

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037417.D
 Acq On : 18 Oct 2018 13:07
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 13:48:40 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 12:15:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60420	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	283743	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	182065	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	420335	20.00	ng	0.00
76) Chrysene-d12	21.78	240	372573	20.00	ng	0.00
87) Perylene-d12	25.12	264	395948	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	580087	168.97	ng	0.00
7) Phenol-d6	7.25	99	856308	164.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	807822	187.18	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	331413	185.61	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1755073	144.77	ng	0.00
79) Terphenyl-d14	20.09	244	2370186	133.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	145181	75.295	ng	96
3) Pyridine	3.93	79	378707	82.723	ng	94
4) n-Nitrosodimethylamine	3.86	42	138072	77.664	ng	# 88
6) Aniline	7.44	93	540278	79.204	ng	98
8) 2-Chlorophenol	7.67	128	334539	83.259	ng	99
9) Benzaldehyde	7.25	77	222144	61.918	ng	98
10) Phenol	7.28	94	454769	82.863	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	354480	79.061	ng	96
12) 1,3-Dichlorobenzene	7.99	146	373763	79.128	ng	98
13) 1,4-Dichlorobenzene	8.15	146	380953	79.659	ng	99
14) 1,2-Dichlorobenzene	8.46	146	361847	78.083	ng	99
15) Benzyl Alcohol	8.35	79	337454	82.789	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	630289	71.109	ng	96
17) 2-Methylphenol	8.54	107	309768	84.277	ng	99
18) Hexachloroethane	9.19	117	133616	81.860	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	303917	77.034	ng	95
20) 3+4-Methylphenols	8.88	107	440495	85.709	ng	99
22) Acetophenone	8.95	105	549684	76.851	ng	97
24) Nitrobenzene	9.33	77	420637	90.996	ng	95
25) Isophorone	9.85	82	755678	76.700	ng	97
26) 2-Nitrophenol	10.04	139	210671	128.085	ng	97
27) 2,4-Dimethylphenol	10.08	122	332583	80.761	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	473755	76.858	ng	97
29) 2,4-Dichlorophenol	10.57	162	377626	90.335	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	406202	79.853	ng	98
31) Naphthalene	10.99	128	1063800	77.145	ng	98
32) Benzoic acid	10.26	122	304464	133.894	ng	98
33) 4-Chloroaniline	11.09	127	512202	79.181	ng	99
34) Hexachlorobutadiene	11.24	225	245225	77.629	ng	98
35) Caprolactam	11.91	113	157946	92.681	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	418440	84.756	ng	99
37) 2-Methylnaphthalene	12.58	142	781254	77.633	ng	100
38) 1-Methylnaphthalene	12.80	142	753225	76.635	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	468472	79.456	ng	99

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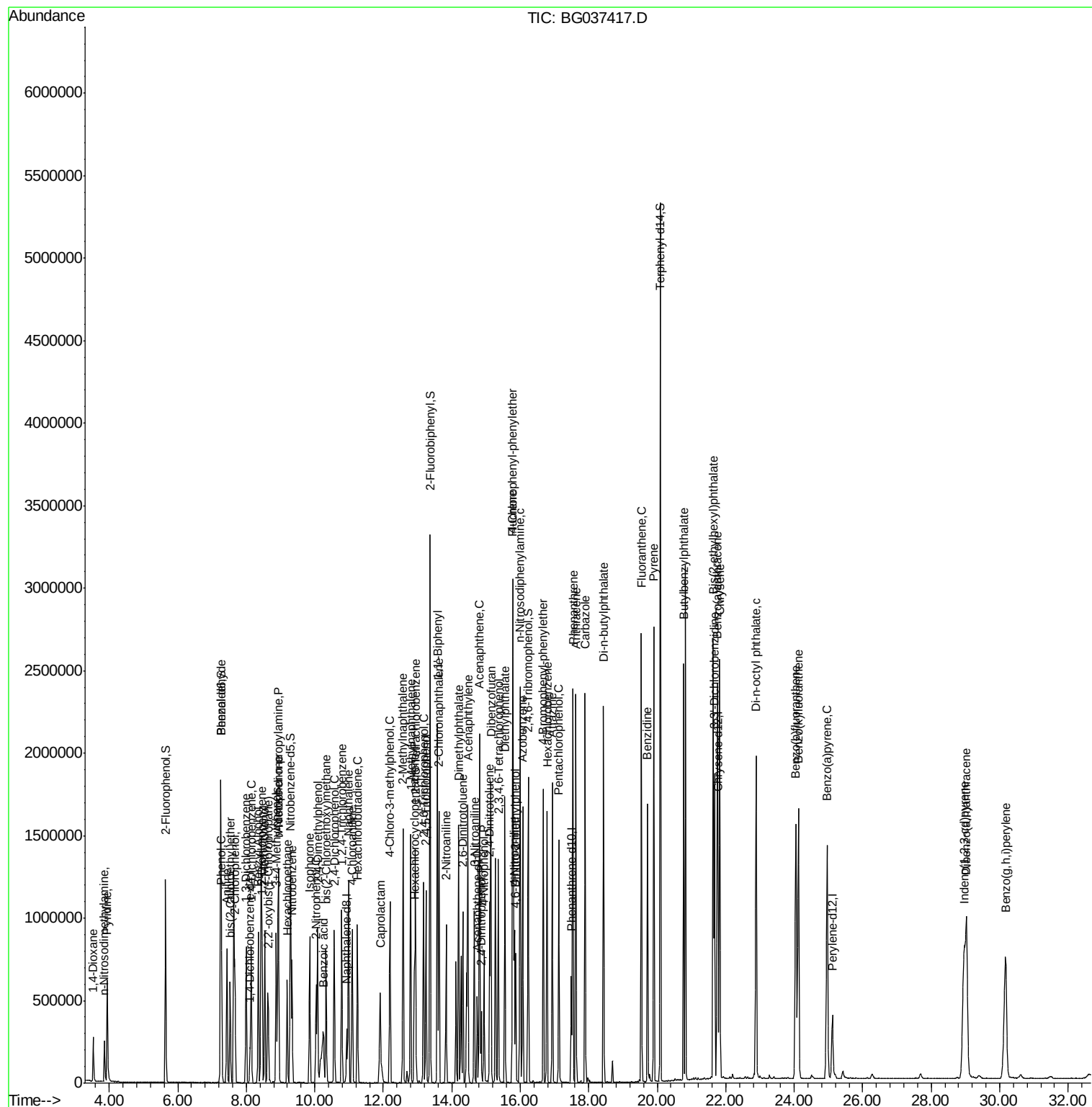
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	241722	99.448	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	323357	94.539	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	344679	93.660	ng	98
46) 1,1'-Biphenyl	13.58	154	1141619	76.225	ng	97
47) 2-Chloronaphthalene	13.63	162	876714	77.497	ng	98
48) 2-Nitroaniline	13.84	65	291644	106.682	ng	95
49) Acenaphthylene	14.47	152	1306745	75.509	ng	97
50) Dimethylphthalate	14.20	163	1069145	74.724	ng	99
51) 2,6-Dinitrotoluene	14.33	165	256177	99.206	ng	91
52) Acenaphthene	14.81	154	813772	76.127	ng	99
53) 3-Nitroaniline	14.66	138	284201	94.936	ng	# 99
54) 2,4-Dinitrophenol	14.86	184	110354	154.136	ng	92
55) Dibenzofuran	15.15	168	1281489	73.881	ng	96
56) 4-Nitrophenol	14.95	139	221569	94.951	ng	97
57) 2,4-Dinitrotoluene	15.11	165	349742	107.806	ng	95
58) Fluorene	15.79	166	969774	73.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	299755	92.000	ng	99
60) Diethylphthalate	15.55	149	1091948	73.641	ng	96
61) 4-Chlorophenyl-phenylether	15.77	204	582210	75.928	ng	100
62) 4-Nitroaniline	15.83	138	287401	91.468	ng	92
63) Azobenzene	16.07	77	1031995	72.590	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	197952	169.003	ng	97
66) n-Nitrosodiphenylamine	16.00	169	973774	78.887	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	367792	81.075	ng	99
68) Hexachlorobenzene	16.78	284	376289	80.002	ng	97
69) Atrazine	16.94	200	347412	75.724	ng	100
70) Pentachlorophenol	17.13	266	283239	93.336	ng	97
71) Phenanthrene	17.54	178	1569743	73.364	ng	96
72) Anthracene	17.62	178	1555607	74.278	ng	95
73) Carbazole	17.90	167	1562051	72.389	ng	95
74) Di-n-butylphthalate	18.44	149	1737171	75.111	ng	97
75) Fluoranthene	19.53	202	1779349	71.151	ng	94
77) Benzidine	19.72	184	967770	67.899	ng	# 95
78) Pyrene	19.90	202	1805157	74.341	ng	95
80) Butylbenzylphthalate	20.77	149	825407	87.368	ng	98
81) Benzo(a)anthracene	21.76	228	1683901	75.465	ng	94
82) 3,3'-Dichlorobenzidine	21.67	252	669704	77.805	ng	98
83) Chrysene	21.83	228	1589381	74.671	ng	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	1140961	84.104	ng	97
85) Di-n-octyl phthalate	22.89	149	1875829	85.192	ng	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1928604	81.745	ng	97
88) Benzo(b)fluoranthene	24.05	252	1677773	77.939	ng	98
89) Benzo(k)fluoranthene	24.12	252	1669015	78.572	ng	96
90) Benzo(a)pyrene	24.96	252	1638404	79.372	ng	98
91) Dibenzo(a,h)anthracene	29.03	278	1554602	78.711	ng	97
92) Benzo(g,h,i)perylene	30.17	276	1573637	79.774	ng	99

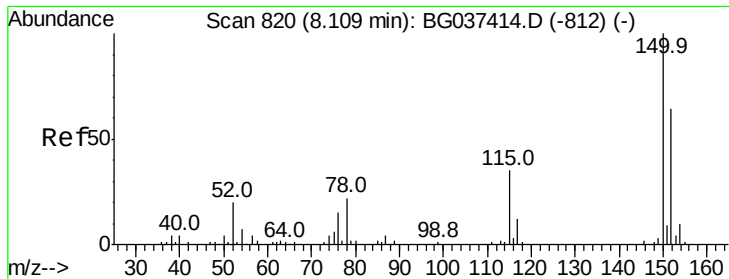
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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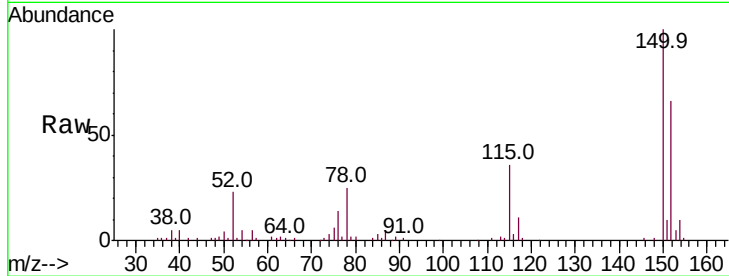


#1

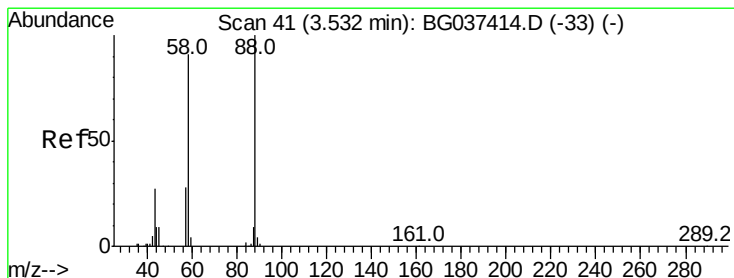
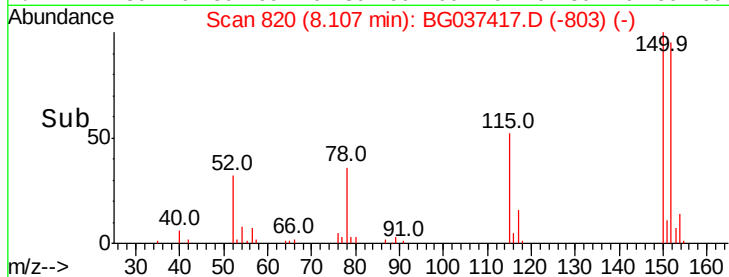
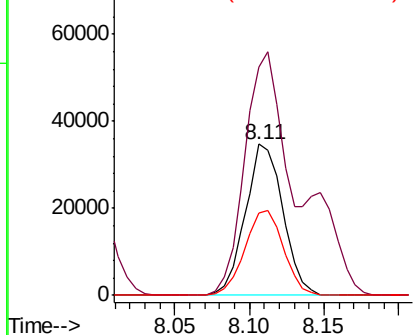
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60420
Ion Ratio Lower Upper
152 100
150 151.6 126.0 189.0
115 55.0 45.5 68.3



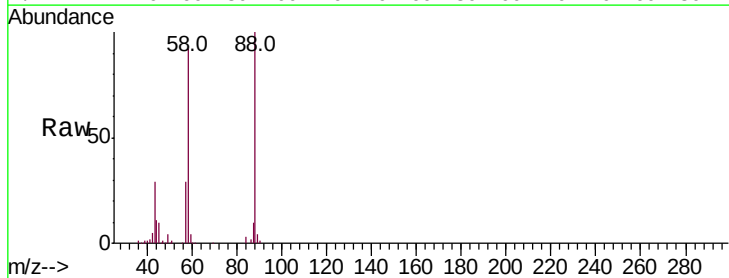
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



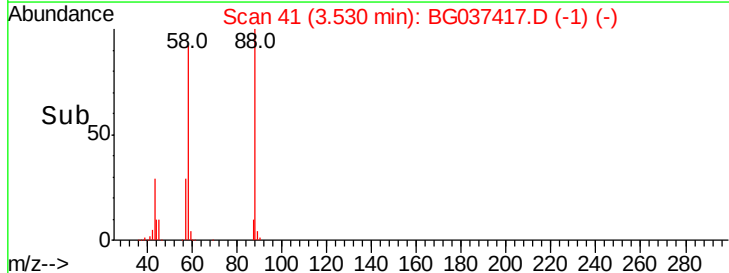
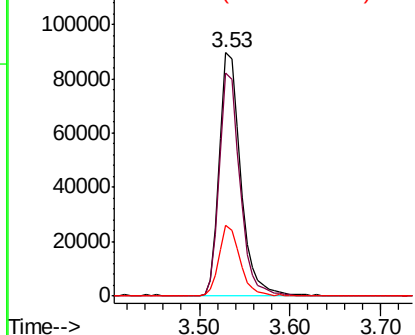
#2

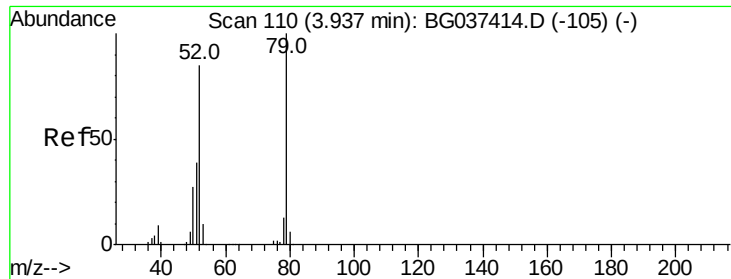
1,4-Dioxane
Concen: 75.295 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion: 88 Resp: 145181
Ion Ratio Lower Upper
88 100
58 89.3 74.4 111.6
43 28.9 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 82.723 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

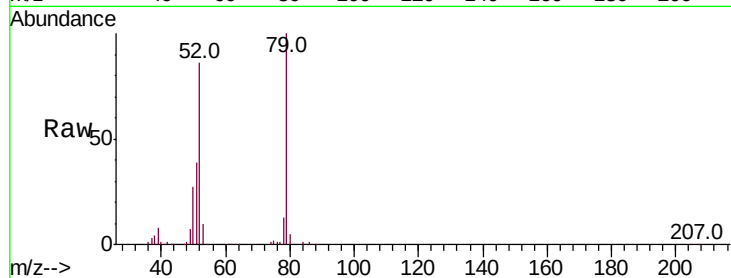
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 378707

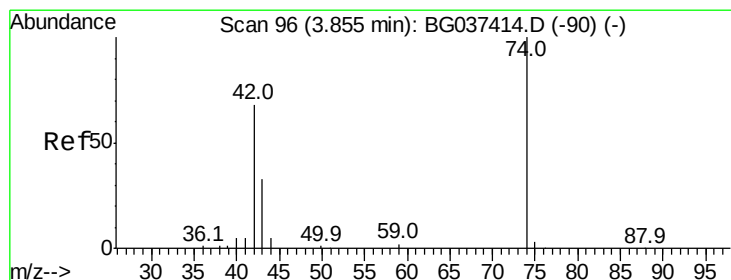
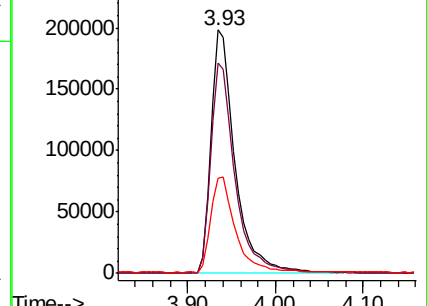
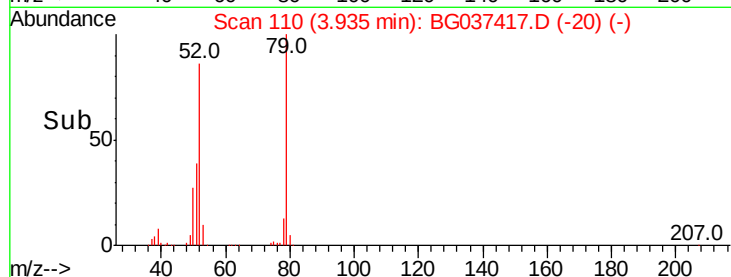
Ion	Ratio	Lower	Upper
79	100		
52	86.5	74.2	111.2
51	39.2	34.6	51.8



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: 77.664 ng

RT: 3.86 min Scan# 97

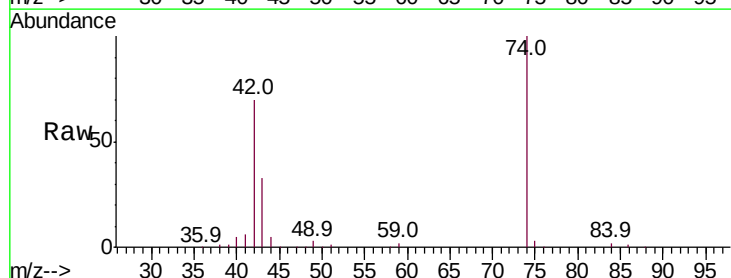
Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion: 42 Resp: 138072

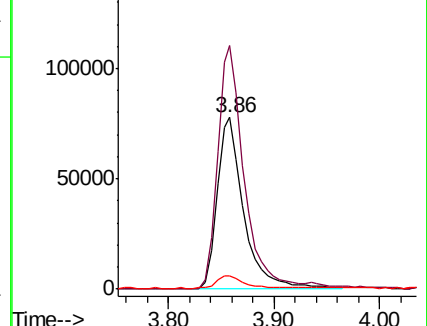
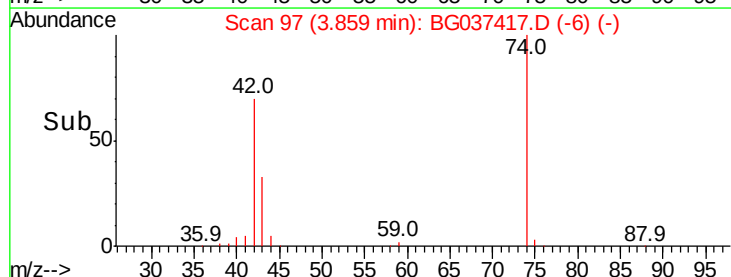
Ion	Ratio	Lower	Upper
42	100		
74	141.9	102.0	153.0
44	7.7	9.6	14.4#

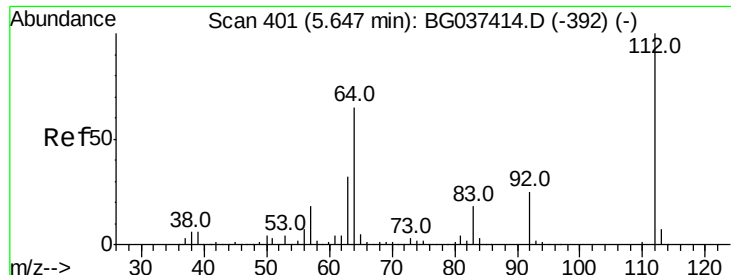


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 168.967 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

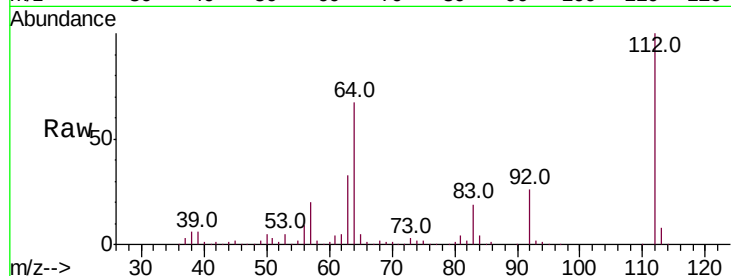
Tot Ion:112 Resp: 580087

Ion Ratio Lower Upper

112 100

64 67.0 53.1 79.7

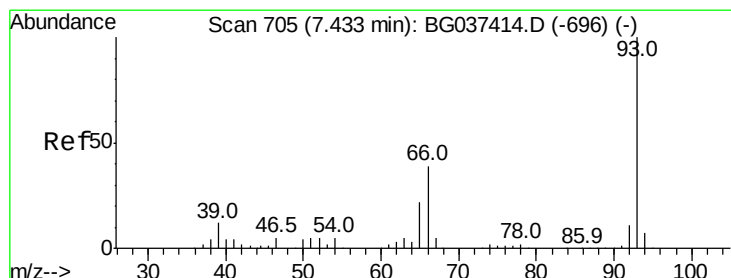
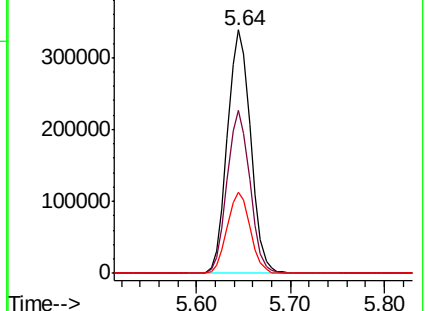
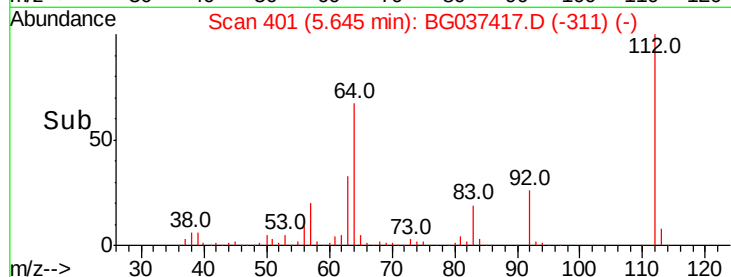
63 33.5 27.3 40.9



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: 79.204 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

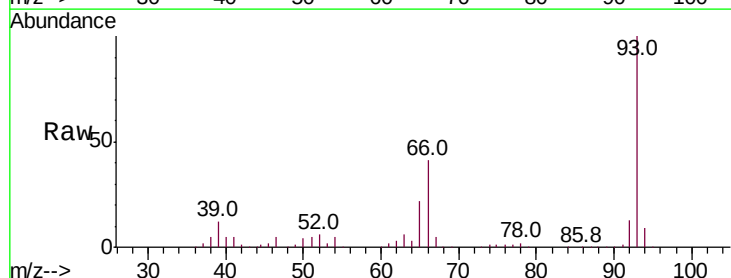
Tgt Ion: 93 Resp: 540278

Ion Ratio Lower Upper

93 100

66 40.6 32.8 49.2

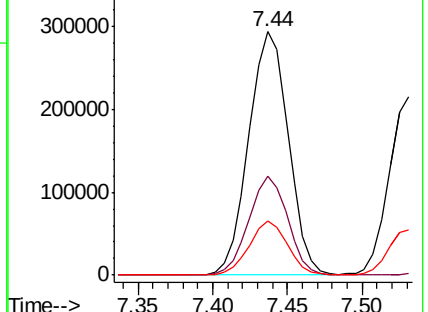
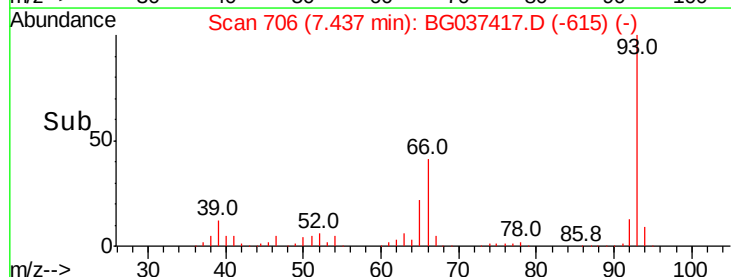
65 22.4 16.4 24.6

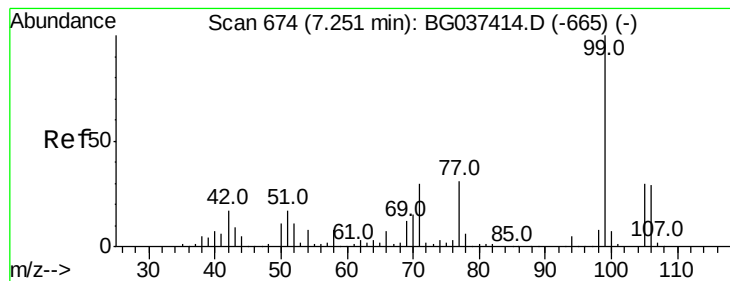


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 164.329 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

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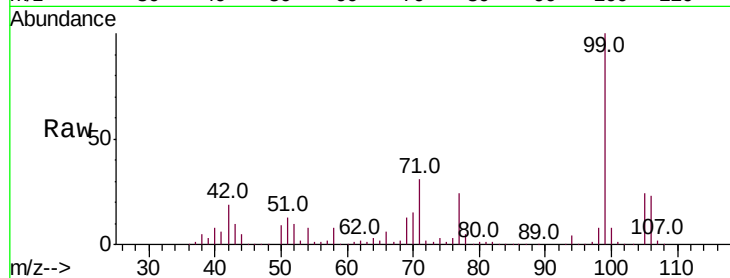
Tot Ion: 99 Resp: 856308

Ion Ratio Lower Upper

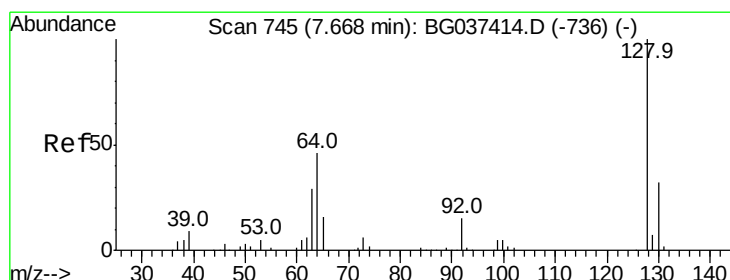
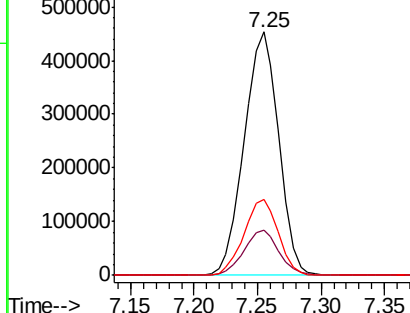
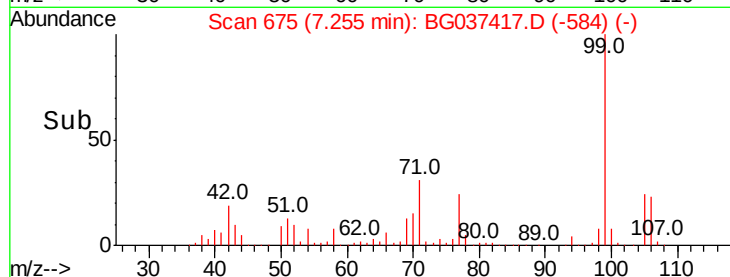
99 100

42 18.6 15.0 22.4

71 31.2 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: 83.259 ng

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

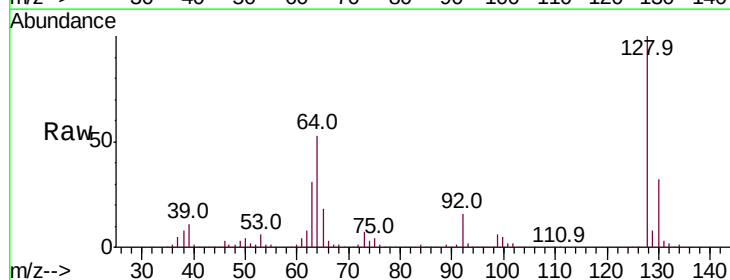
Tgt Ion: 128 Resp: 334539

Ion Ratio Lower Upper

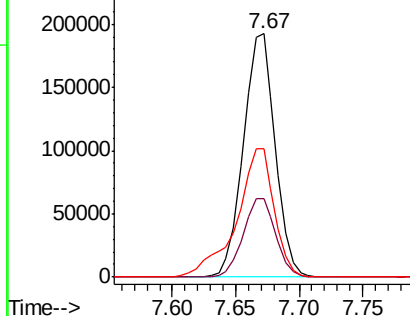
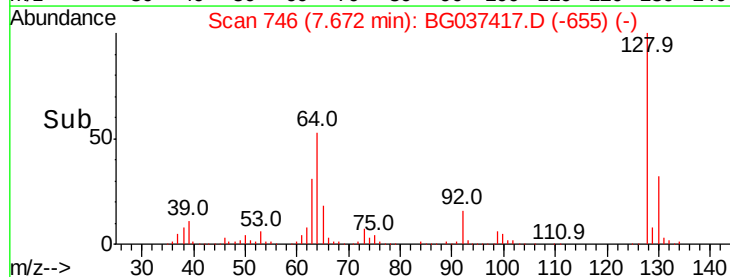
128 100

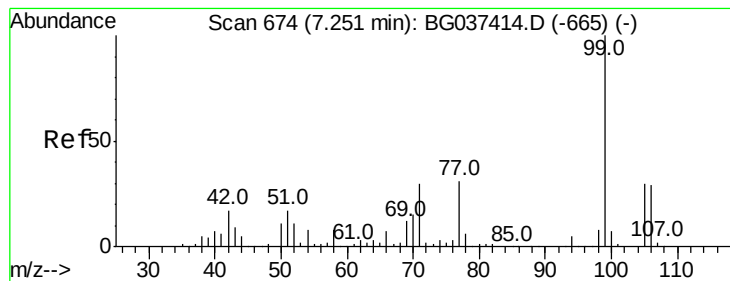
130 32.4 12.0 52.0

64 52.6 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: 61.918 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

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ClientSampleId :

