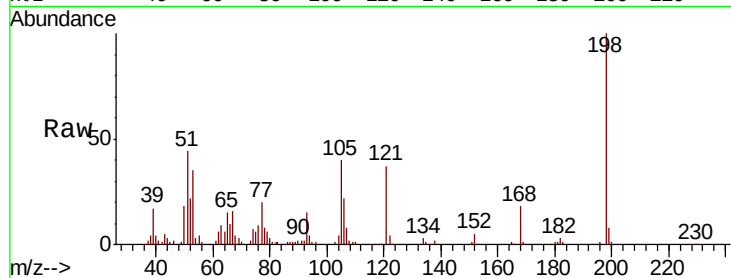
Tot Ion:198 Resp: 83789

Ion	Ratio	Lower	Upper
198	100		
51	44.0	22.7	62.7
105	40.2	19.7	59.7

198 100

51 44.0 22.7 62.7

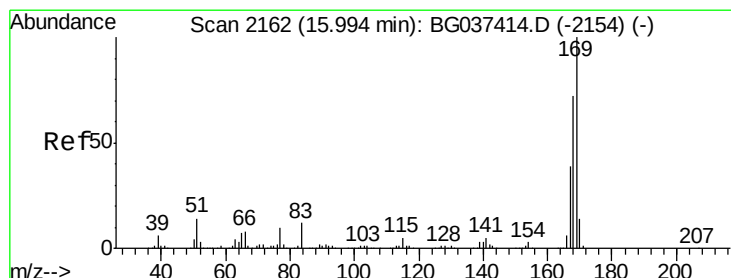
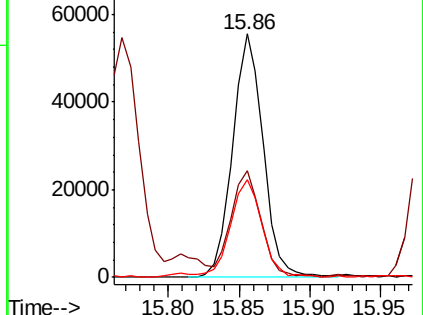
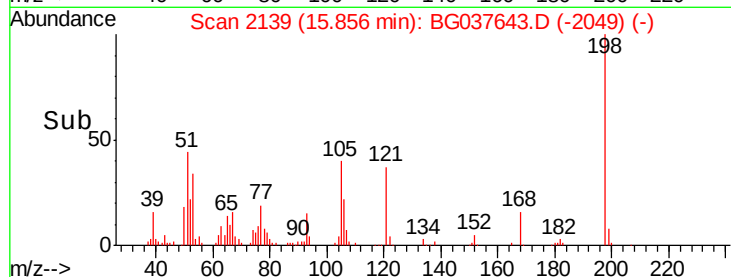
105 40.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037643.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.963 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

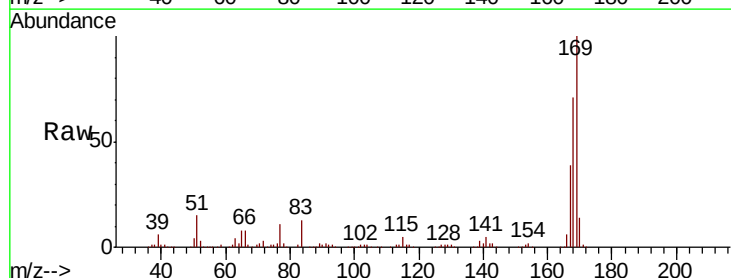
Tgt Ion:169 Resp: 479051

Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	39.0	31.3	46.9

169 100

168 71.4 55.7 83.5

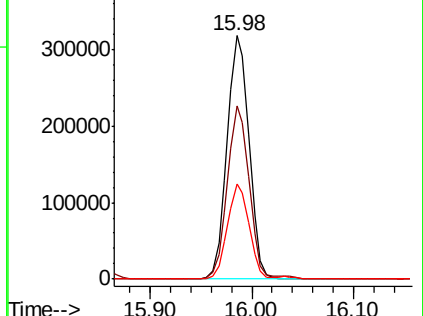
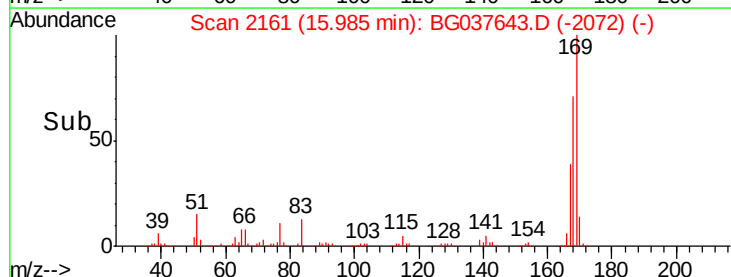
167 39.0 31.3 46.9

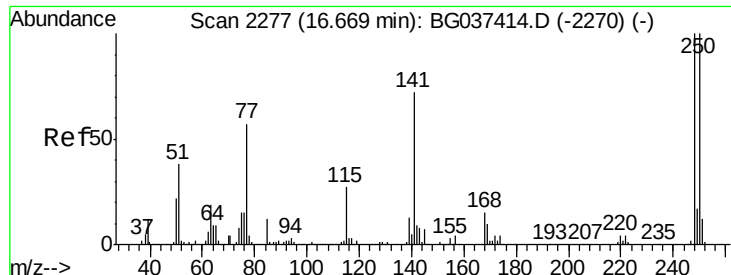


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

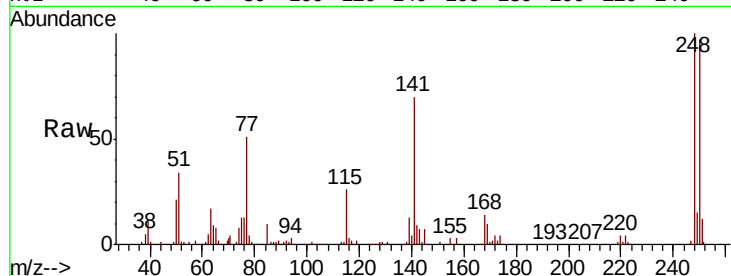




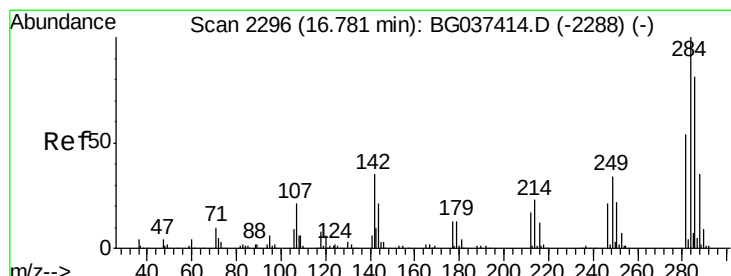
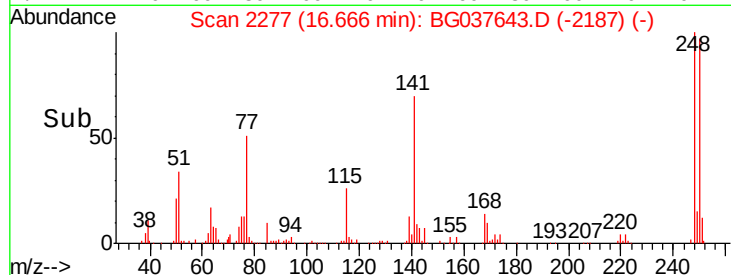
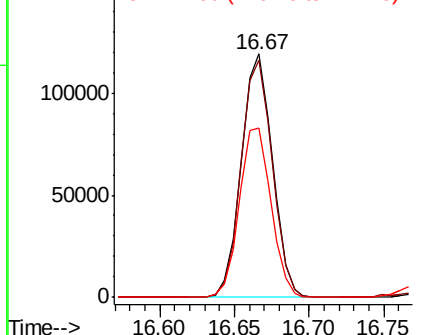
#67
 4-Bromophenyl-phenylether
 Concen: 40.202 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion:248 Resp: 171644
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.6
 141 69.6 55.5 83.3

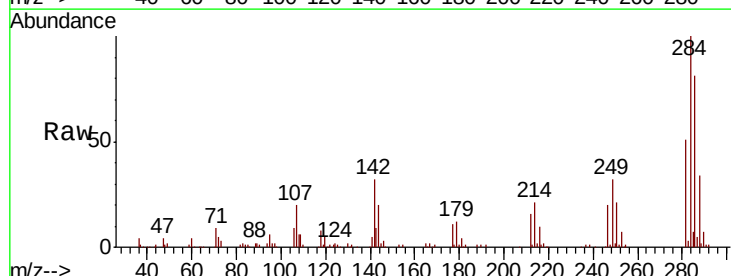


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

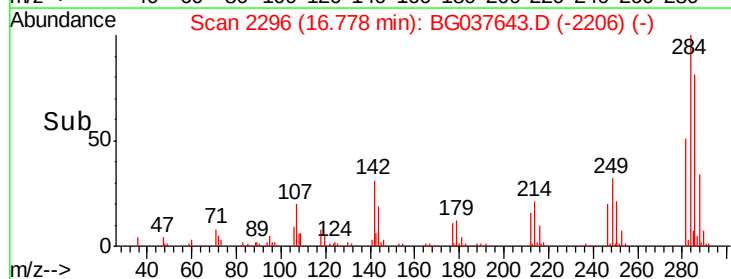
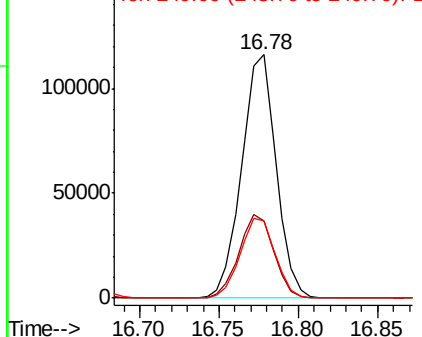


