

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037581.D
 Acq On : 26 Oct 2018 15:12
 Operator : JU/SJ
 Sample : PB114176BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

Quant Time: Oct 27 03:39:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49821	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	234340	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	159262	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	378567	20.00	ng	0.00
76) Chrysene-d12	21.77	240	338830	20.00	ng	0.00
87) Perylene-d12	25.10	264	346814	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	485150	162.80	ng	0.00
7) Phenol-d6	7.25	99	685120	152.04	ng	0.00
23) Nitrobenzene-d5	9.28	82	321984	76.97	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	251457	144.76	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	780962	73.94	ng	0.00
79) Terphenyl-d14	20.08	244	1150189	72.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	49253	32.591	ng	96
3) Pyridine	3.93	79	141626	37.182	ng	93
4) n-Nitrosodimethylamine	3.85	42	63475	46.786	ng	# 93
6) Aniline	7.42	93	183726	33.422	ng	97
8) 2-Chlorophenol	7.66	128	160388	46.007	ng	99
9) Benzaldehyde	7.24	77	88934	31.551	ng	97
10) Phenol	7.28	94	217403	45.726	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	147922	40.964	ng	95
12) 1,3-Dichlorobenzene	7.99	146	158097	40.736	ng	97
13) 1,4-Dichlorobenzene	8.14	146	159209	40.104	ng	99
14) 1,2-Dichlorobenzene	8.46	146	153693	40.246	ng	99
15) Benzyl Alcohol	8.34	79	145196	43.608	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	266803	41.294	ng	99
17) 2-Methylphenol	8.54	107	146438	46.588	ng	98
18) Hexachloroethane	9.18	117	56616	41.832	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	121598	39.188	ng	95
20) 3+4-Methylphenols	8.86	107	203816	45.353	ng	98
22) Acetophenone	8.93	105	232769	39.606	ng	# 97
24) Nitrobenzene	9.32	77	180456	41.525	ng	94
25) Isophorone	9.84	82	350916	45.911	ng	98
26) 2-Nitrophenol	10.03	139	89009	45.466	ng	94
27) 2,4-Dimethylphenol	10.07	122	173268	49.569	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	213561	42.645	ng	100
29) 2,4-Dichlorophenol	10.56	162	174301	44.786	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	166249	39.281	ng	97
31) Naphthalene	10.97	128	492305	42.771	ng	100
32) Benzoic acid	10.19	122	111481	49.103	ng	96
33) 4-Chloroaniline	11.09	127	127460	23.568	ng	98
34) Hexachlorobutadiene	11.24	225	95954	38.253	ng	99
35) Caprolactam	11.87	113	41309	26.465	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	191545	43.641	ng	99
37) 2-Methylnaphthalene	12.57	142	376584	44.882	ng	100
38) 1-Methylnaphthalene	12.79	142	360376	44.227	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	189775	36.942	ng	99

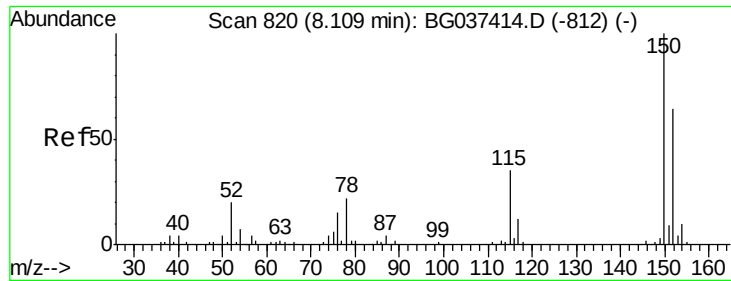
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037581.D
 Acq On : 26 Oct 2018 15:12
 Operator : JU/SJ
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Quant Time: Oct 27 03:39:07 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	231168	94.207	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	147764	43.055	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	161163	43.130	ng	98
46) 1,1'-Biphenyl	13.57	154	488299	37.021	ng	99
47) 2-Chloronaphthalene	13.62	162	386679	38.751	ng	98
48) 2-Nitroaniline	13.82	65	131204	43.359	ng	98
49) Acenaphthylene	14.46	152	651469	43.401	ng	99
50) Dimethylphthalate	14.19	163	516771	41.943	ng	98
51) 2,6-Dinitrotoluene	14.32	165	117443	43.089	ng	94
52) Acenaphthene	14.80	154	378963	40.994	ng	98
53) 3-Nitroaniline	14.65	138	95250	31.479	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	82402	72.582	ng	94
55) Dibenzofuran	15.13	168	613681	40.067	ng	100
56) 4-Nitrophenol	14.95	139	265420	118.507	ng	97
57) 2,4-Dinitrotoluene	15.10	165	161642	45.179	ng	# 96
58) Fluorene	15.78	166	497953	43.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143061	44.716	ng	100
60) Diethylphthalate	15.54	149	517985	40.950	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	260305	38.937	ng	99
62) 4-Nitroaniline	15.81	138	127315	42.345	ng	92
63) Azobenzene	16.06	77	498400	41.297	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77546	40.624	ng	97
66) n-Nitrosodiphenylamine	15.99	169	455429	39.994	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	162211	39.018	ng	99
68) Hexachlorobenzene	16.77	284	164949	38.283	ng	99
69) Atrazine	16.93	200	167032	40.570	ng	99
70) Pentachlorophenol	17.12	266	193721	67.123	ng	97
71) Phenanthrene	17.52	178	820898	42.666	ng	100
72) Anthracene	17.62	178	832586	44.096	ng	99
73) Carbazole	17.89	167	751268	39.777	ng	99
74) Di-n-butylphthalate	18.42	149	890317	42.376	ng	100
75) Fluoranthene	19.53	202	944936	43.303	ng	99
77) Benzidine	19.72	184	365922	31.761	ng	99
78) Pyrene	19.89	202	931012	42.033	ng	99
80) Butylbenzylphthalate	20.76	149	394794	43.551	ng	99
81) Benzo(a)anthracene	21.75	228	863207	43.071	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	226946	29.215	ng	99
83) Chrysene	21.81	228	812619	42.167	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	556418	43.790	ng	99
85) Di-n-octyl phthalate	22.87	149	936378	45.192	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	892017	43.156	ng	99
88) Benzo(b)fluoranthene	24.03	252	854341	44.933	ng	99
89) Benzo(k)fluoranthene	24.11	252	821173	44.082	ng	98
90) Benzo(a)pyrene	24.95	252	818311	45.292	ng	100
91) Dibenzo(a,h)anthracene	28.99	278	724315	43.461	ng	98
92) Benzo(g,h,i)perylene	30.13	276	716545	42.498	ng	99

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

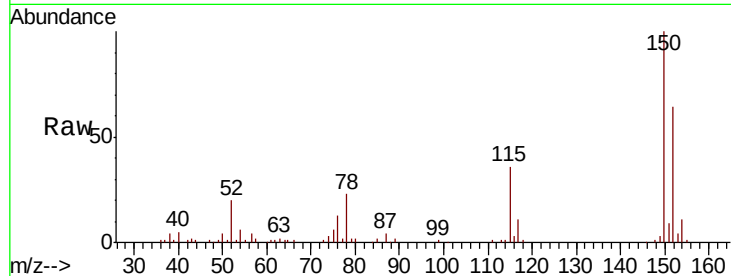


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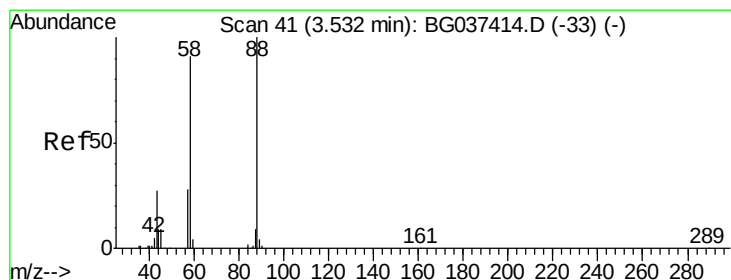
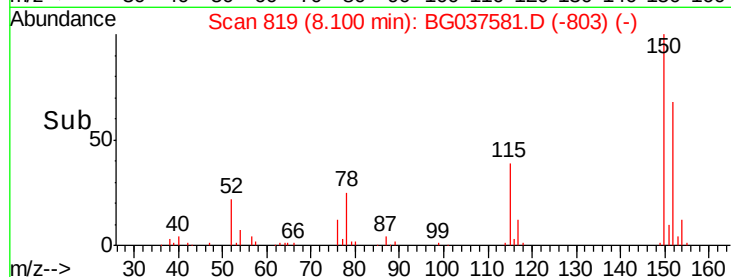
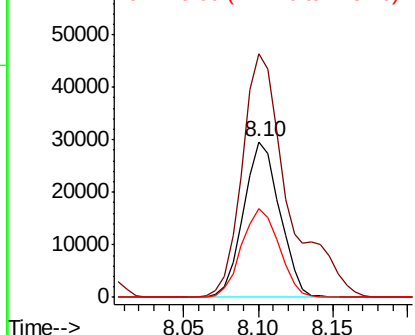
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion:152 Resp: 49821
Ion Ratio Lower Upper
152 100
150 156.6 126.0 189.0
115 56.9 45.5 68.3



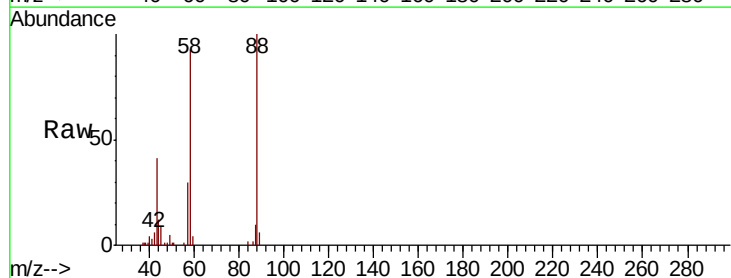
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



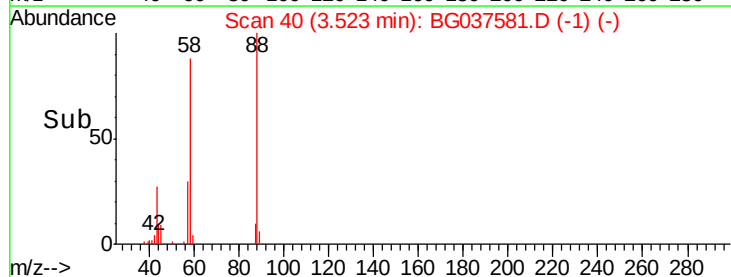
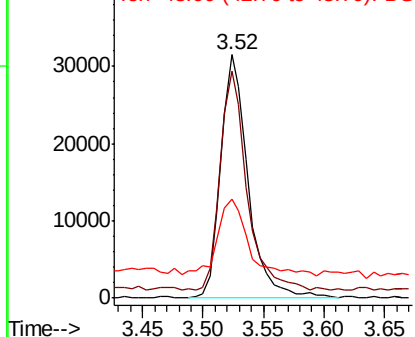
#2

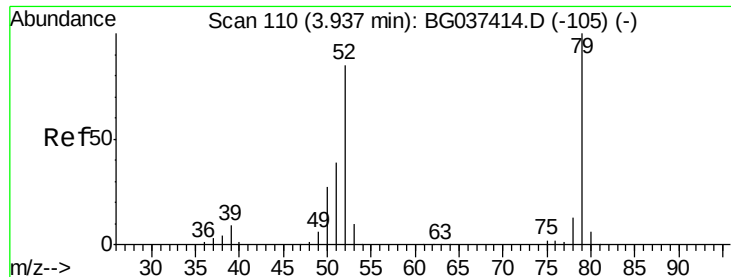
1,4-Dioxane
Concen: 32.591 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion: 88 Resp: 49253
Ion Ratio Lower Upper
88 100
58 88.6 74.4 111.6
43 33.9 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: 37.182 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

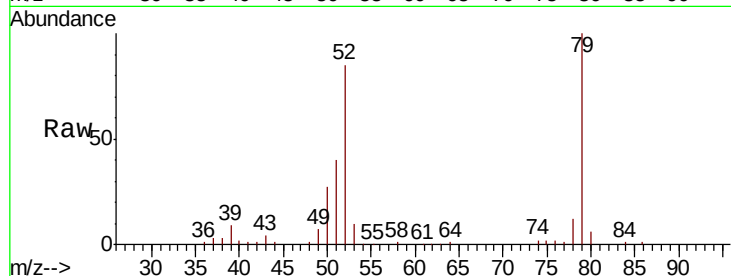
Tot Ion: 79 Resp: 141626

Ion Ratio Lower Upper

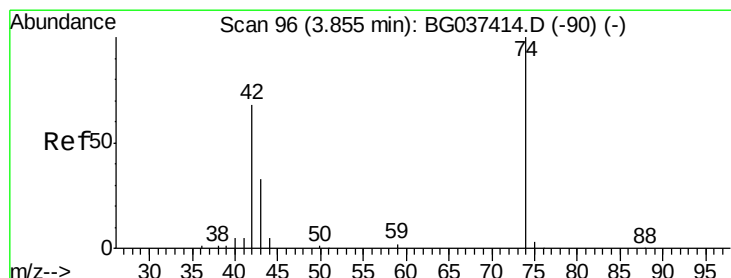
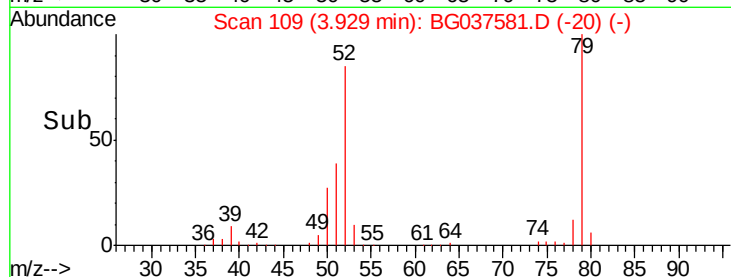
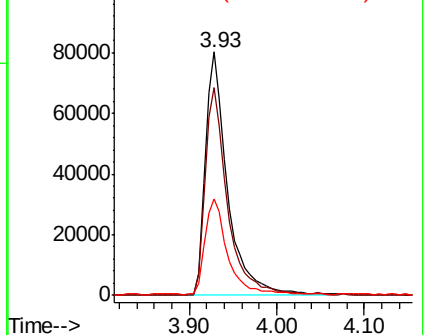
79 100