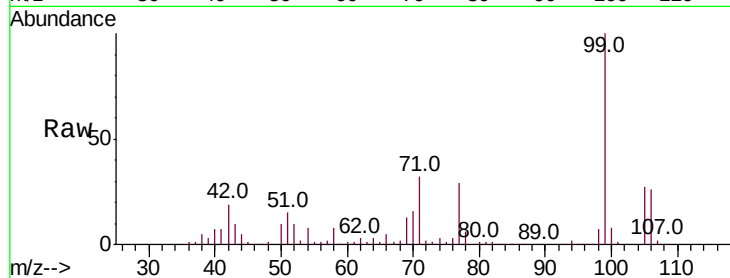
Tot Ion: 77 Resp: 222144

Ion Ratio Lower Upper

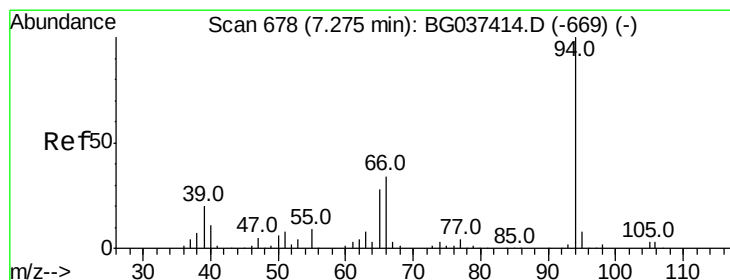
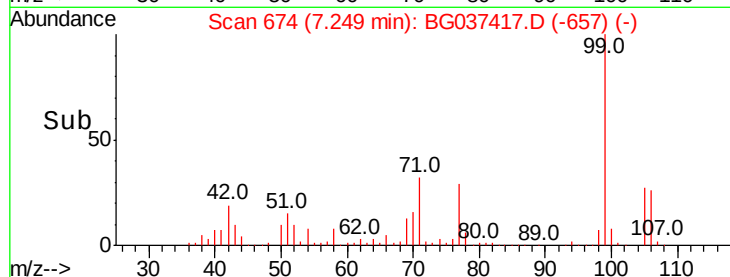
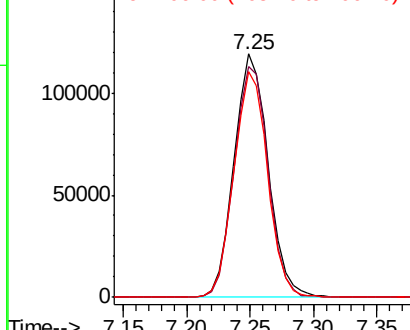
77 100

105 95.0 72.6 112.6

106 92.5 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: 82.863 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

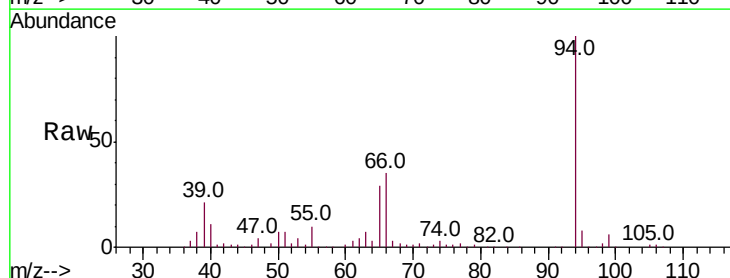
Tgt Ion: 94 Resp: 454769

Ion Ratio Lower Upper

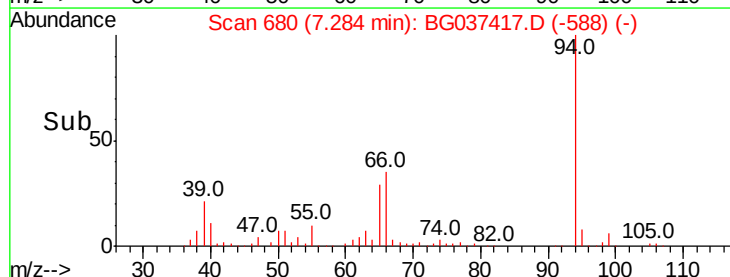
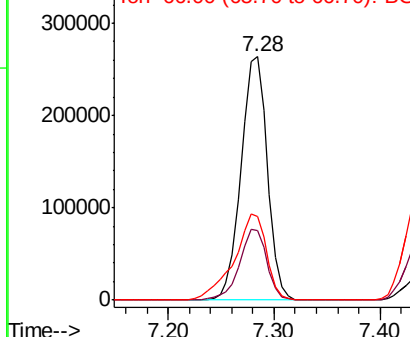
94 100

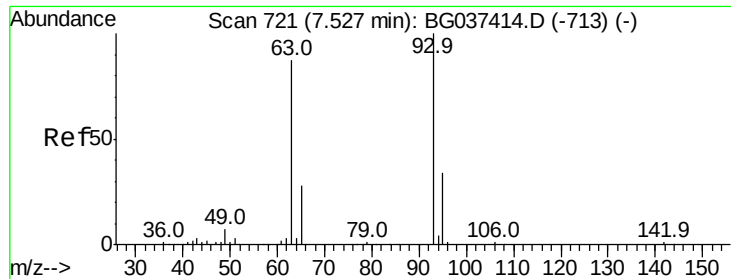
65 28.8 9.7 49.7

66 34.6 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: 79.061 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

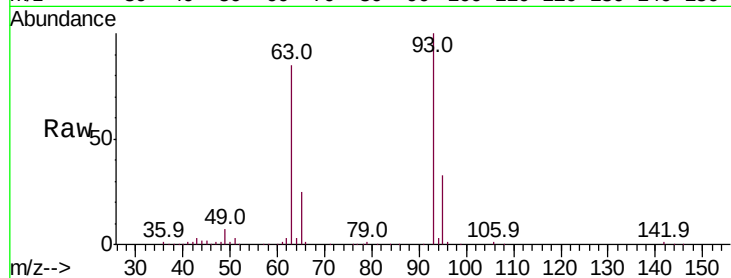
Tot Ion: 93 Resp: 354480

Ion Ratio Lower Upper

93 100

63 84.7 69.5 109.5

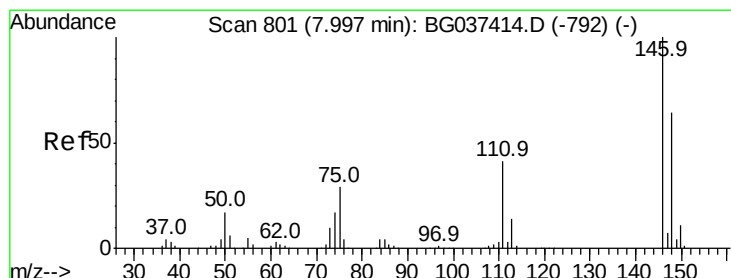
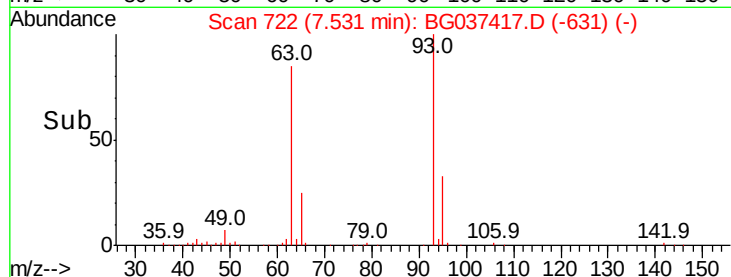
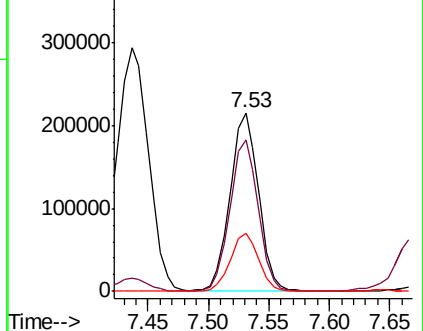
95 32.6 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 79.128 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

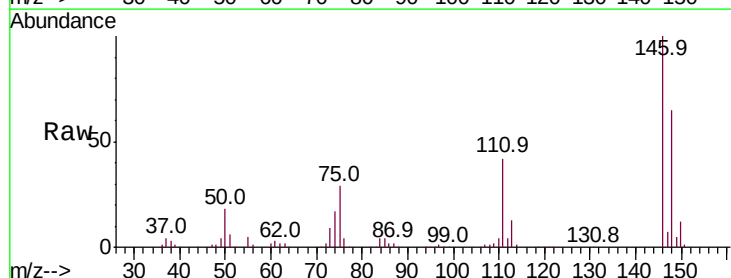
Tgt Ion: 146 Resp: 373763

Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.8

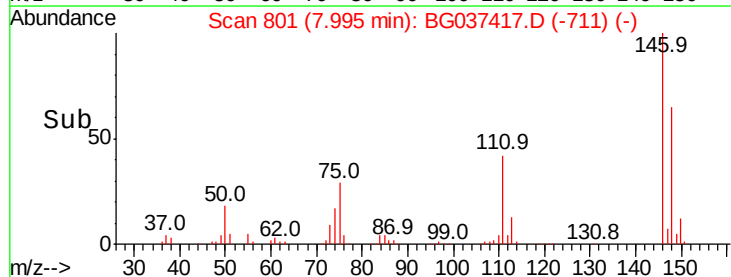
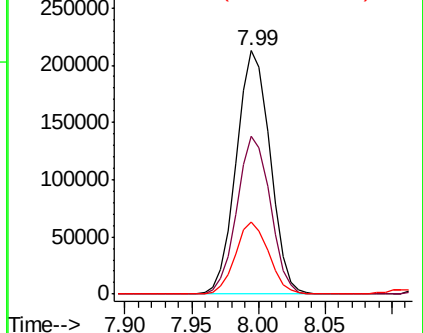
75 29.4 23.2 34.8

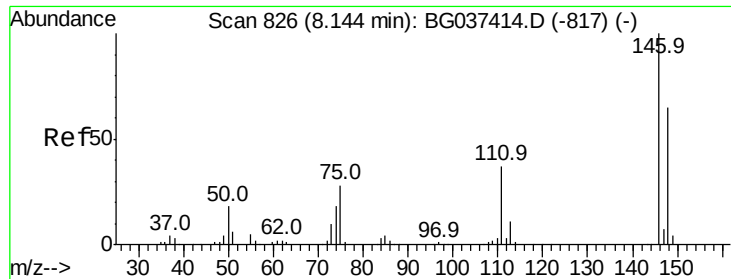


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

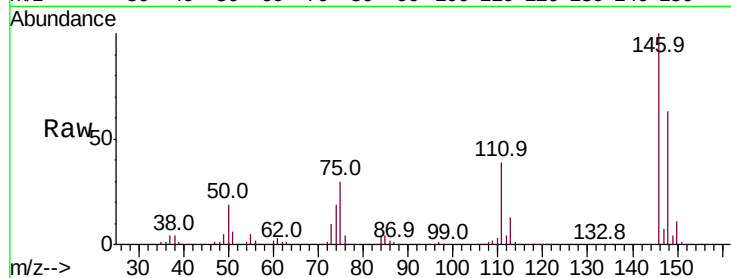




#13
 1,4-Dichlorobenzene
 Concen: 79.659 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	38.6	32.4	48.6

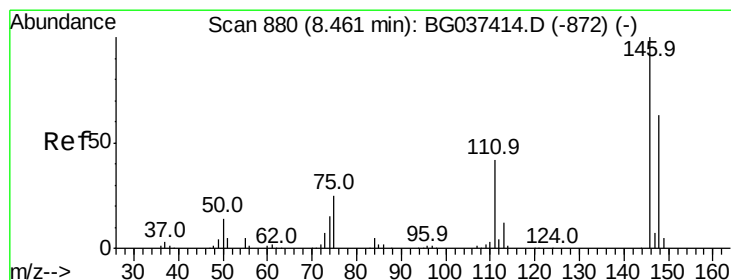
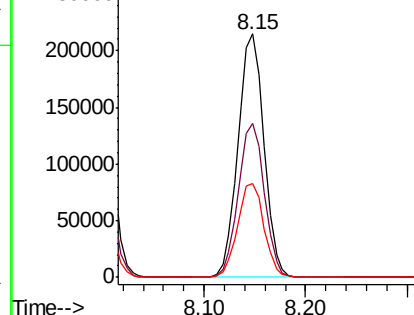
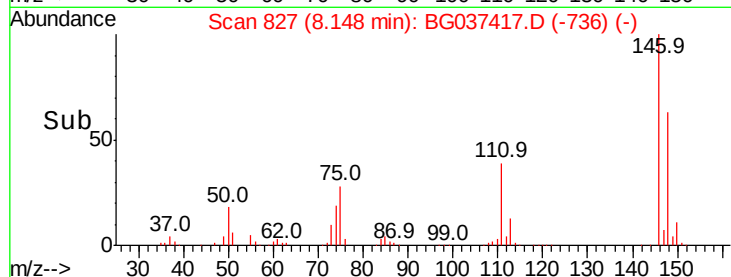


Abundance

Ion 146.00 (145.70 to 146.70): E

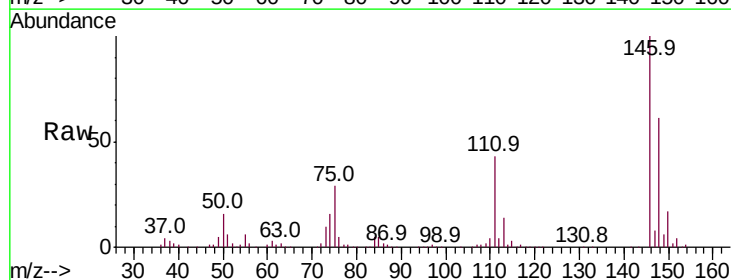
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 78.083 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.4	75.6
111	43.5	34.6	51.8

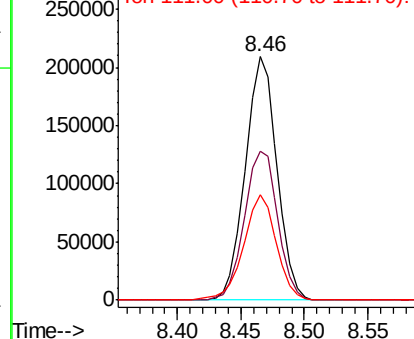
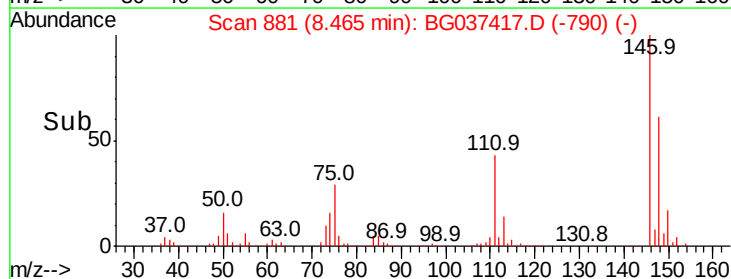


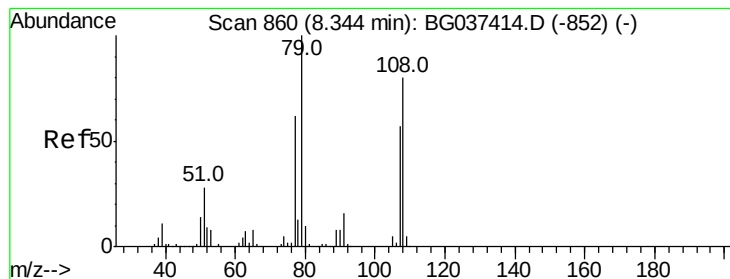
Abundance

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: 82.789 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

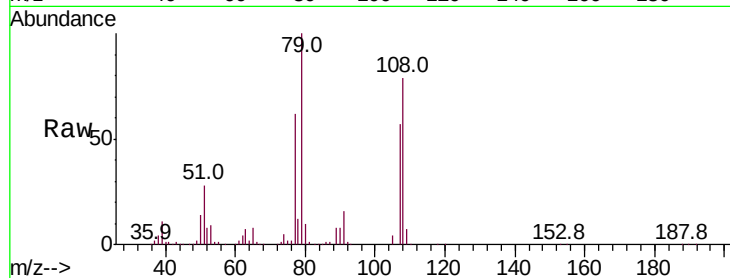
Tot Ion: 79 Resp: 337454

Ion Ratio Lower Upper

79 100

108 79.3 65.8 98.8

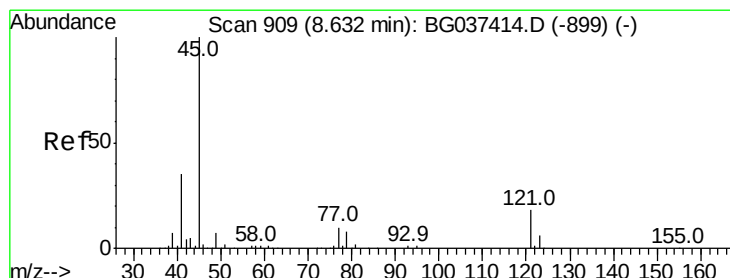
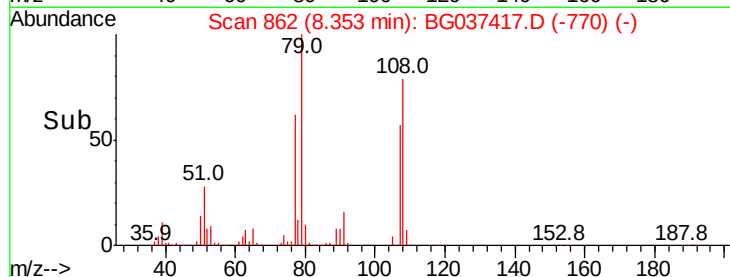
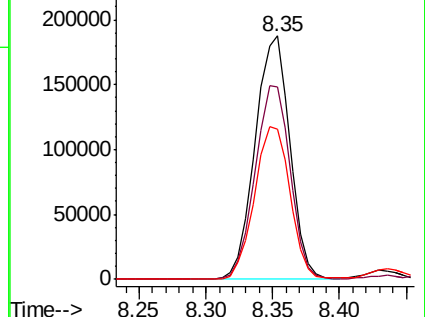
77 61.6 52.9 79.3



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: 71.109 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

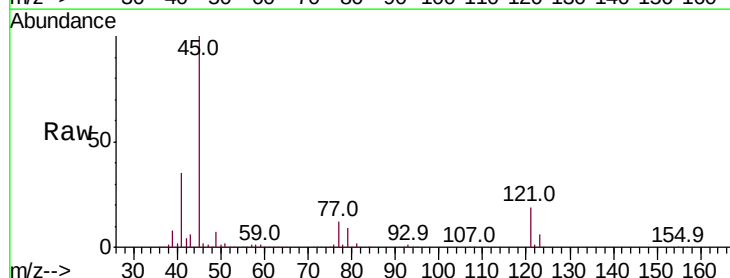
Tgt Ion: 45 Resp: 630289

Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.0

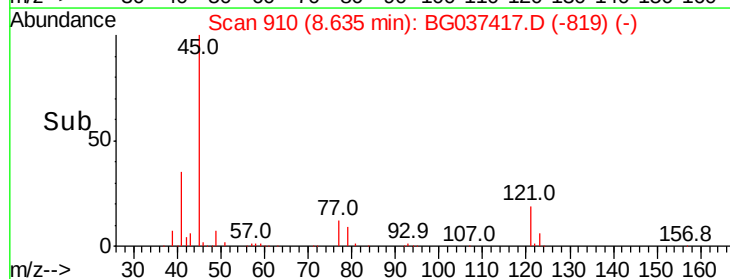
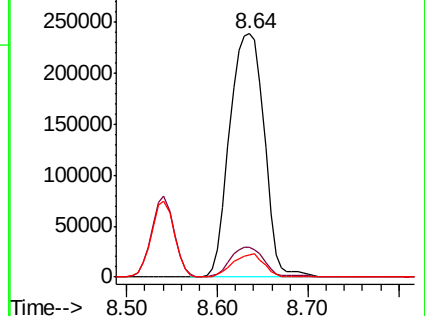
79 8.9 0.0 29.0

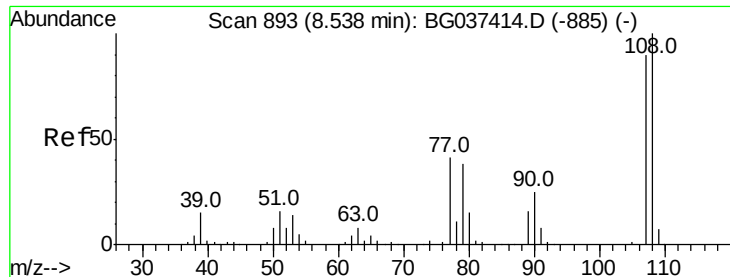


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 84.277 ng

RT: 8.54 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 309768

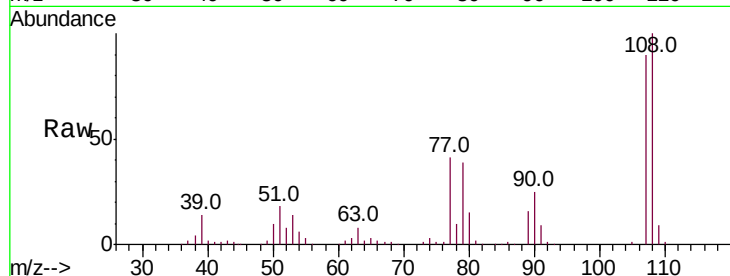
Ion Ratio Lower Upper

107 100

108 111.1 87.9 131.9

77 45.9 35.1 52.7

79 43.1 34.5 51.7

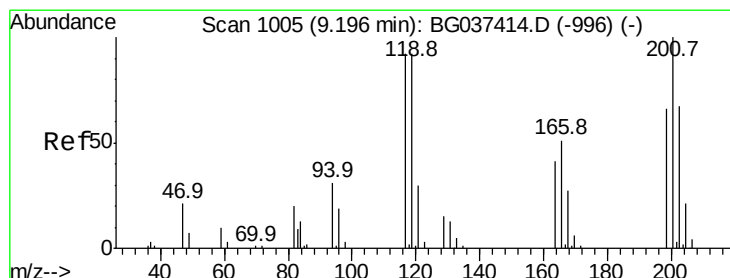
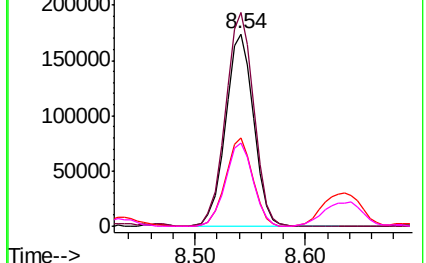
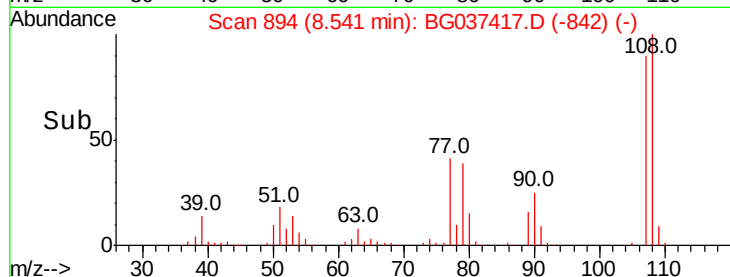


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 81.860 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

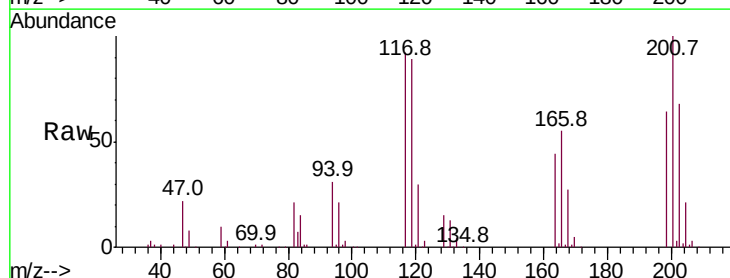
Tgt Ion:117 Resp: 133616

Ion Ratio Lower Upper

117 100

119 96.2 74.6 111.8

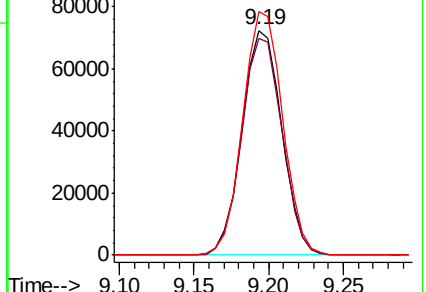
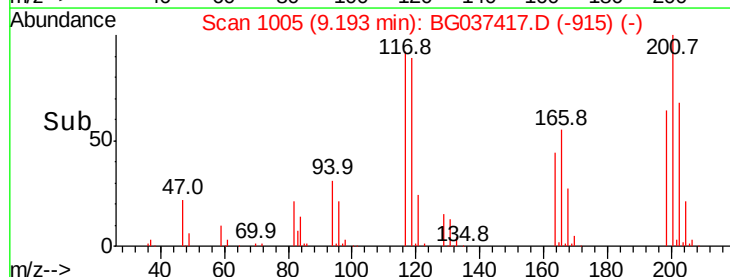
201 108.4 80.8 121.2

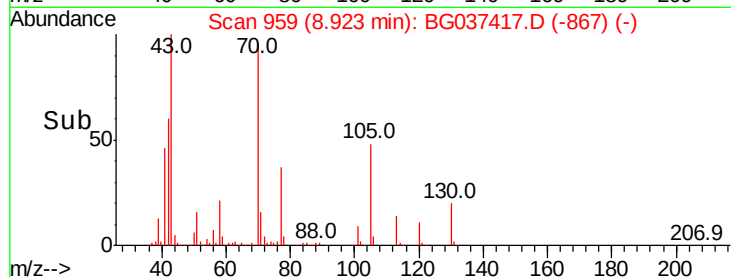
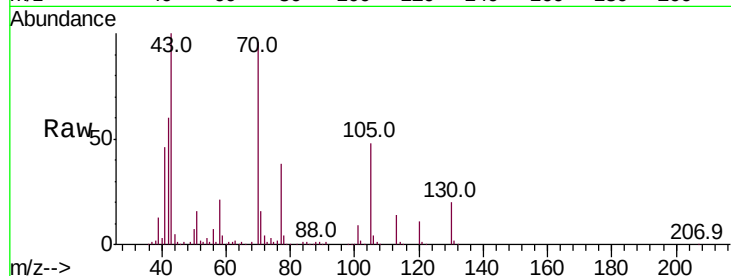
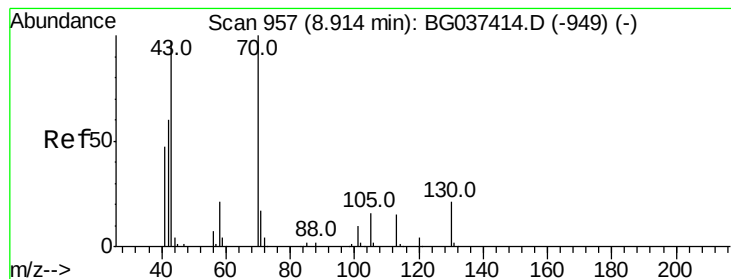


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 77.034 ng

RT: 8.92 min Scan# 959

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 303917

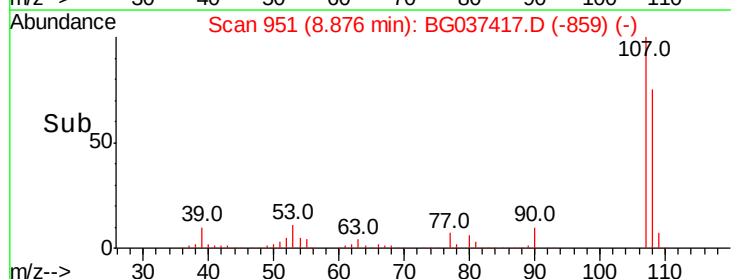
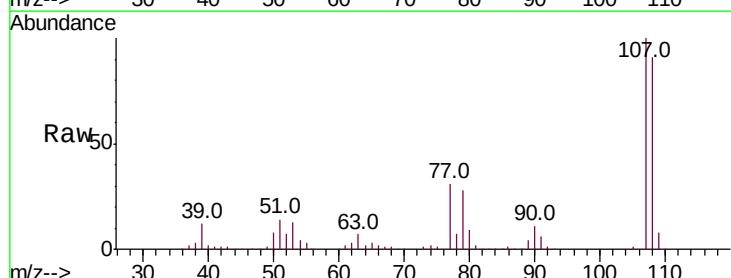
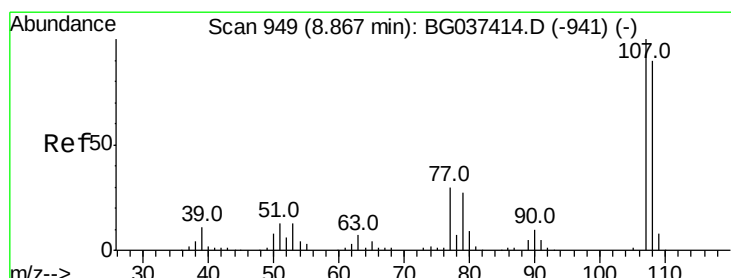
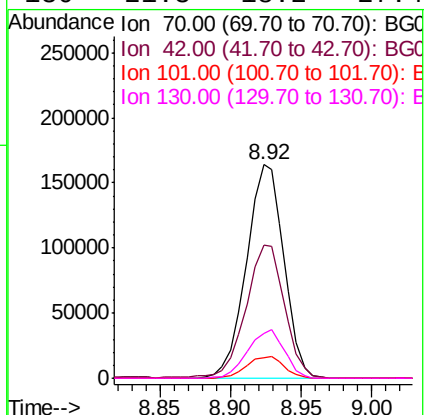
Ion Ratio Lower Upper

70 100

42 62.3 53.9 80.9

101 9.4 8.2 12.2

130 21.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 85.709 ng

RT: 8.88 min Scan# 951

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion: 107 Resp: 440495

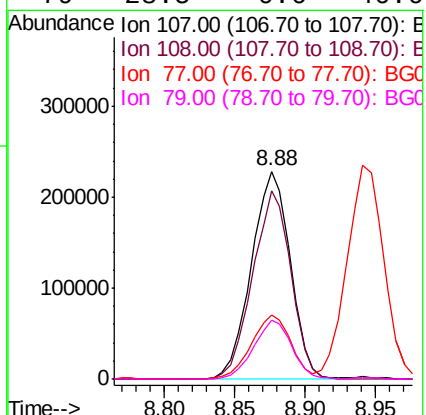
Ion Ratio Lower Upper

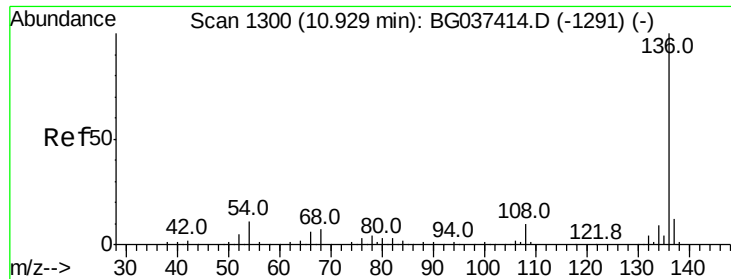
107 100

108 90.7 69.9 109.9

77 30.9 11.2 51.2

79 28.5 6.6 46.6

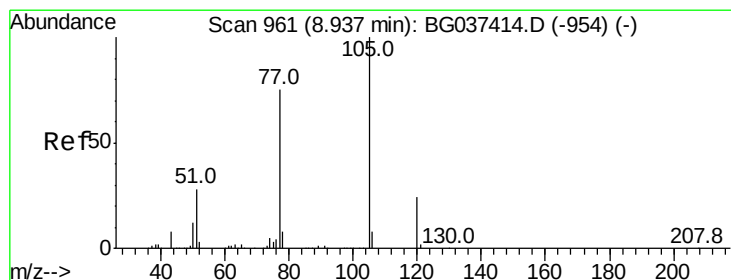
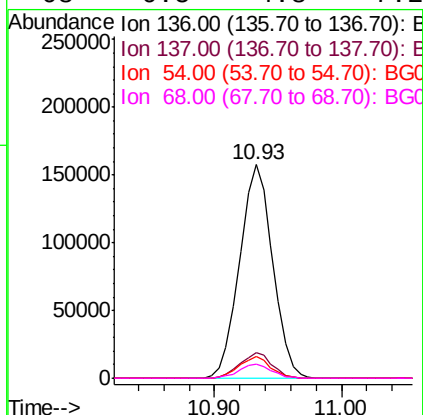
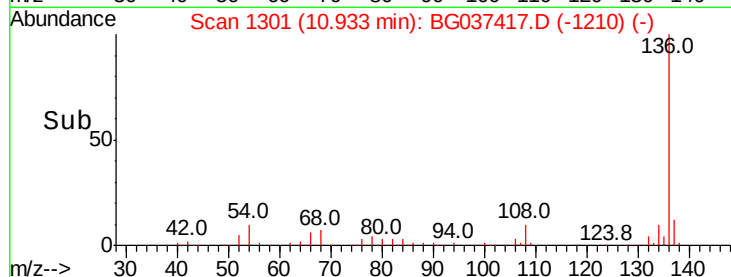
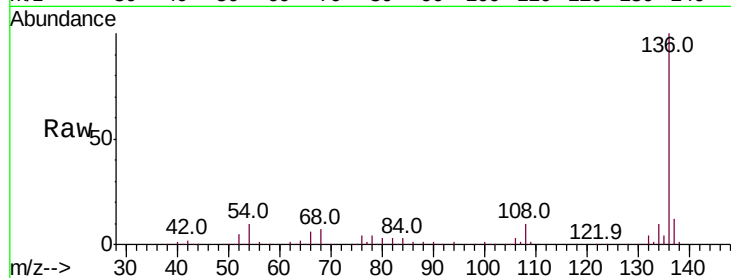