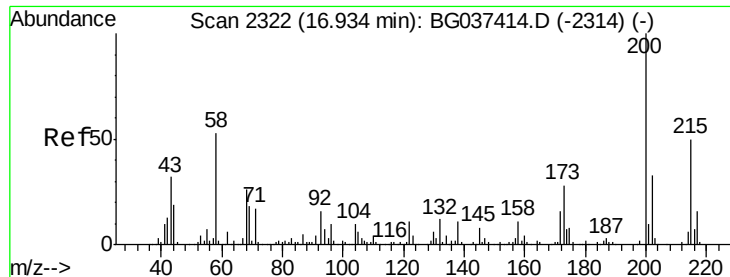
#68
 Hexachlorobenzene
 Concen: 39.615 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:284 Resp: 175297
 Ion Ratio Lower Upper
 284 100
 142 31.9 28.1 42.1
 249 34.2 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: 42.493 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

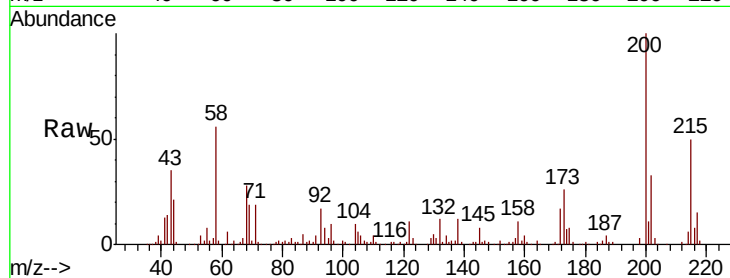
Tot Ion:200 Resp: 179670

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

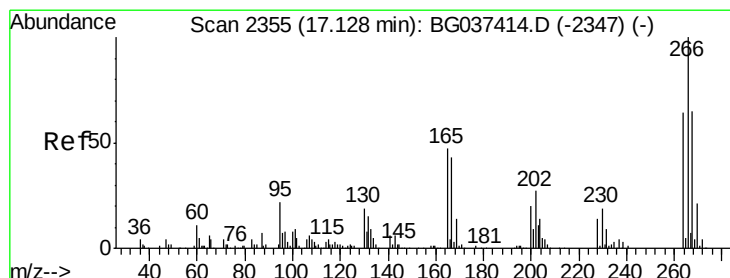
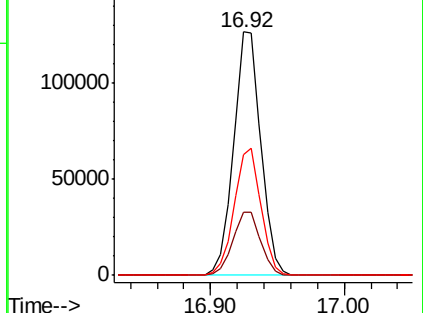
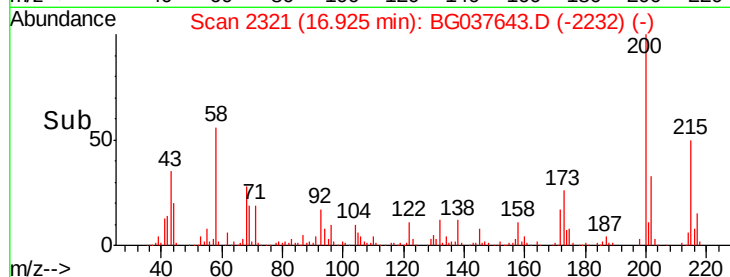
215 49.9 30.8 70.8



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: 70.849 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

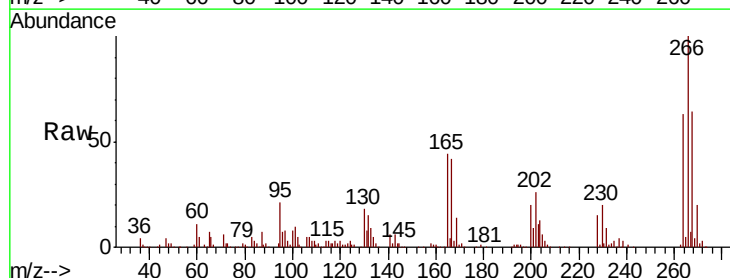
Tgt Ion:266 Resp: 209996

Ion Ratio Lower Upper

266 100

268 68.3 55.0 82.6

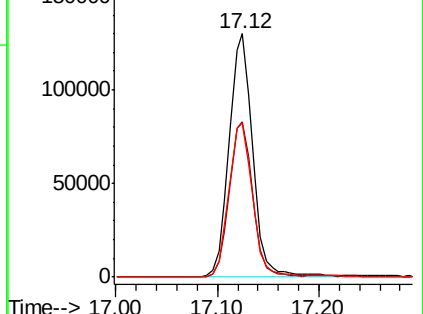
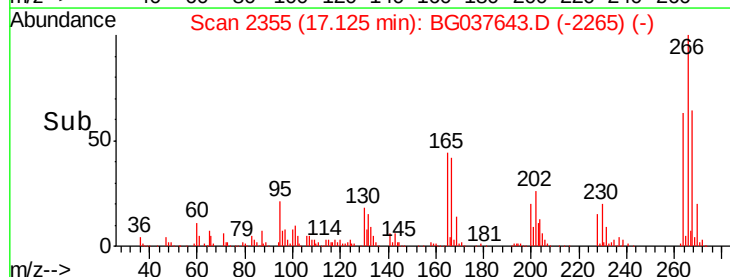
264 68.6 58.9 88.3

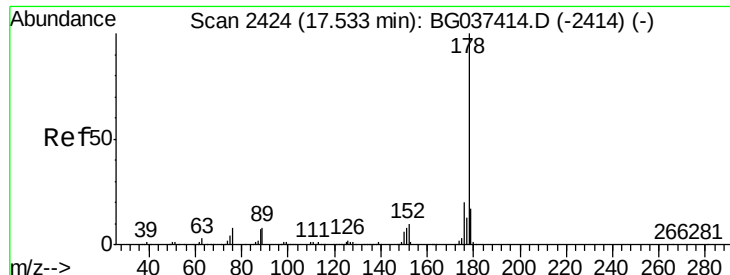


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

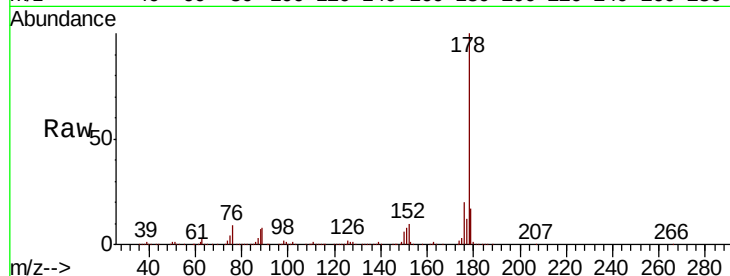




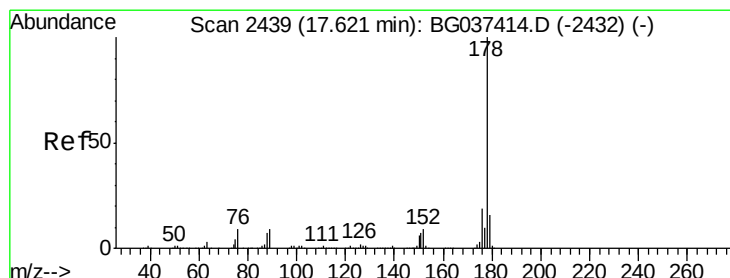
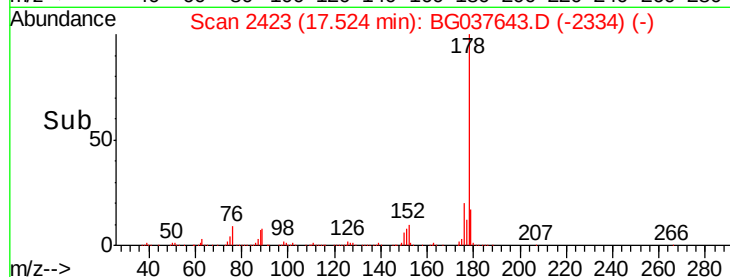
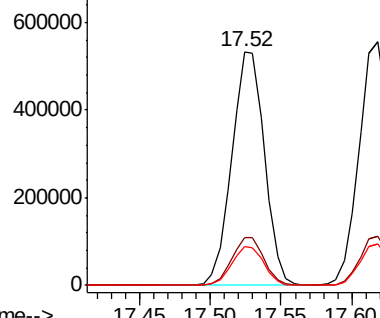
#71
Phenanthrene
Concen: 43.892 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:178 Resp: 867285
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.6 13.0 19.4