52 85.2 74.2 111.2

51 39.8 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: 46.786 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

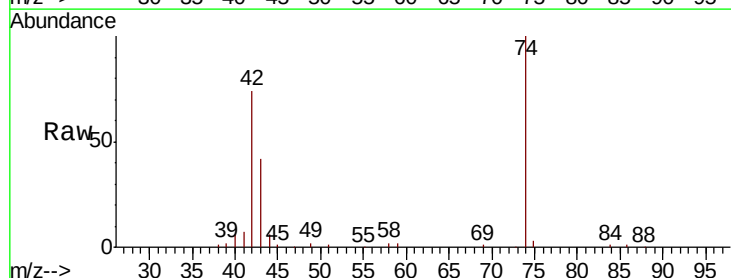
Tgt Ion: 42 Resp: 63475

Ion Ratio Lower Upper

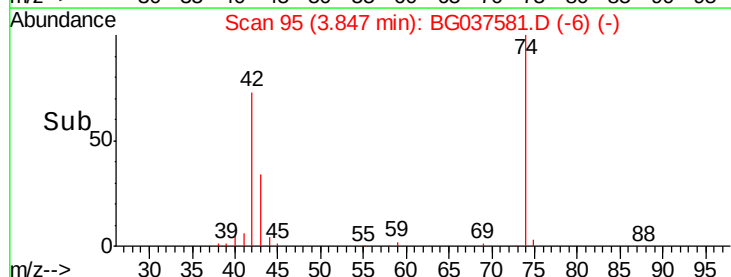
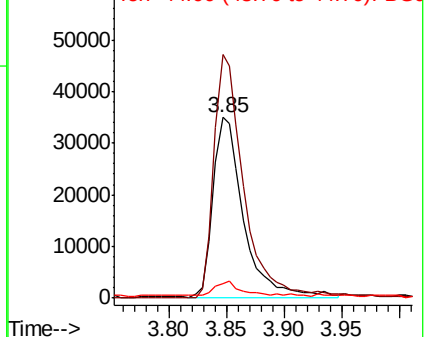
42 100

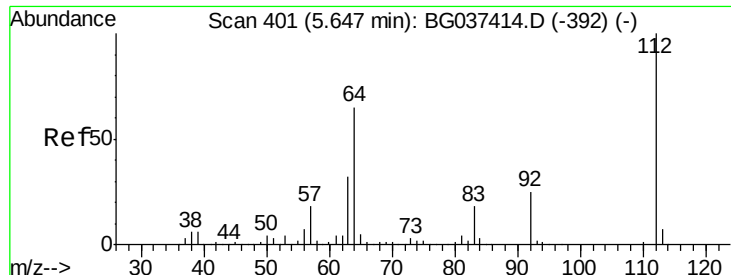
74 135.0 102.0 153.0

44 8.2 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: 162.803 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

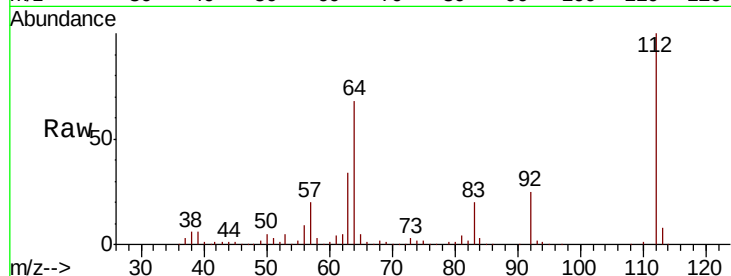
Tot Ion:112 Resp: 485150

Ion Ratio Lower Upper

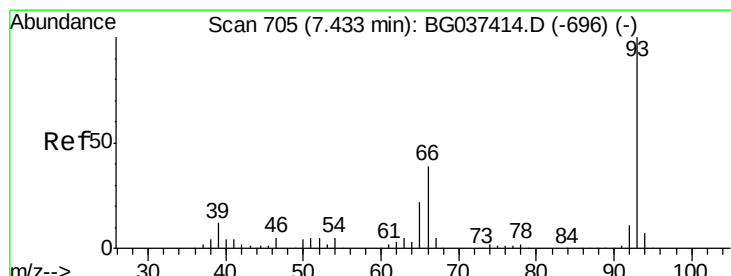
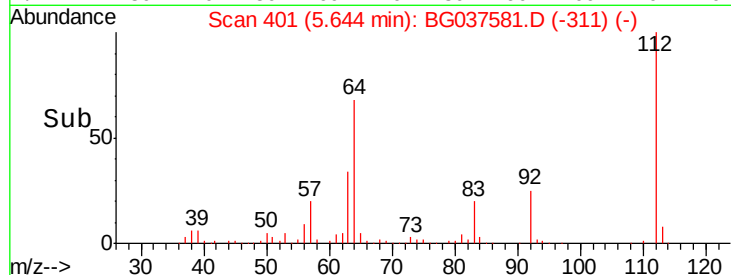
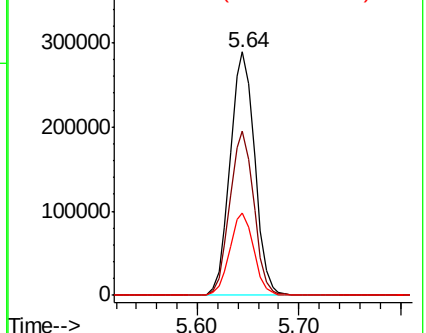
112 100

64 67.7 53.1 79.7

63 34.0 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: 33.422 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

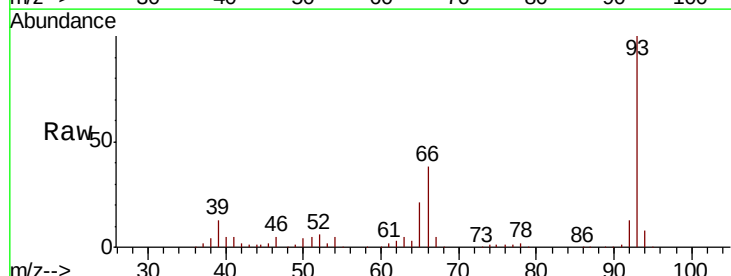
Tgt Ion: 93 Resp: 183726

Ion Ratio Lower Upper

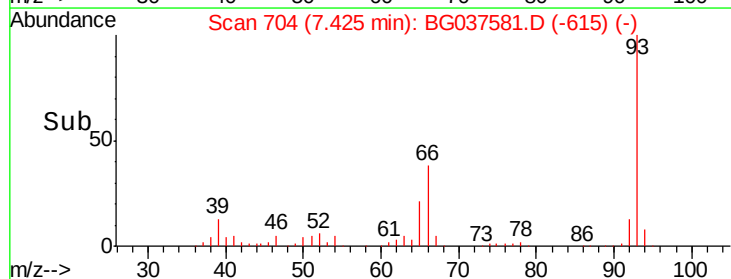
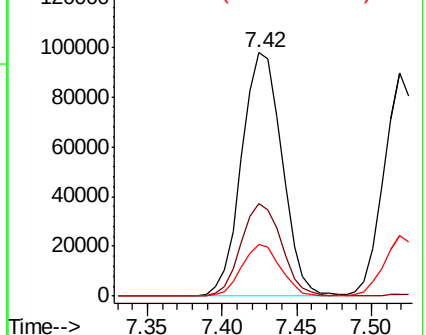
93 100

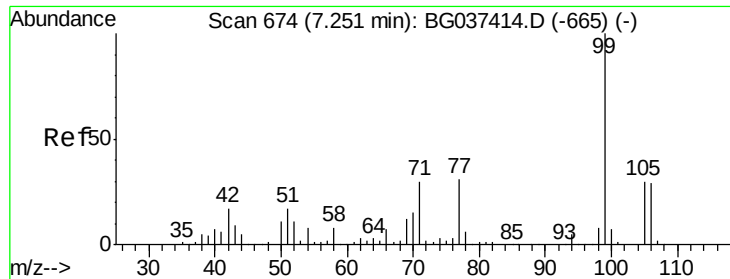
66 38.3 32.8 49.2

65 21.2 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: 152.042 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

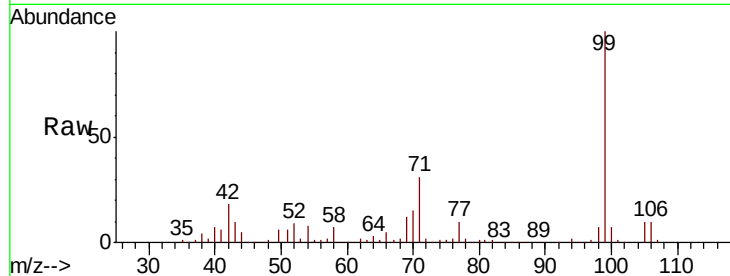
Tot Ion: 99 Resp: 685120

Ion Ratio Lower Upper

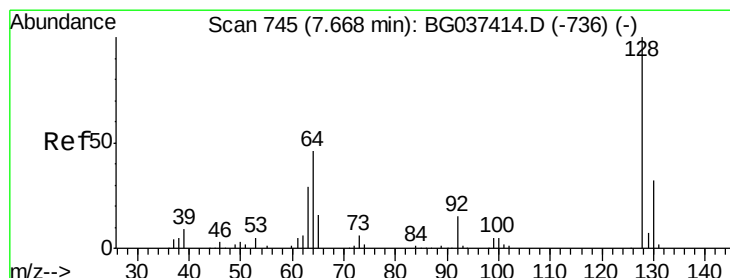
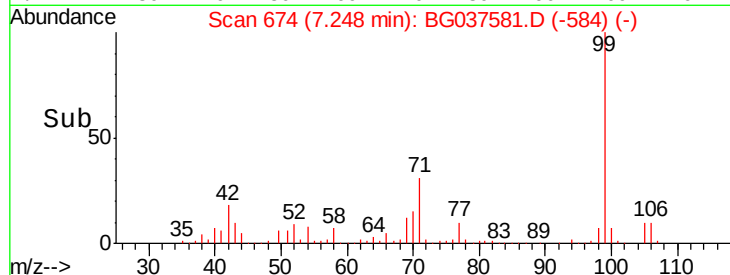
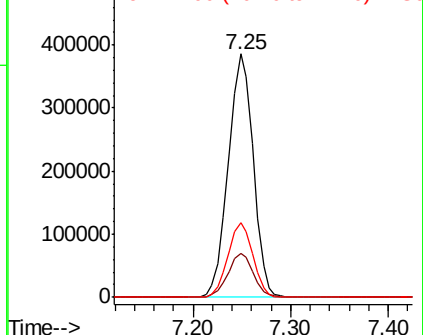
99 100

42 18.1 15.0 22.4

71 30.6 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: 46.007 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

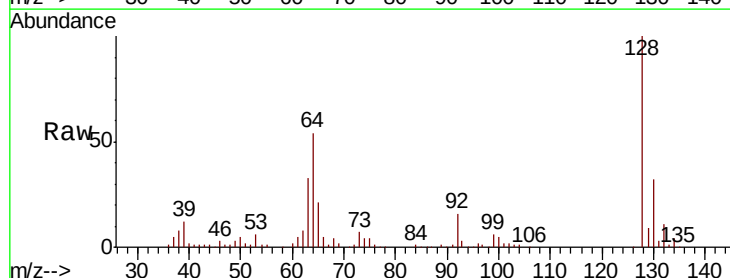
Tgt Ion: 128 Resp: 160388

Ion Ratio Lower Upper

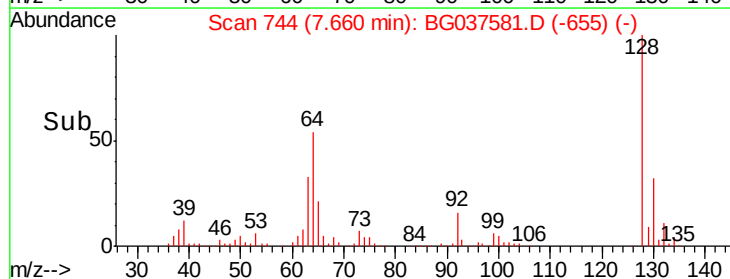
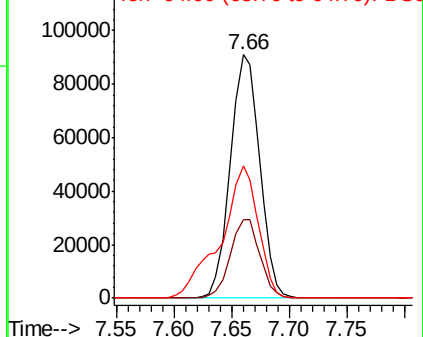
128 100

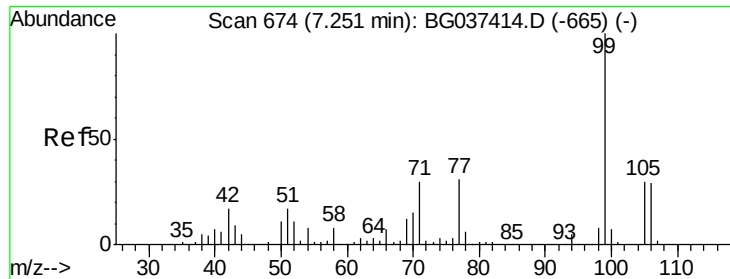
130 32.2 12.0 52.0

64 54.1 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: 31.551 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