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

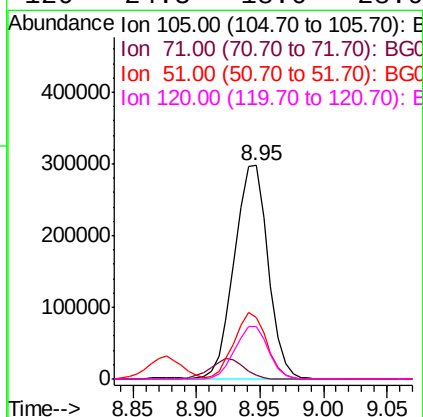
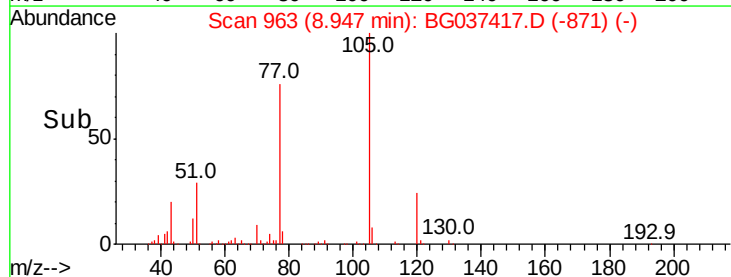
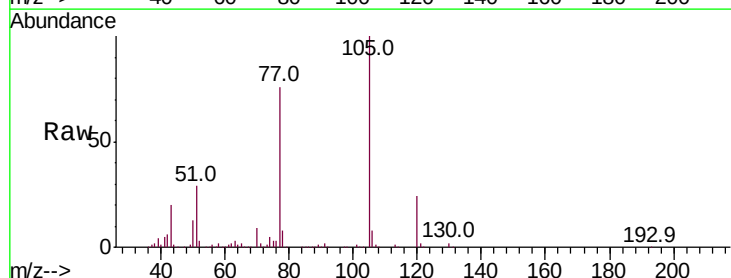
Instrument :
BNA_G
ClientSampled :

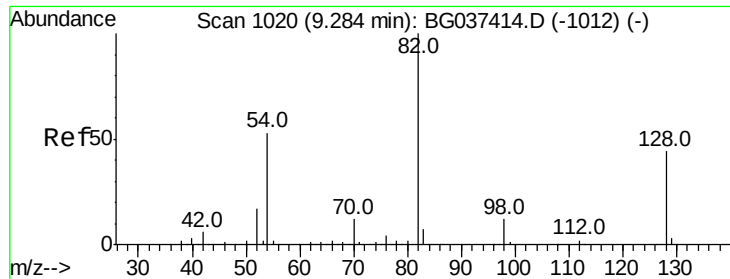
Tot Ion:136	Resp:	283743	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 10.3	7.9	11.9	
68 6.5	4.8	7.2	



#22
Acetophenone
Concen: 76.851 ng
RT: 8.95 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:105	Resp:	549684
Ion Ratio	Lower	Upper
105 100		
71 1.5	1.2	1.8
51 29.0	25.0	37.6
120 24.3	18.6	28.0

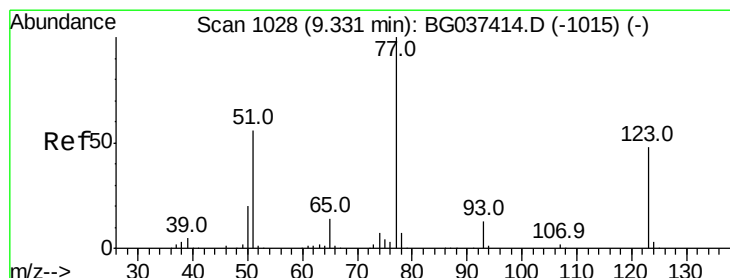
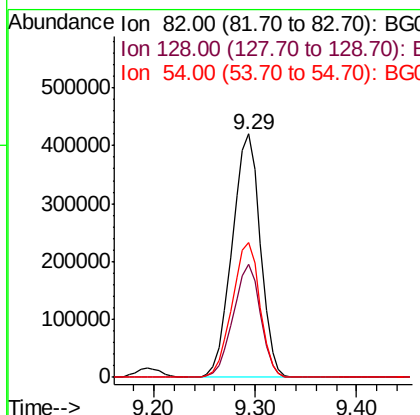
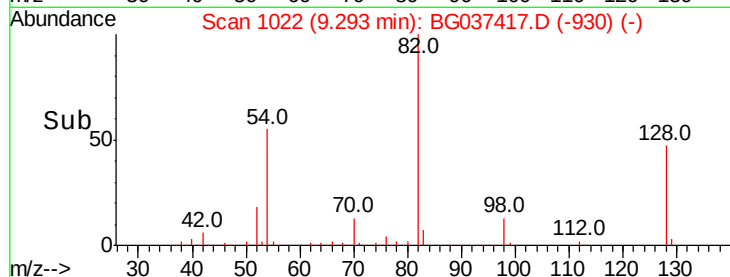
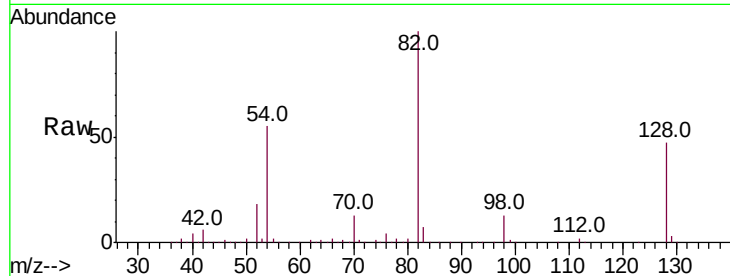




#23
Nitrobenzene-d5
Concen: 187.177 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

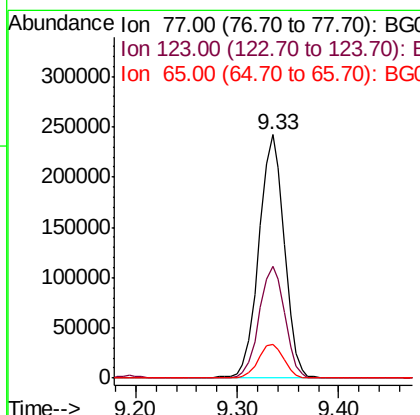
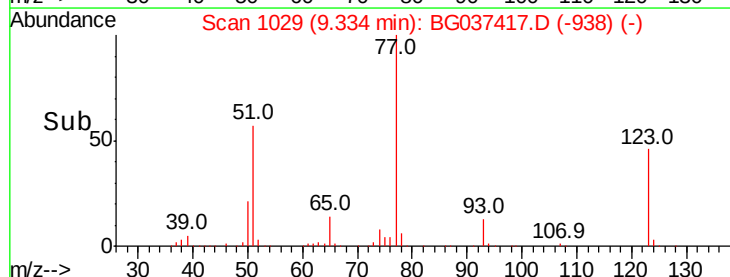
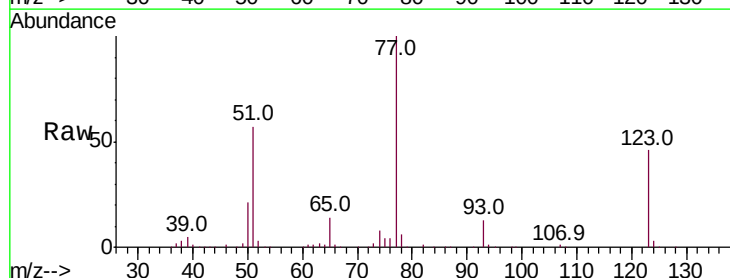
Instrument :
BNA_G
ClientSampleId :

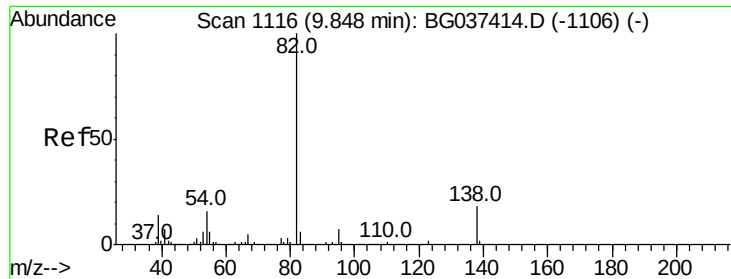
Tot Ion: 82 Resp: 807822
Ion Ratio Lower Upper
82 100
128 46.6 34.6 51.8
54 55.3 45.3 67.9



#24
Nitrobenzene
Concen: 90.996 ng
RT: 9.33 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion: 77 Resp: 420637
Ion Ratio Lower Upper
77 100
123 46.0 33.6 50.4
65 13.9 11.3 16.9





#25

Isophorone

Concen: 76.700 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampled :

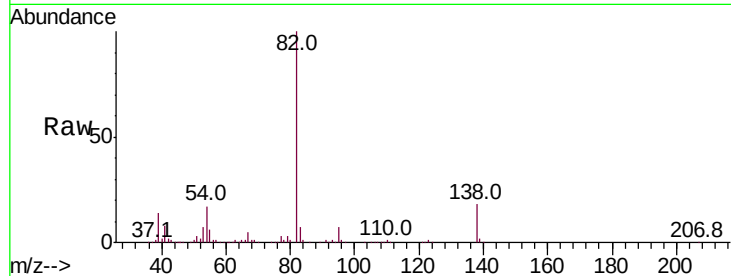
Tot Ion: 82 Resp: 755678

Ion Ratio Lower Upper

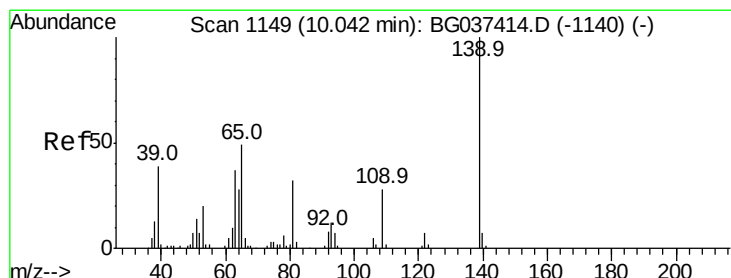
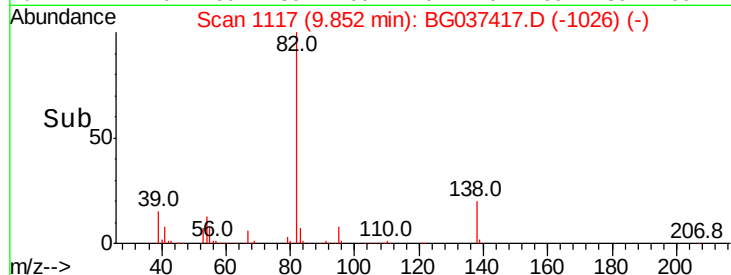
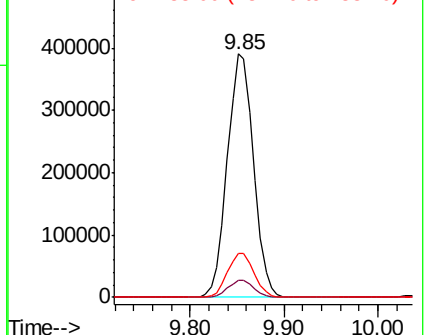
82 100

95 7.0 5.3 7.9

138 18.0 13.3 19.9



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



#26

2-Nitrophenol

Concen: 128.085 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

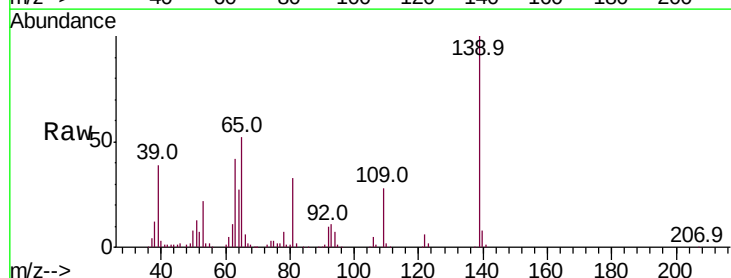
Tgt Ion: 139 Resp: 210671

Ion Ratio Lower Upper

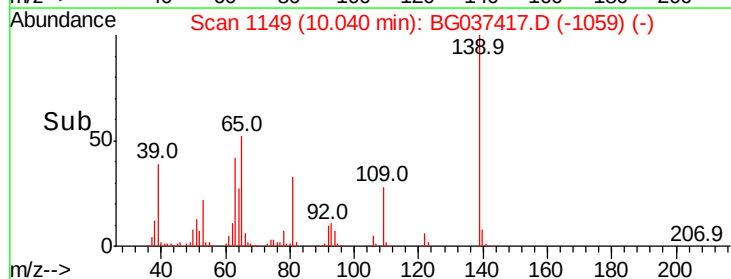
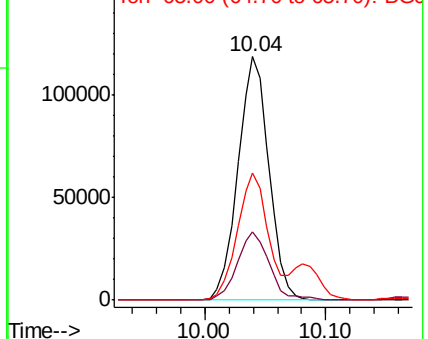
139 100

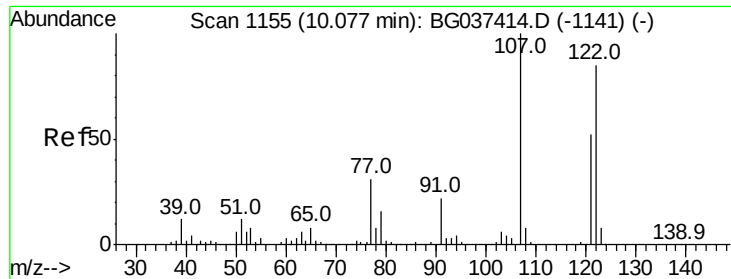
109 28.2 23.3 34.9

65 52.3 39.8 59.8



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

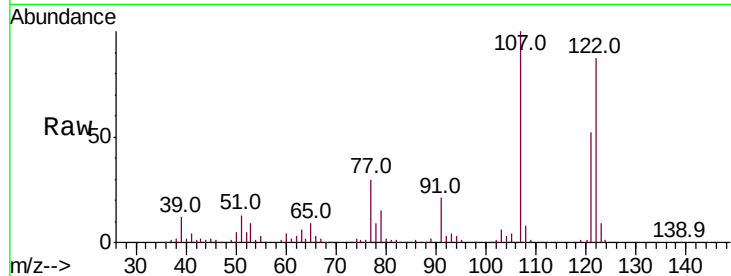




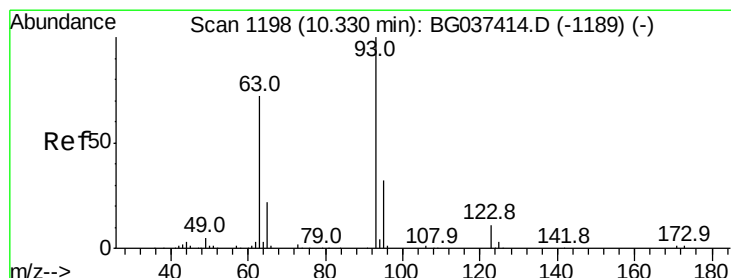
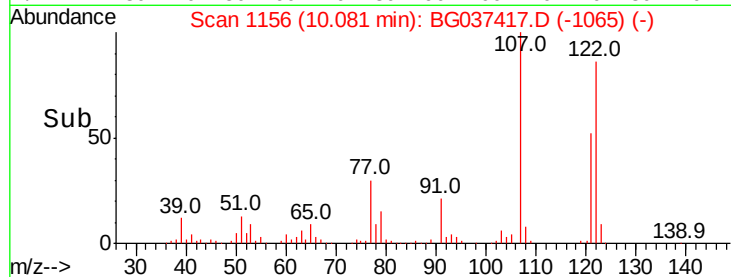
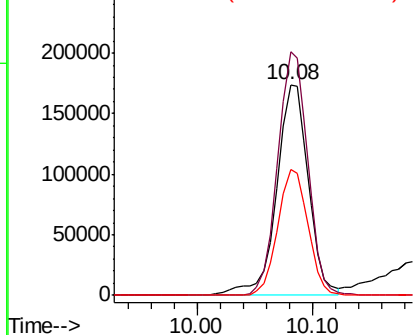
#27
 2,4-Dimethylphenol
 Concen: 80.761 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 332583
 Ion Ratio Lower Upper
 122 100
 107 115.6 94.2 141.2
 121 59.6 47.3 70.9

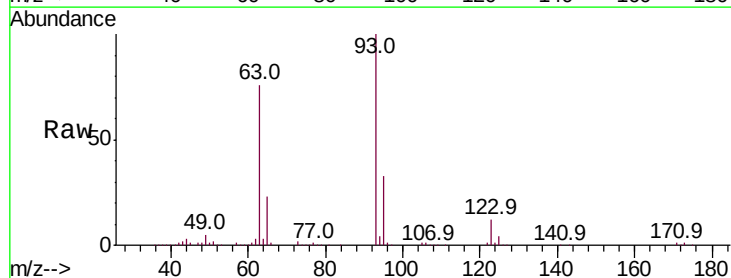


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

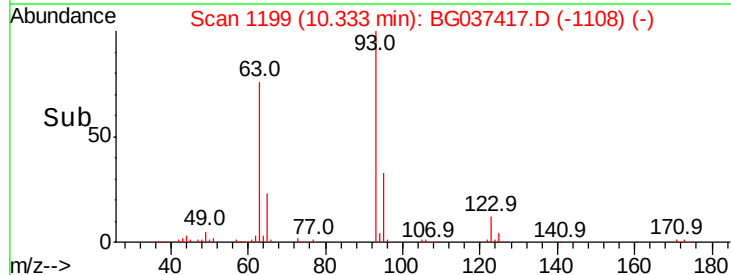
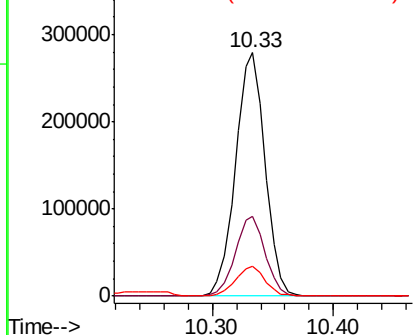


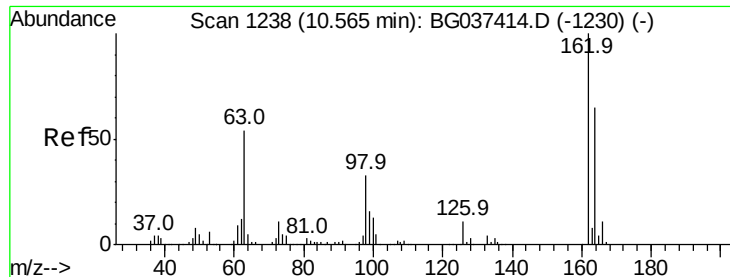
#28
 bis(2-Chloroethoxy)methane
 Concen: 76.858 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion: 93 Resp: 473755
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.5 9.1 13.7



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

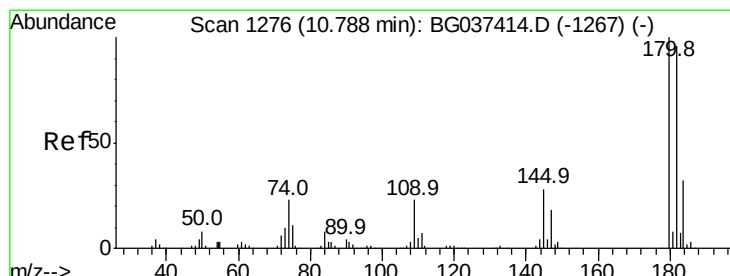
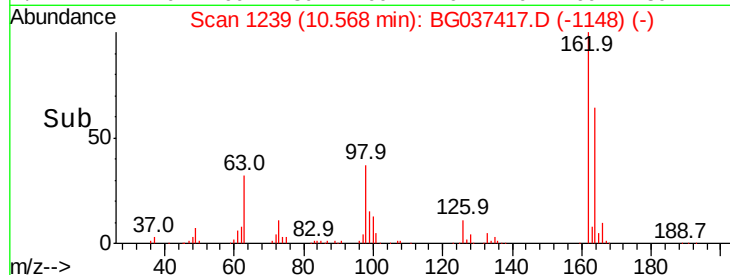
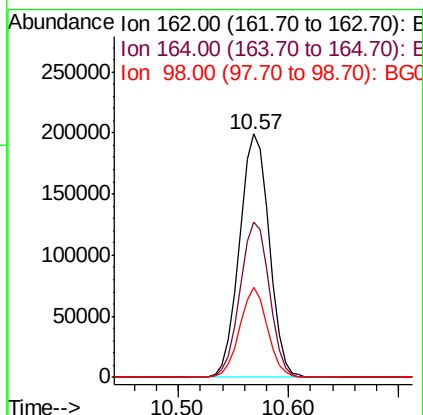
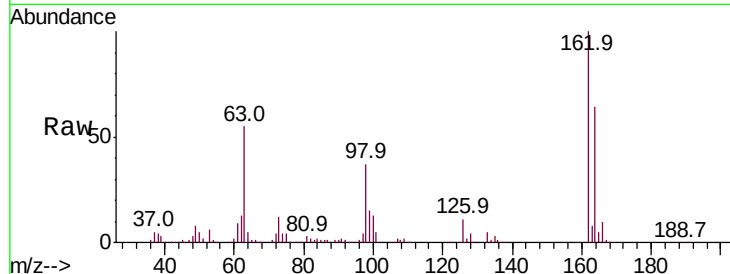




#29
 2,4-Dichlorophenol
 Concen: 90.335 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

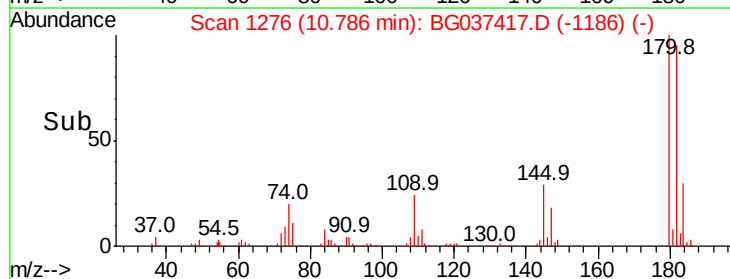
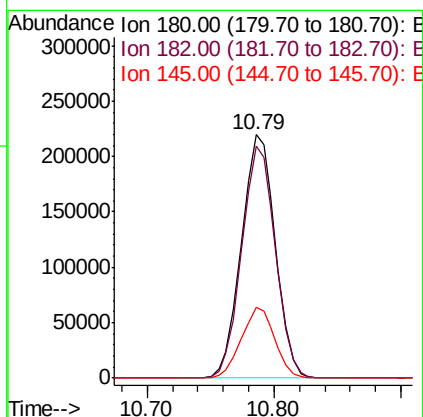
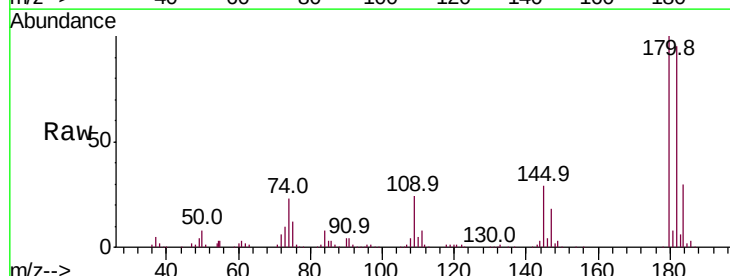
Instrument :
 BNA_G
 ClientSampled :

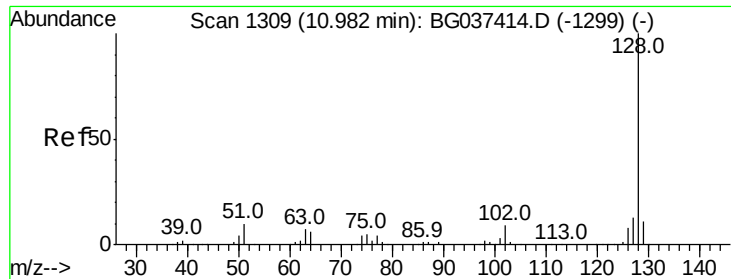
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	37.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 79.853 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	29.0	23.3	34.9

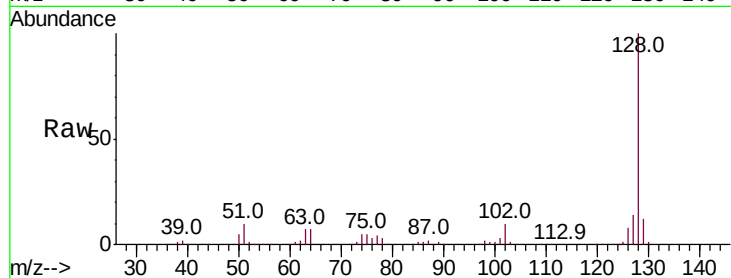




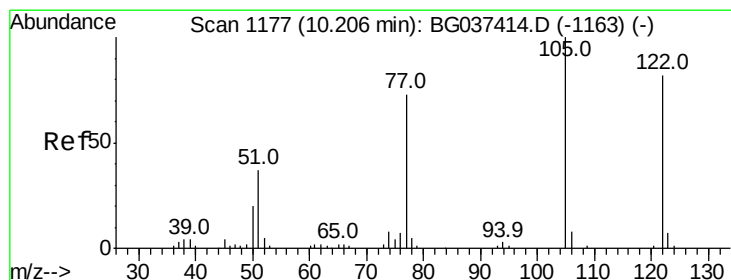
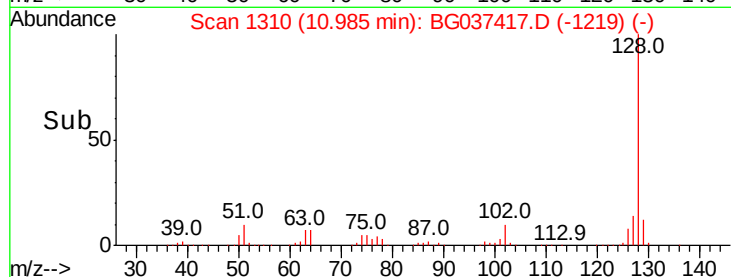
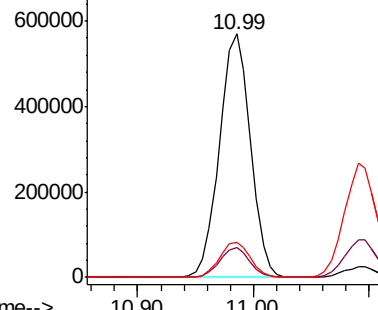
#31
Naphthalene
Concen: 77.145 ng
RT: 10.99 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1063800
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.5 11.1 16.7

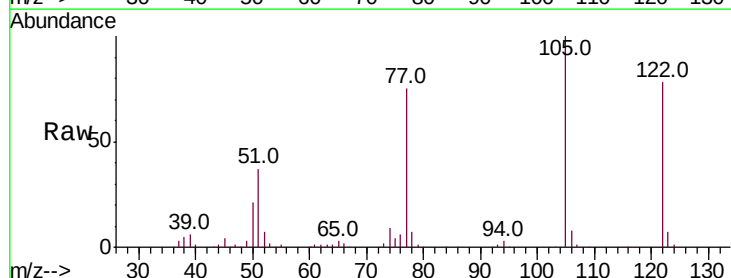


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

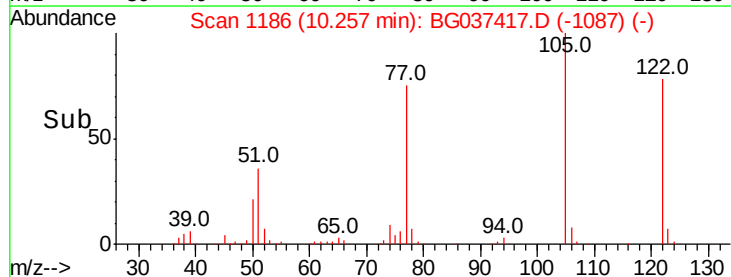
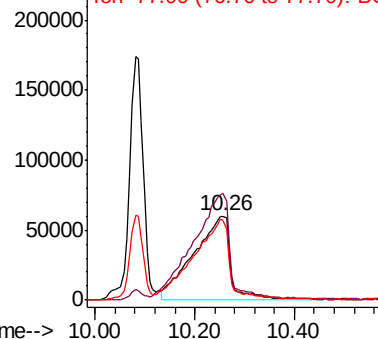


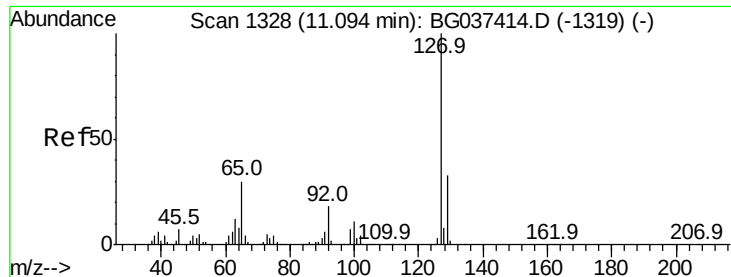
#32
Benzoic acid
Concen: 133.894 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.05 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:122 Resp: 304464
Ion Ratio Lower Upper
122 100
105 127.5 106.7 146.7
77 95.9 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