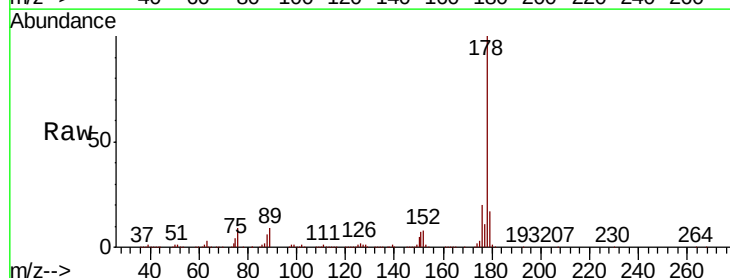


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

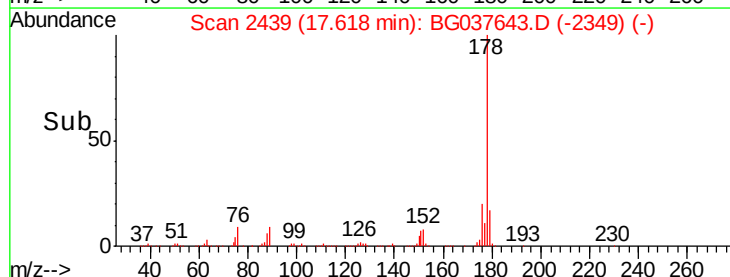
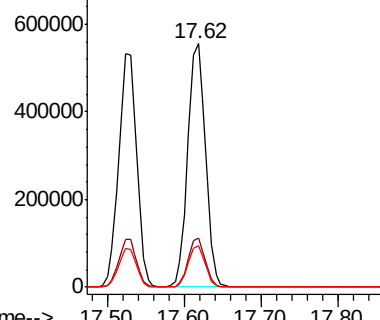


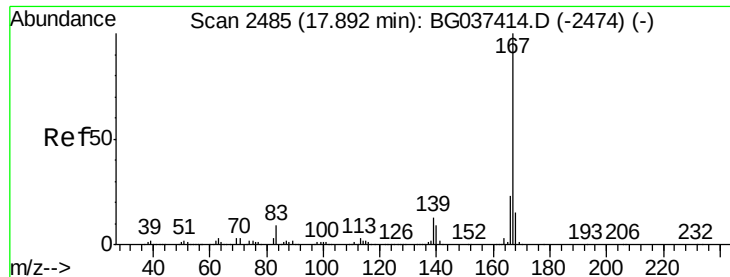
#72
Anthracene
Concen: 45.242 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:178 Resp: 877295
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 16.8 12.8 19.2



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





#73

Carbazole

Concen: 41.192 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

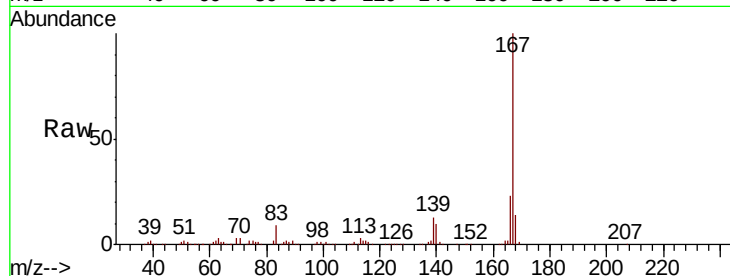
Tot Ion:167 Resp: 798999

Ion Ratio Lower Upper

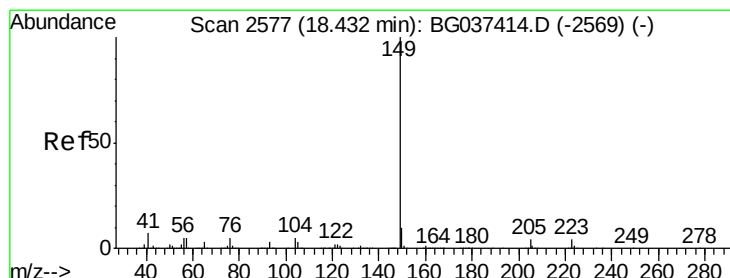
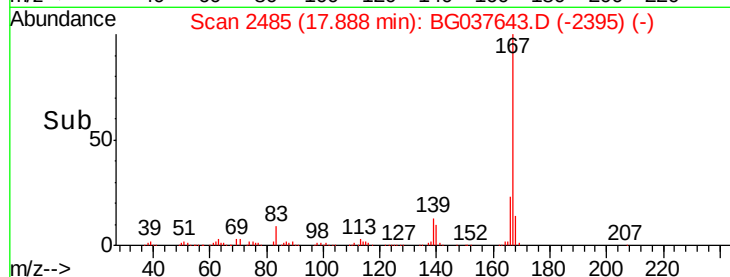
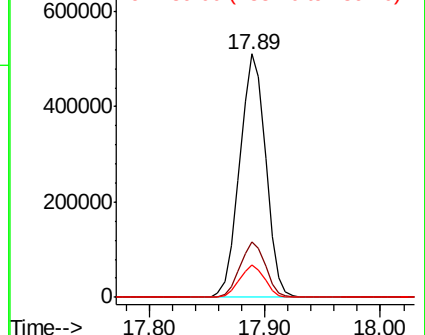
167 100

166 22.8 18.3 27.5

139 13.2 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 44.423 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

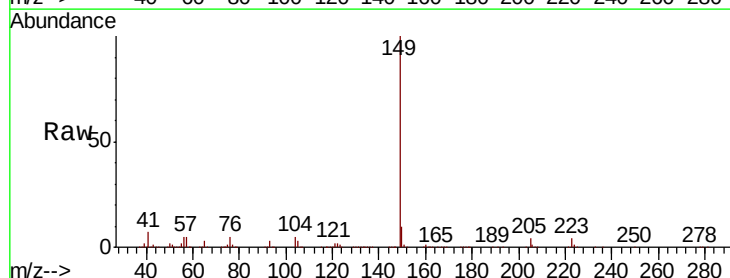
Tgt Ion:149 Resp: 958524

Ion Ratio Lower Upper

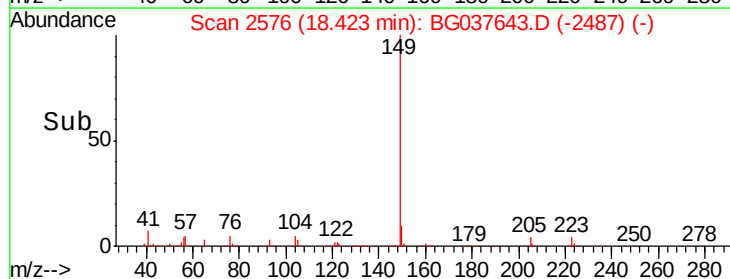
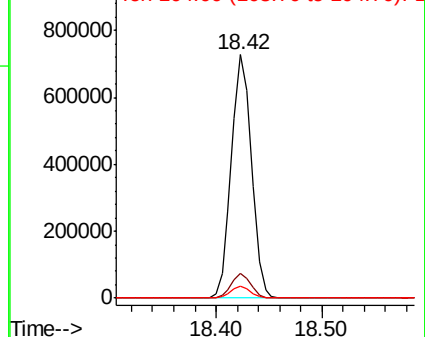
149 100

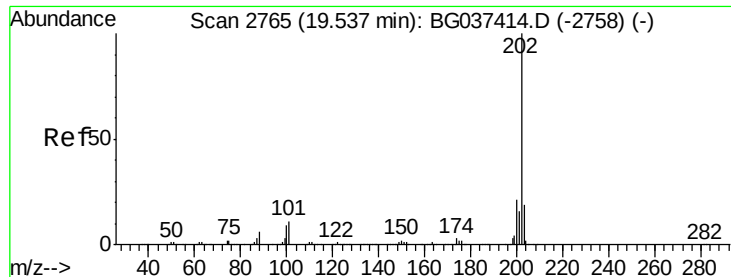
150 10.4 8.2 12.2

104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.837 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