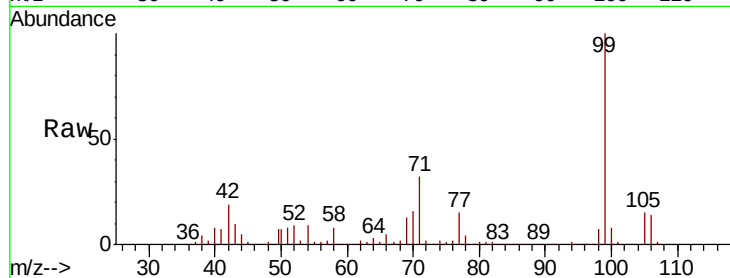
Tot Ion: 77 Resp: 88934

Ion Ratio Lower Upper

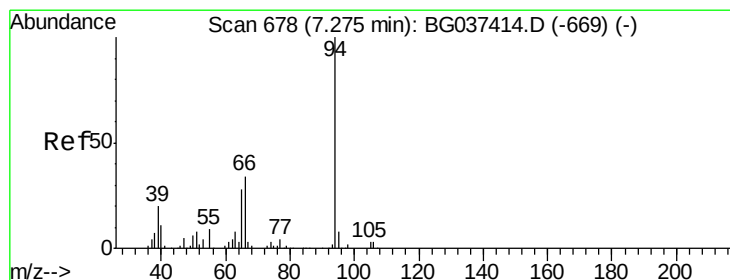
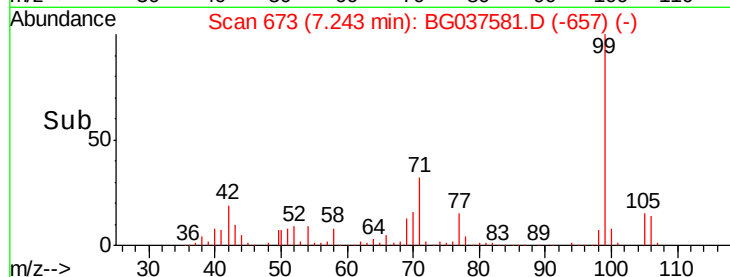
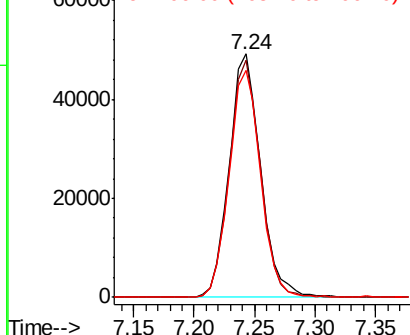
77 100

105 97.4 72.6 112.6

106 93.0 71.3 111.3



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



#10

Phenol

Concen: 45.726 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

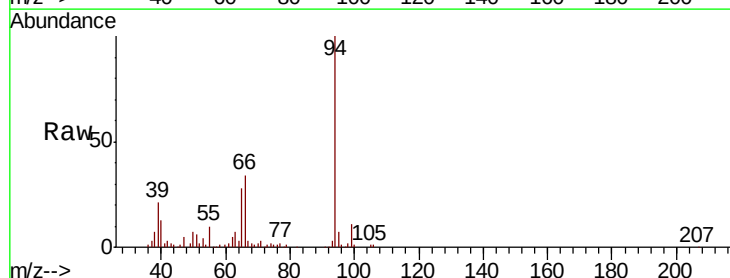
Tgt Ion: 94 Resp: 217403

Ion Ratio Lower Upper

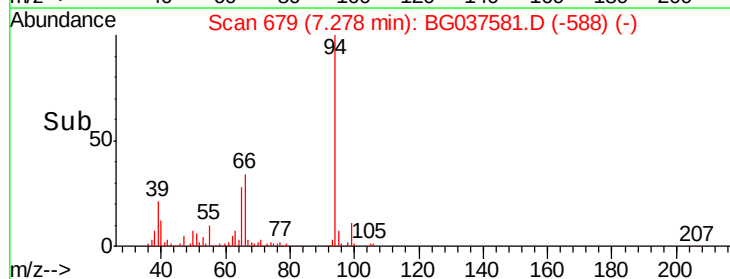
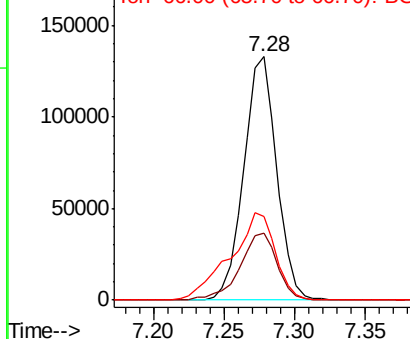
94 100

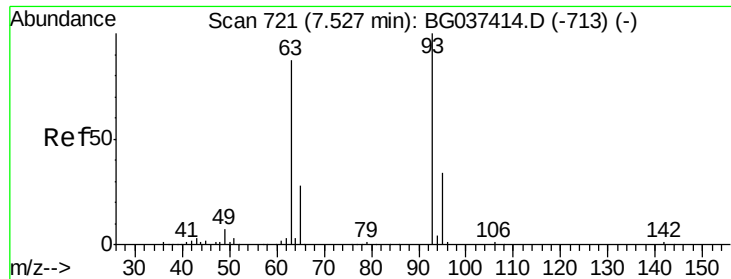
65 27.7 9.7 49.7

66 34.3 15.9 55.9



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

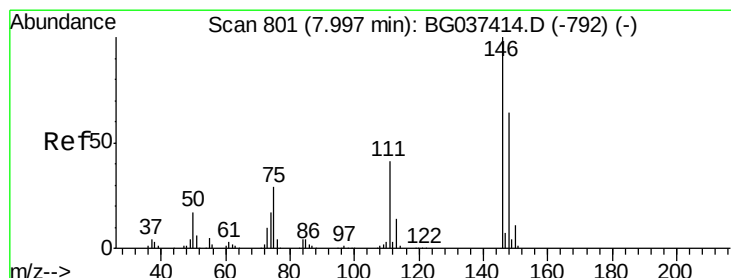
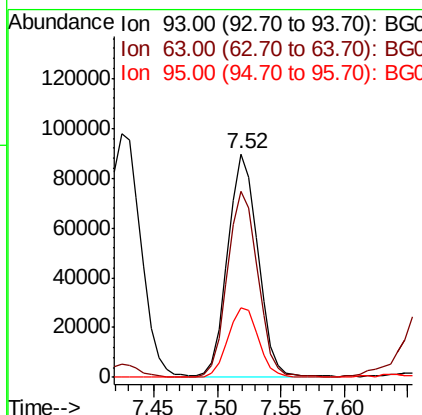
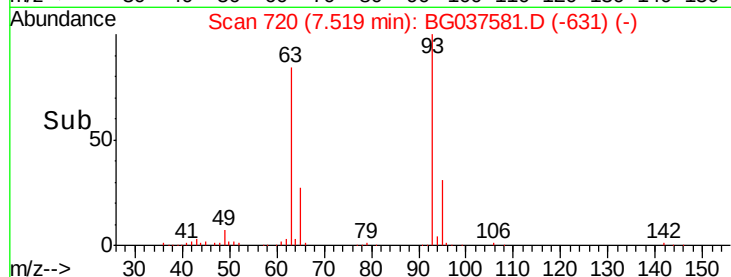
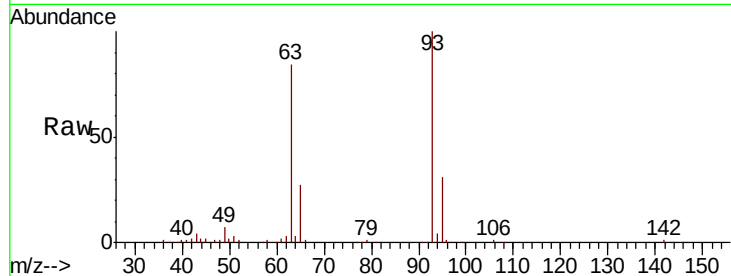




#11
 bis(2-Chloroethyl)ether
 Concen: 40.964 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

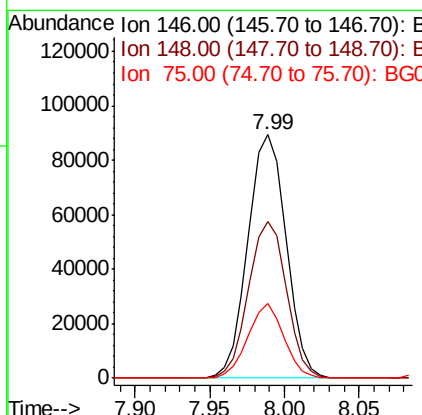
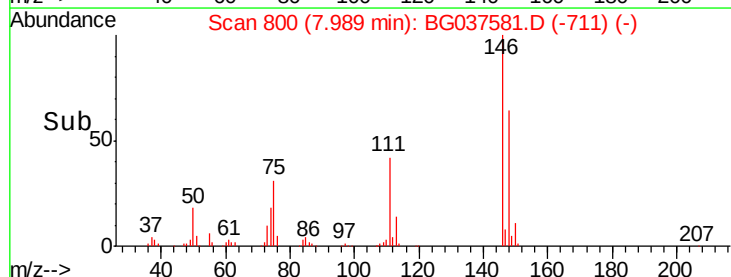
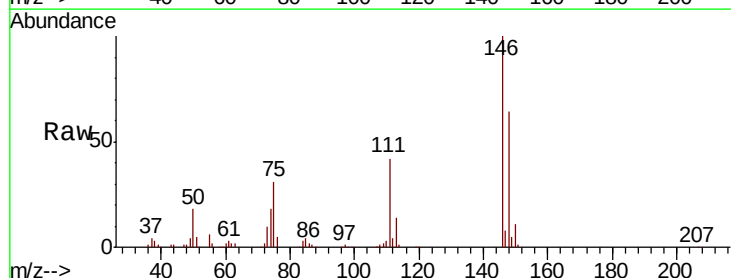
Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

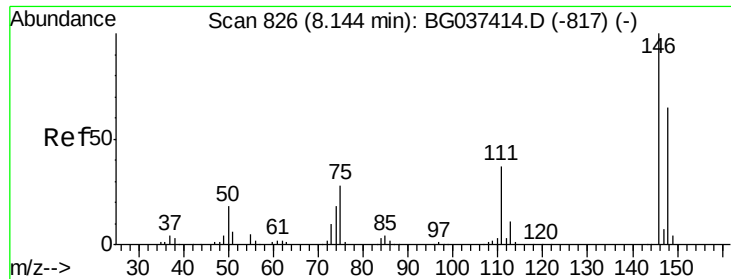
Tot Ion: 93 Resp: 147922
 Ion Ratio Lower Upper
 93 100
 63 83.6 69.5 109.5
 95 31.1 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.736 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion: 146 Resp: 158097
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.8 74.8
 75 30.5 23.2 34.8

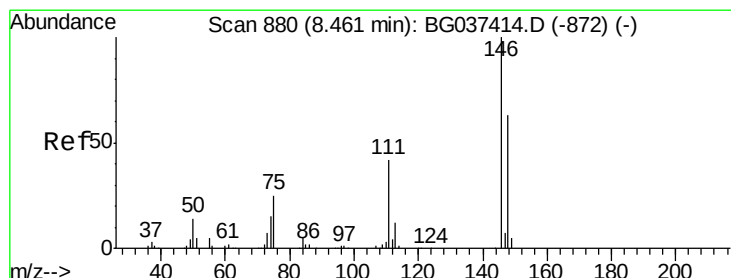
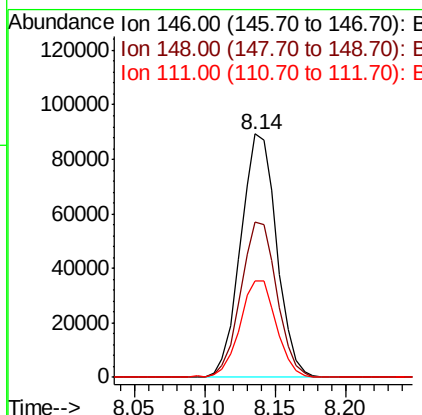
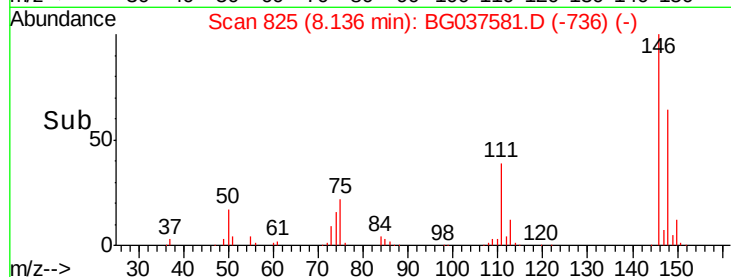
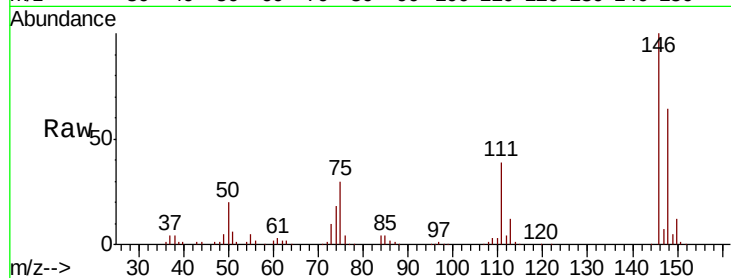