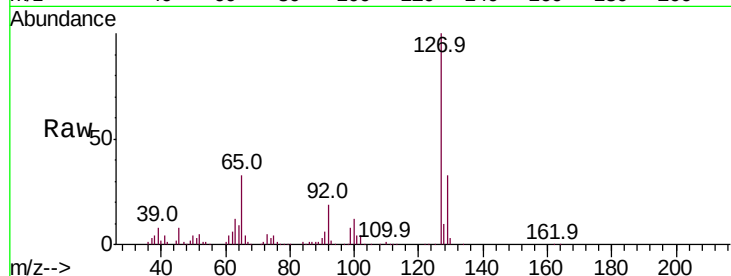




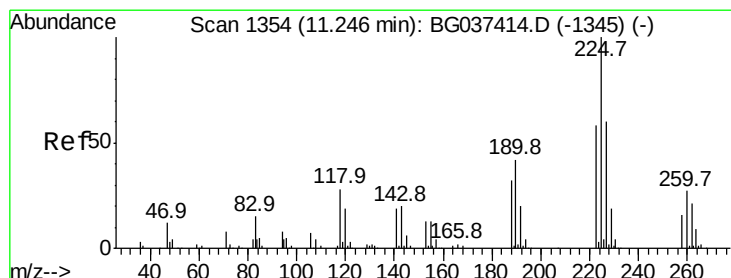
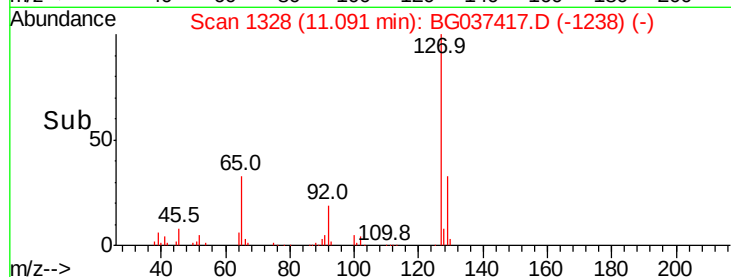
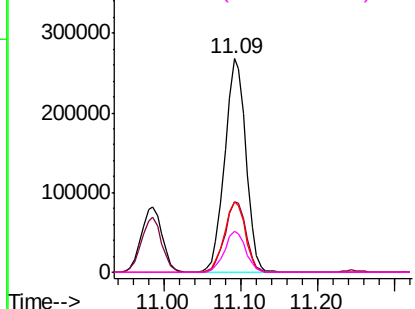
#33
4-Chloroaniline
Concen: 79.181 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	512202
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.1	40.7
65	33.2	26.6	39.8
92	19.3	16.4	24.6

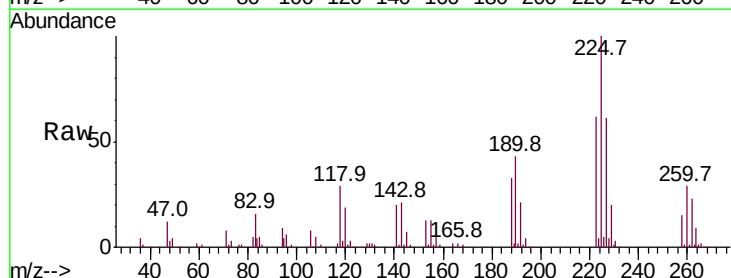


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

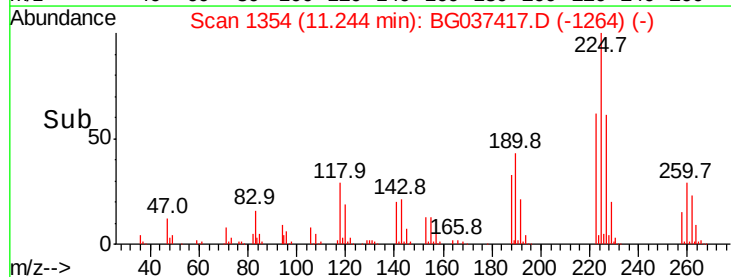
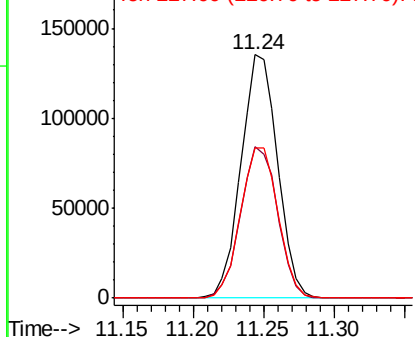


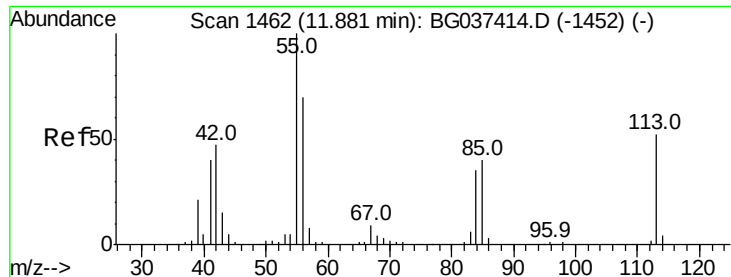
#34
Hexachlorobutadiene
Concen: 77.629 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:	225	Resp:	245225
Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.2	72.4
227	62.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

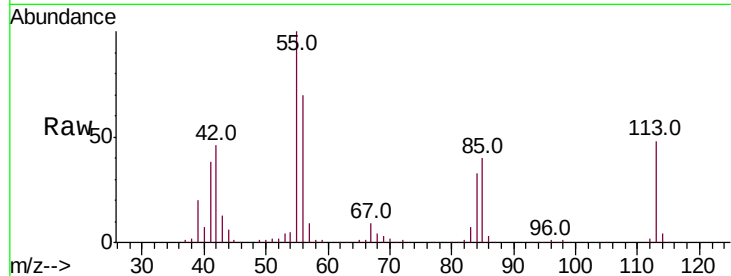




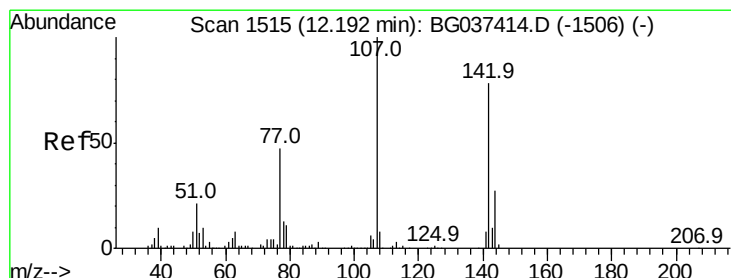
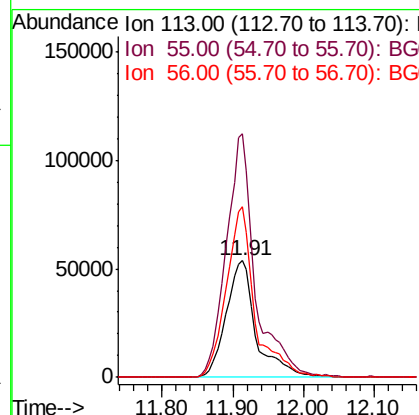
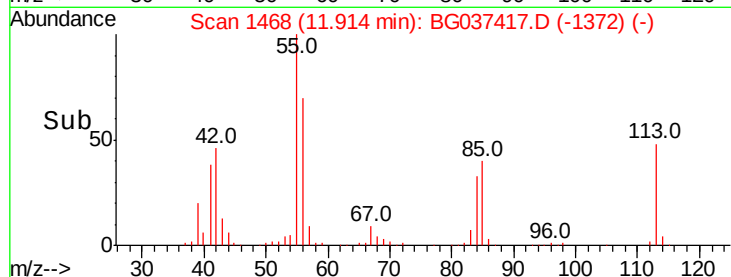
#35
Caprolactam
Concen: 92.681 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.03 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 157946
Ion Ratio Lower Upper
113 100
55 208.6 176.6 216.6
56 145.7 128.3 168.3

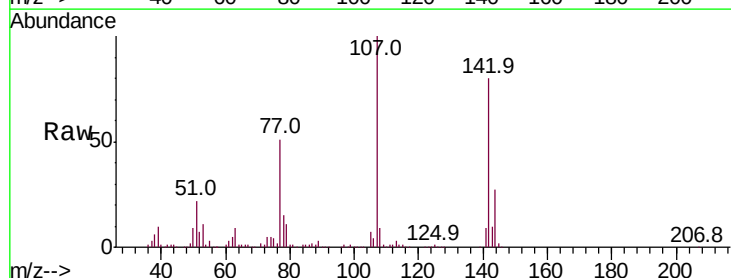


Abundance Ion 113.00 (112.70 to 113.70): E
150000 Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

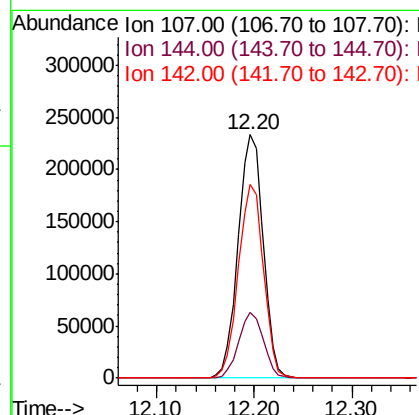
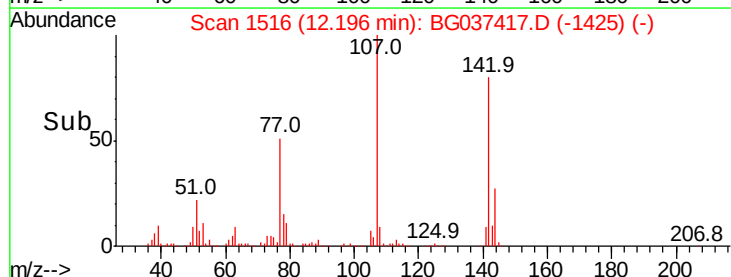


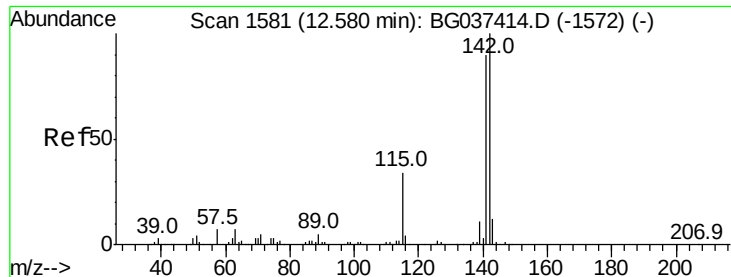
#36
4-Chloro-3-methylphenol
Concen: 84.756 ng
RT: 12.20 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:107 Resp: 418440
Ion Ratio Lower Upper
107 100
144 27.2 20.7 31.1
142 79.5 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
300000 Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 77.633 ng

RT: 12.58 min Scan# 1581

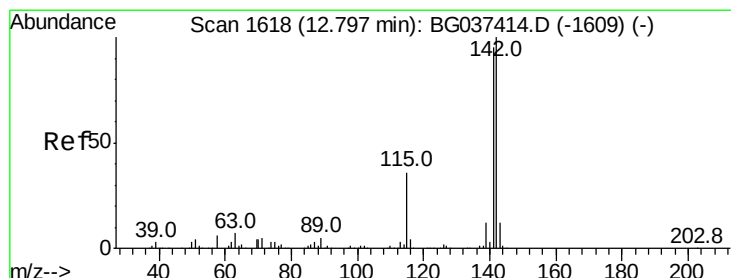
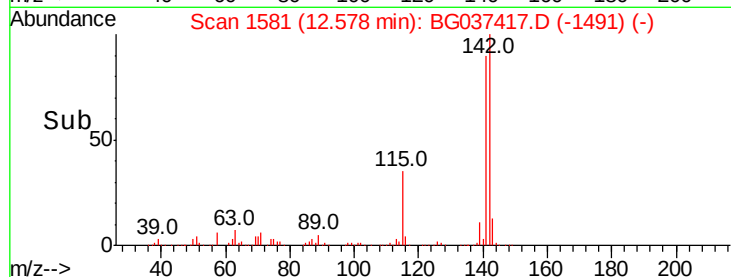
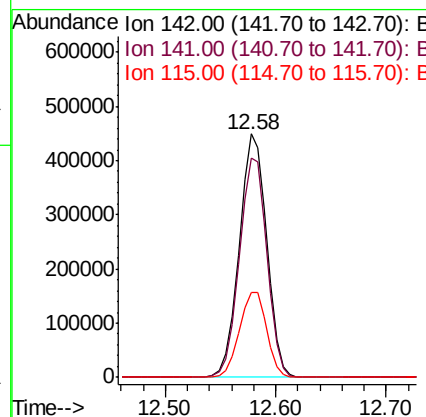
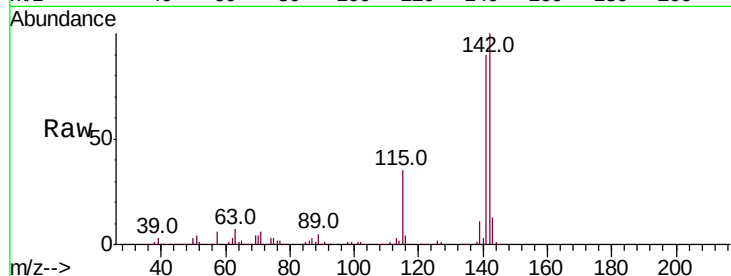
Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	35.1	27.8	41.8



#38

1-Methylnaphthalene

Concen: 76.635 ng

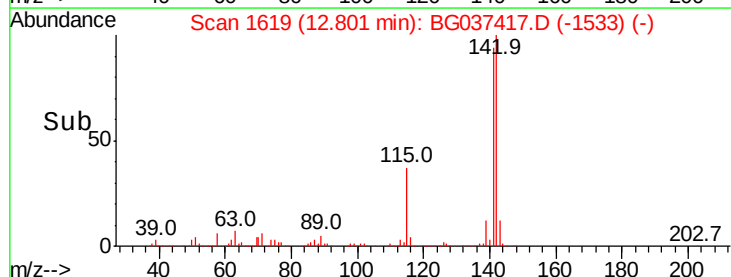
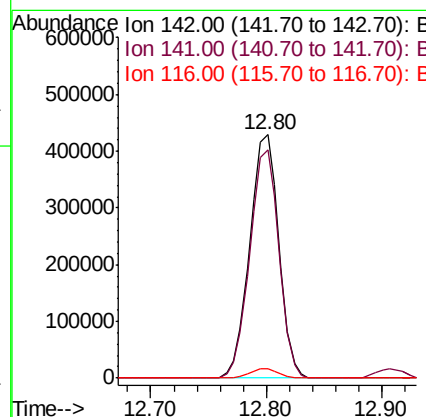
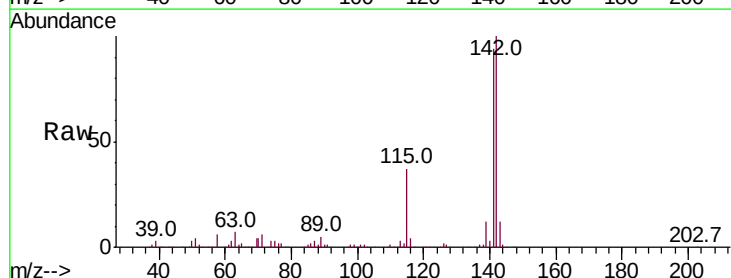
RT: 12.80 min Scan# 1619

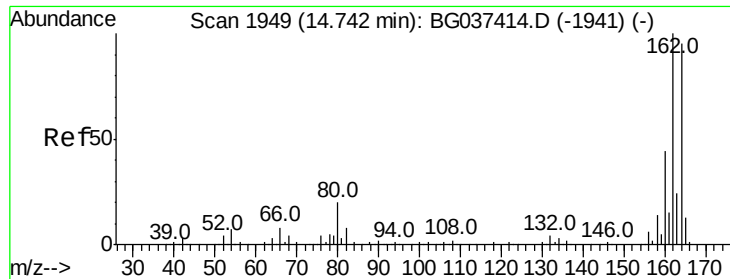
Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

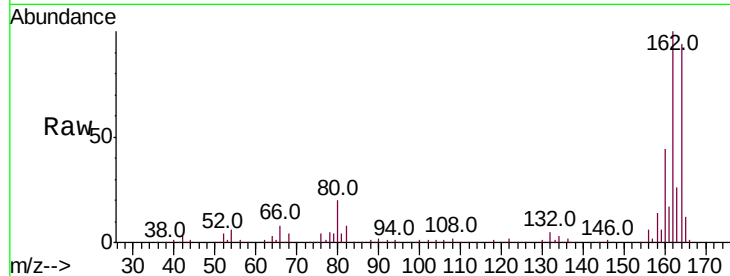
Tot Ion:164 Resp: 182065

Ion Ratio Lower Upper

164 100

162 106.1 81.3 121.9

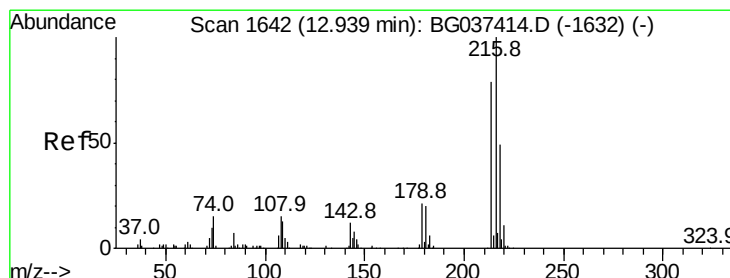
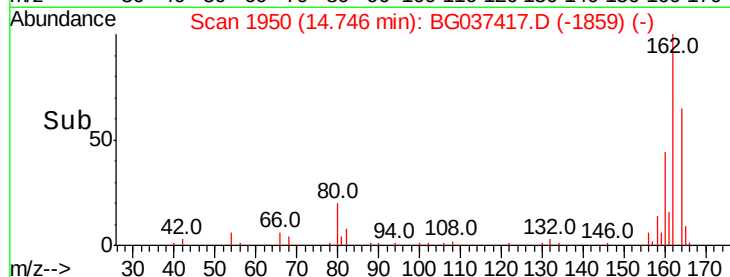
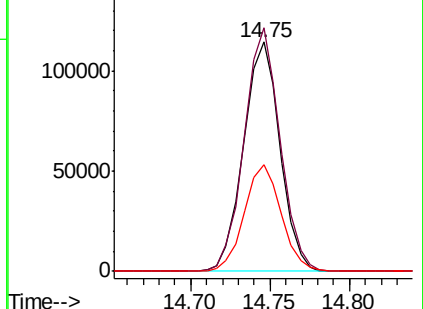
160 46.4 36.3 54.5



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: 79.456 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion:216 Resp: 468472

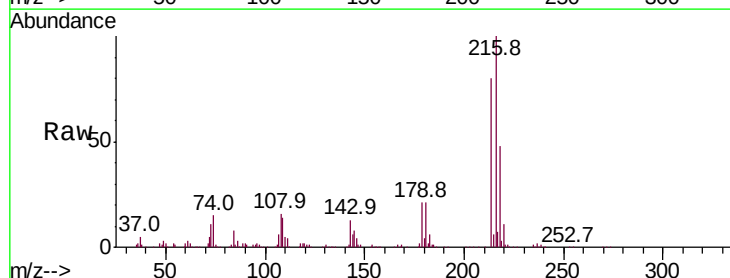
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.6

179 21.3 17.4 26.0

108 17.1 13.9 20.9

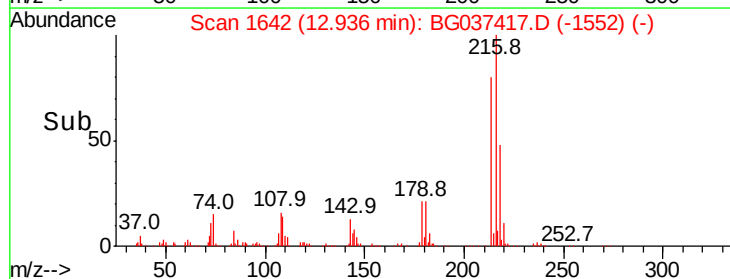
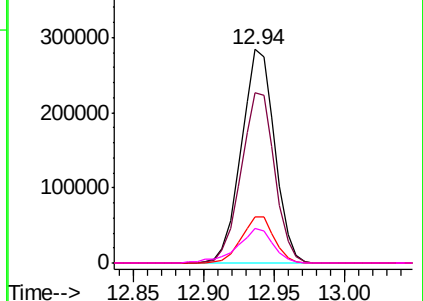


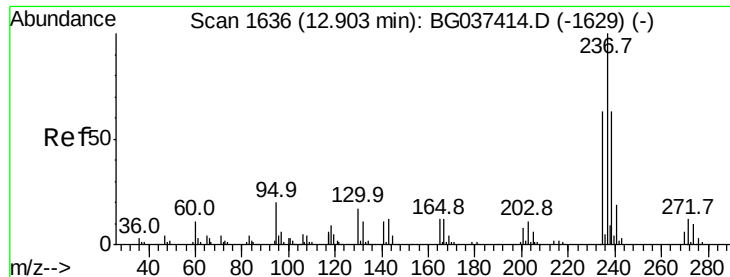
Abundance Ion 216.00 (215.70 to 216.70): E

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

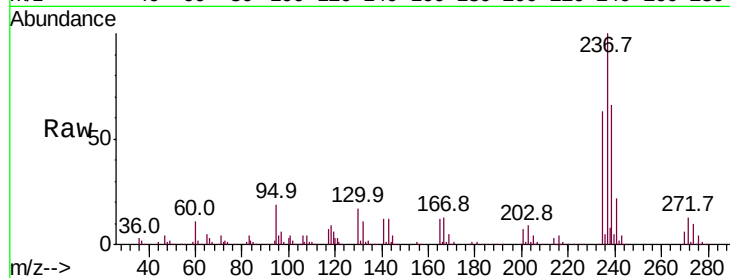




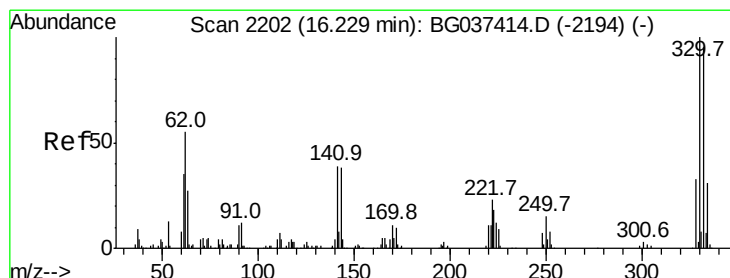
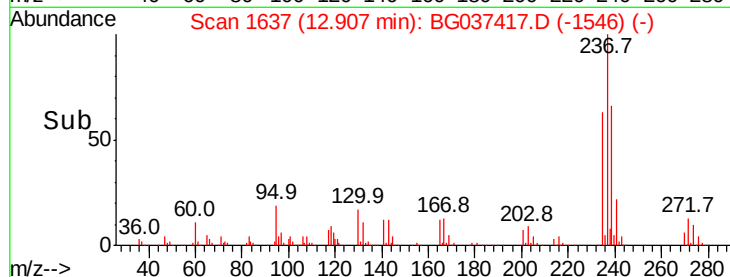
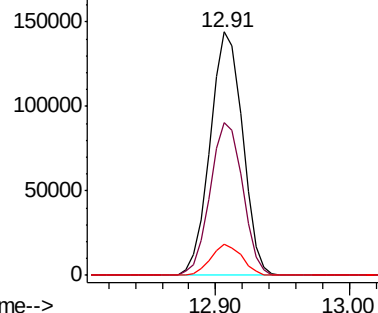
#41
Hexachlorocyclopentadiene
Concen: 99.448 ng
RT: 12.91 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.5	82.5
272	12.7	0.0	31.6

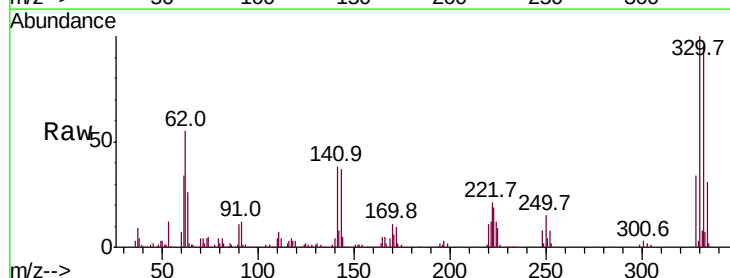


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

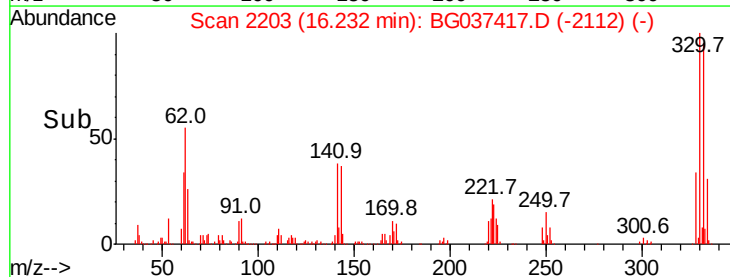
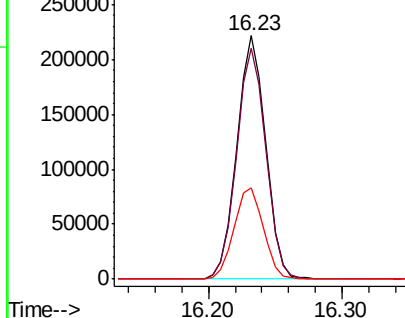


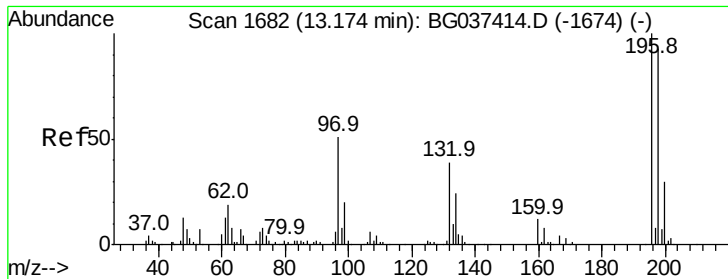
#42
2,4,6-Tribromophenol
Concen: 185.608 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	38.5	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

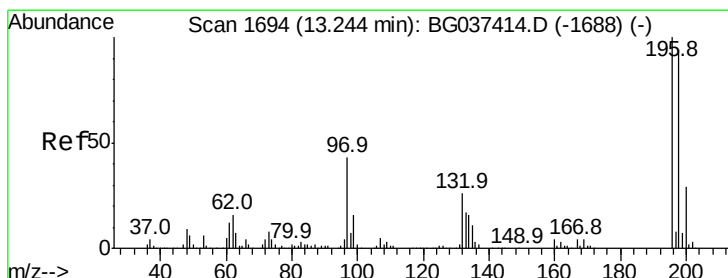
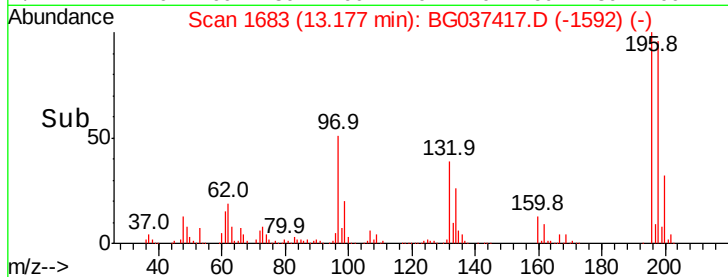
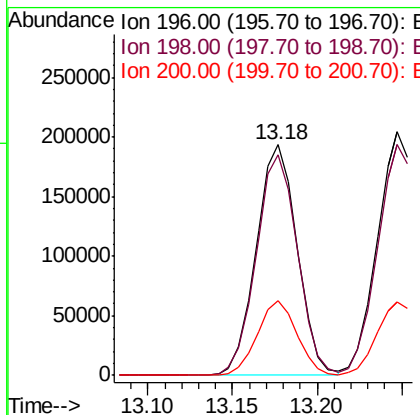
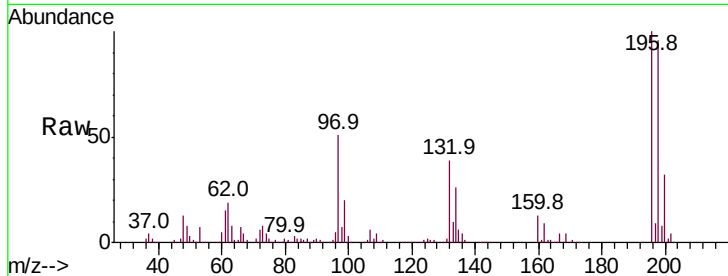




#43
 2,4,6-Trichlorophenol
 Concen: 94.539 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

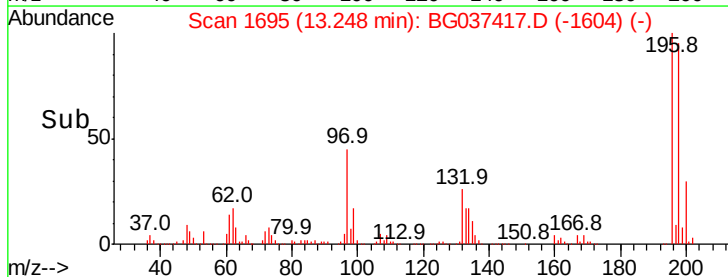
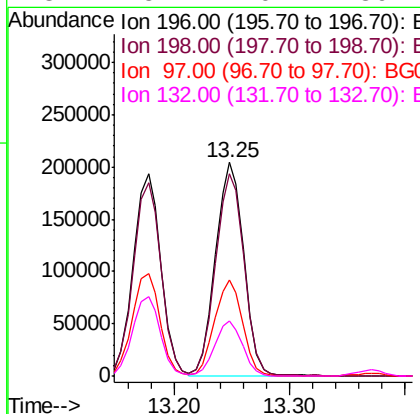
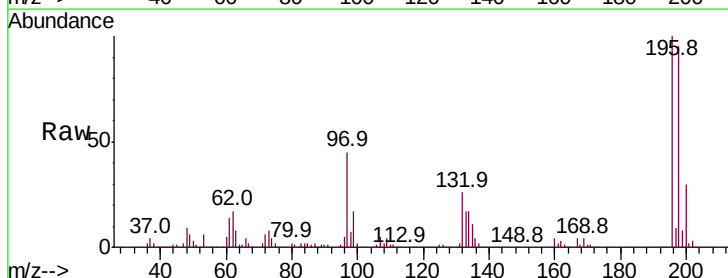
Instrument :
 BNA_G
 ClientSampleId :

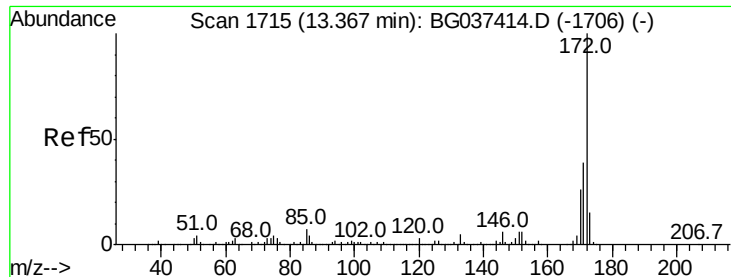
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.4	114.6
200	32.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 93.660 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.2
97	45.0	34.1	51.1
132	25.7	20.2	30.4