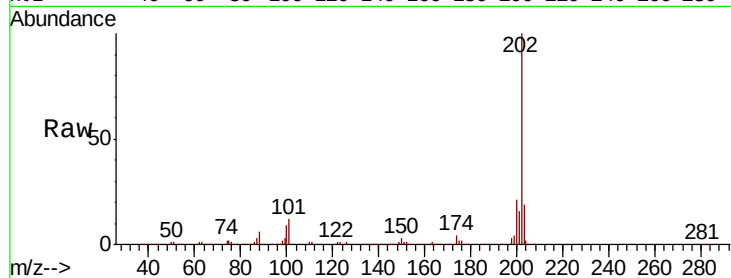
Tot Ion:202 Resp: 1004842

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.7

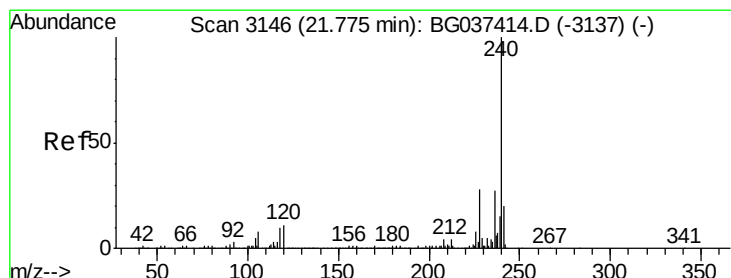
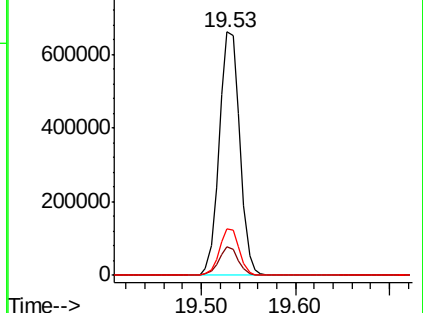
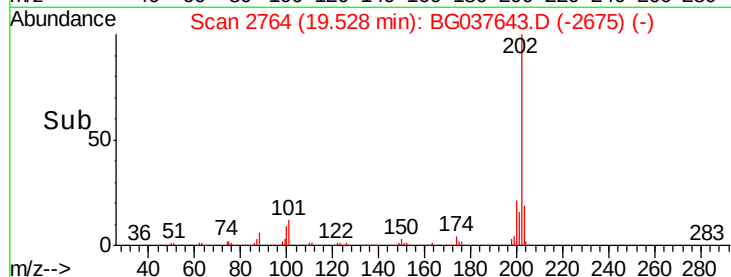
203 19.3 0.0 38.5



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: BG037643.D

Acq: 30 Oct 2018 4:16

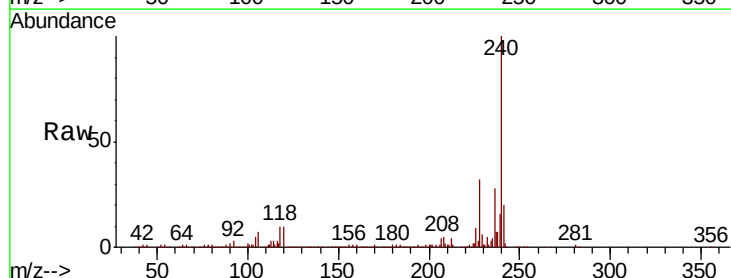
Tgt Ion:240 Resp: 351353

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

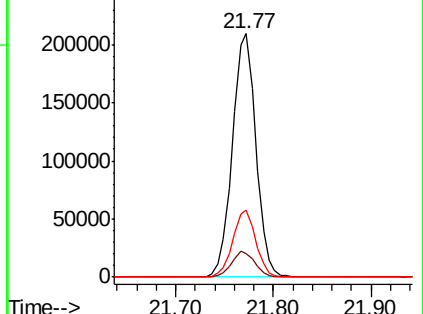
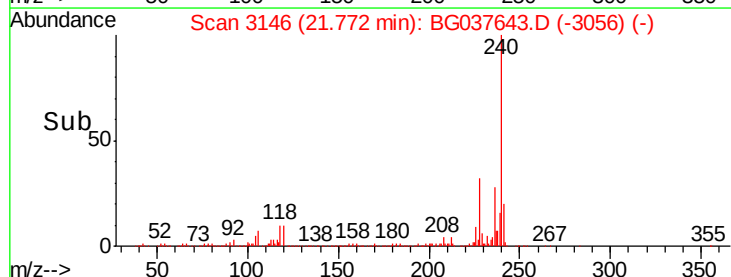
236 27.6 21.4 32.0

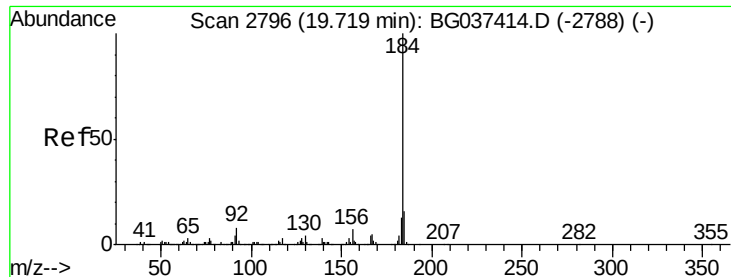


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.037 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

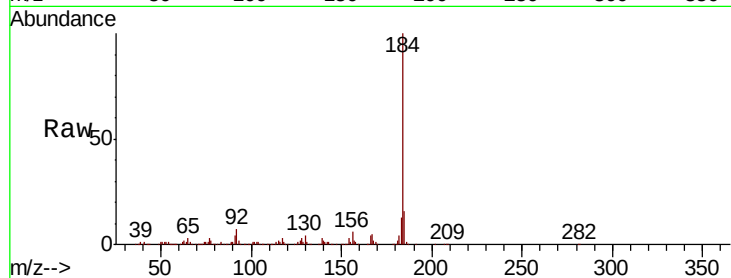
Tot Ion:184 Resp: 573892

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

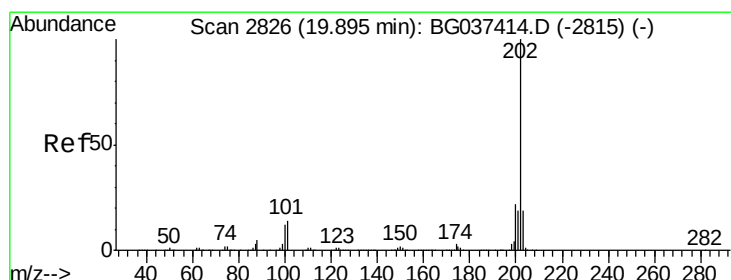
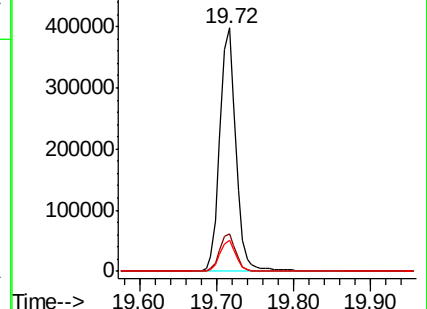
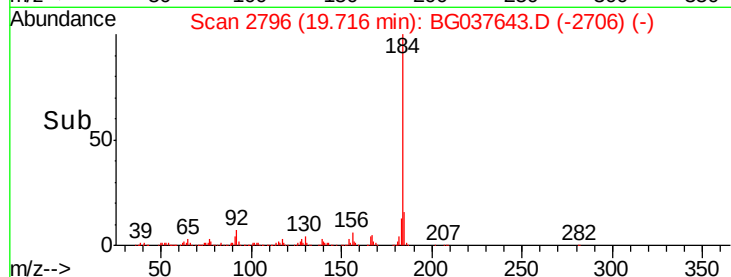
183 12.8 10.2 15.2



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: 43.558 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

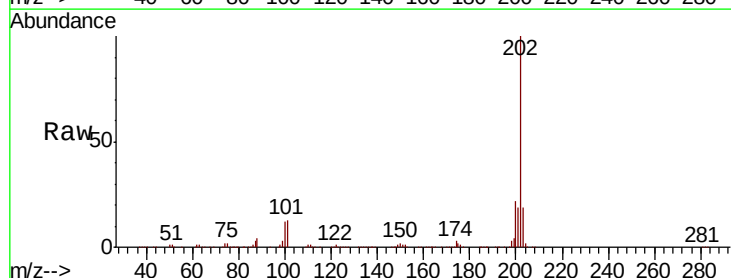
Tgt Ion:202 Resp: 1000457

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

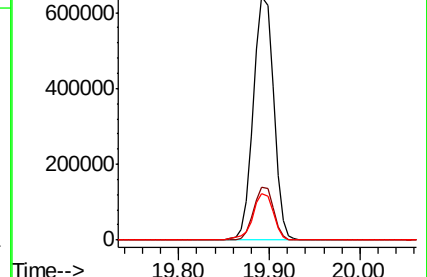
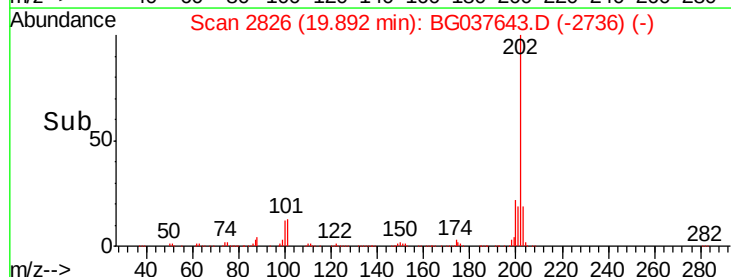
203 19.2 15.2 22.8