#13
 1,4-Dichlorobenzene
 Concen: 40.104 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

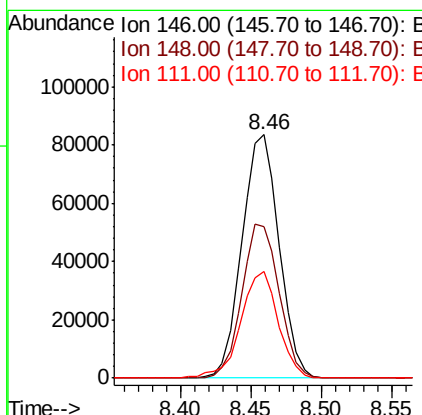
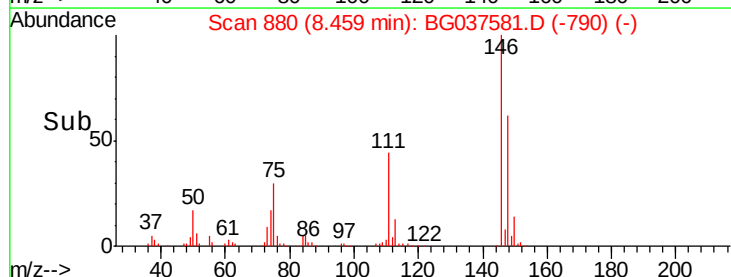
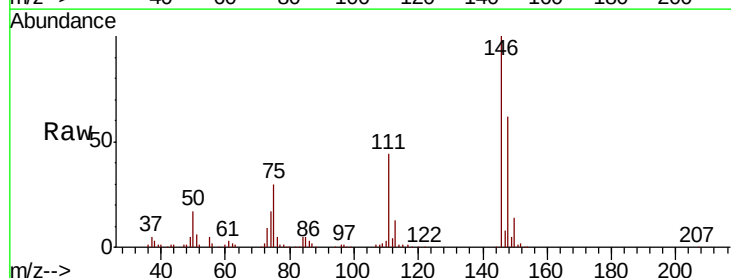
Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

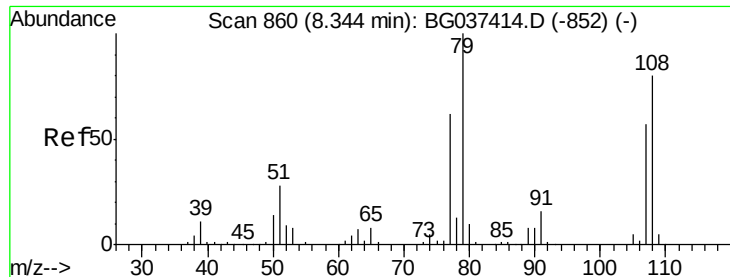
Tot Ion:146 Resp: 159209
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 39.3 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 40.246 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion:146 Resp: 153693
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.4 75.6
 111 44.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 43.608 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

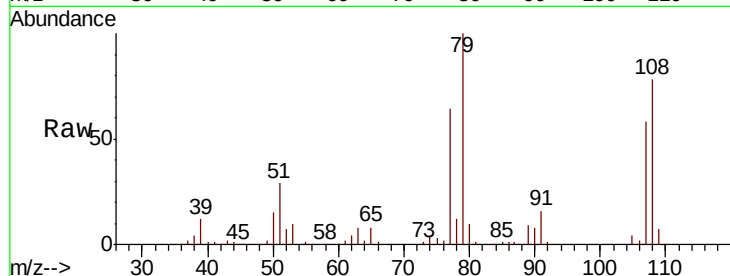
Tot Ion: 79 Resp: 145196

Ion Ratio Lower Upper

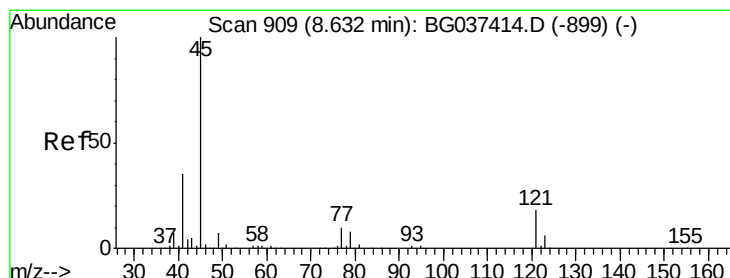
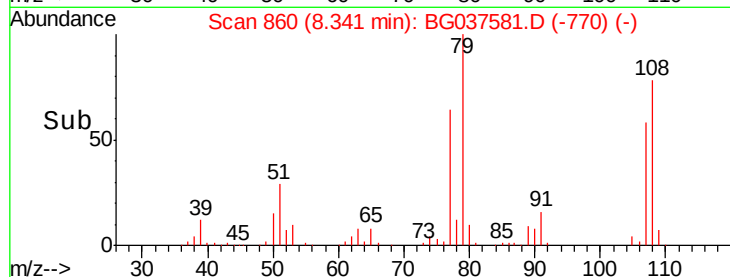
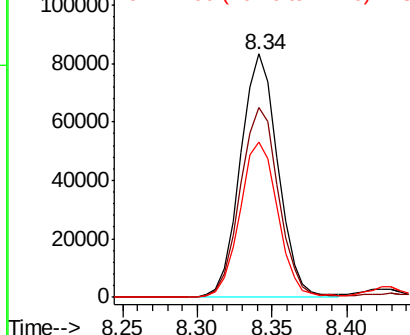
79 100

108 77.8 65.8 98.8

77 63.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.294 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

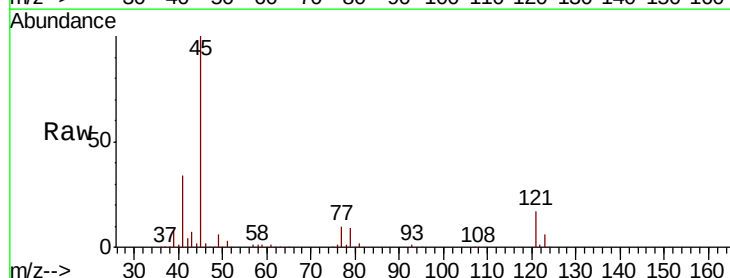
Tgt Ion: 45 Resp: 266803

Ion Ratio Lower Upper

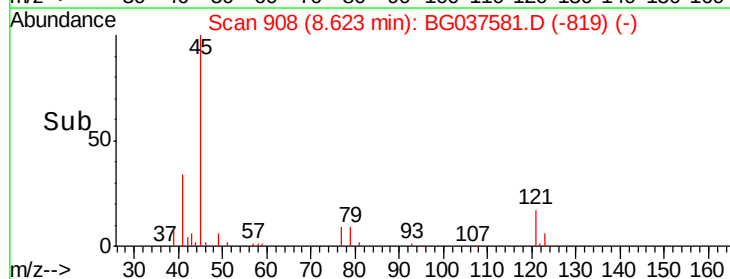
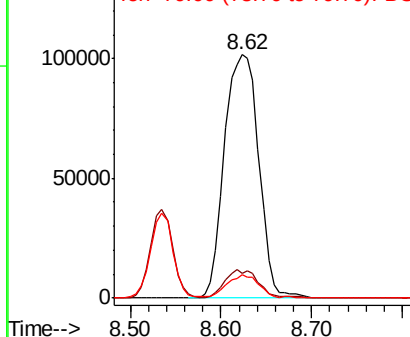
45 100

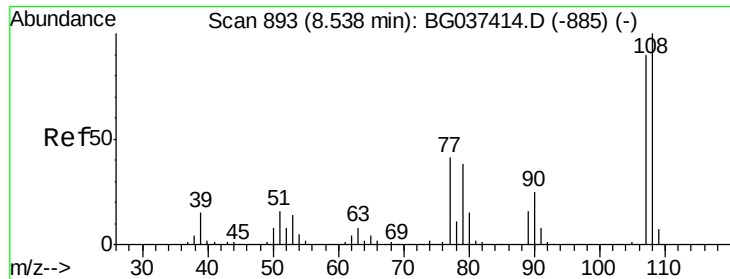
77 10.2 0.0 30.0

79 9.4 0.0 29.0



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

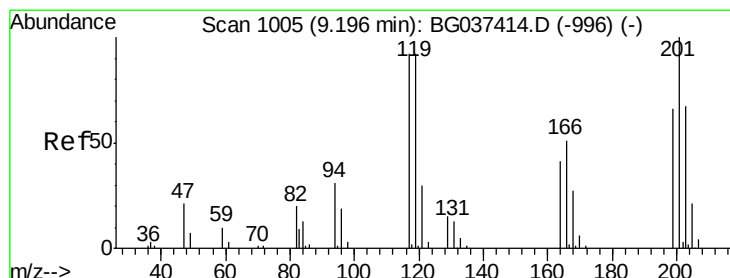
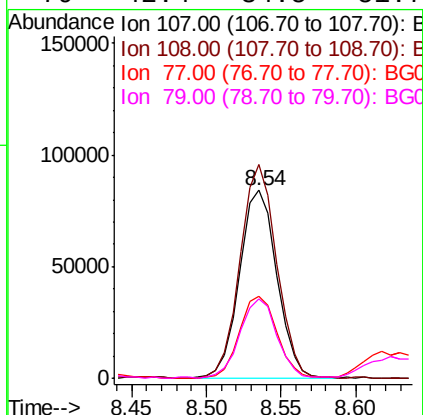
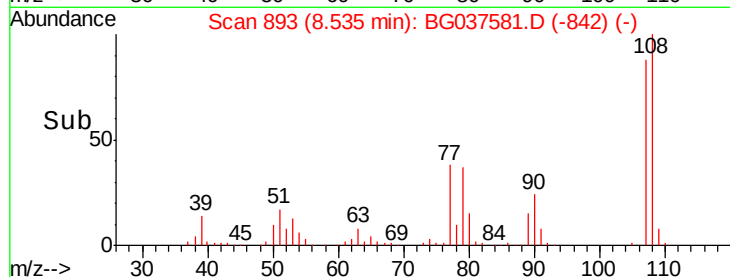
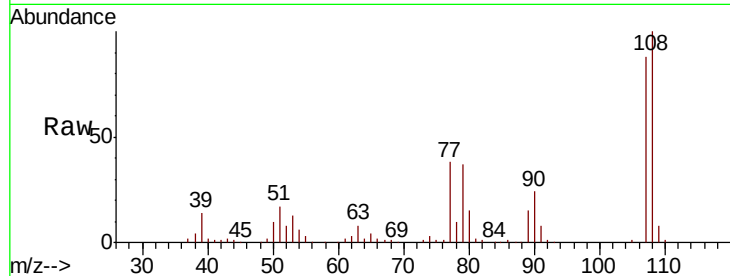




#17
2-Methylphenol
Concen: 46.588 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

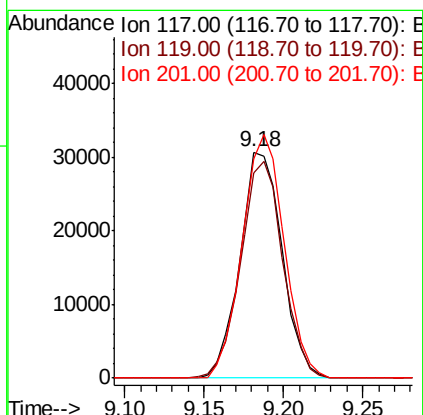
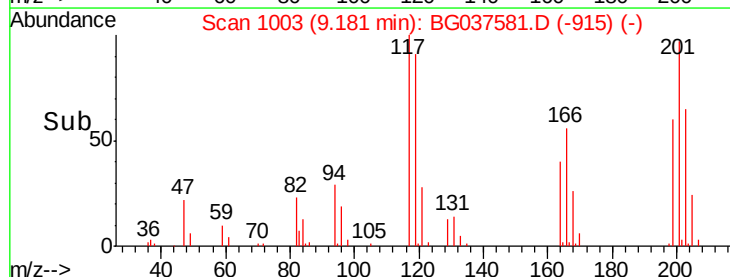
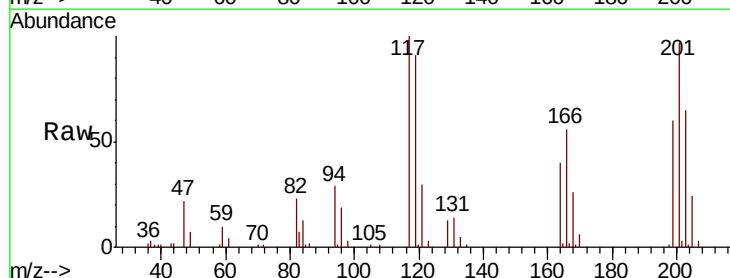
Instrument :
BNA_G
ClientSampleId :
PB114176BS