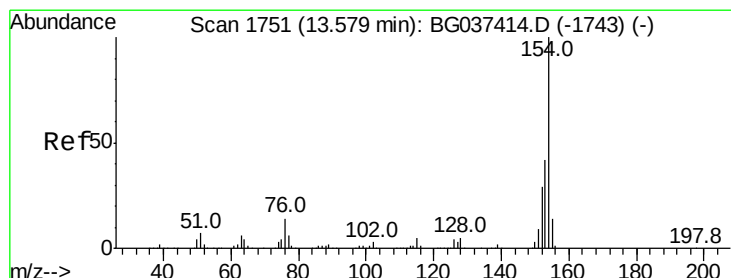
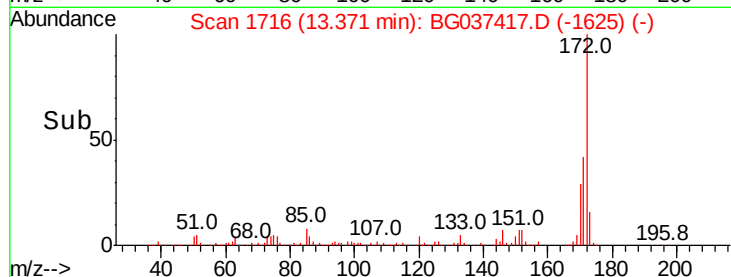
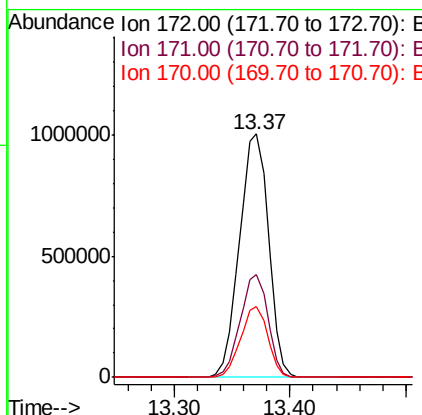
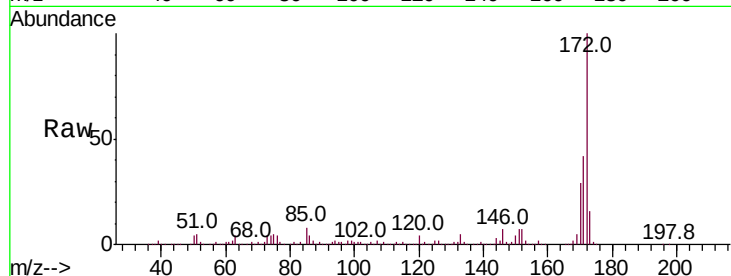




#45
2-Fluorobiphenyl
Concen: 144.767 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

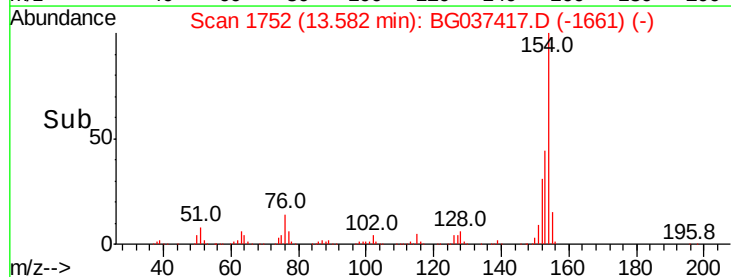
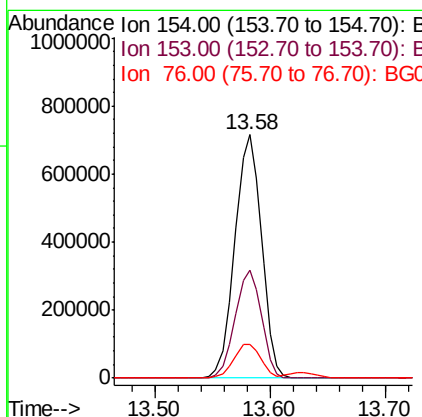
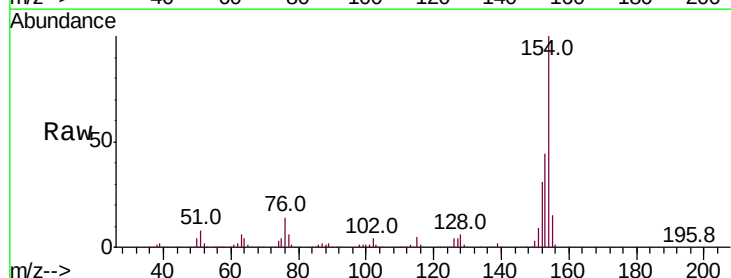
Instrument :
BNA_G
ClientSampleId :

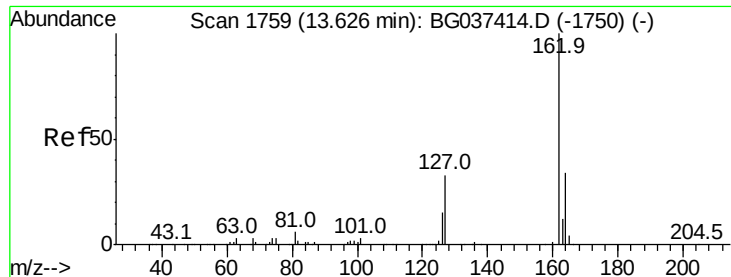
Tot Ion:172 Resp: 1755073
Ion Ratio Lower Upper
172 100
171 42.5 31.0 46.4
170 29.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 76.225 ng
RT: 13.58 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:154 Resp: 1141619
Ion Ratio Lower Upper
154 100
153 44.4 22.1 62.1
76 14.1 0.0 33.2

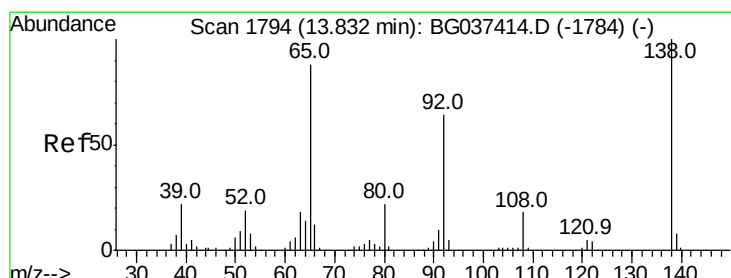
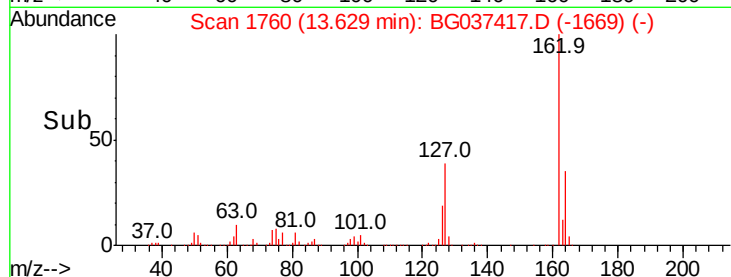
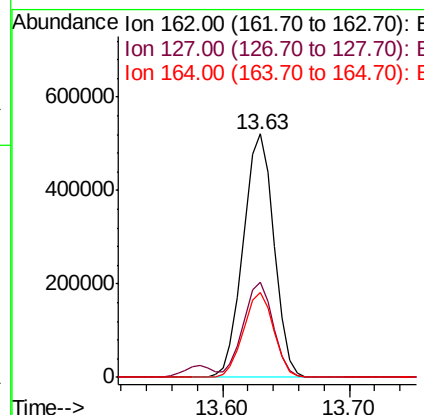
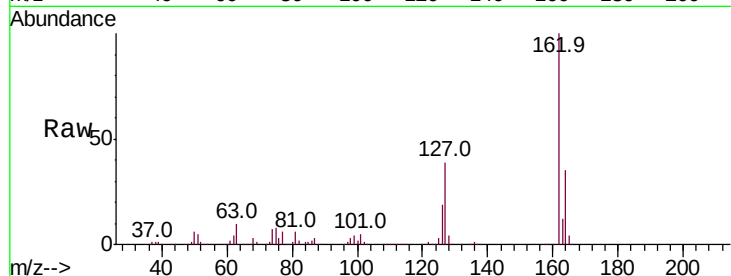




#47
 2-Chloronaphthalene
 Concen: 77.497 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

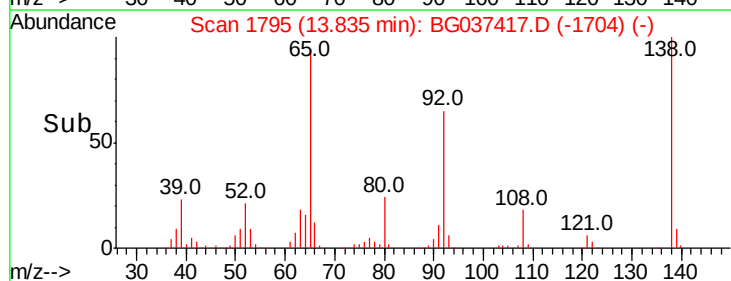
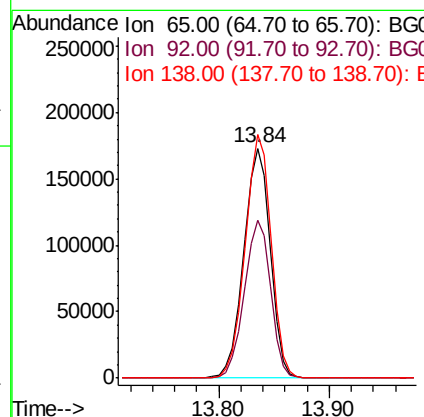
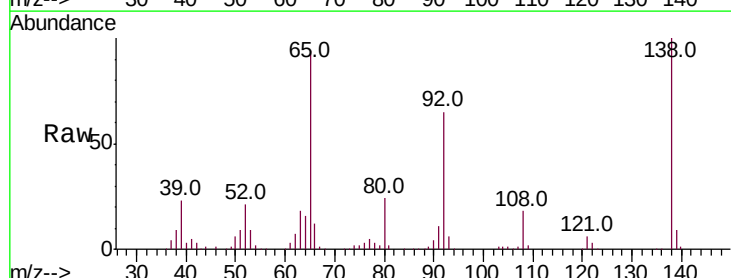
Instrument :
 BNA_G
 ClientSampleId :

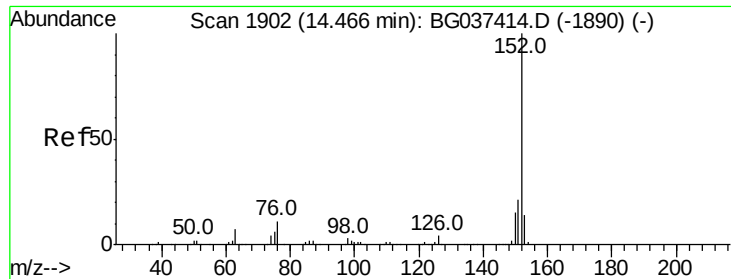
Tot Ion:	162	Resp:	876714
Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.5	45.7
164	34.9	26.4	39.6



#48
 2-Nitroaniline
 Concen: 106.682 ng
 RT: 13.84 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion:	65	Resp:	291644
Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.2	79.8
138	106.0	79.3	118.9





#49

Acenaphthylene

Concen: 75.509 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

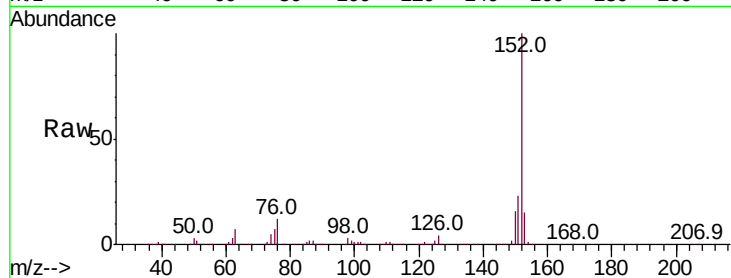
Tot Ion:152 Resp: 1306745

Ion Ratio Lower Upper

152 100

151 22.8 17.1 25.7

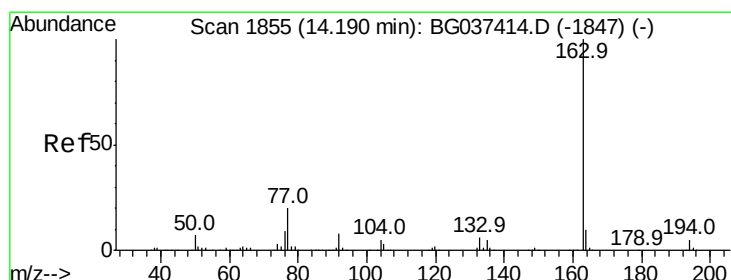
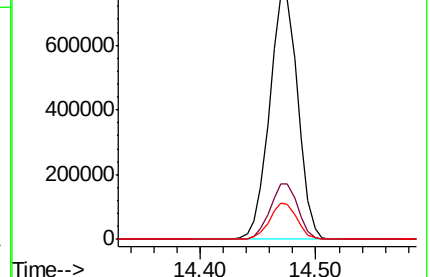
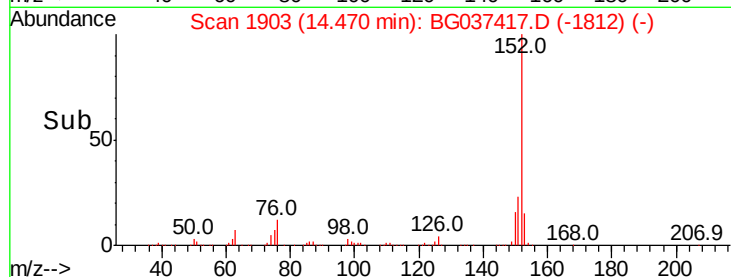
153 14.8 11.1 16.7



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: 74.724 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

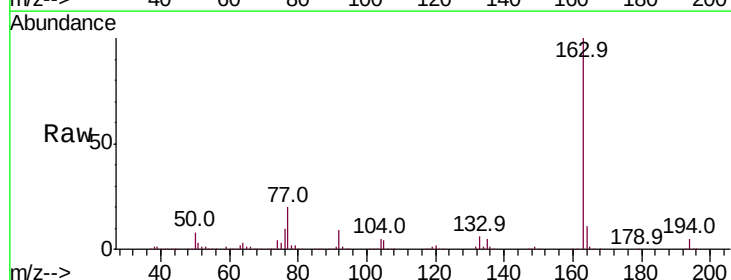
Tgt Ion:163 Resp: 1069145

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

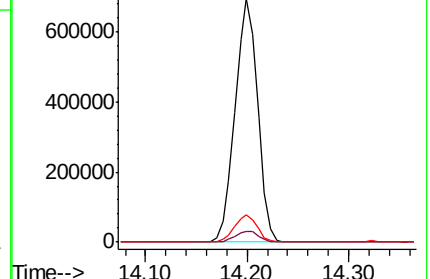
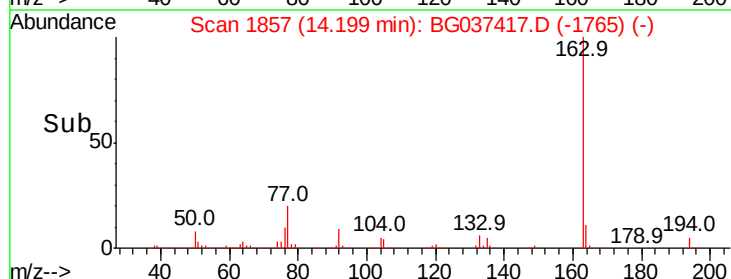
164 11.1 8.5 12.7

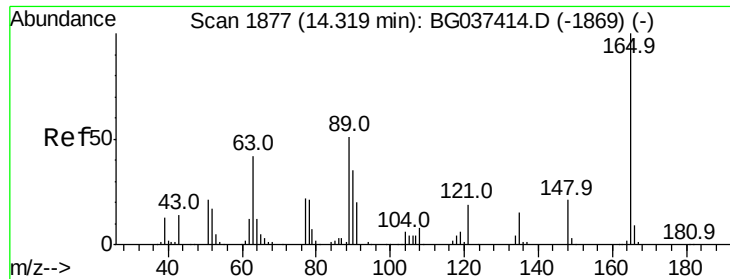


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

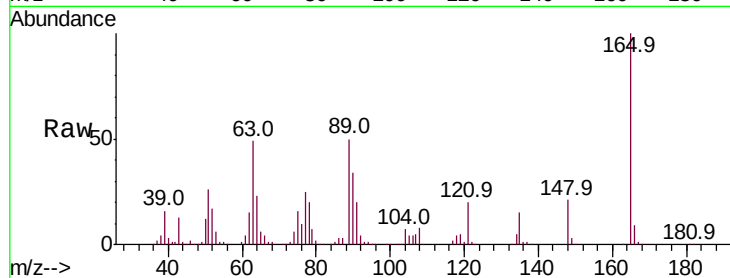




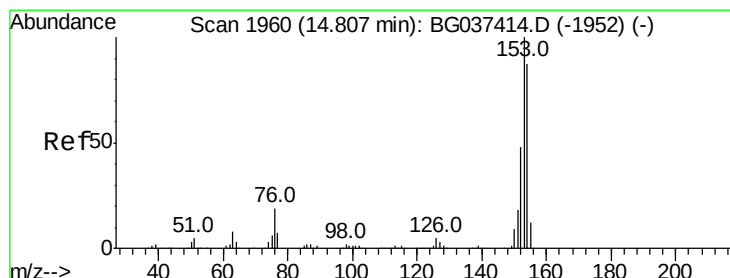
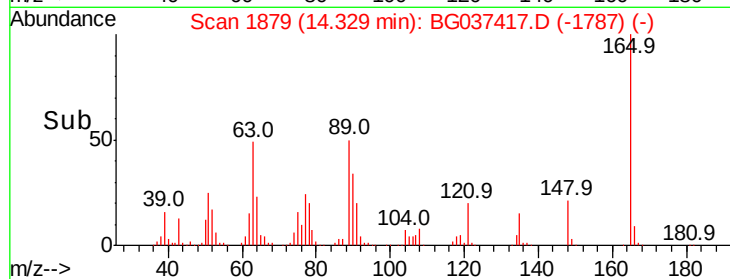
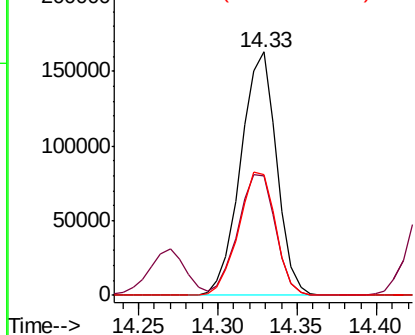
#51
 2,6-Dinitrotoluene
 Concen: 99.206 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	43.4	65.2
89	49.6	45.8	68.6

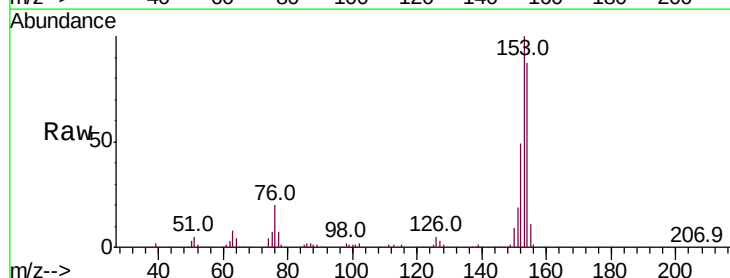


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

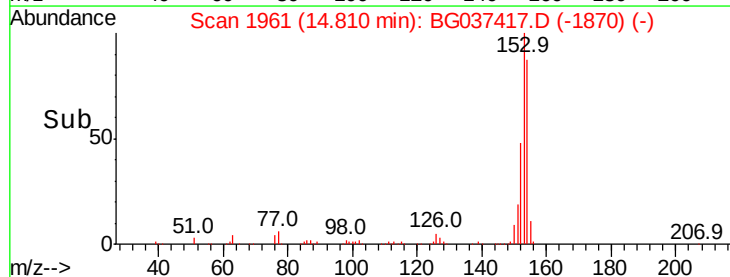
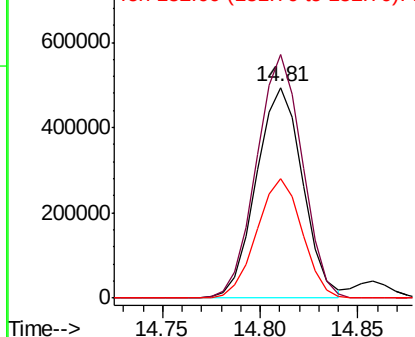


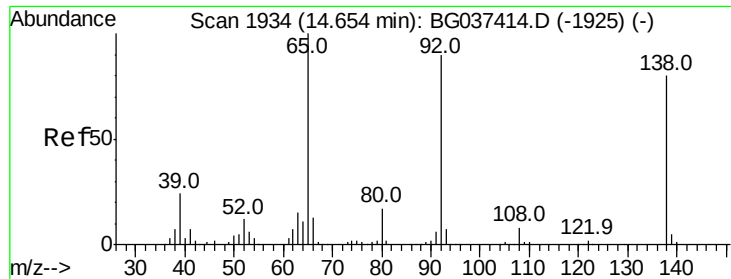
#52
 Acenaphthene
 Concen: 76.127 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	93.4	140.0
152	56.4	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 94.936 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

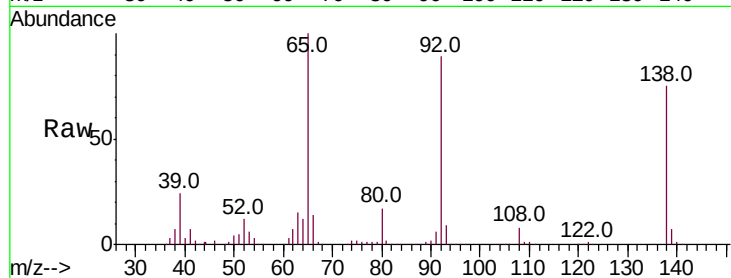
Tot Ion:138 Resp: 284201

Ion Ratio Lower Upper

138 100

108 10.9 11.0 16.6#

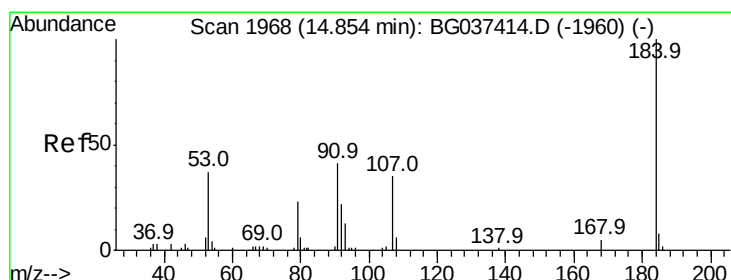
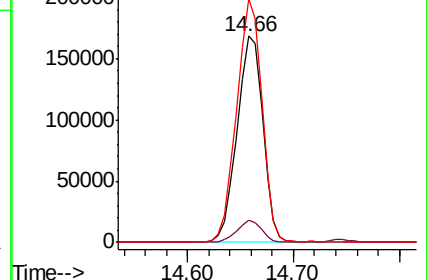
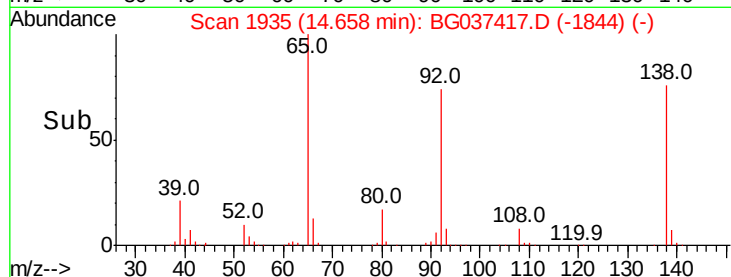
92 118.2 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 154.136 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

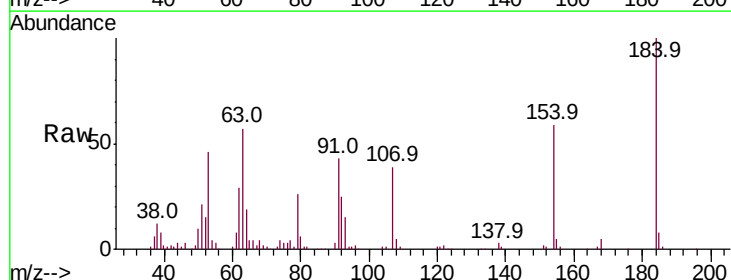
Tgt Ion:184 Resp: 110354

Ion Ratio Lower Upper

184 100

63 57.2 42.6 63.8

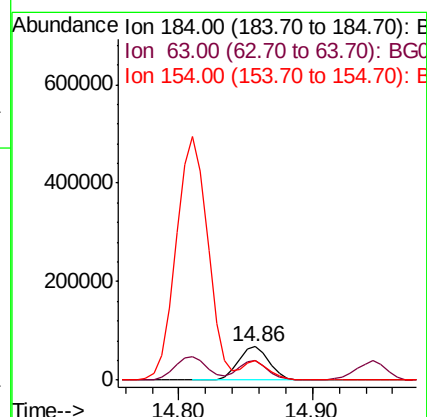
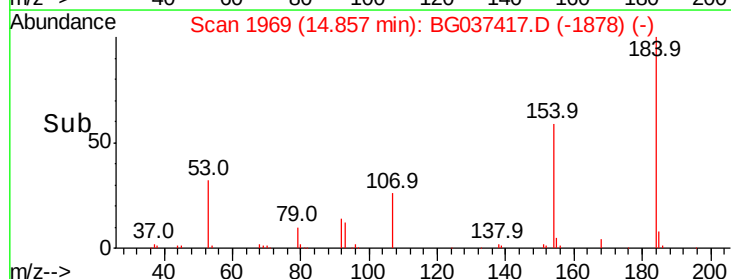
154 58.9 41.8 62.6

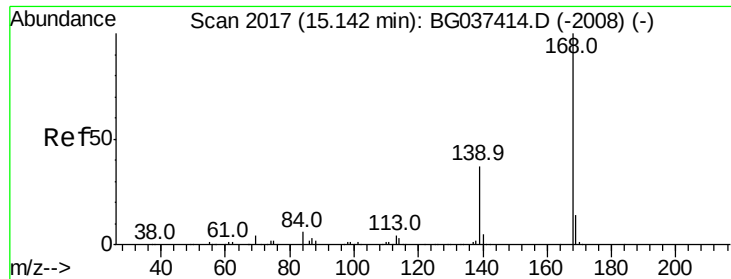


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

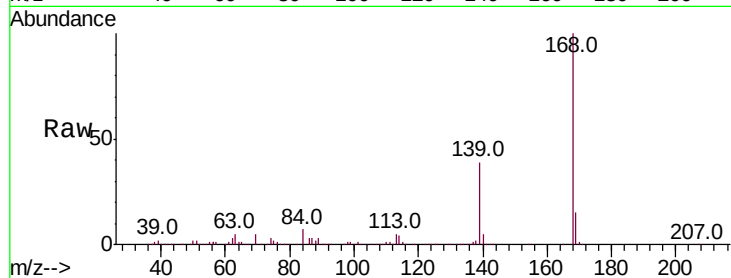




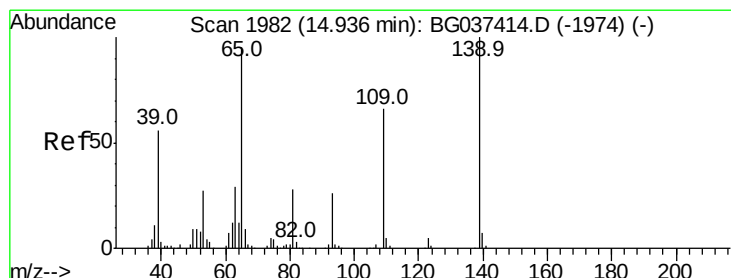
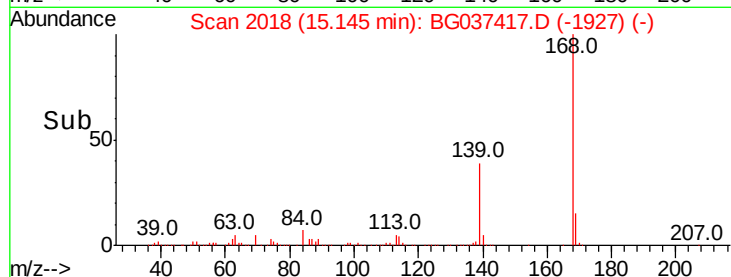
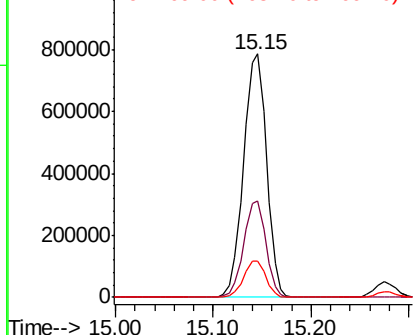
#55
Dibenzofuran
Concen: 73.881 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1281489
Ion Ratio Lower Upper
168 100
139 39.4 29.4 44.0
169 15.1 11.0 16.6

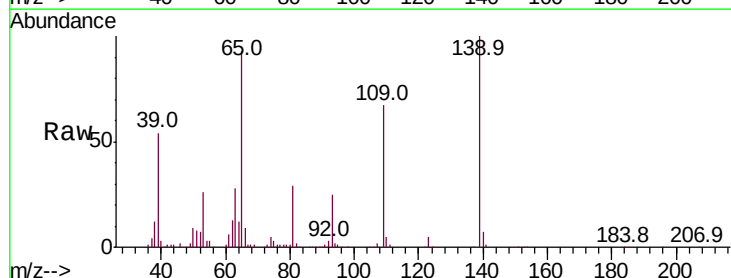


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

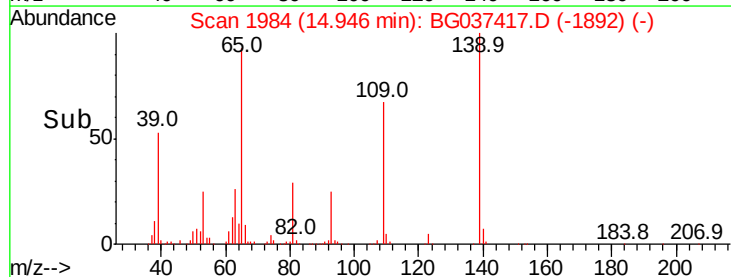
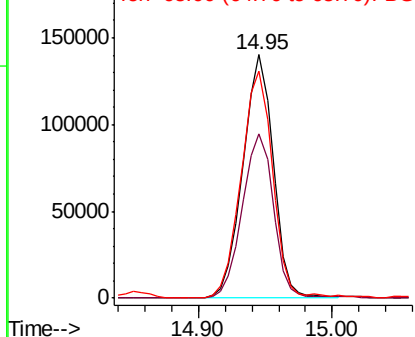


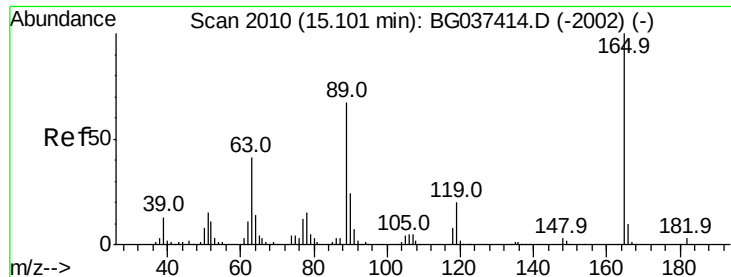
#56
4-Nitrophenol
Concen: 94.951 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:139 Resp: 221569
Ion Ratio Lower Upper
139 100
109 67.5 49.5 89.5
65 93.3 76.8 116.8