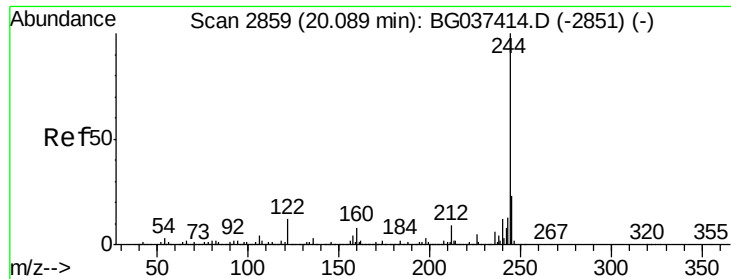


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.411 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

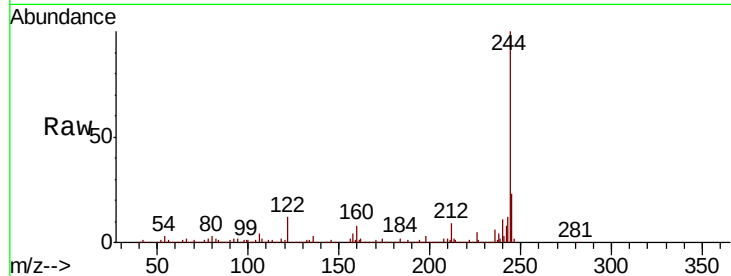
Tot Ion:244 Resp: 1256443

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

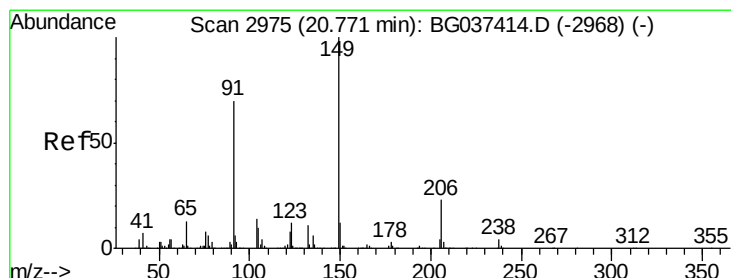
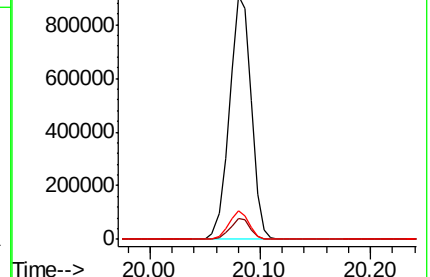
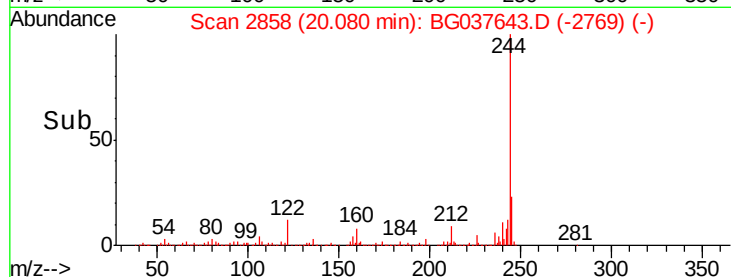
122 11.7 9.0 13.4



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: 45.823 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

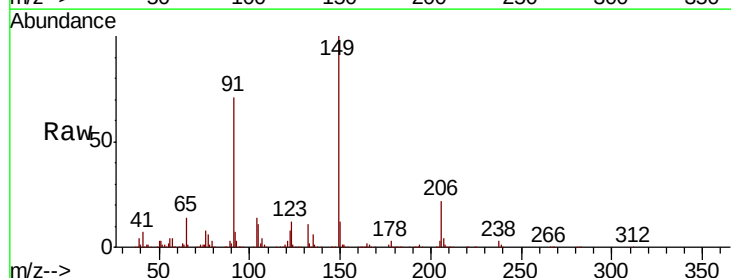
Tgt Ion:149 Resp: 430742

Ion Ratio Lower Upper

149 100

91 70.5 57.0 85.4

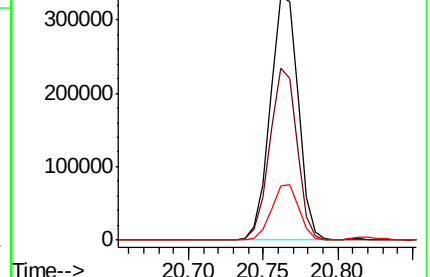
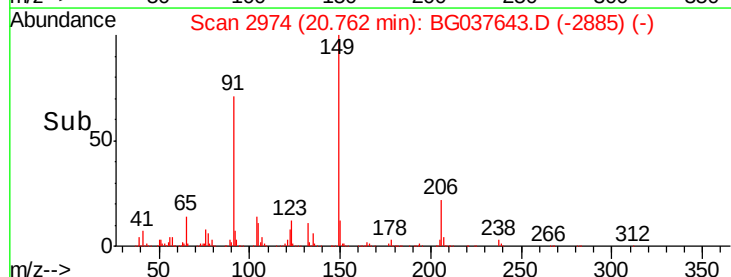
206 22.4 17.8 26.6

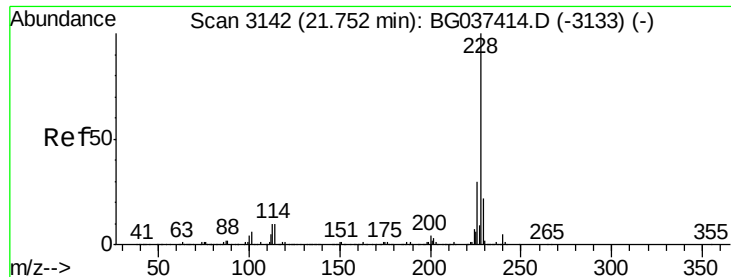


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.923 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

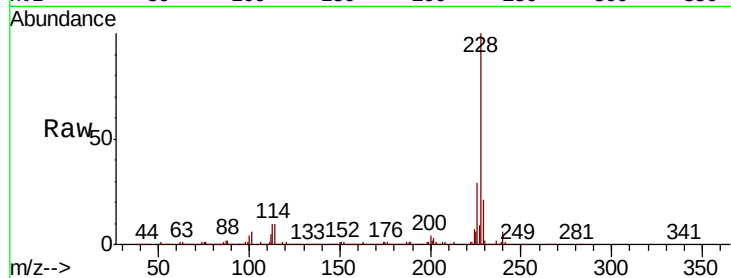
Tot Ion:228 Resp: 933594

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.9 16.3 24.5

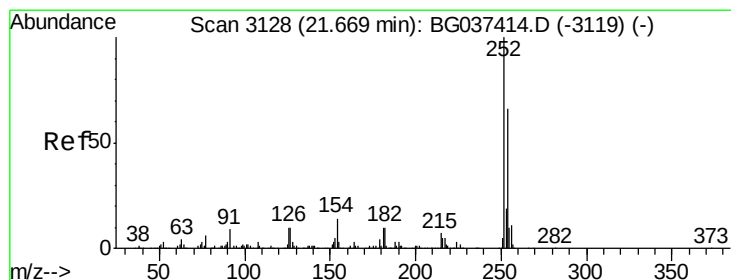
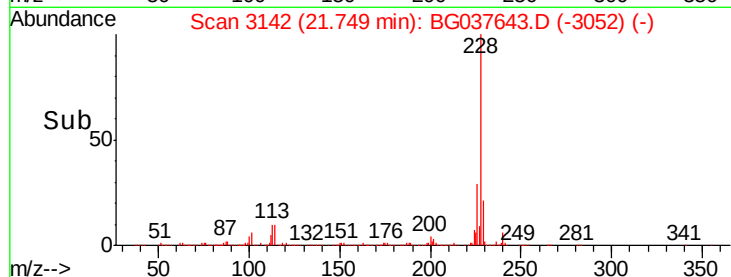
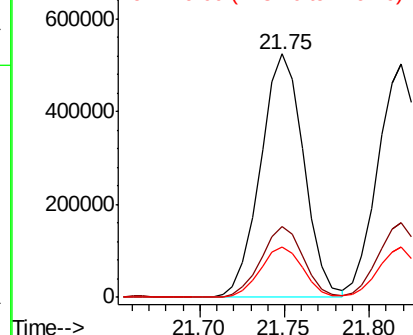


Abundance

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: 30.729 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