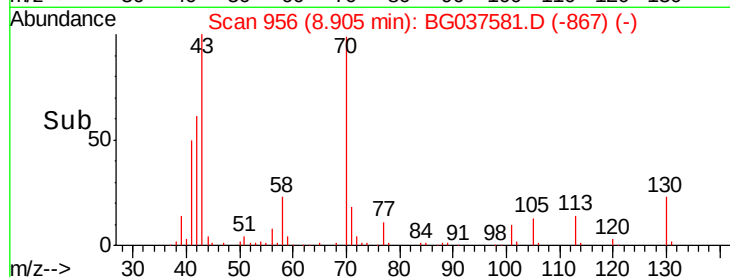
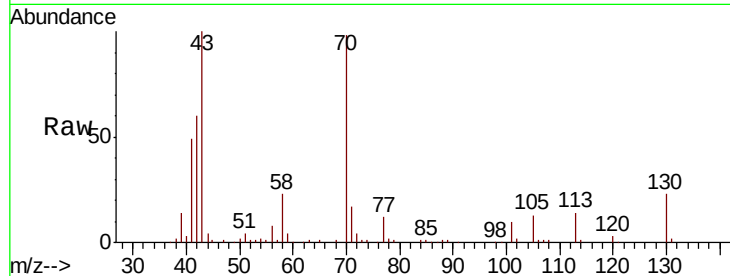
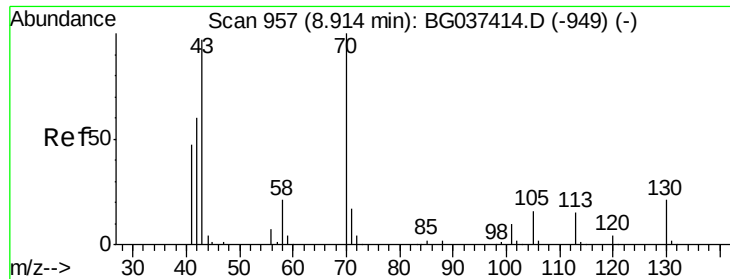
Tot Ion:	107	Resp:	146438
Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.9	131.9
77	43.7	35.1	52.7
79	42.4	34.5	51.7



#18
Hexachloroethane
Concen: 41.832 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:	117	Resp:	56616
Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.6	111.8
201	100.0	80.8	121.2

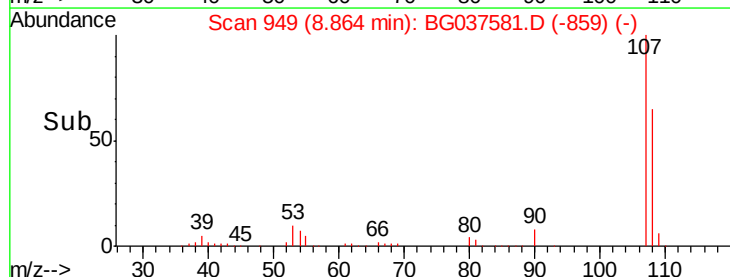
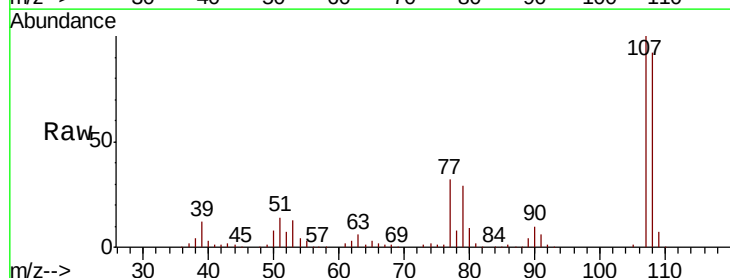
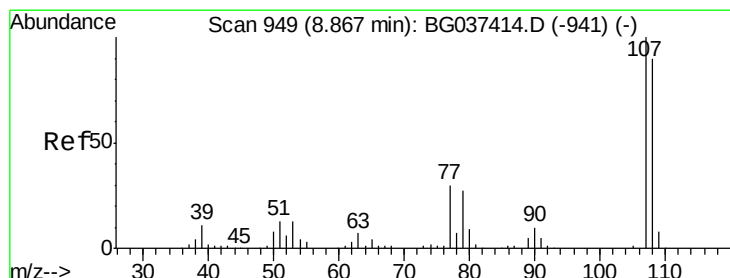
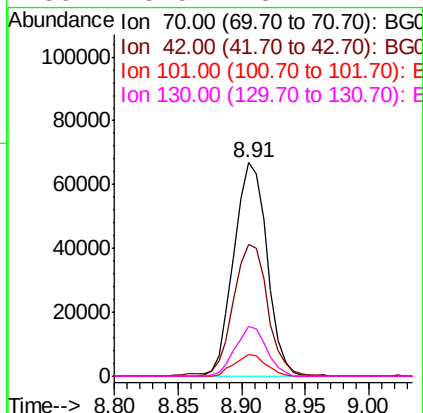




#19
n-Nitroso-di-n-propylamine
Concen: 39.188 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

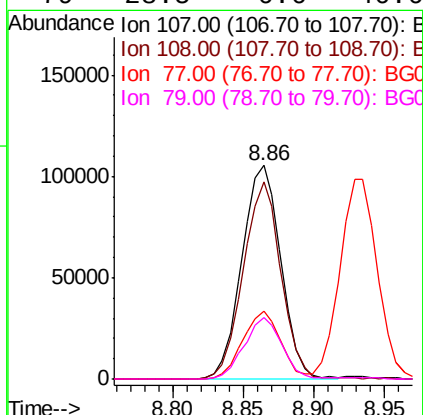
Instrument :
BNA_G
ClientSampleId :
PB114176BS

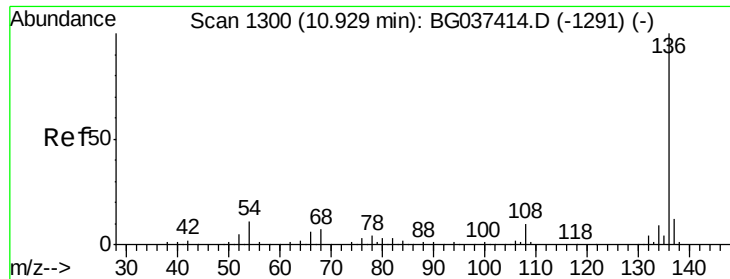
Tot Ion:	70	Resp:	121598
Ion	Ratio	Lower	Upper
70	100		
42	61.6	53.9	80.9
101	10.2	8.2	12.2
130	23.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.353 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:	107	Resp:	203816
Ion	Ratio	Lower	Upper
107	100		
108	92.3	69.9	109.9
77	31.8	11.2	51.2
79	28.5	6.6	46.6

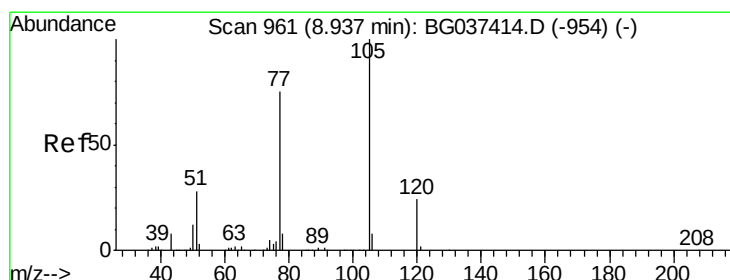
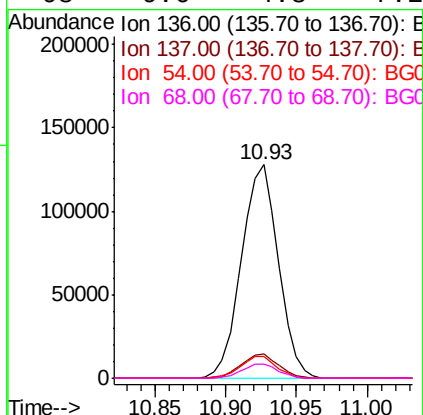
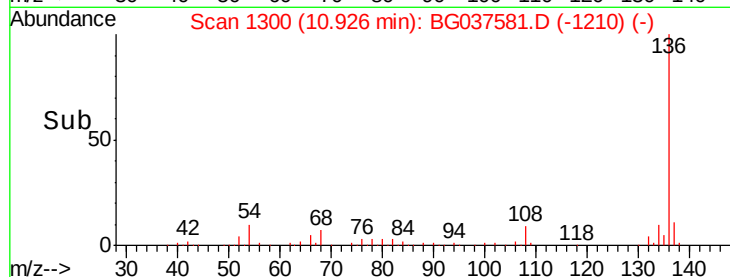
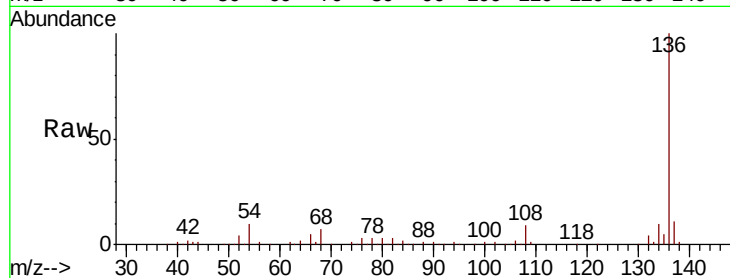




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

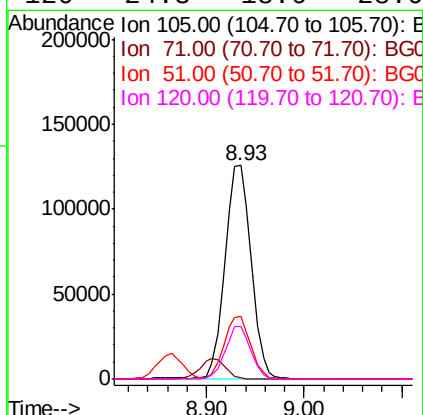
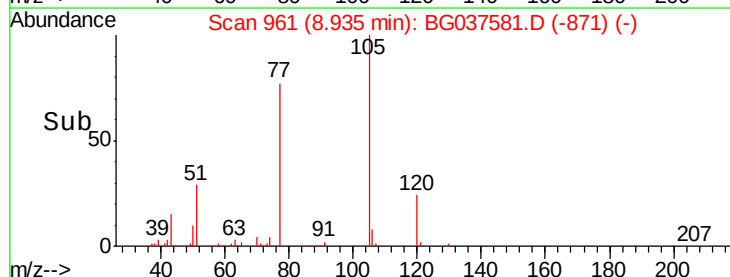
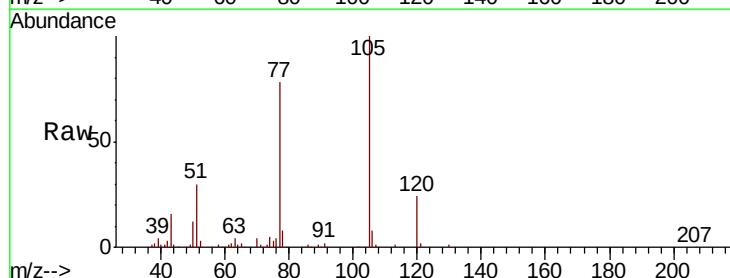
Instrument :
BNA_G
ClientSampleId :
PB114176BS

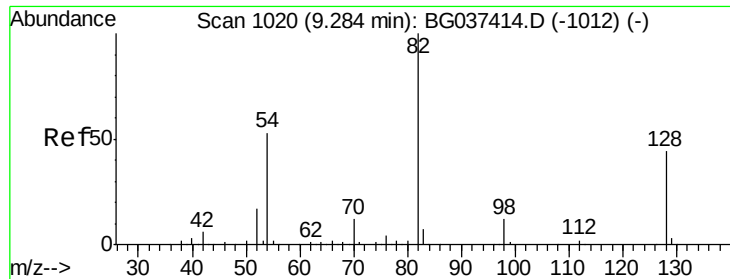
Tot Ion:136	Resp:	234340
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.6	14.4
54 10.3	7.9	11.9
68 6.6	4.8	7.2



#22
Acetophenone
Concen: 39.606 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt	Ion:105	Resp:	232769
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	29.6	25.0	37.6
120	24.3	18.6	28.0

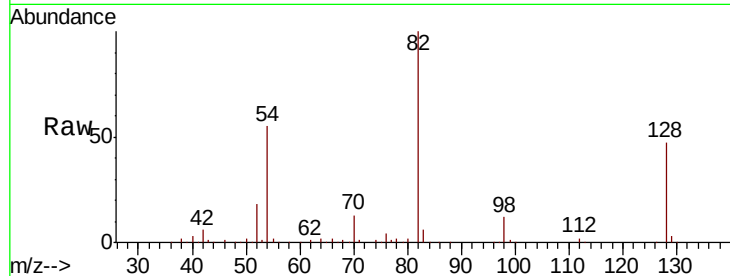




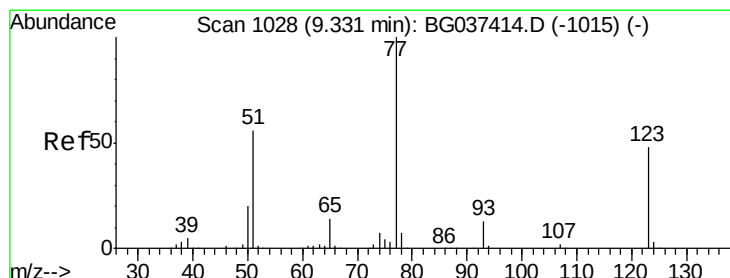
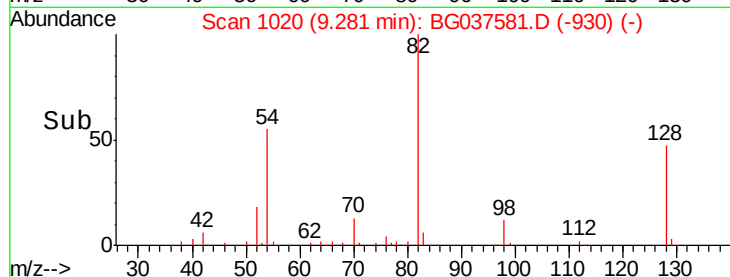
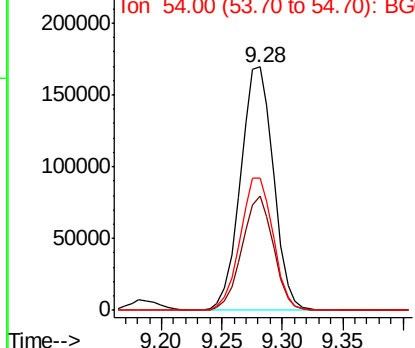
#23
 Nitrobenzene-d5
 Concen: 76.970 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Instrument :
 BNA_G
 ClientSampleID :
 PB114176BS