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

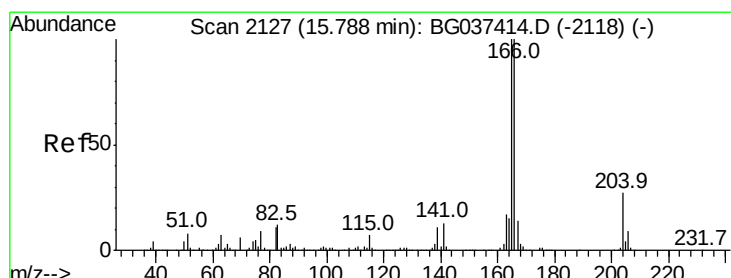
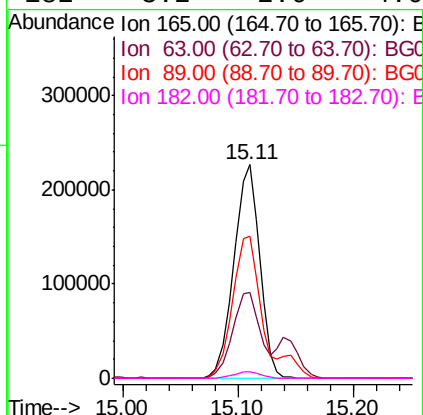
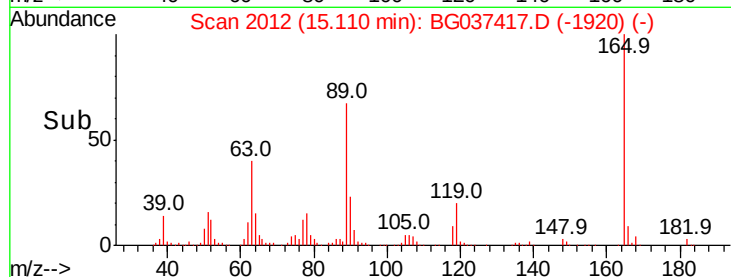
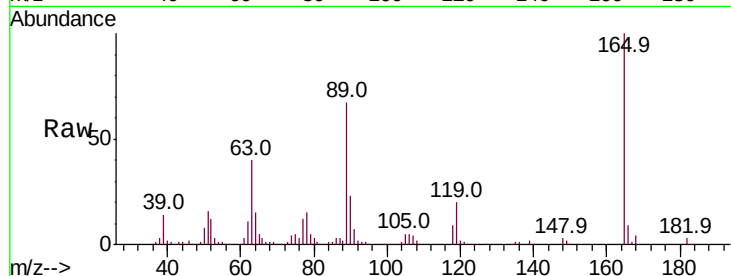




#57
2,4-Dinitrotoluene
Concen: 107.806 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

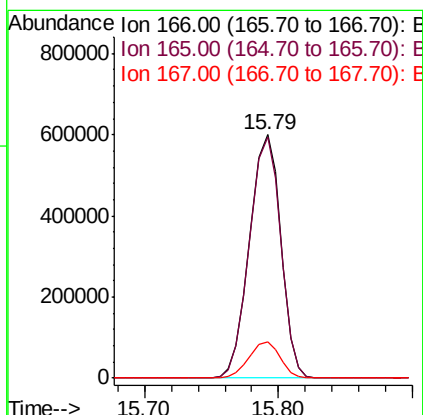
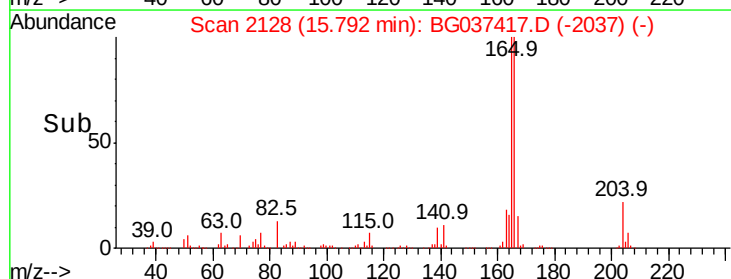
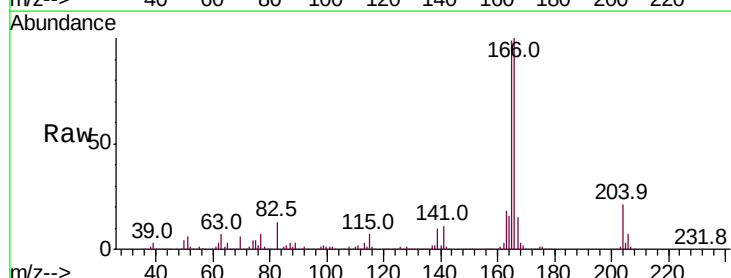
Instrument :
BNA_G
ClientSampled :

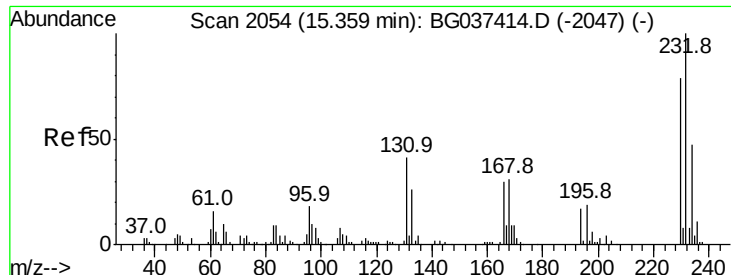
Tot Ion:165 Resp: 349742
Ion Ratio Lower Upper
165 100
63 40.0 33.4 50.0
89 66.6 57.2 85.8
182 3.2 2.6 4.0



#58
Fluorene
Concen: 73.926 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:166 Resp: 969774
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 15.0 11.3 16.9

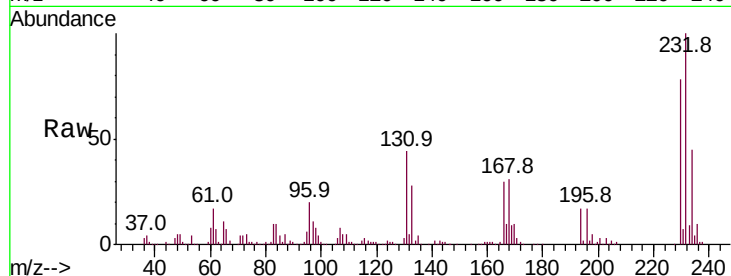




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 92.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.7	50.5
130	2.5	2.1	3.1
166	30.7	24.6	36.8



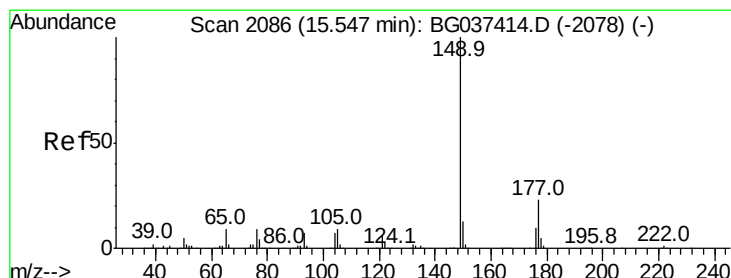
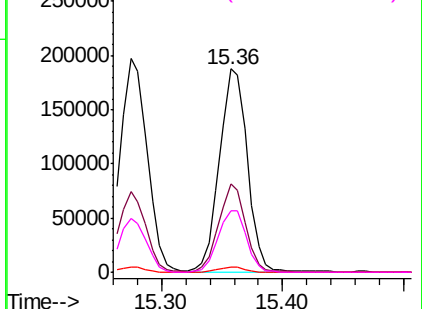
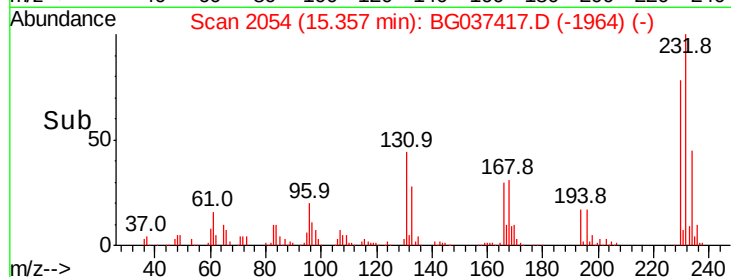
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

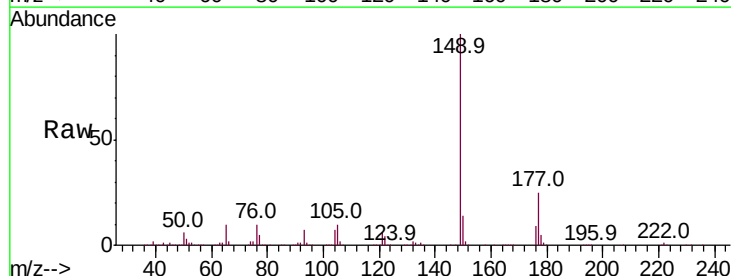
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 73.641 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.3	27.5
150	14.2	10.0	15.0

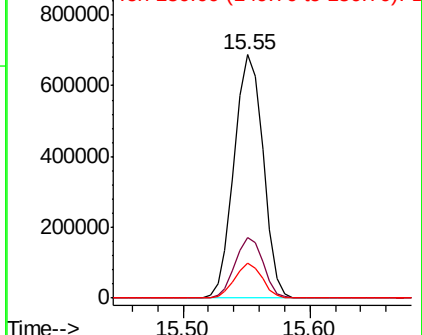
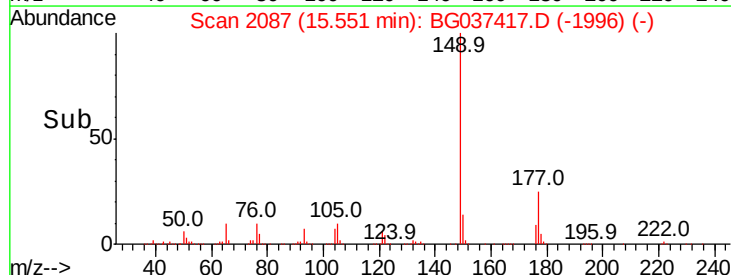


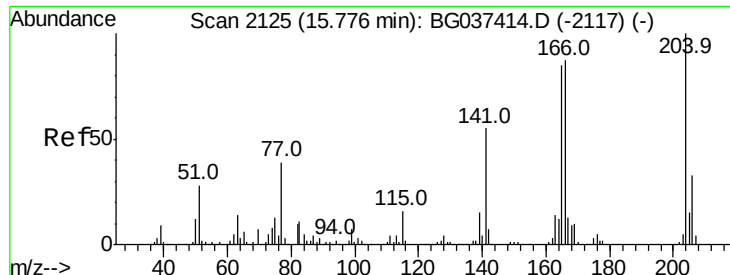
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

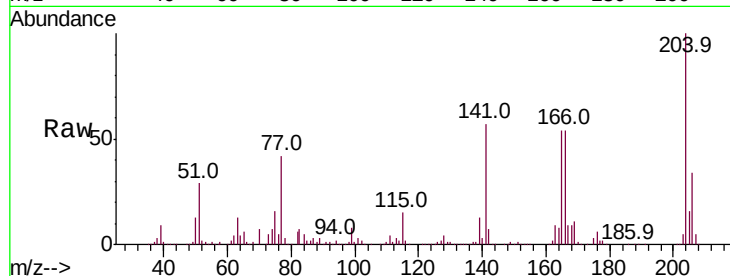




#61
 4-Chlorophenyl-phenylether
 Concen: 75.928 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	57.1	45.4	68.2

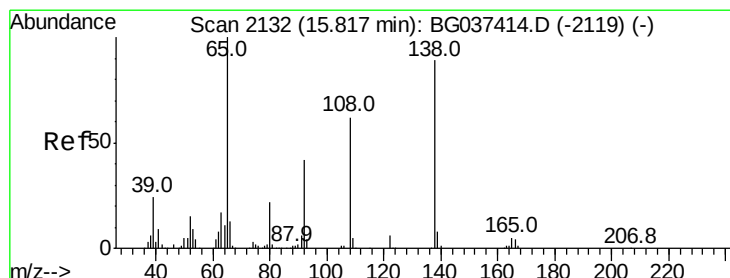
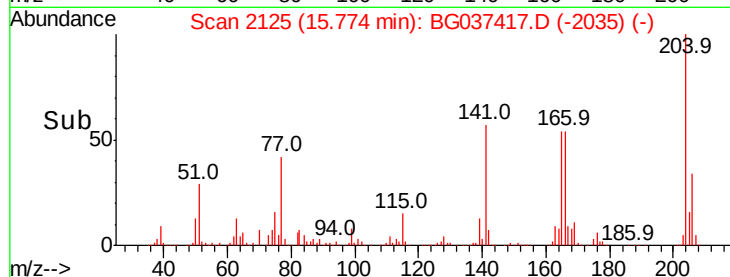
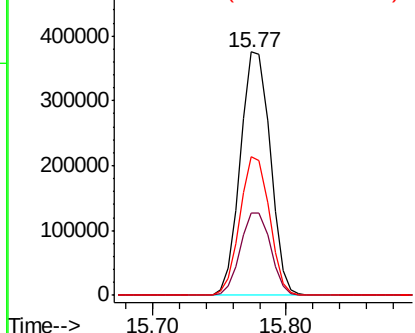


Abundance

Ion 204.00 (203.70 to 204.70): E

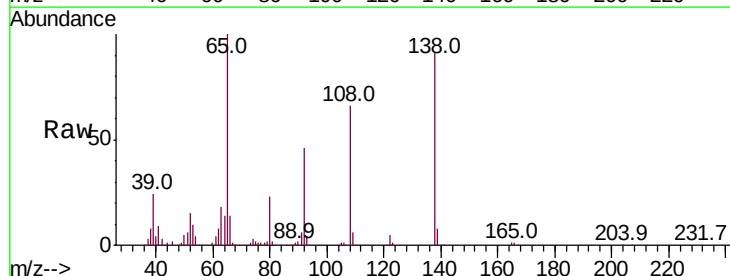
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 91.468 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	36.4	76.4
108	72.5	60.1	100.1

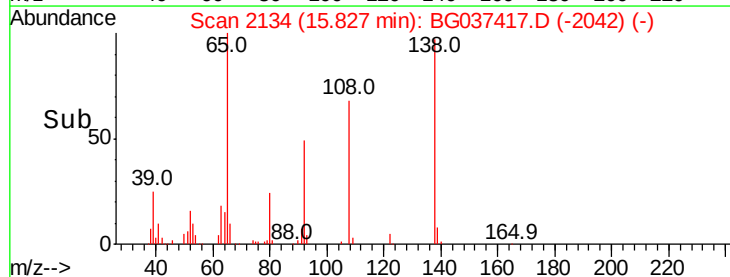
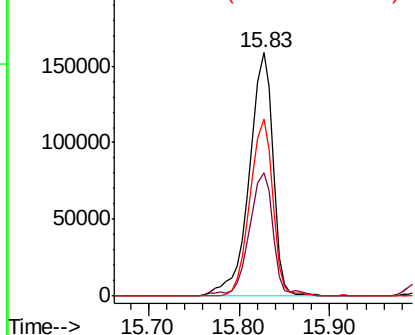


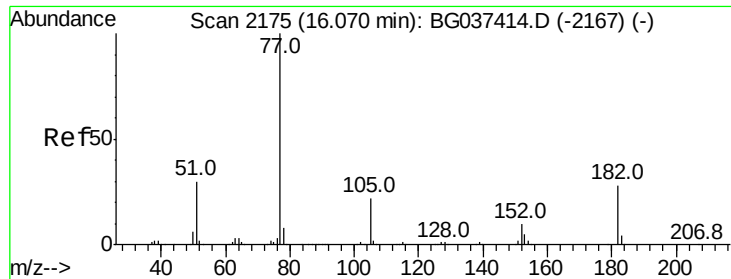
Abundance

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: 72.590 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

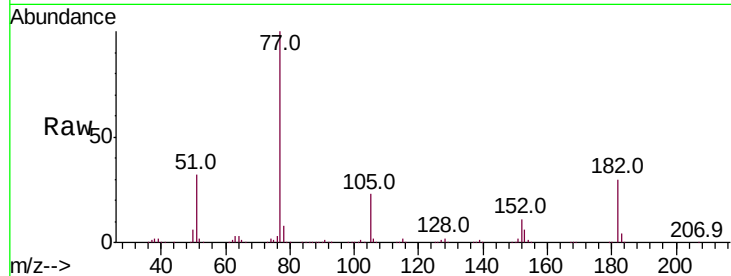
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1031995

Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.0	48.0
105	22.9	1.3	41.3
51	31.6	10.7	50.7

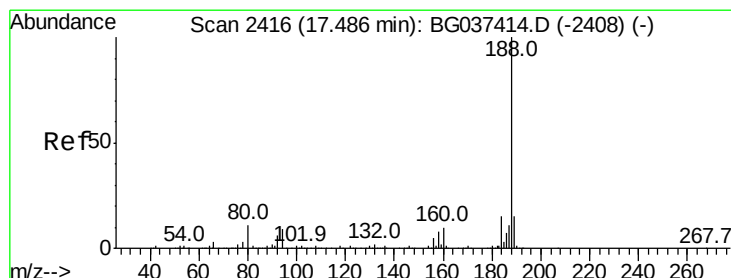
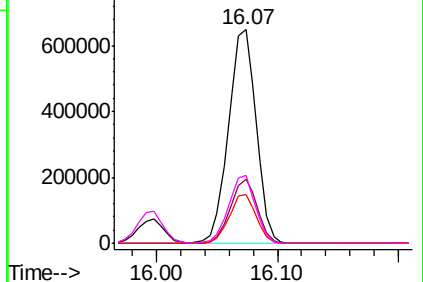
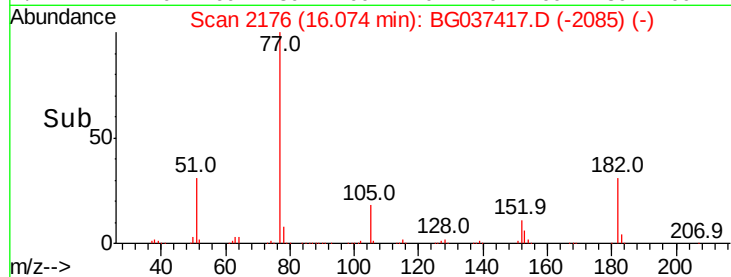


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2417

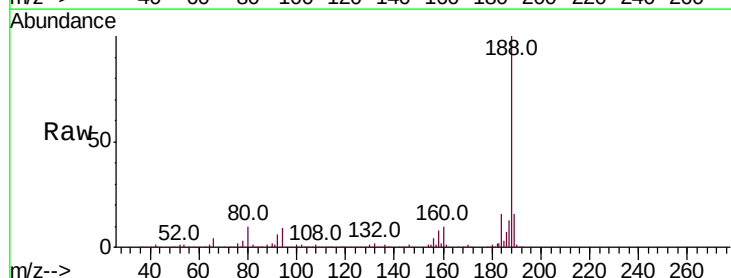
Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion: 188 Resp: 420335

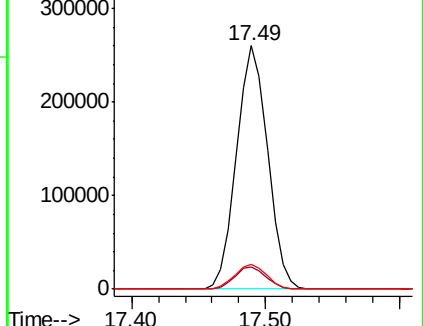
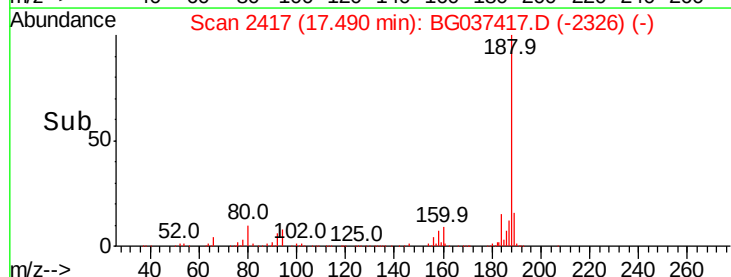
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5

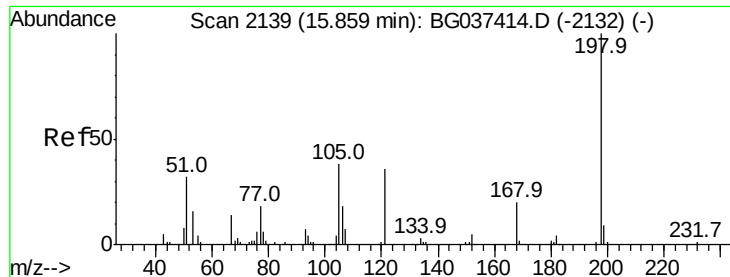


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

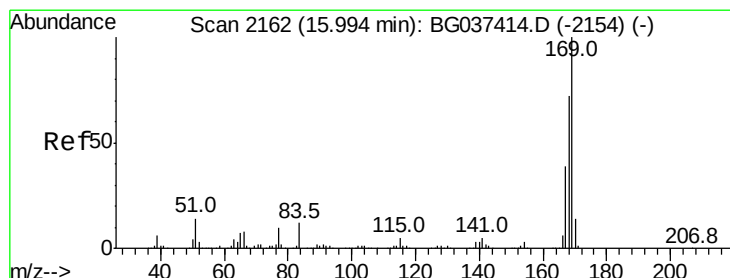
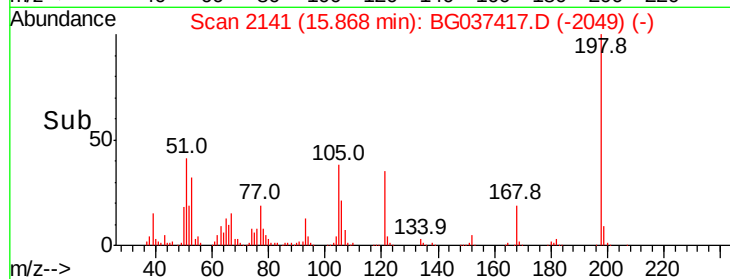
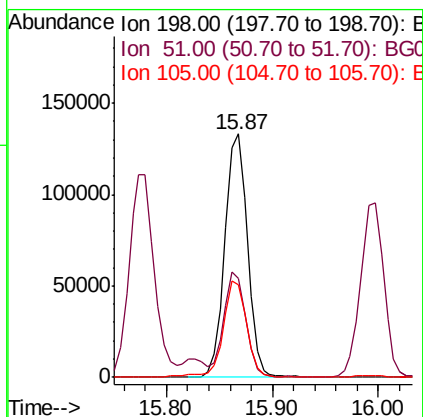
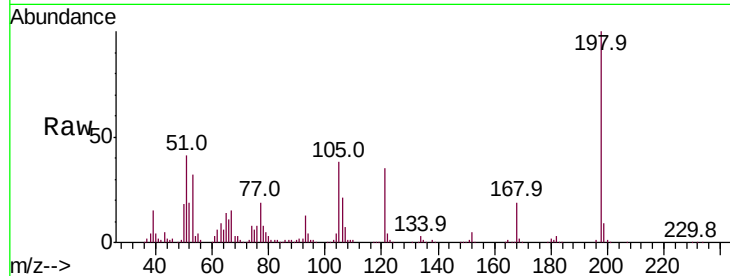




#65
4,6-Dinitro-2-methylphenol
Concen: 169.003 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

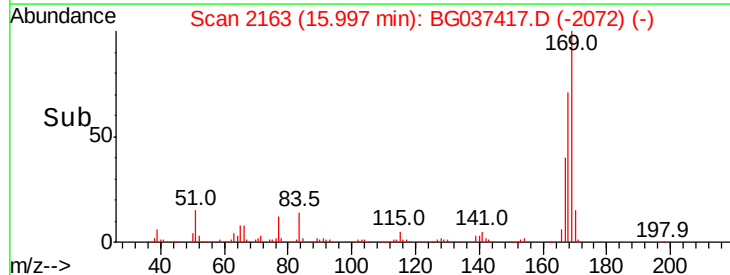
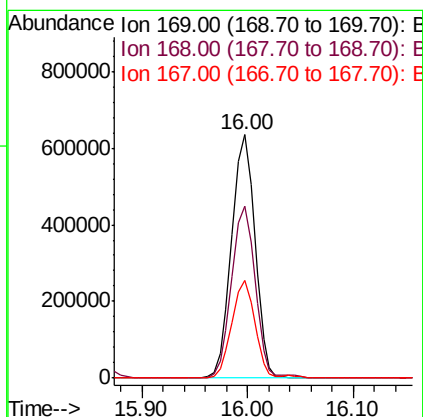
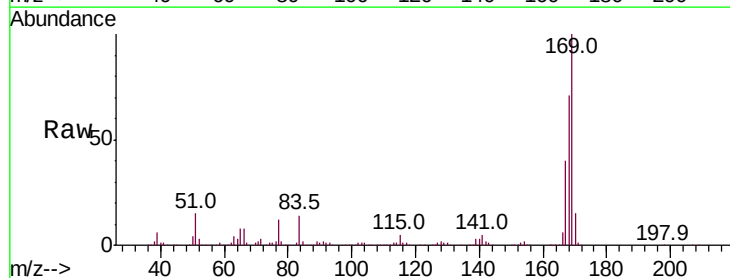
Instrument :
BNA_G
ClientSampleId :

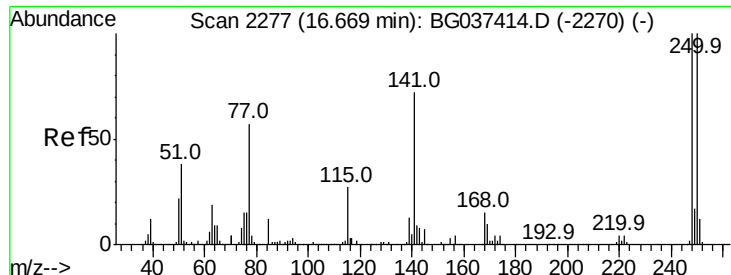
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.8	22.7	62.7
105	38.1	19.7	59.7



#66
n-Nitrosodiphenylamine
Concen: 78.887 ng
RT: 16.00 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.7	83.5
167	40.0	31.3	46.9

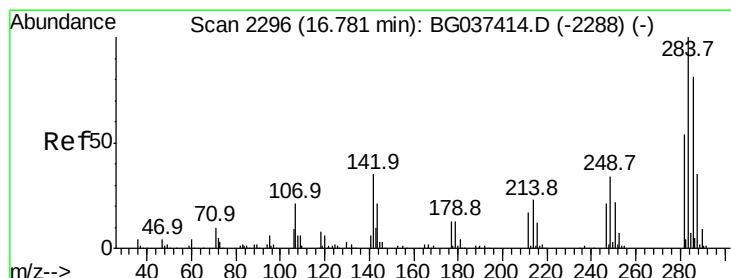
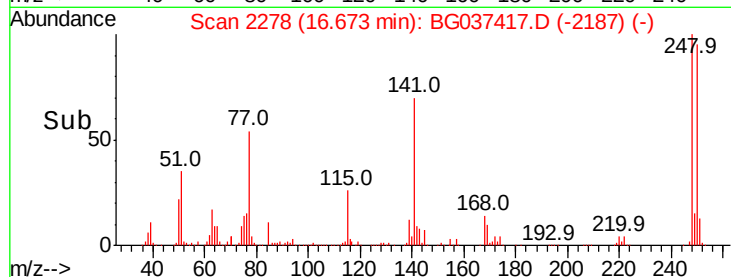
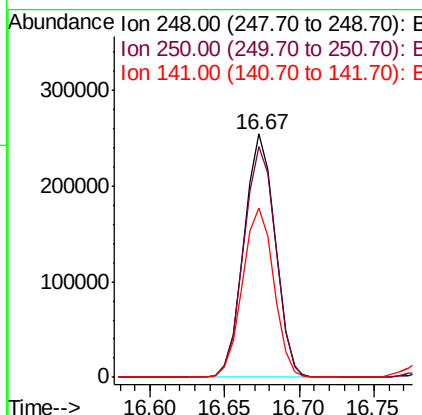
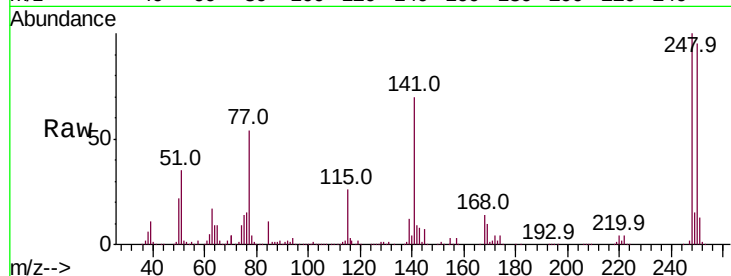




#67
 4-Bromophenyl-phenylether
 Concen: 81.075 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

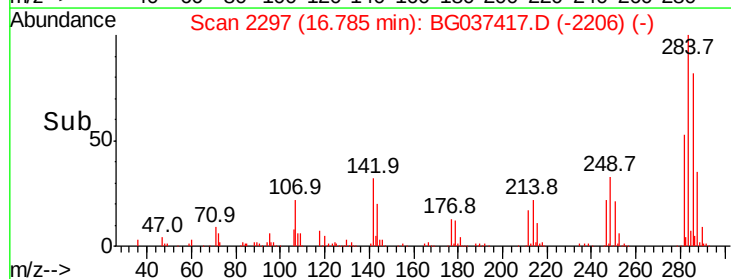
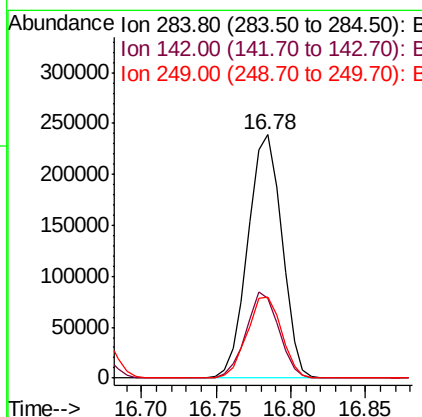
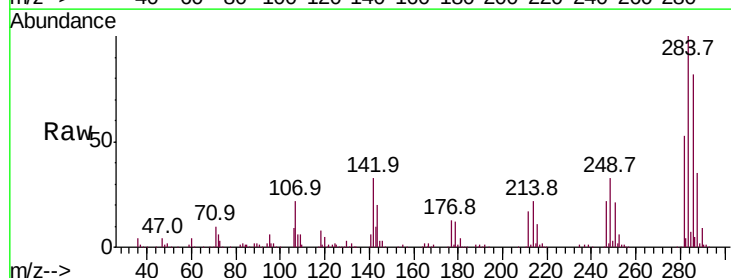
Instrument :
 BNA_G
 ClientSampleId :