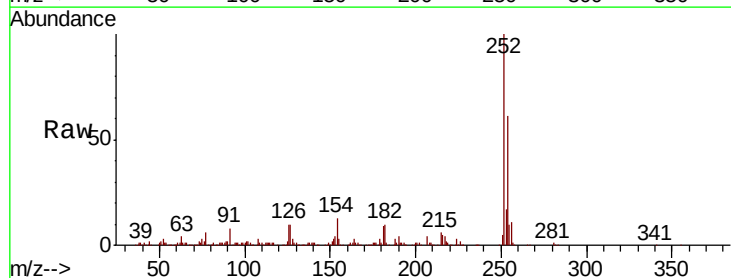
Tgt Ion:252 Resp: 247528

Ion Ratio Lower Upper

252 100

254 61.0 52.0 78.0

126 9.6 8.2 12.4

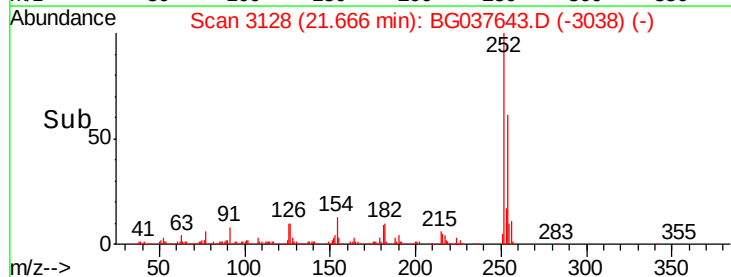
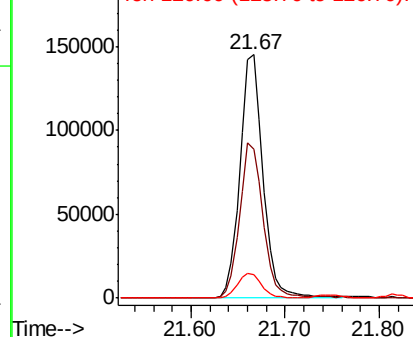


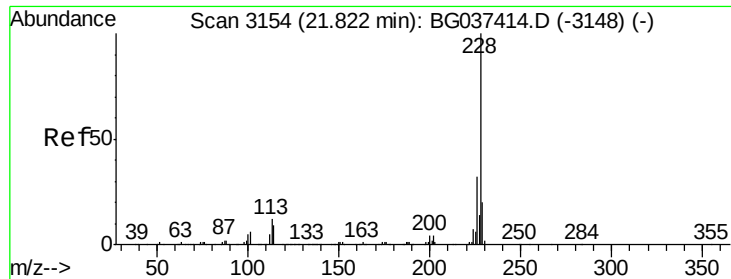
Abundance

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: 43.567 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

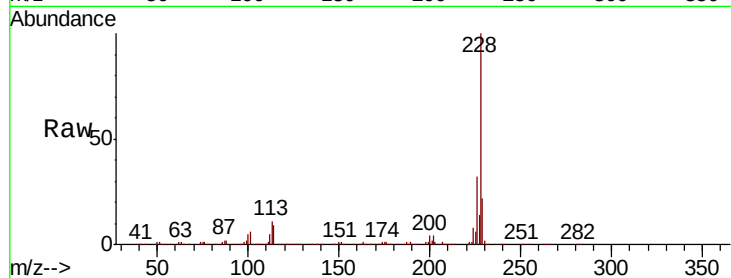
Tot Ion:228 Resp: 870634

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

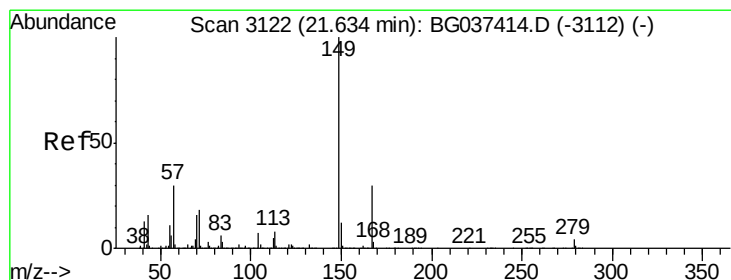
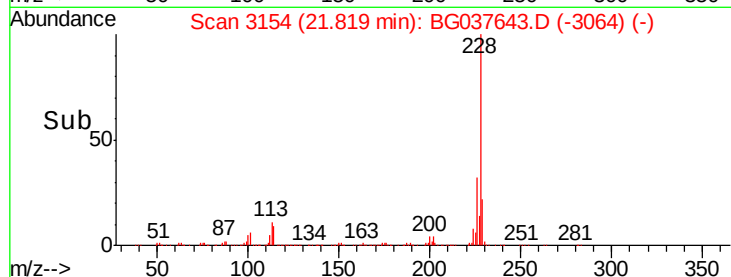
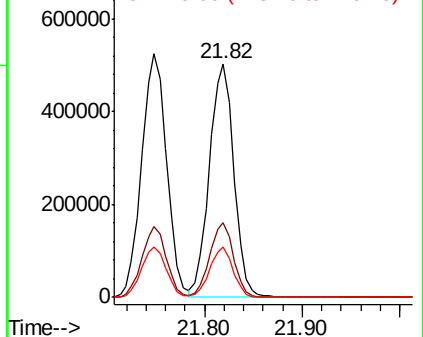
229 21.7 16.5 24.7



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: 45.870 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

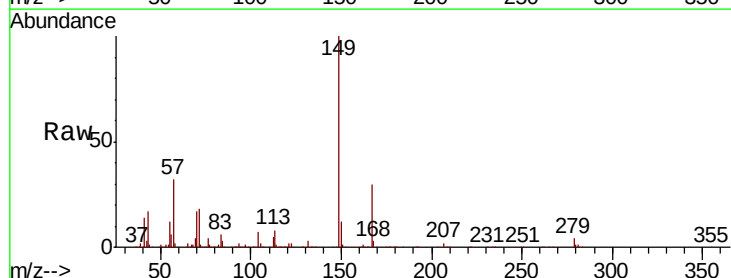
Tgt Ion:149 Resp: 604393

Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.4

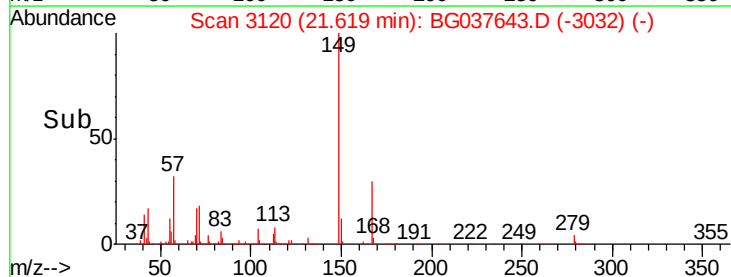
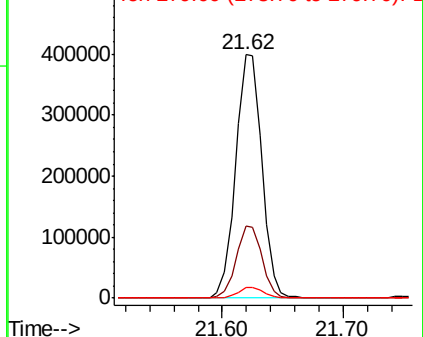
279 4.3 3.6 5.4

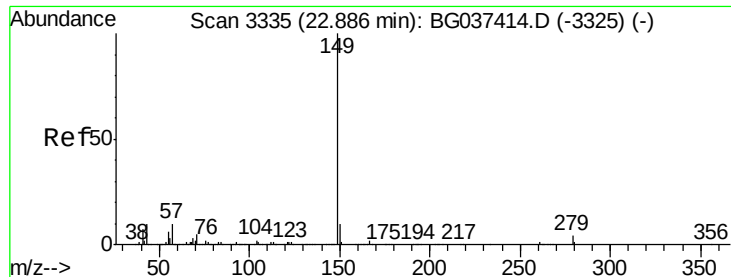


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.979 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

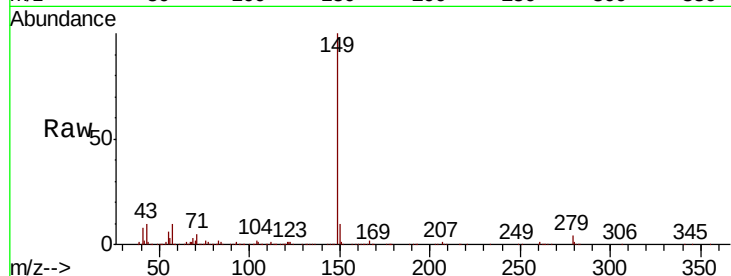
Tot Ion:149 Resp: 1009400

Ion Ratio Lower Upper

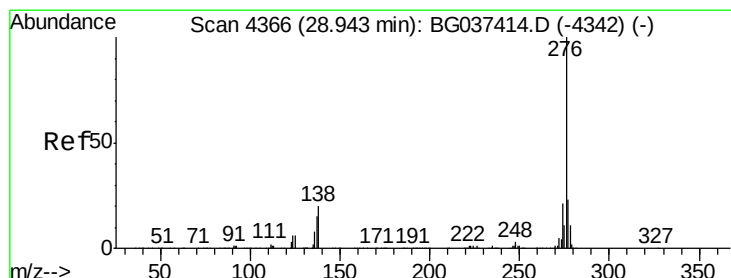
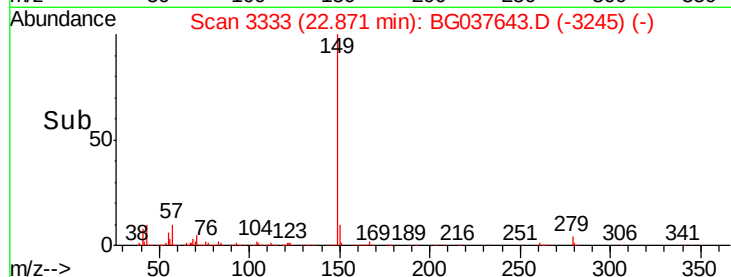
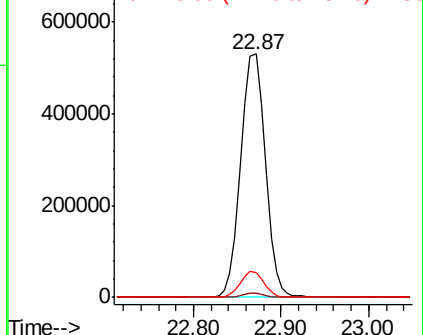
149 100