Tot Ion: 82 Resp: 321984
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.6 51.8
 54 54.6 45.3 67.9

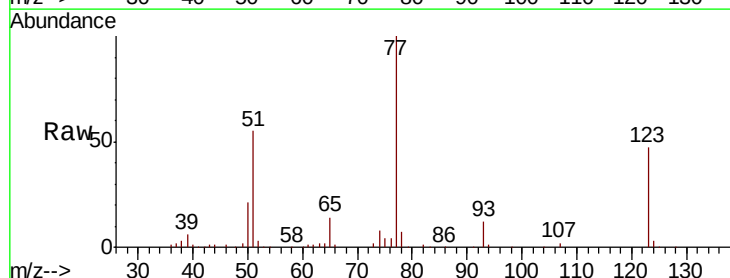


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

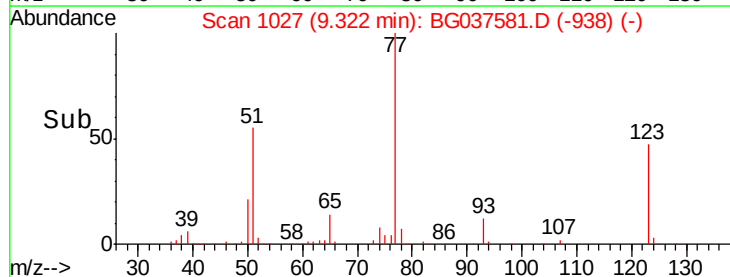
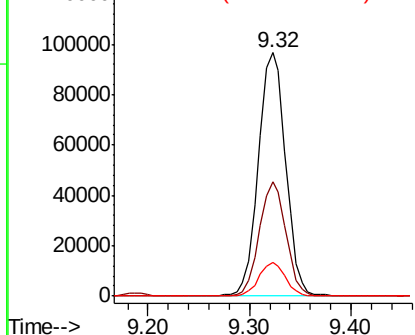


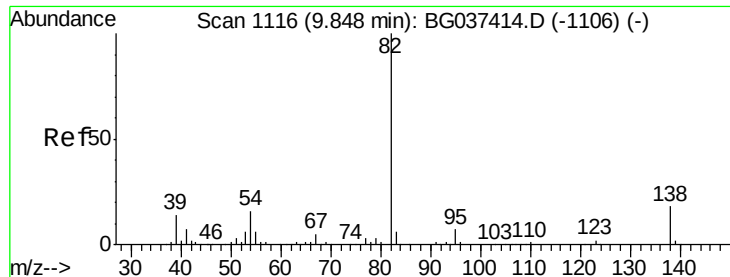
#24
 Nitrobenzene
 Concen: 41.525 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion: 77 Resp: 180456
 Ion Ratio Lower Upper
 77 100
 123 47.2 33.6 50.4
 65 13.7 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.911 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

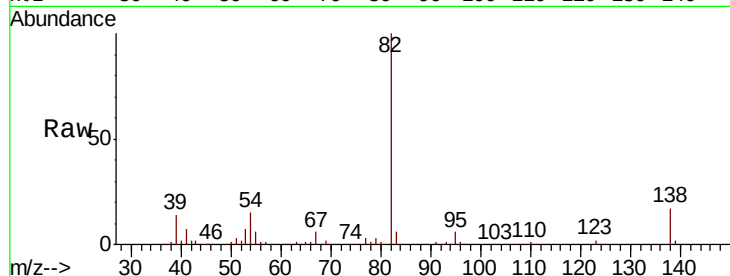
Tot Ion: 82 Resp: 350916

Ion Ratio Lower Upper

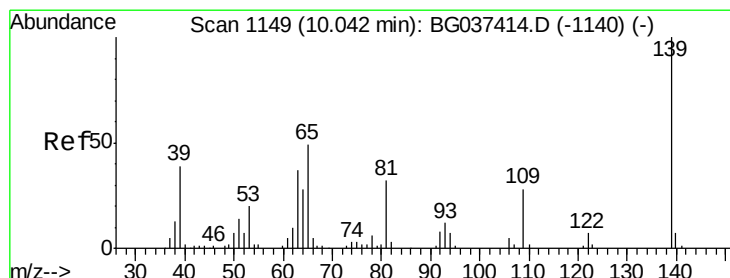
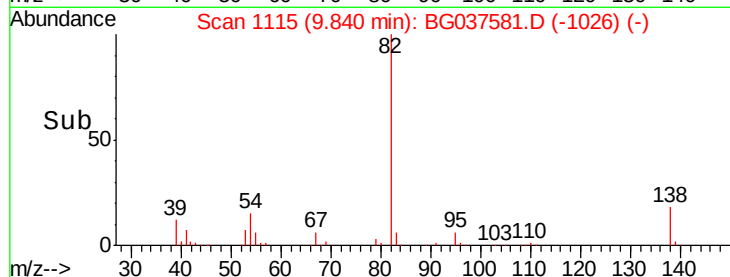
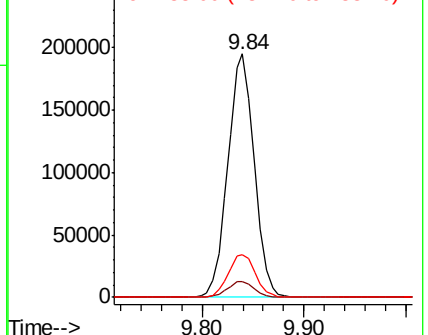
82 100

95 6.4 5.3 7.9

138 17.4 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: 45.466 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

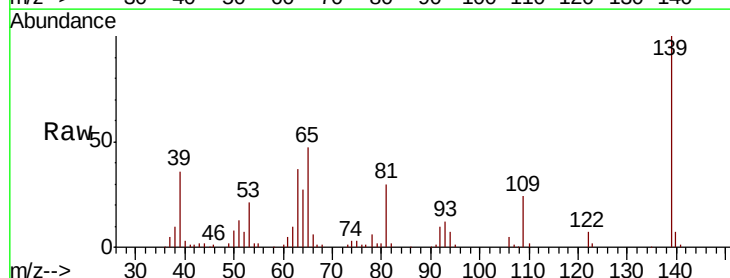
Tgt Ion: 139 Resp: 89009

Ion Ratio Lower Upper

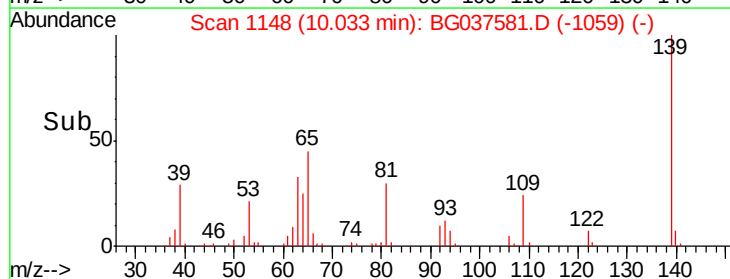
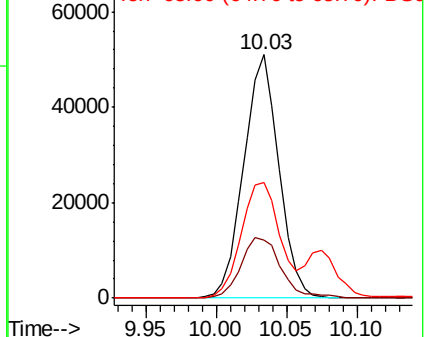
139 100

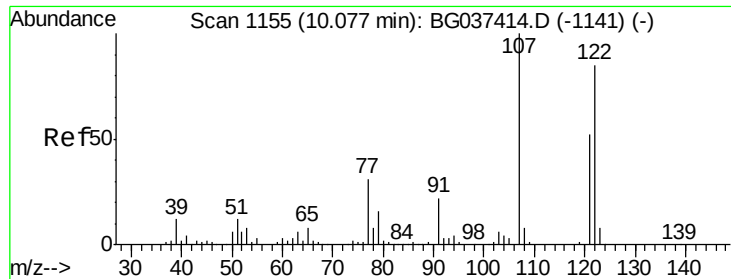
109 23.7 23.3 34.9

65 47.4 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

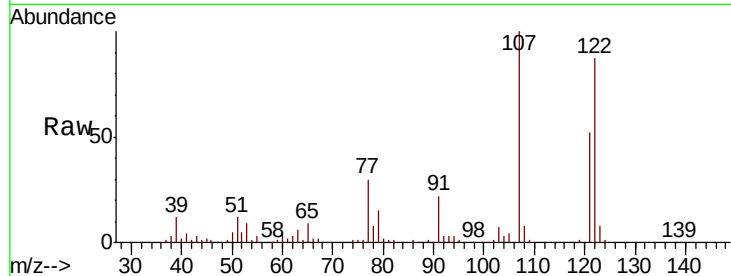




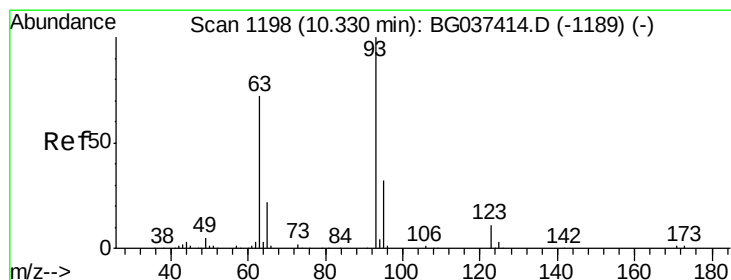
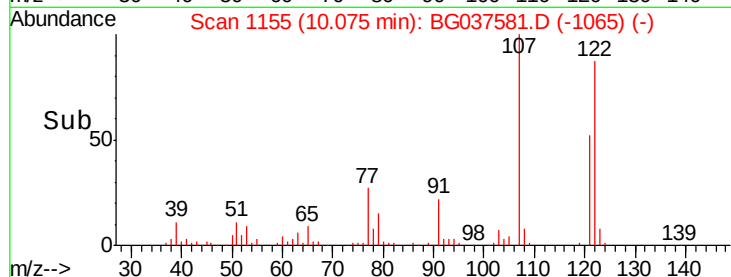
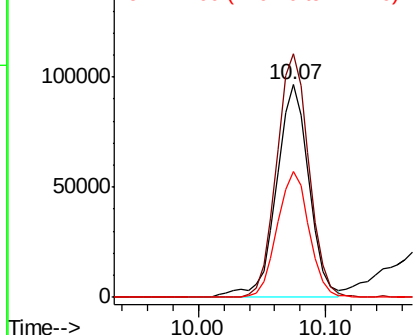
#27
 2,4-Dimethylphenol
 Concen: 49.569 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Instrument :
 BNA_G
 ClientSampled :
 PB114176BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	94.2	141.2
121	59.4	47.3	70.9

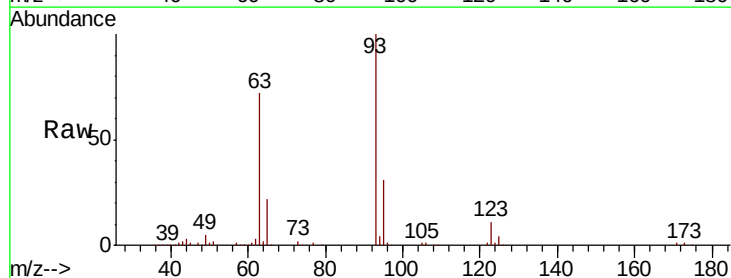


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 100000 Ion 121.00 (120.70 to 121.70): E

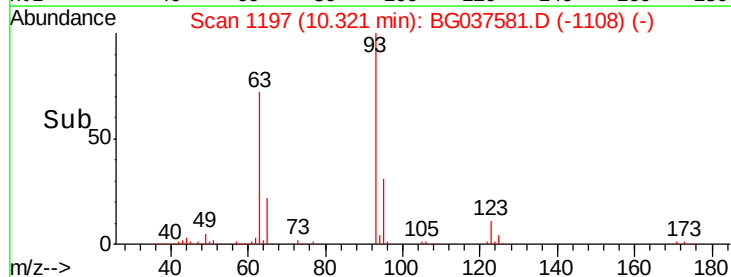
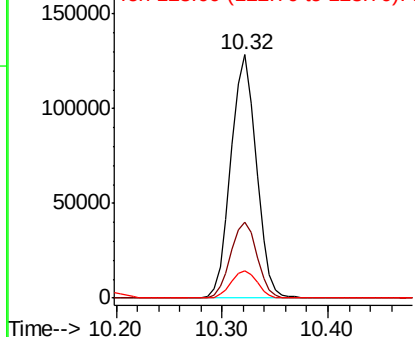


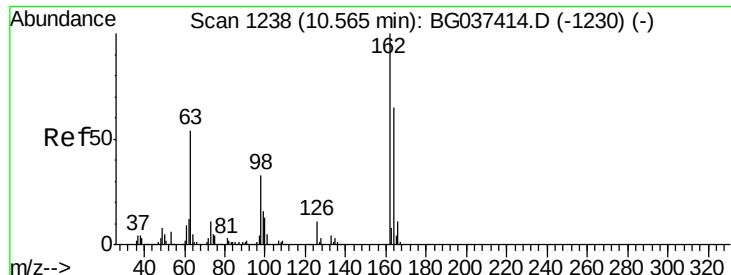
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.645 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.6	37.0
123	11.4	9.1	13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 150000 Ion 95.00 (94.70 to 95.70): BGC
 100000 Ion 123.00 (122.70 to 123.70): E