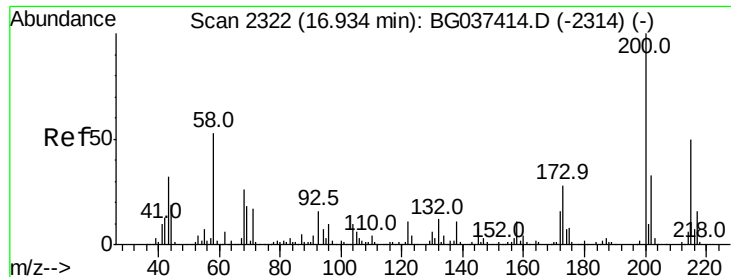
Tot Ion:248 Resp: 367792
 Ion Ratio Lower Upper
 248 100
 250 94.9 77.0 115.6
 141 69.8 55.5 83.3



#68
 Hexachlorobenzene
 Concen: 80.002 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion:284 Resp: 376289
 Ion Ratio Lower Upper
 284 100
 142 32.7 28.1 42.1
 249 35.9 29.8 44.8

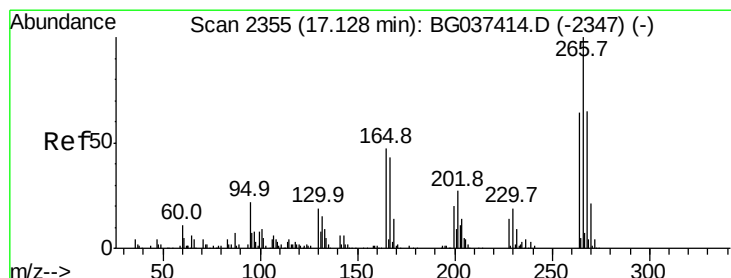
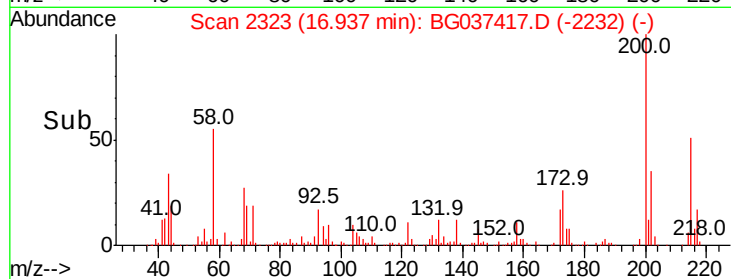
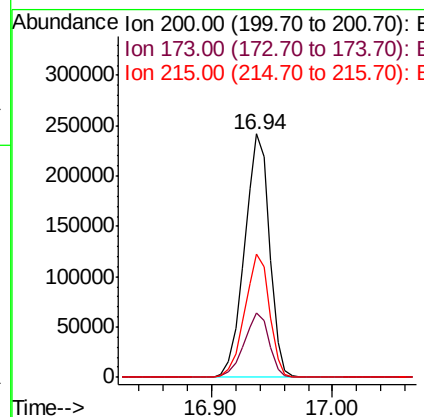
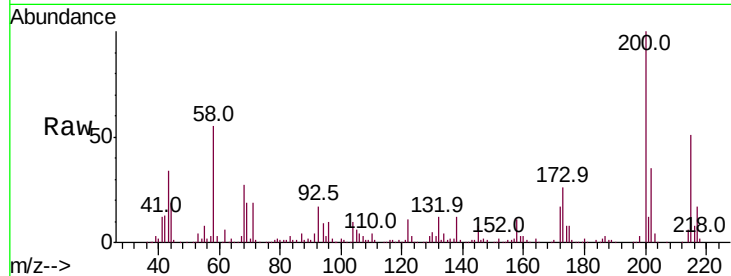




#69
Atrazine
Concen: 75.724 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

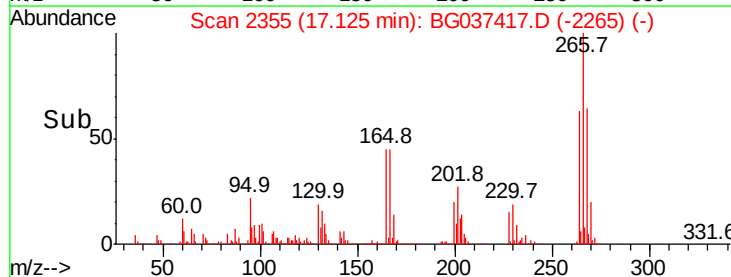
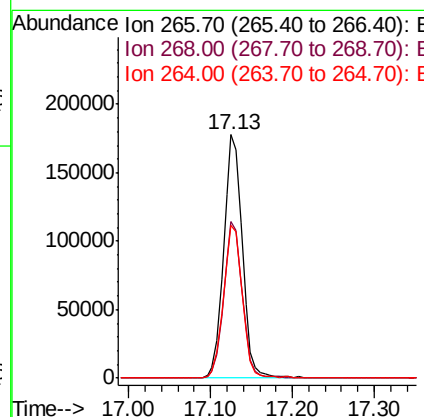
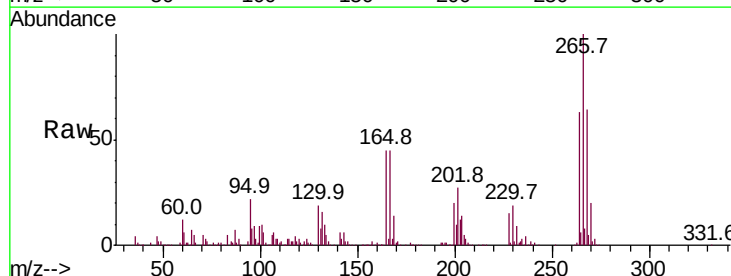
Instrument :
BNA_G
ClientSampleId :

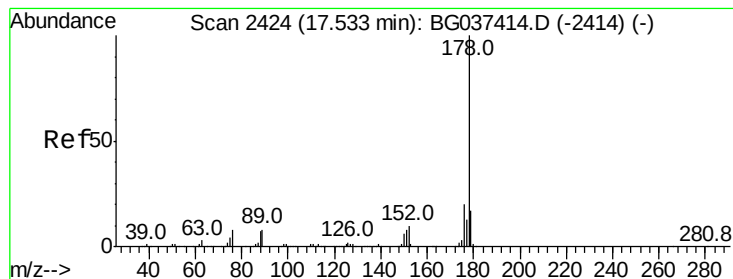
Tot Ion:200 Resp: 347412
Ion Ratio Lower Upper
200 100
173 26.3 6.1 46.1
215 50.7 30.8 70.8



#70
Pentachlorophenol
Concen: 93.336 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:266 Resp: 283239
Ion Ratio Lower Upper
266 100
268 68.7 55.0 82.6
264 68.7 58.9 88.3





#71

Phenanthrene

Concen: 73.364 ng

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

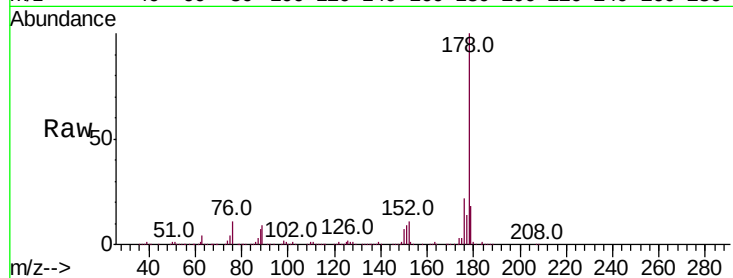
Tot Ion:178 Resp: 1569743

Ion Ratio Lower Upper

178 100

176 21.8 16.1 24.1

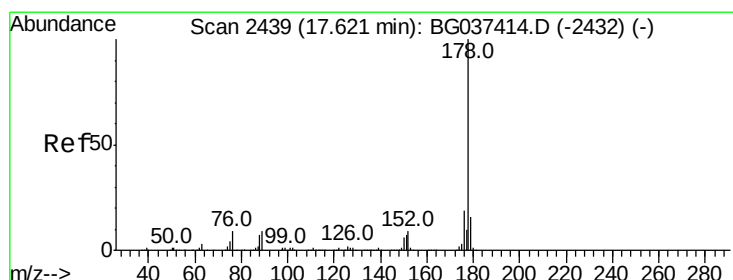
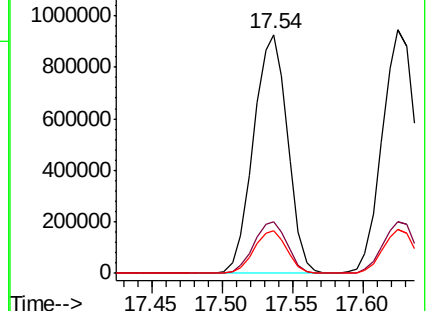
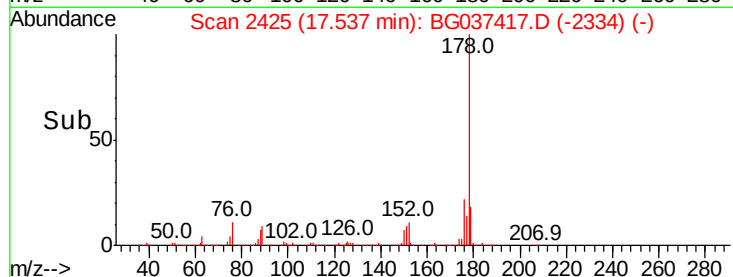
179 18.1 13.0 19.4



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: 74.278 ng

RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

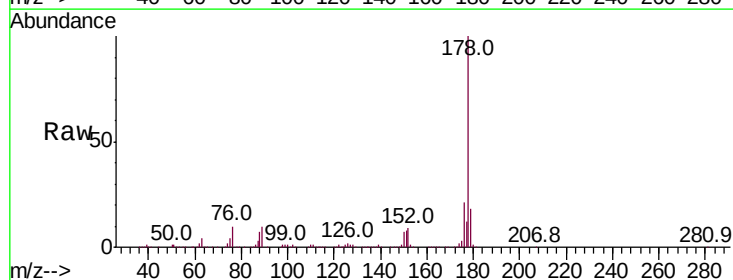
Tgt Ion:178 Resp: 1555607

Ion Ratio Lower Upper

178 100

176 21.3 15.0 22.4

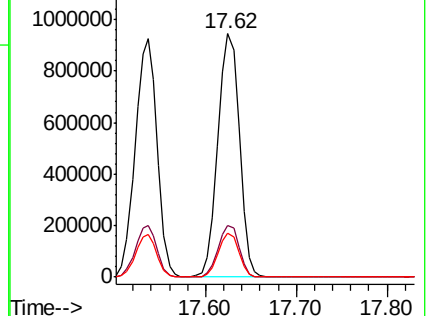
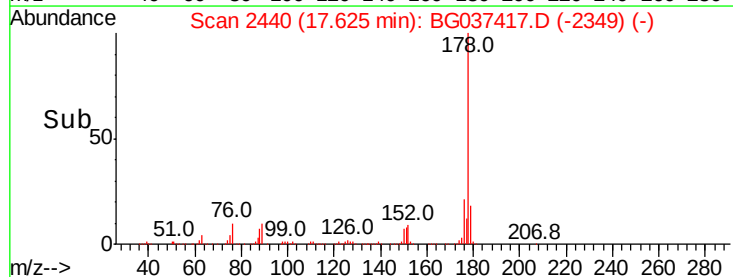
179 17.9 12.8 19.2

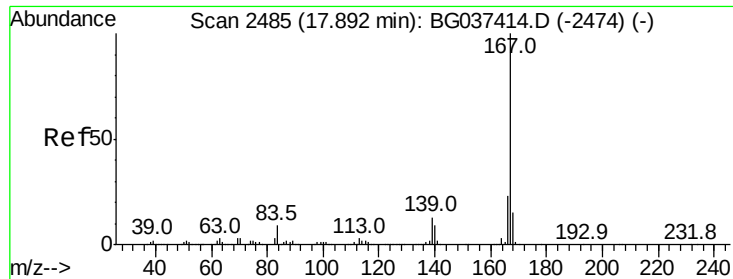


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

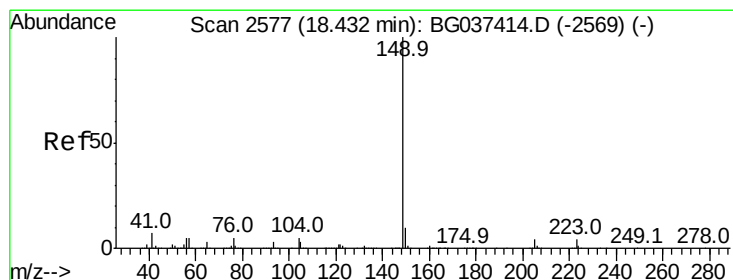
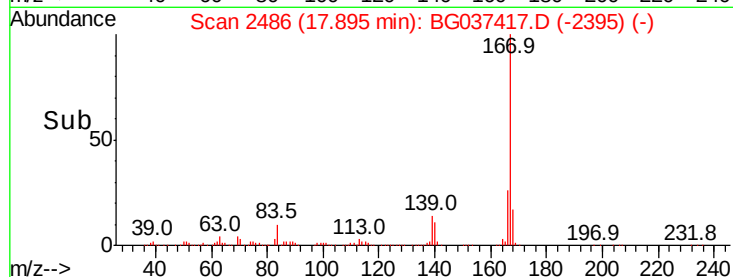
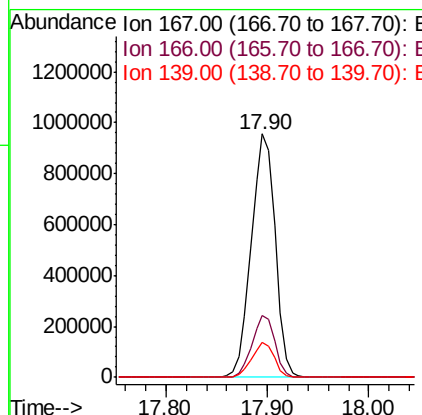
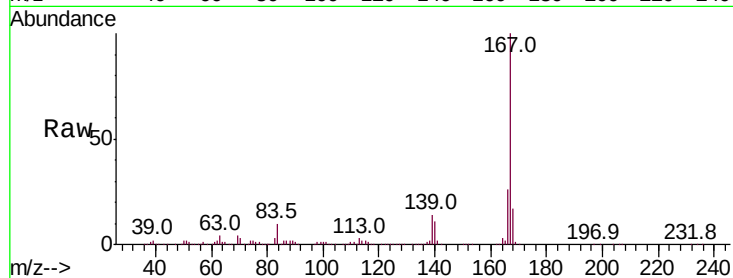




#73
 Carbazole
 Concen: 72.389 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

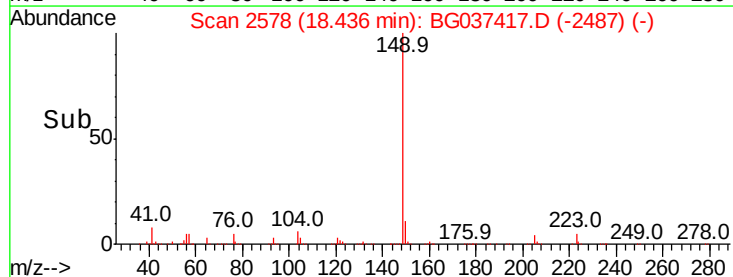
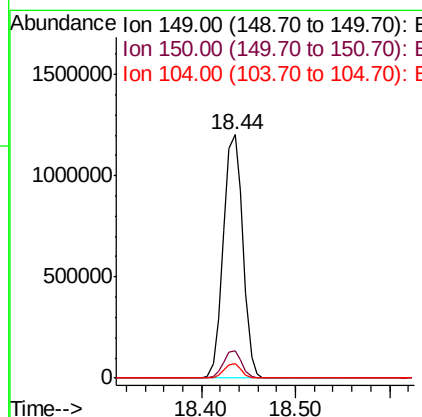
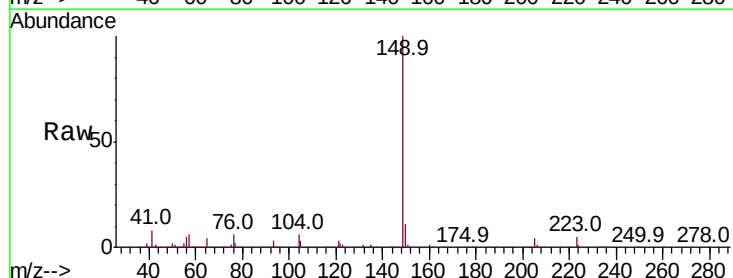
Instrument :
 BNA_G
 ClientSampleId :

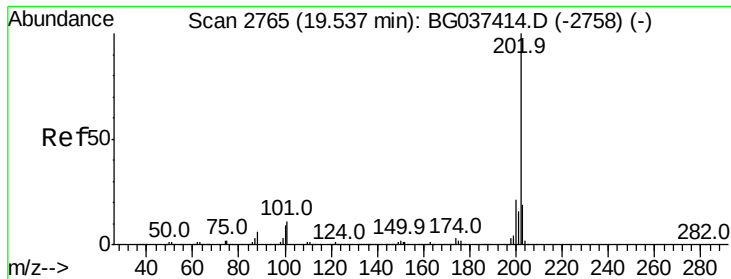
Tot Ion:167 Resp: 1562051
 Ion Ratio Lower Upper
 167 100
 166 25.6 18.3 27.5
 139 14.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 75.111 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG037417.D
 Acq: 18 Oct 2018 13:07

Tgt Ion:149 Resp: 1737171
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.2 12.2
 104 5.9 4.0 6.0





#75

Fluoranthene

Concen: 71.151 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampled :

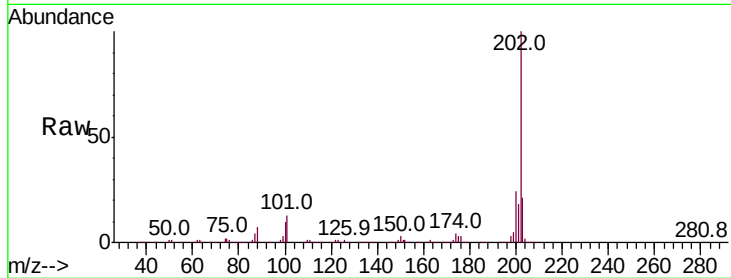
Tot Ion:202 Resp: 1779349

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.7
203	21.4	0.0	38.5

202 100

101 12.7 0.0 30.7

203 21.4 0.0 38.5

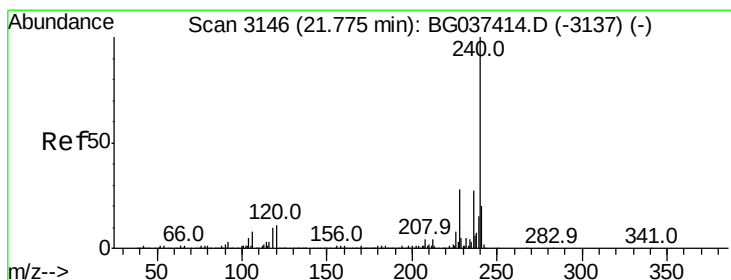
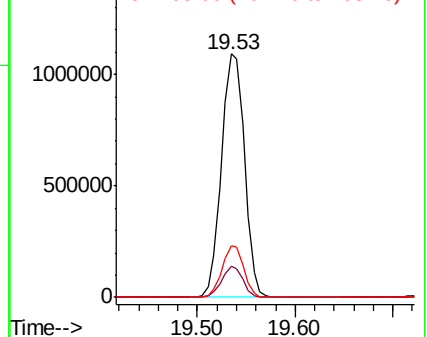
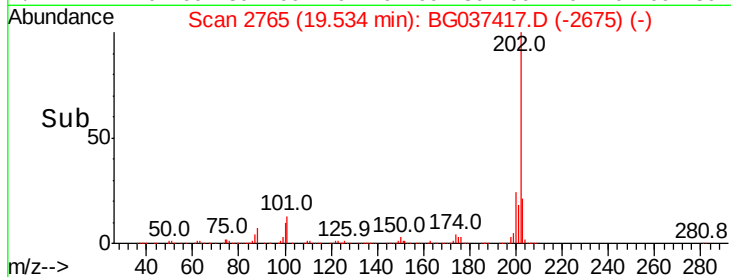


Abundance

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: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

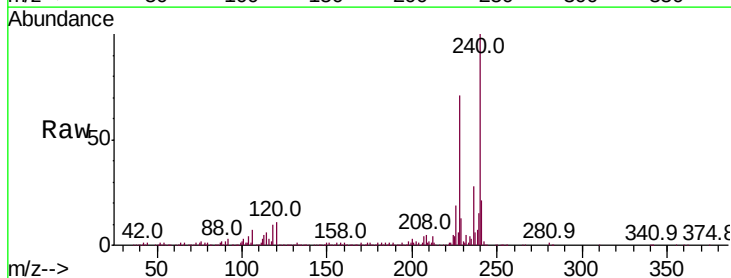
Tgt Ion:240 Resp: 372573

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	28.0	21.4	32.0

240 100

120 10.5 8.1 12.1

236 28.0 21.4 32.0

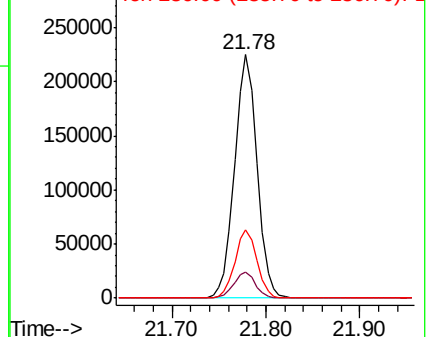
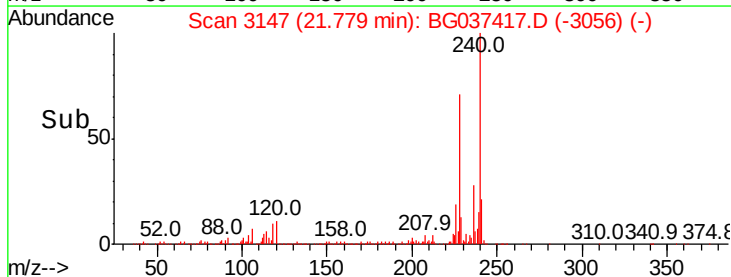


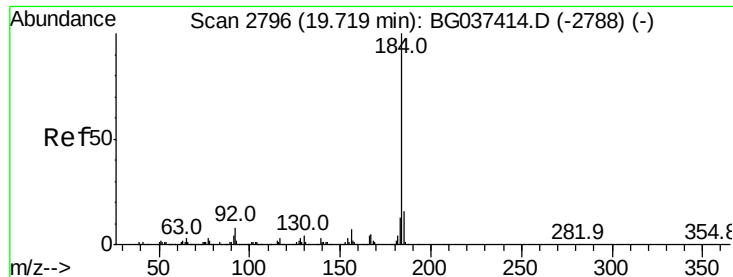
Abundance

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: 67.899 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

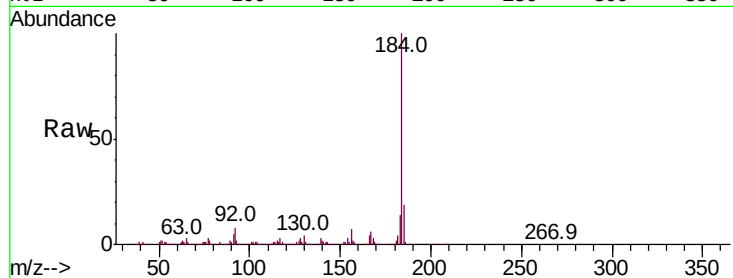
Tot Ion:184 Resp: 967770

Ion Ratio Lower Upper

184 100

185 19.0 12.6 18.8#

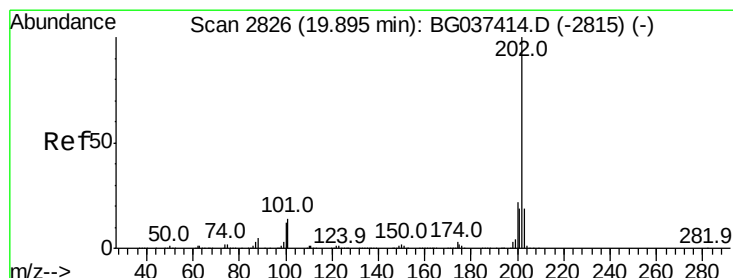
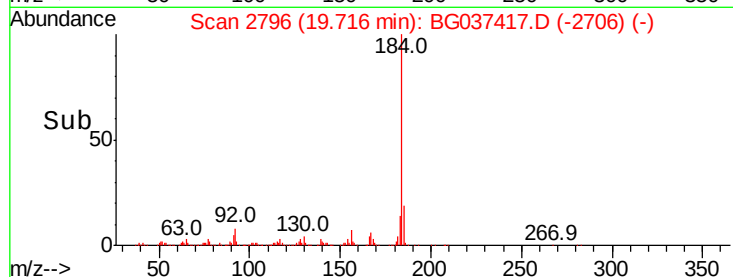
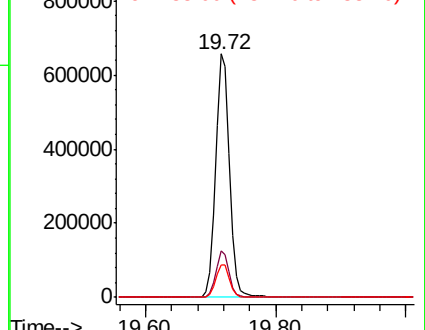
183 13.5 10.2 15.2



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: 74.341 ng

RT: 19.90 min Scan# 2828

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

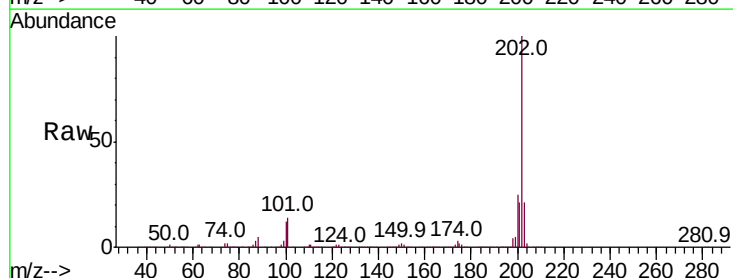
Tgt Ion:202 Resp: 1805157

Ion Ratio Lower Upper

202 100

200 25.2 17.8 26.6

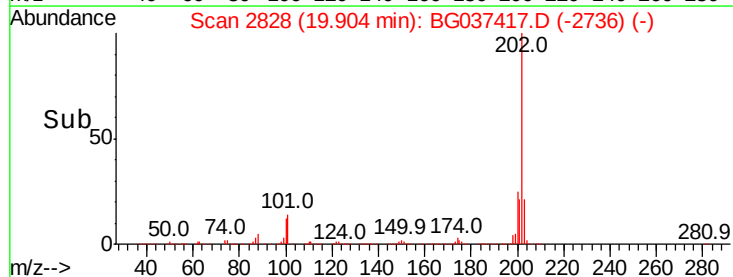
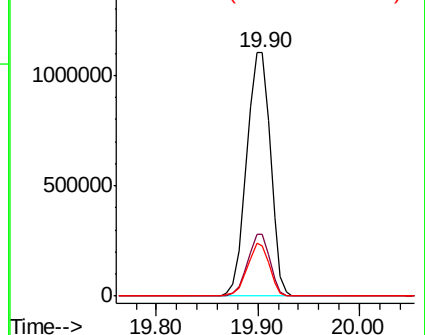
203 20.9 15.2 22.8

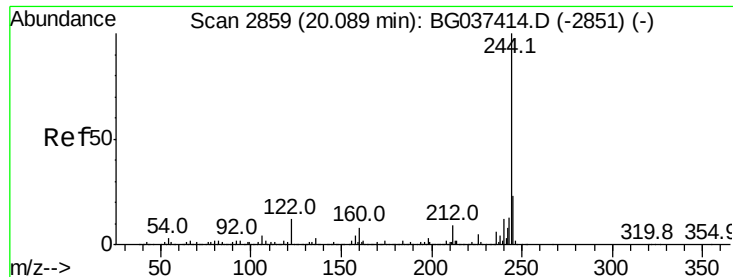


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 133.579 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

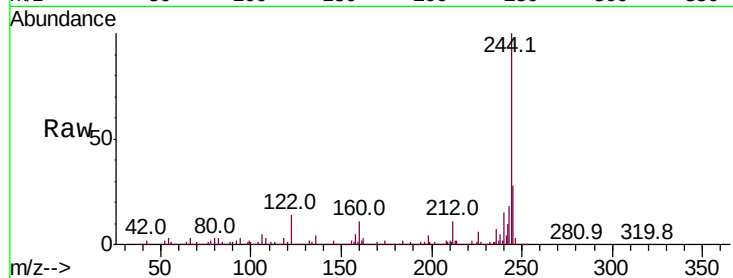
Tot Ion:244 Resp: 2370186

Ion	Ratio	Lower	Upper
244	100		
212	11.0	6.5	9.7#
122	13.7	9.0	13.4#

244 100

212 11.0 6.5 9.7#

122 13.7 9.0 13.4#

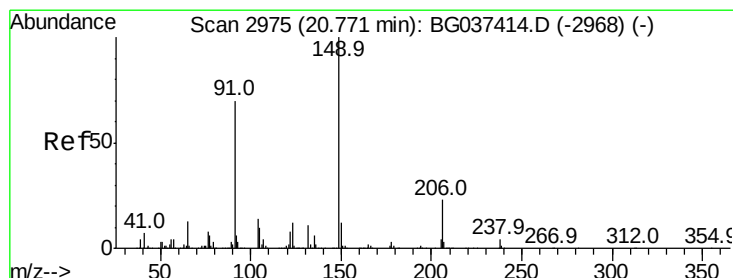
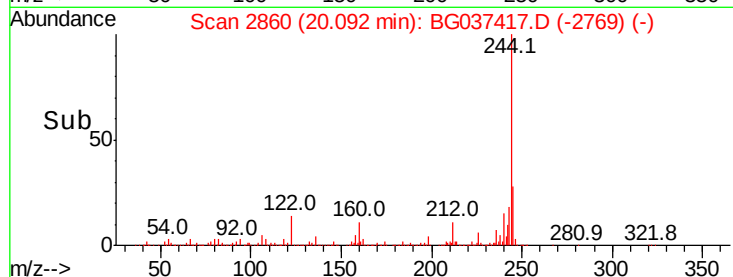
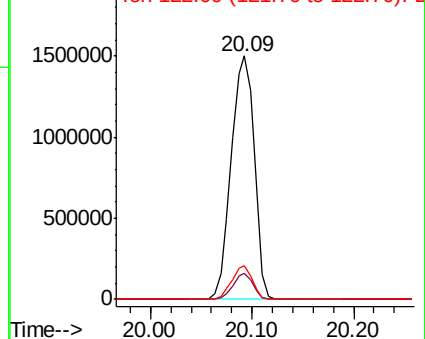


Abundance

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: 87.368 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