167 1.8 1.3 1.9

43 10.2 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.690 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

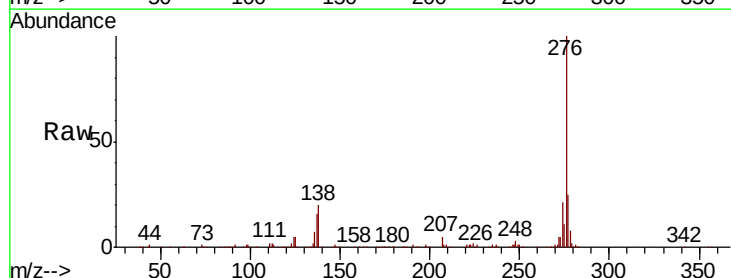
Tgt Ion:276 Resp: 957863

Ion Ratio Lower Upper

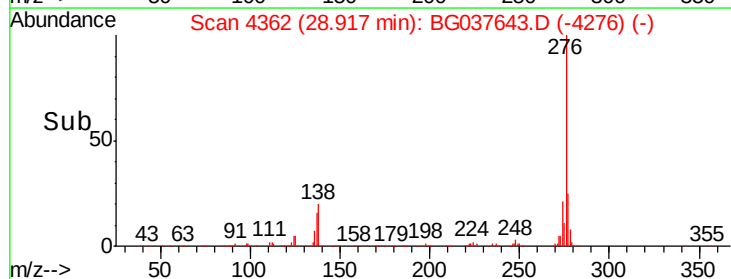
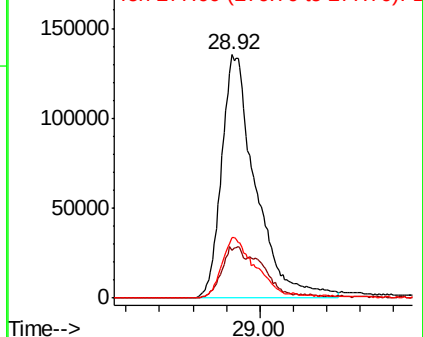
276 100

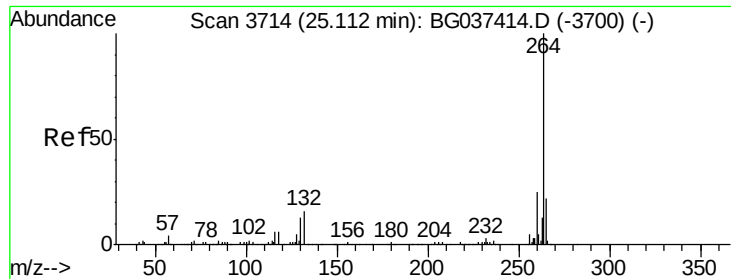
138 13.6 12.0 18.0

277 24.3 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: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

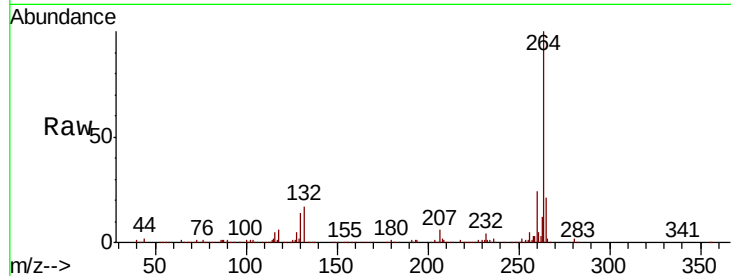
Tot Ion:264 Resp: 367254

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

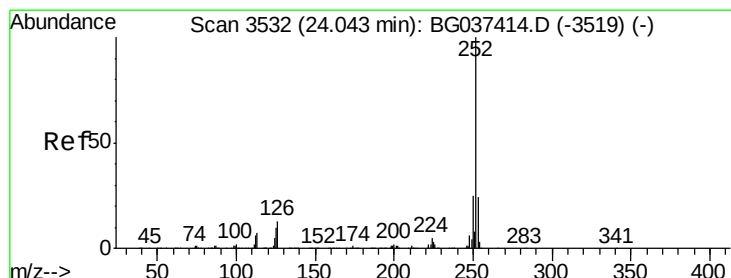
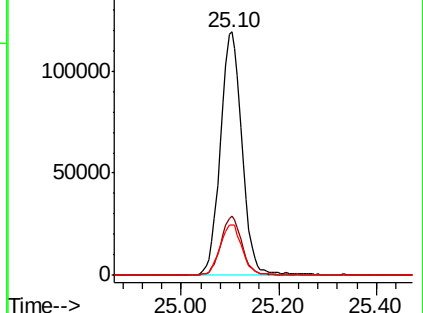
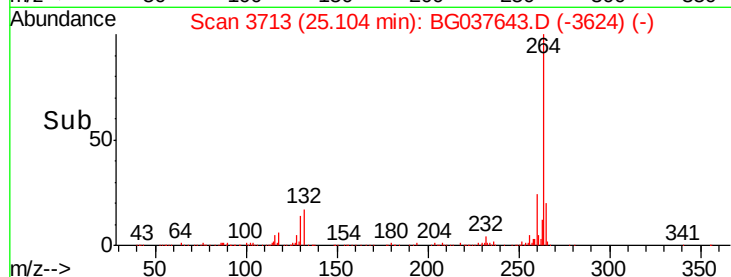
265 20.6 17.9 26.9



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: 45.231 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

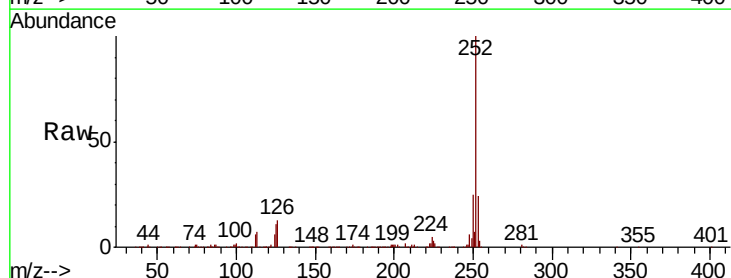
Tgt Ion:252 Resp: 910684

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.2

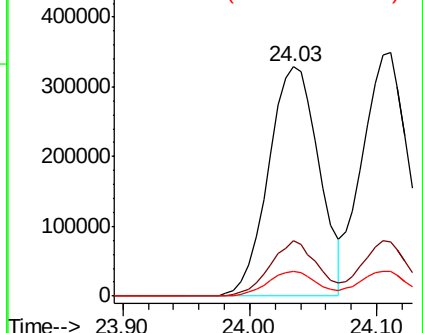
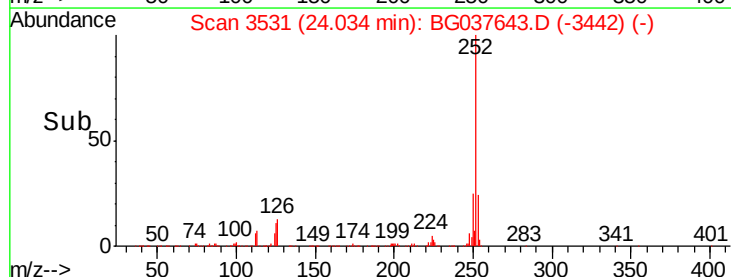
125 10.9 7.8 11.6