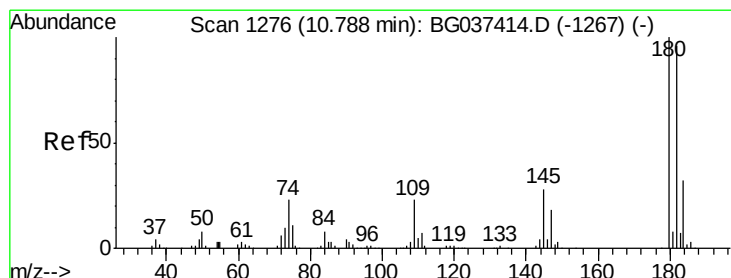
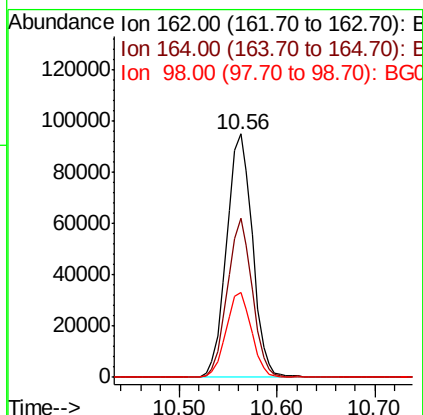
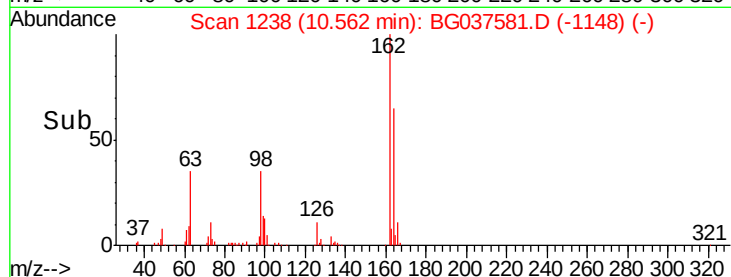
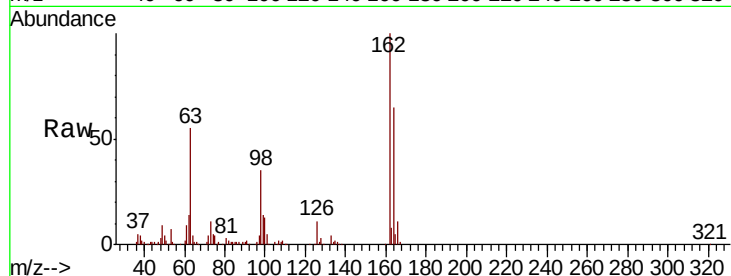




#29
2,4-Dichlorophenol
Concen: 44.786 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

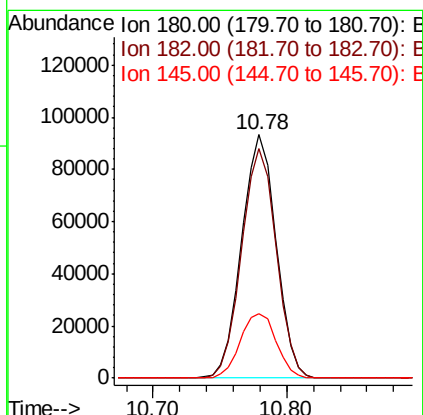
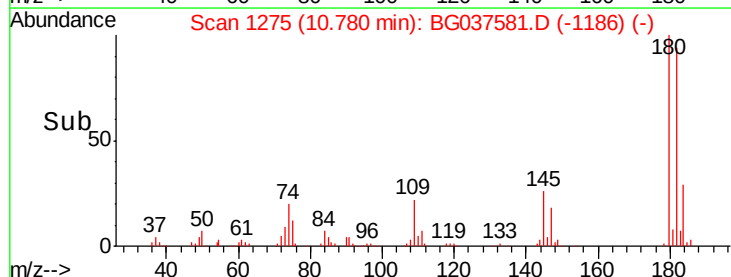
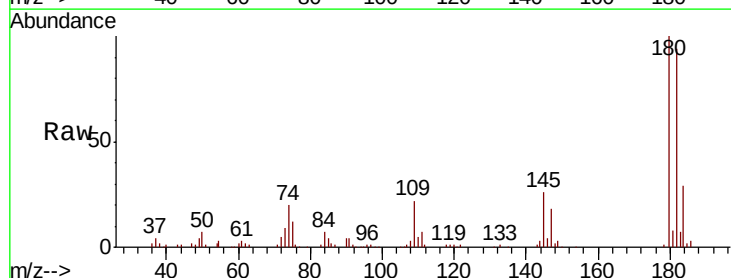
Instrument :
BNA_G
ClientSampleId :
PB114176BS

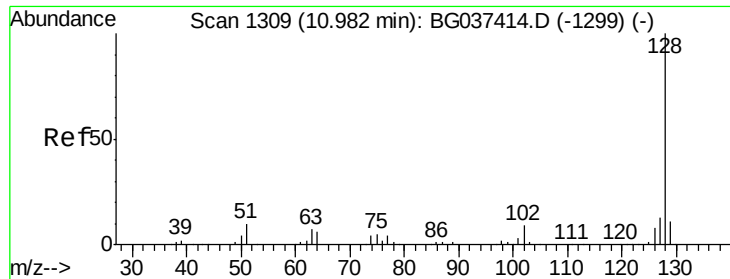
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.2	83.2
98	34.9	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 39.281 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	26.3	23.3	34.9

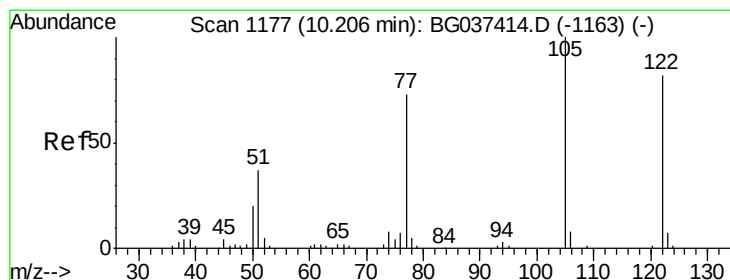
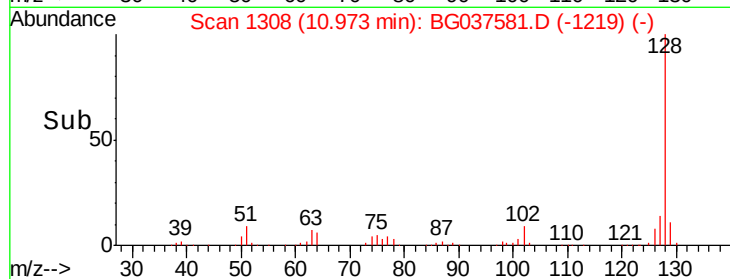
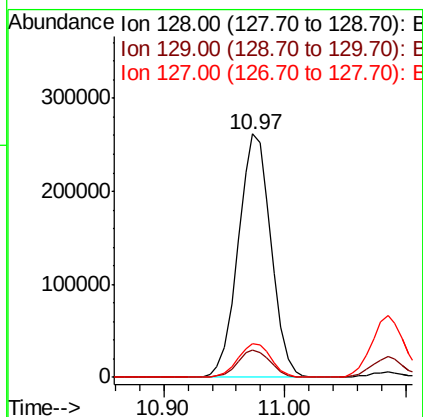
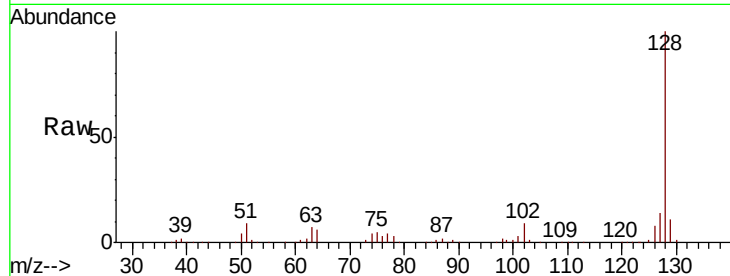




#31
Naphthalene
Concen: 42.771 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

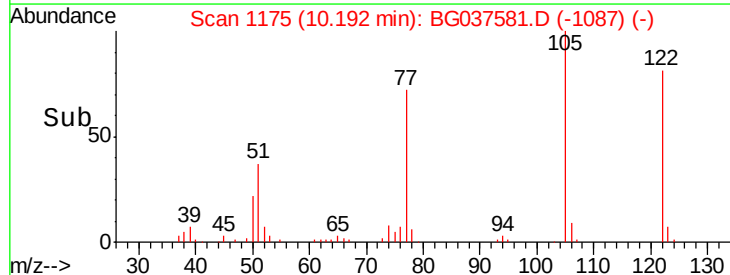
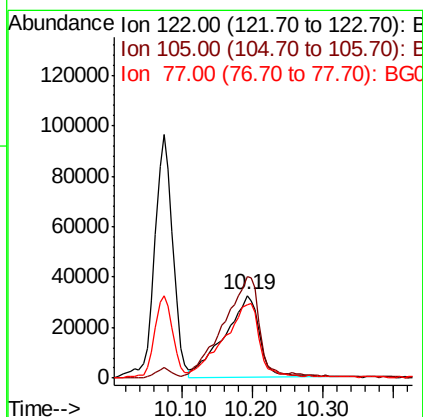
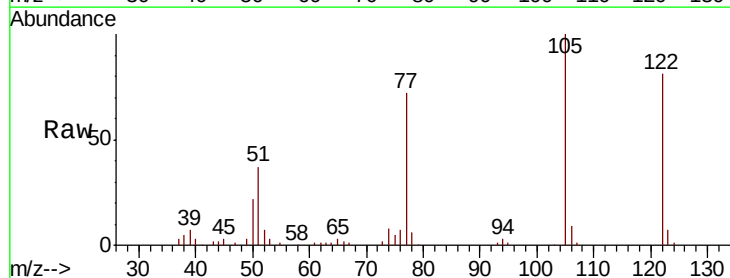
Instrument :
BNA_G
ClientSampleId :
PB114176BS

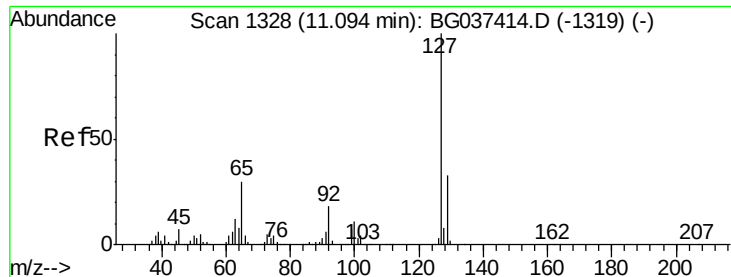
Tot Ion:128 Resp: 492305
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 49.103 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:122 Resp: 111481
Ion Ratio Lower Upper
122 100
105 122.8 106.7 146.7
77 88.1 72.2 112.2

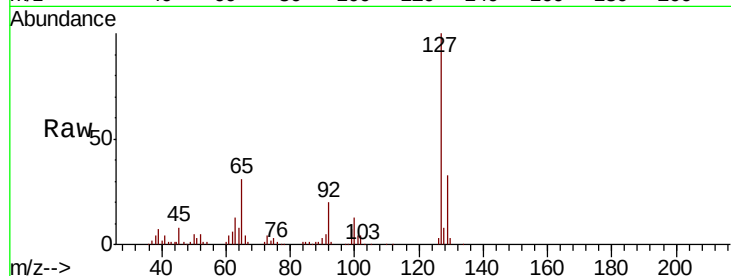




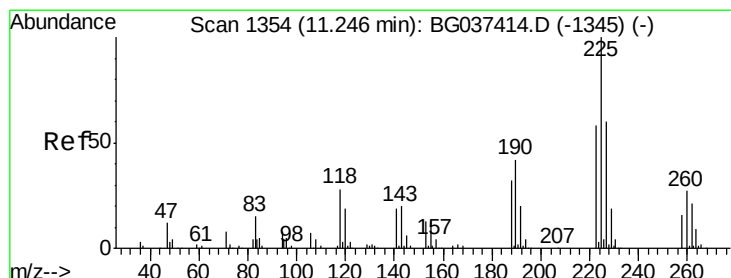
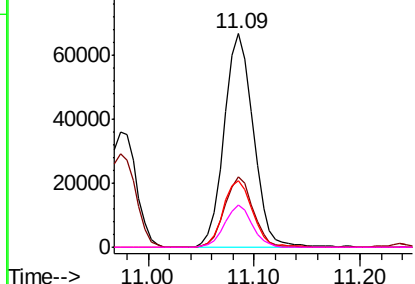
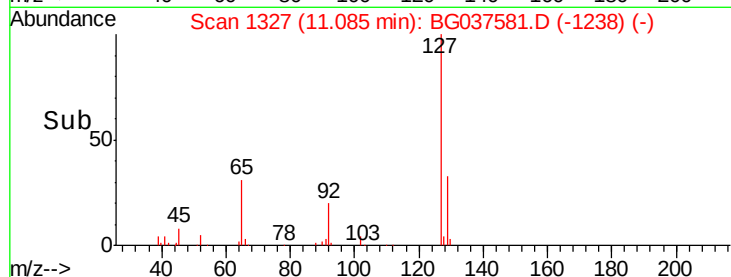
#33
4-Chloroaniline
Concen: 23.568 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion:	127	Resp:	127460
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.1	40.7
65	31.3	26.6	39.8
92	20.0	16.4	24.6