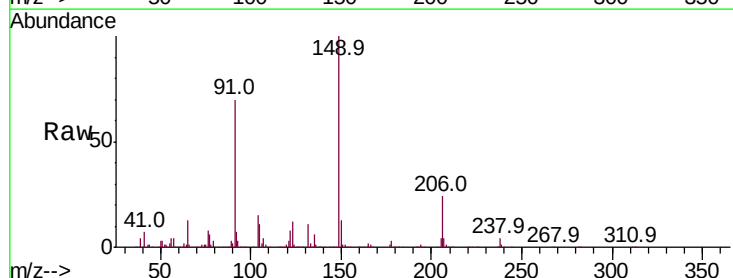
Tgt Ion:149 Resp: 825407

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.0	85.4
206	24.3	17.8	26.6

149 100

91 69.8 57.0 85.4

206 24.3 17.8 26.6

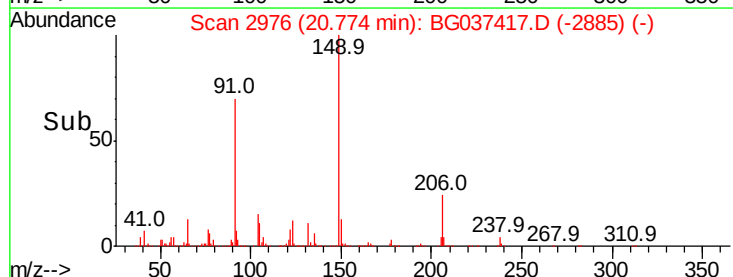
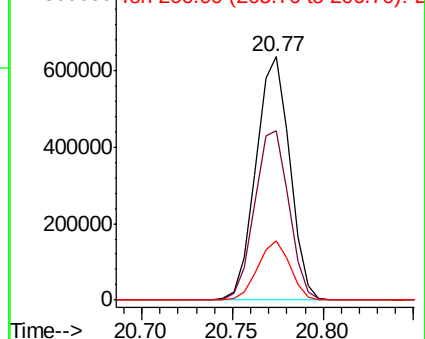


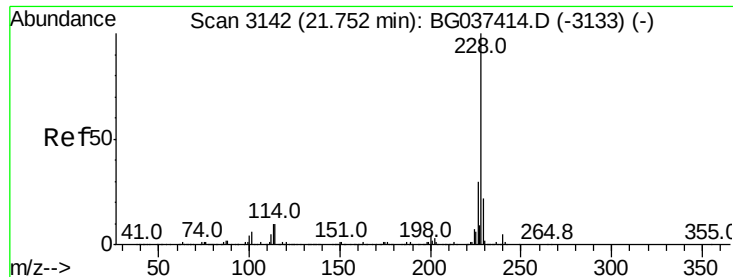
Abundance

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: 75.465 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

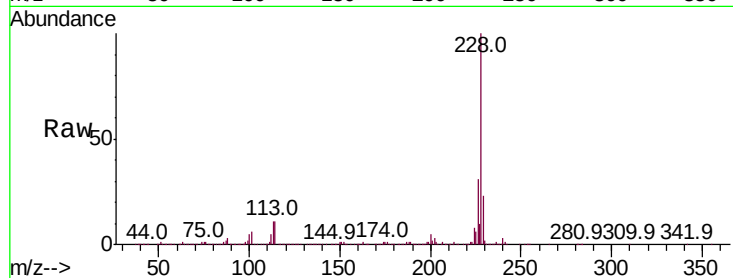
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1683901

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	23.1	16.3	24.5

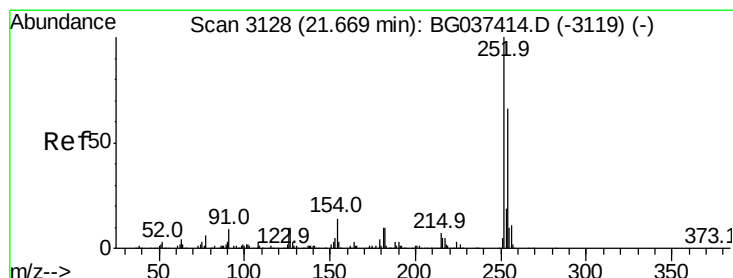
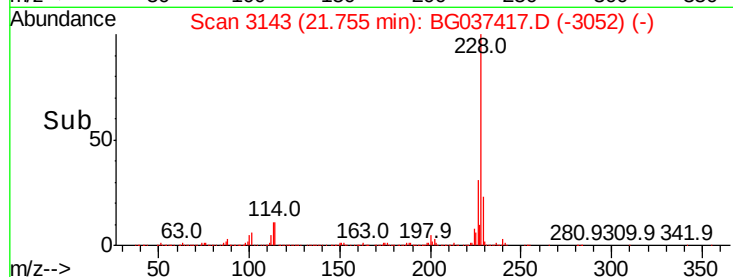
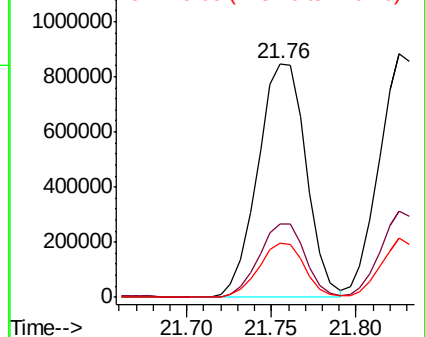


Abundance

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: 77.805 ng

RT: 21.67 min Scan# 3129

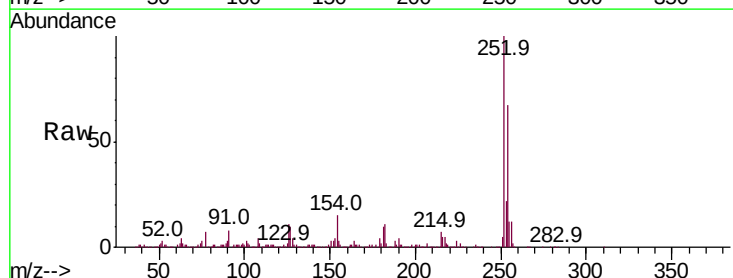
Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion:252 Resp: 669704

Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.0	78.0
126	11.2	8.2	12.4

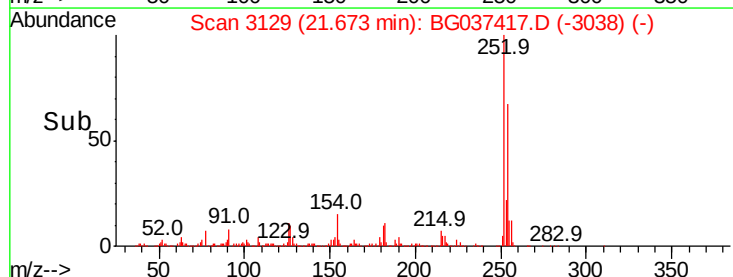
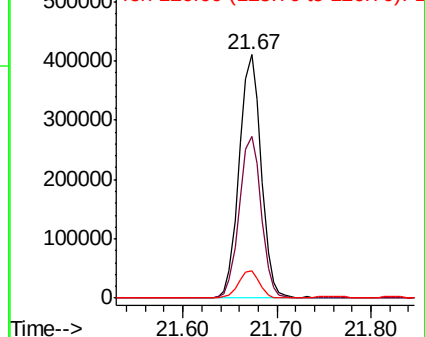


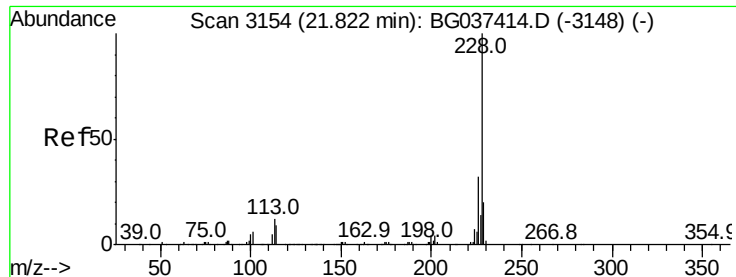
Abundance

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: 74.671 ng

RT: 21.83 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampleId :

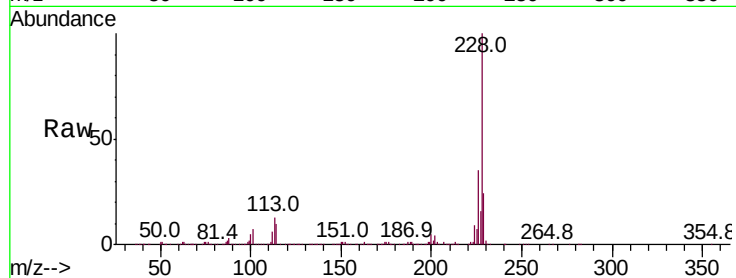
Tot Ion:228 Resp: 1589381

Ion Ratio Lower Upper

228 100

226 35.3 25.7 38.5

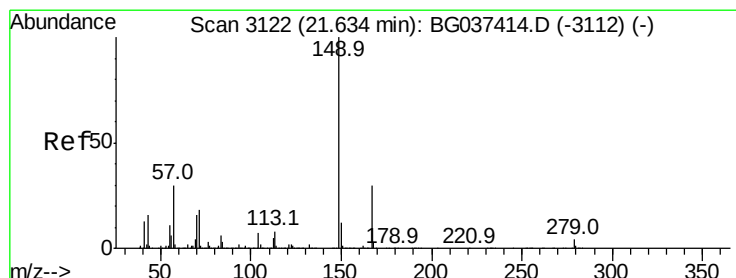
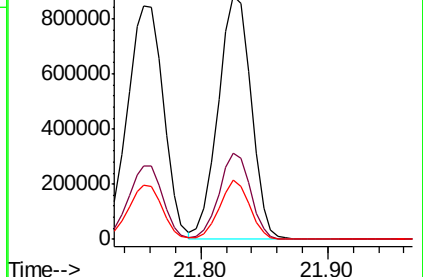
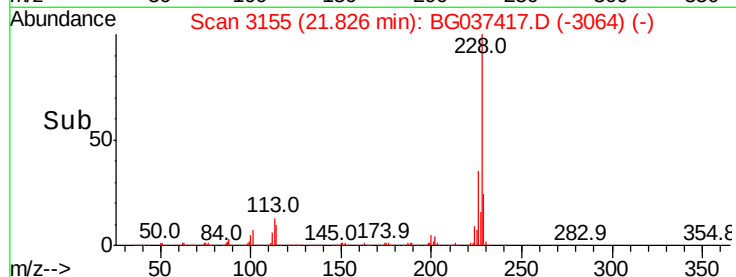
229 24.2 16.5 24.7



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: 84.104 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

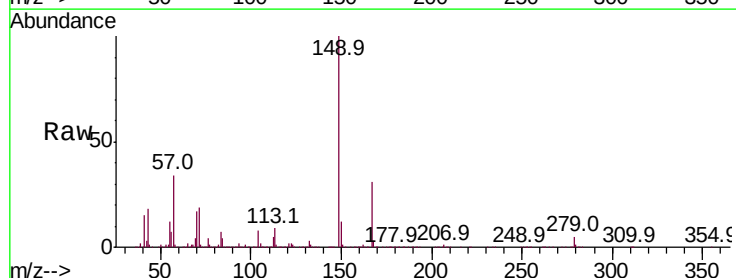
Tgt Ion:149 Resp: 1140961

Ion Ratio Lower Upper

149 100

167 30.6 23.0 34.4

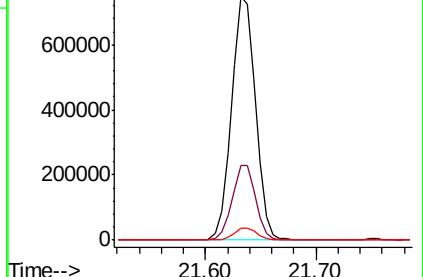
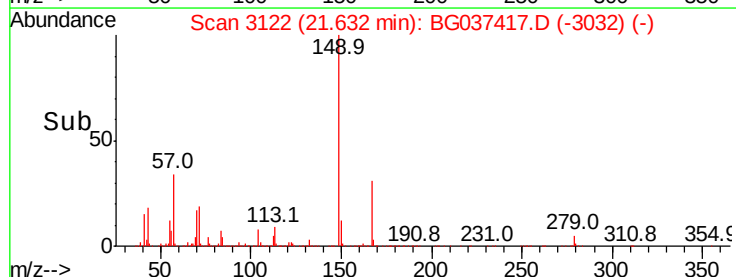
279 4.7 3.6 5.4

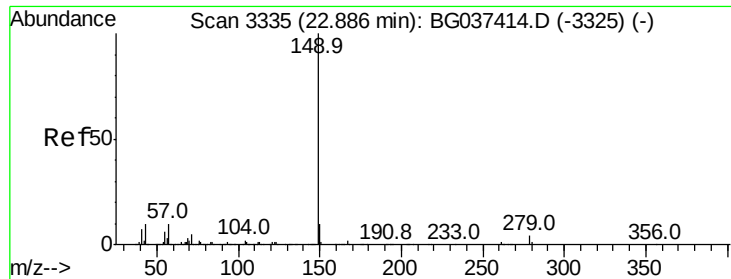


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

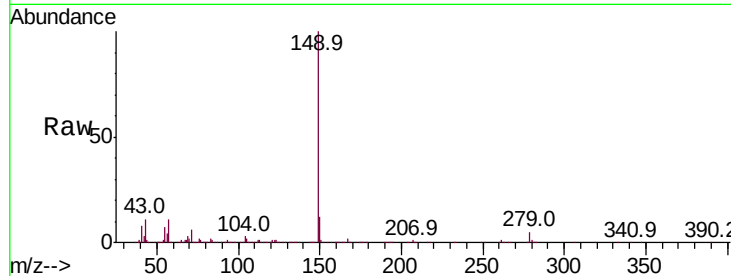




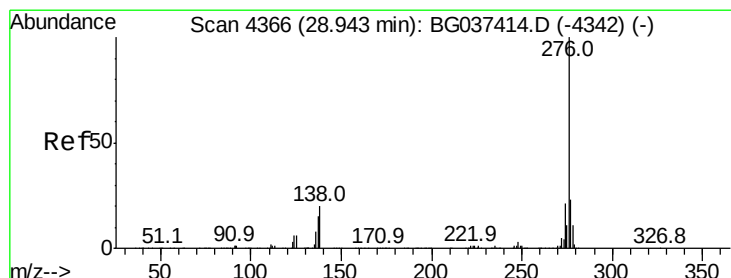
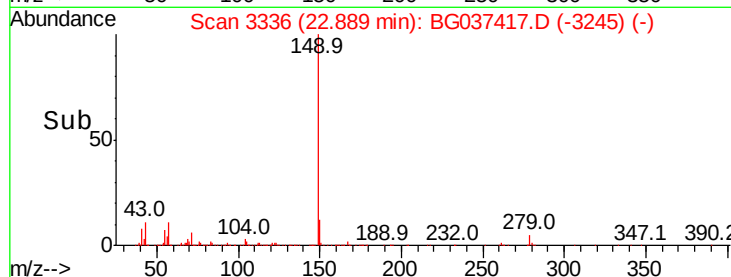
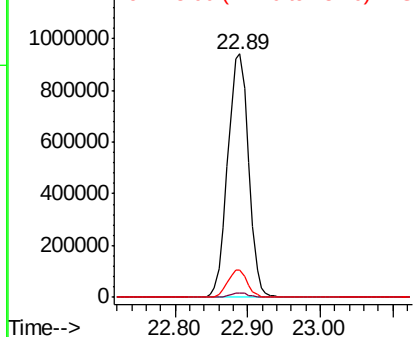
#85
Di-n-octyl phthalate
Concen: 85.192 ng
RT: 22.89 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1875829
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.8 8.7 13.1

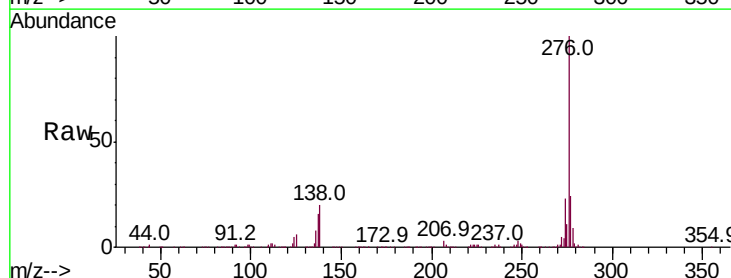


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

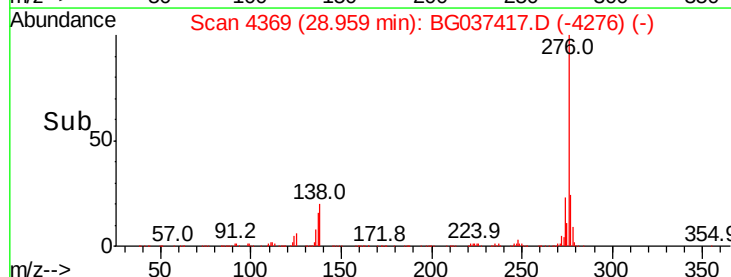
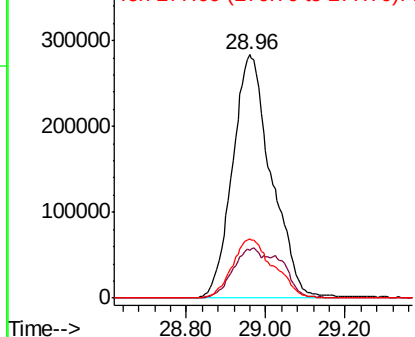


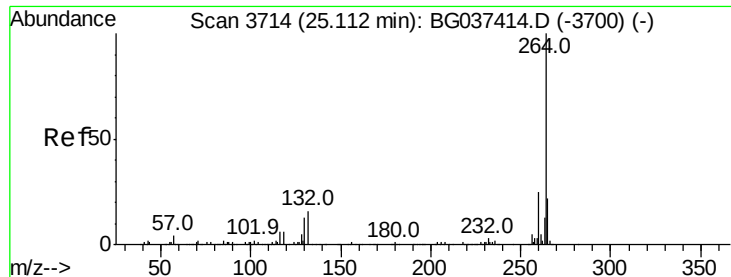
#86
Indeno(1,2,3-cd)pyrene
Concen: 81.745 ng
RT: 28.96 min Scan# 4369
Delta R.T. 0.02 min
Lab File: BG037417.D
Acq: 18 Oct 2018 13:07

Tgt Ion:276 Resp: 1928604
Ion Ratio Lower Upper
276 100
138 17.9 12.0 18.0
277 25.9 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: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

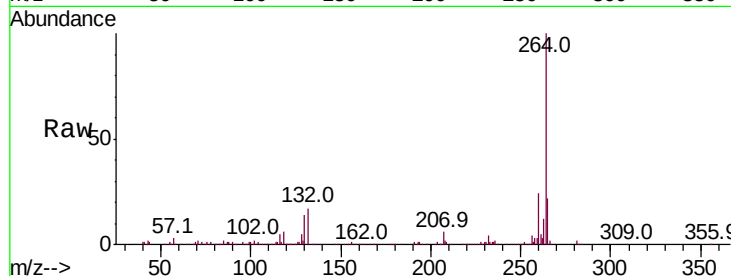
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 395948

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

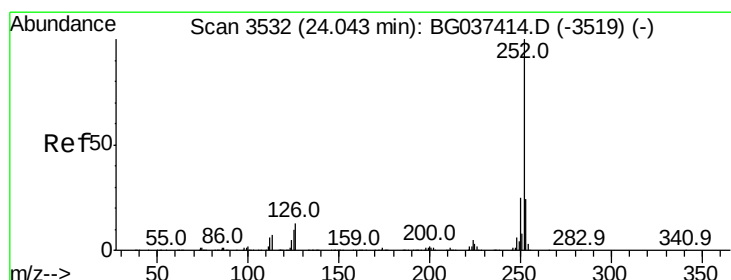
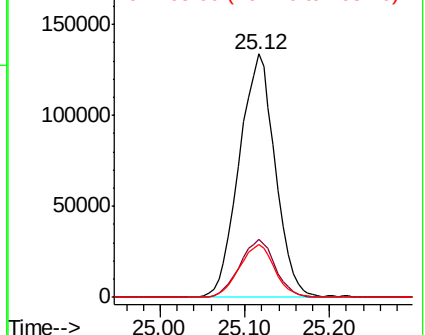
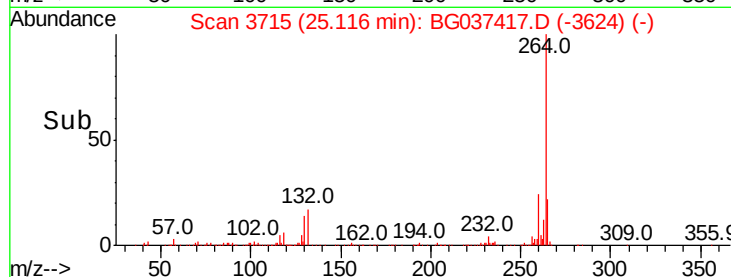


Abundance

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: 77.939 ng

RT: 24.05 min Scan# 3533

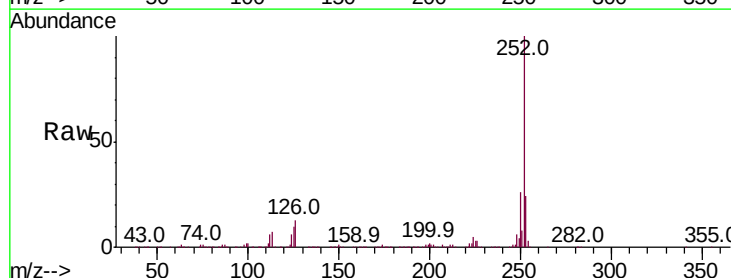
Delta R.T. 0.00 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion:252 Resp: 1677773

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.4	7.8	11.6

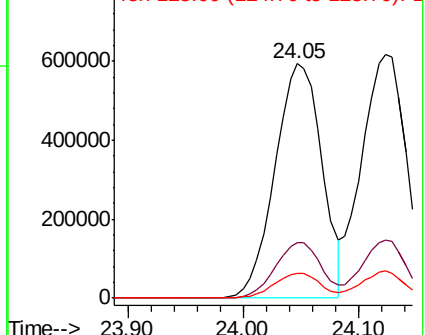
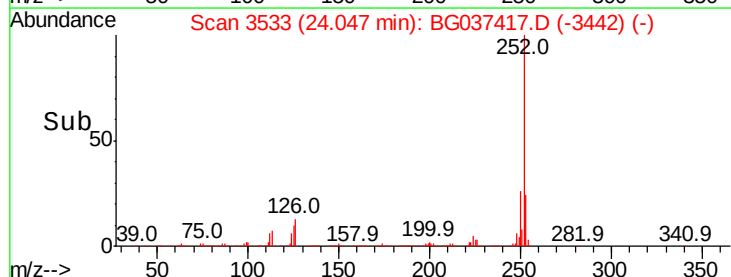


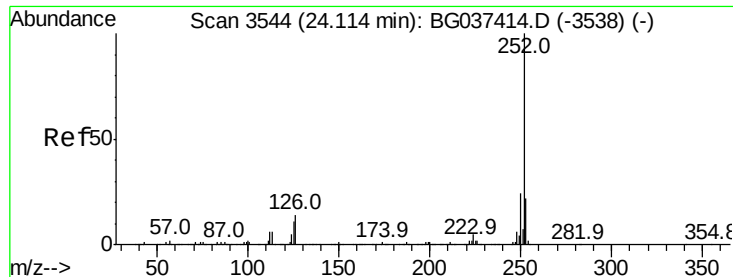
Abundance

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: 78.572 ng

RT: 24.12 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Instrument :

BNA_G

ClientSampled :

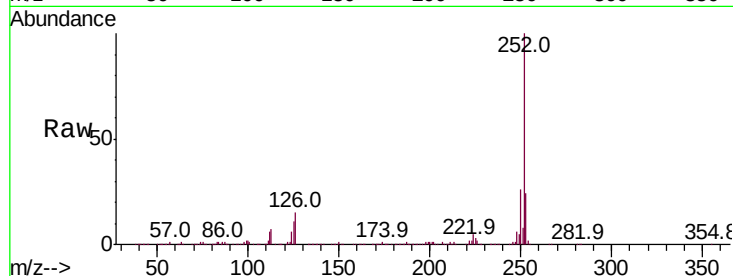
Tot Ion:252 Resp: 1669015

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	11.0	7.4	11.0

252 100

253 23.8 17.4 26.2

125 11.0 7.4 11.0

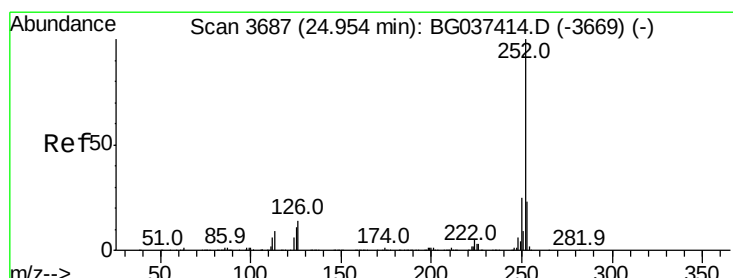
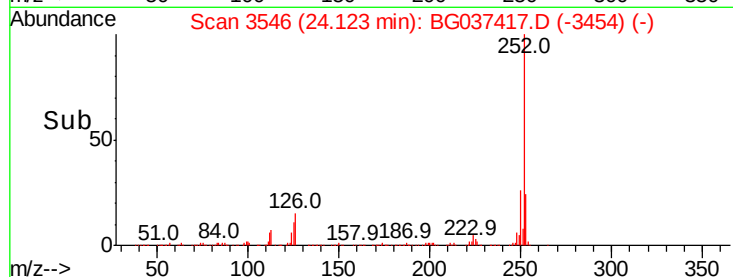
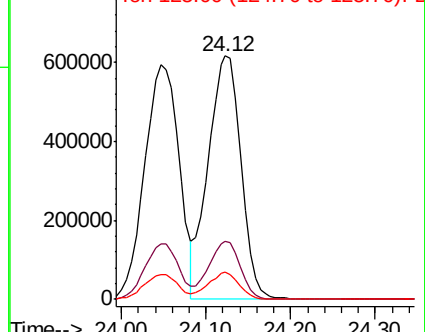


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 79.372 ng

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

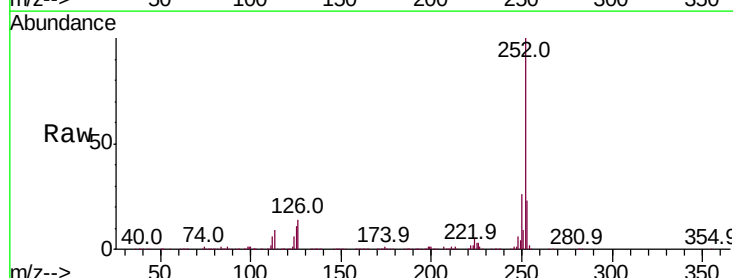
Tgt Ion:252 Resp: 1638404

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	11.4	9.0	13.6

252 100

253 23.5 17.4 26.2

125 11.4 9.0 13.6

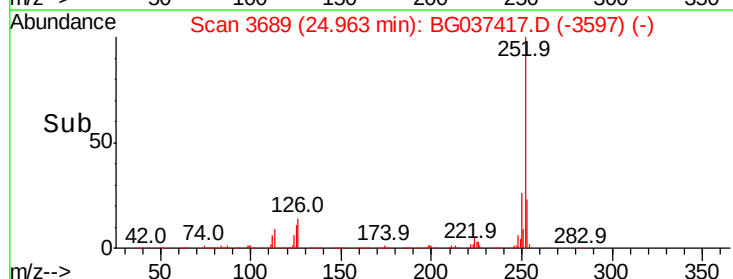
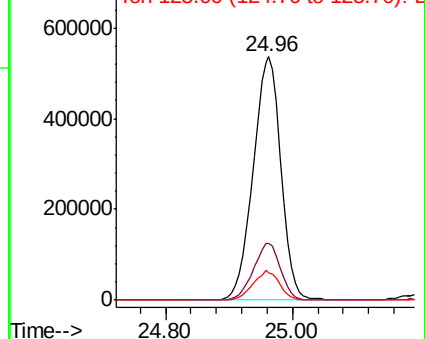


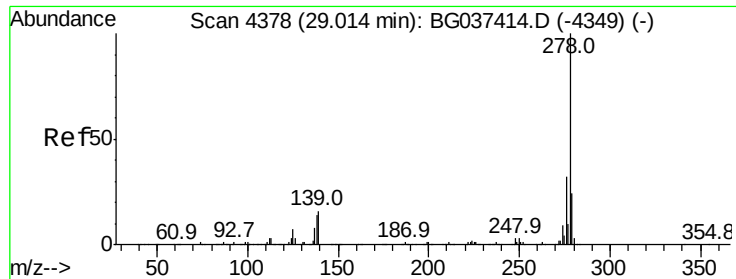
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 78.711 ng

RT: 29.03 min Scan# 4382

Delta R.T. 0.02 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

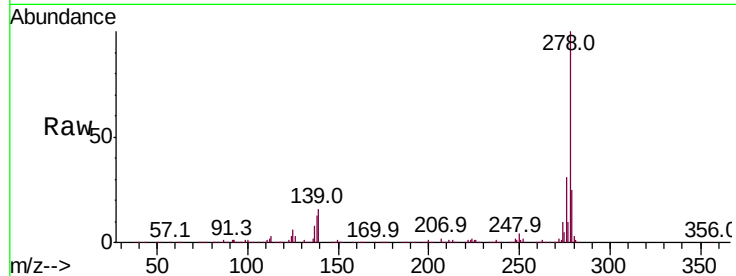
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1554602

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	24.6	18.6	27.8

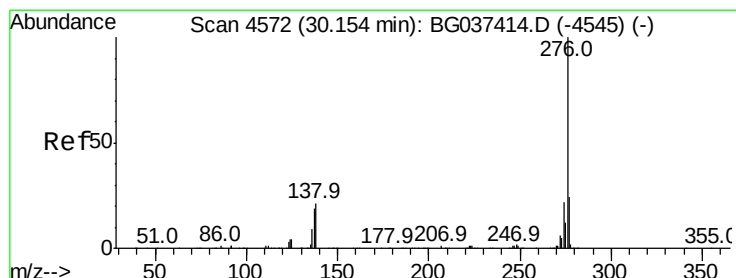
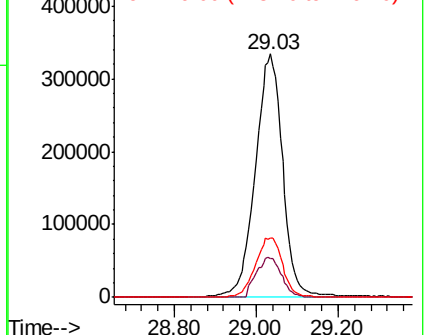
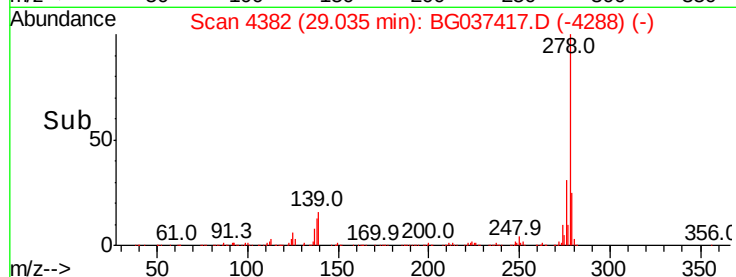


Abundance

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: 79.774 ng

RT: 30.17 min Scan# 4575

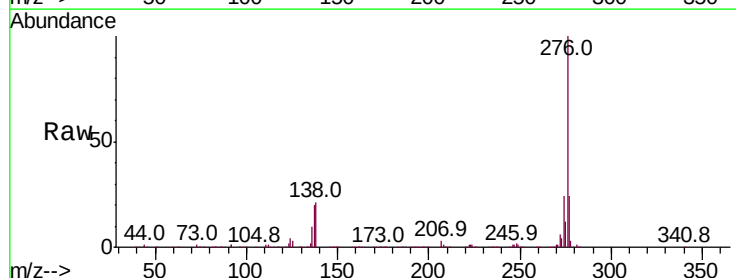
Delta R.T. 0.02 min

Lab File: BG037417.D

Acq: 18 Oct 2018 13:07

Tgt Ion:276 Resp: 1573637

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	21.3	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