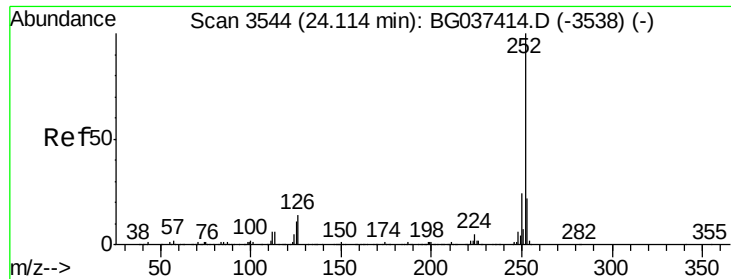


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

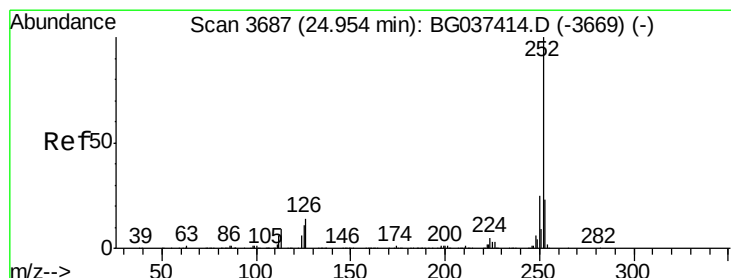
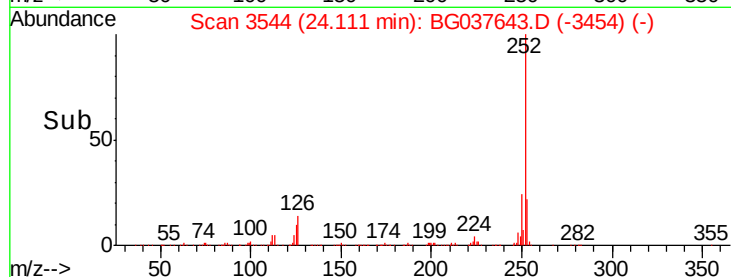
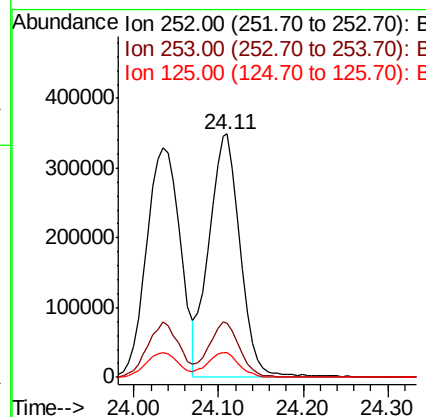
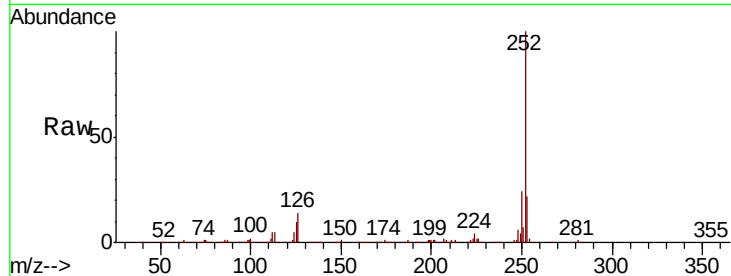




#89
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

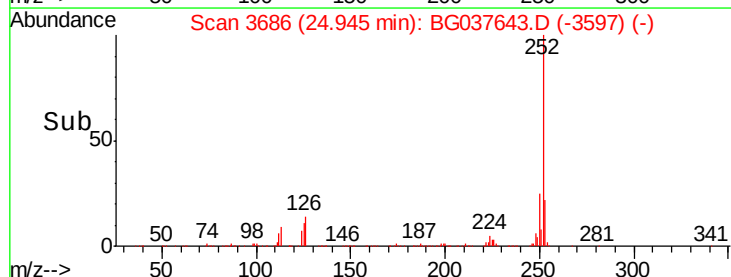
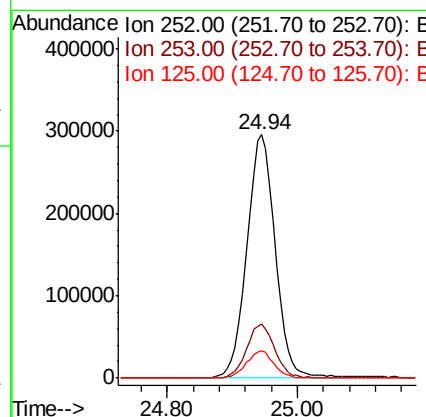
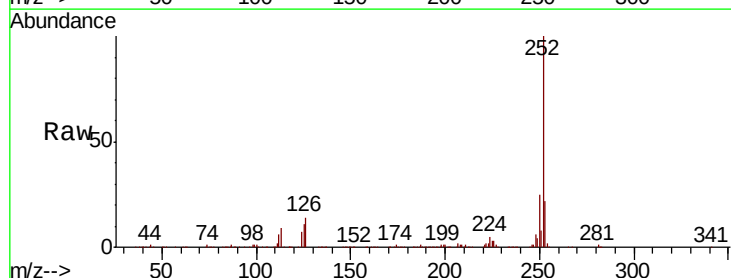
Instrument :
BNA_G
ClientSampleId :
PB114248BS

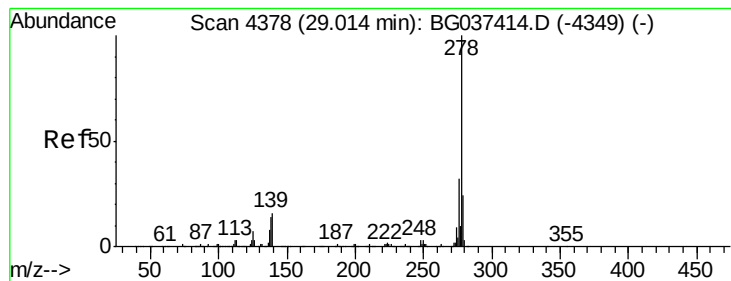
Tot Ion:252 Resp: 892696
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.484 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:252 Resp: 889345
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 42.066 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

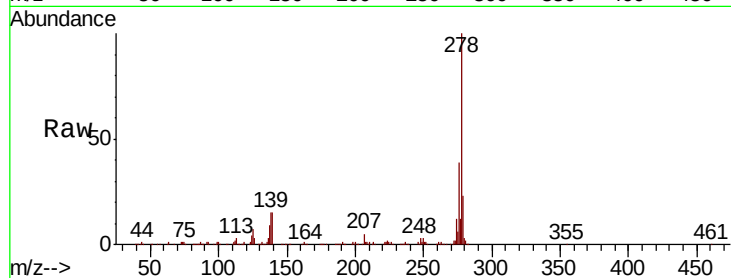
Tot Ion:278 Resp: 742377

Ion Ratio Lower Upper

278 100

139 15.4 11.5 17.3

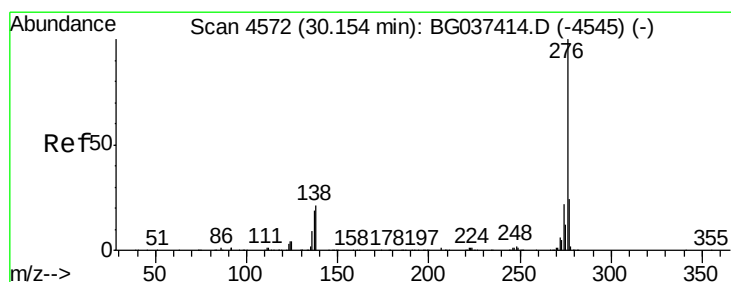
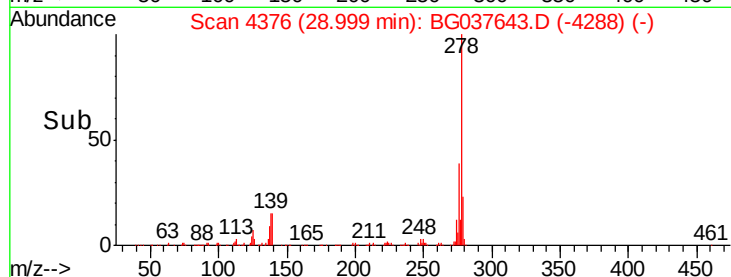
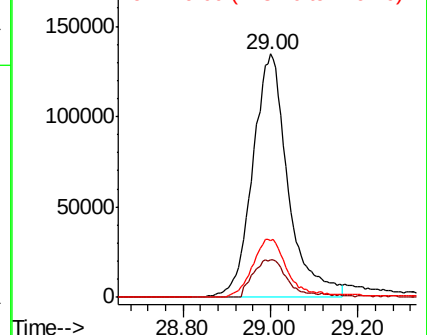
279 23.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.173 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

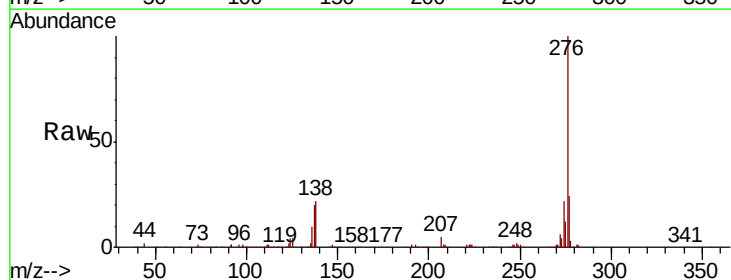
Tgt Ion:276 Resp: 752972

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.2 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