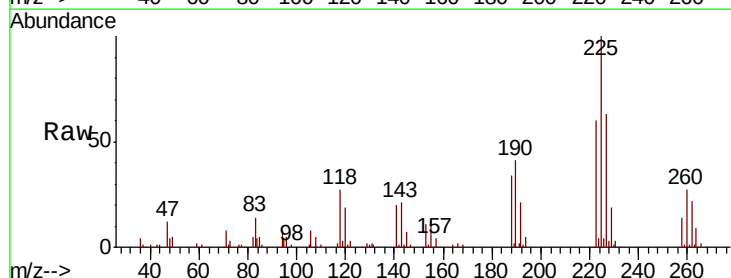


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

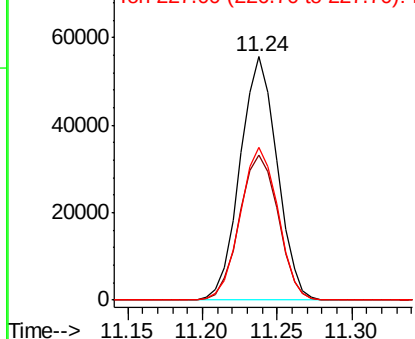
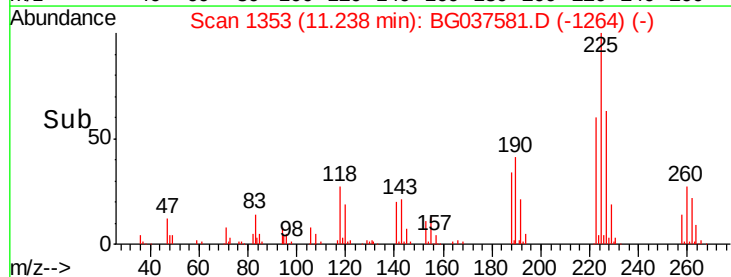


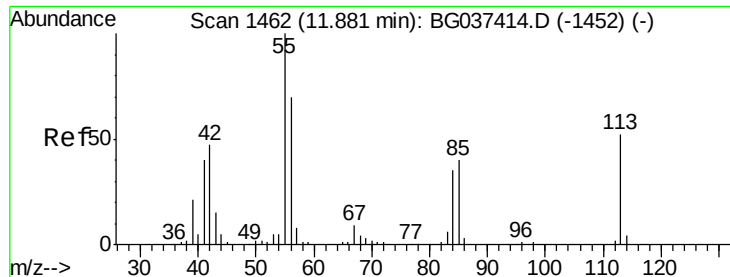
#34
Hexachlorobutadiene
Concen: 38.253 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:	225	Resp:	95954
Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.2	72.4
227	66.1	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

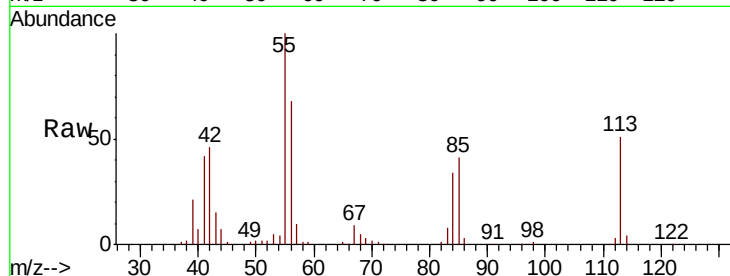




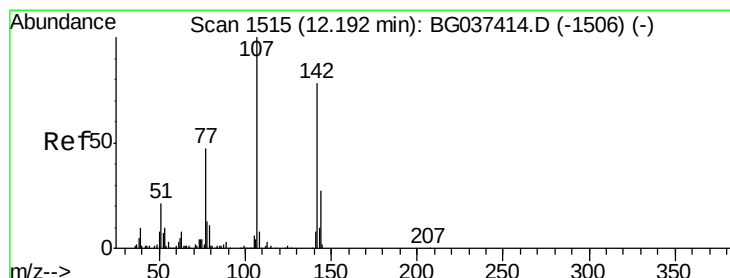
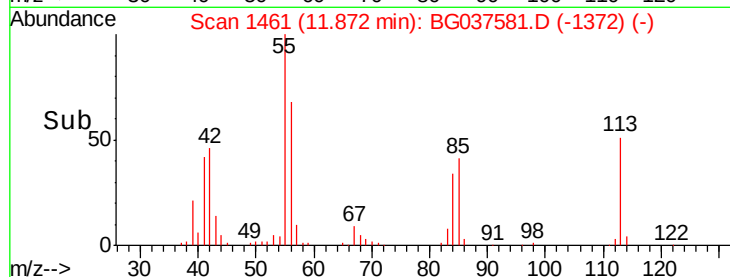
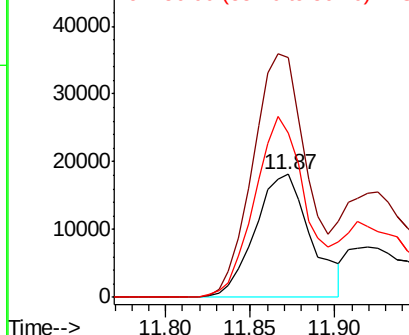
#35
 Caprolactam
 Concen: 26.465 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

Tot Ion:113 Resp: 41309
 Ion Ratio Lower Upper
 113 100
 55 195.8 176.6 216.6
 56 134.0 128.3 168.3

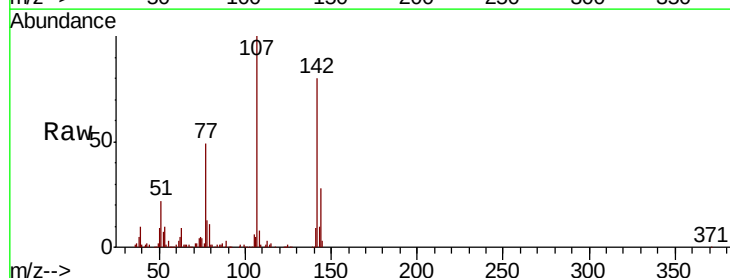


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

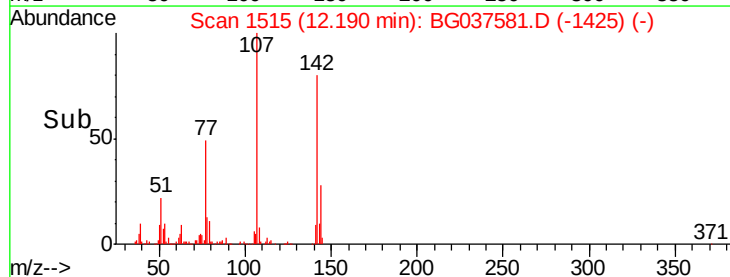
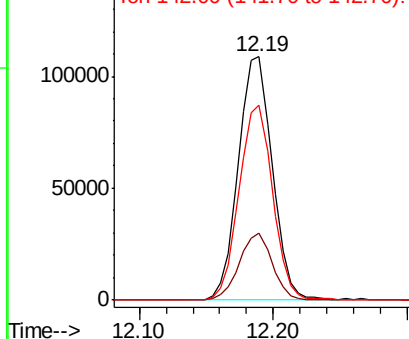


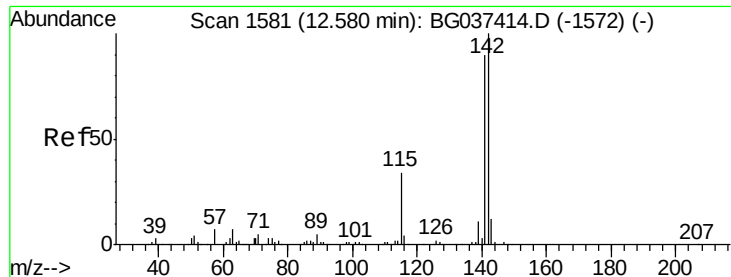
#36
 4-Chloro-3-methylphenol
 Concen: 43.641 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion:107 Resp: 191545
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.7 31.1
 142 80.1 64.4 96.6



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

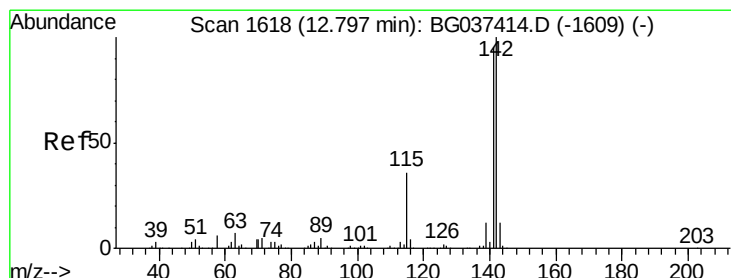
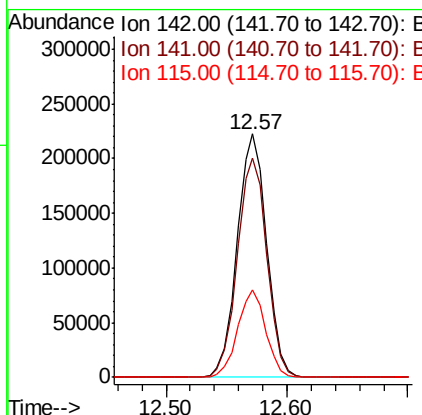
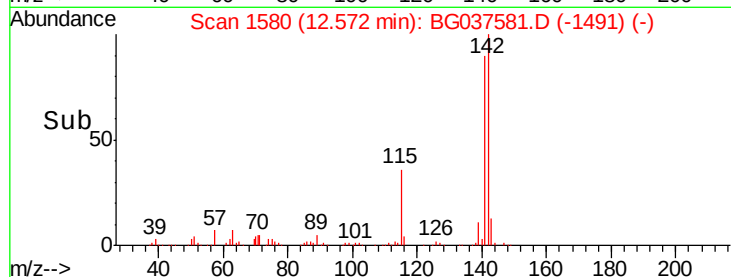
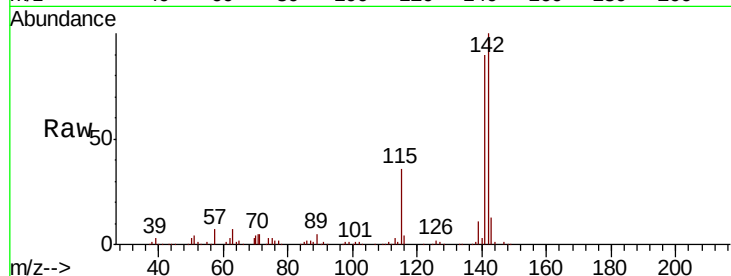




#37
2-Methylnaphthalene
Concen: 44.882 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

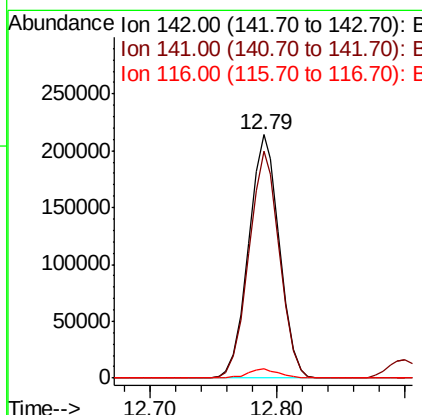
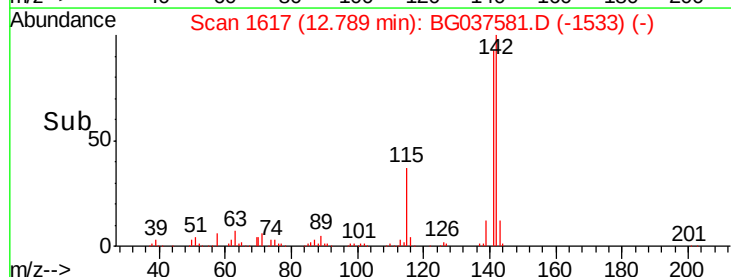
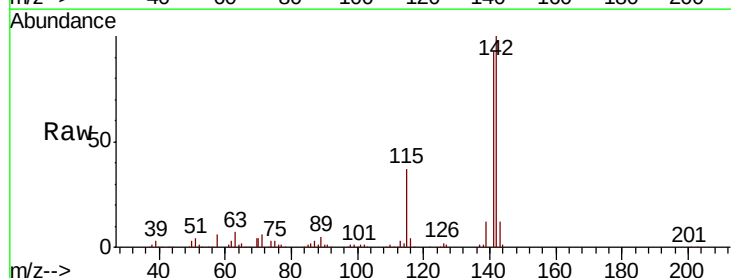
Instrument :
BNA_G
ClientSampleId :
PB114176BS

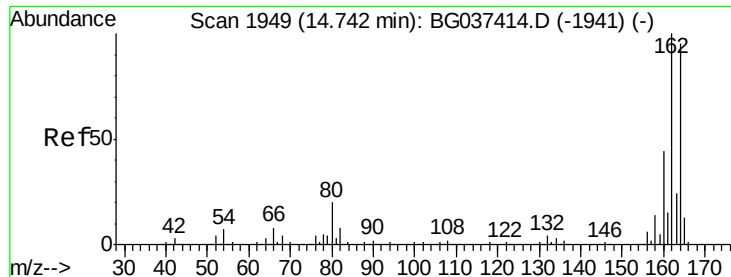
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	35.8	27.8	41.8



#38
1-Methylnaphthalene
Concen: 44.227 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

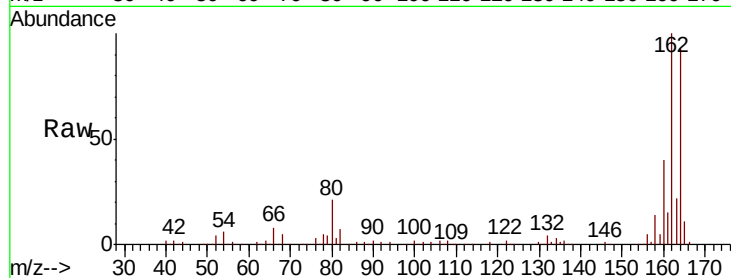
Tot Ion:164 Resp: 159262

Ion Ratio Lower Upper

164 100

162 107.8 81.3 121.9

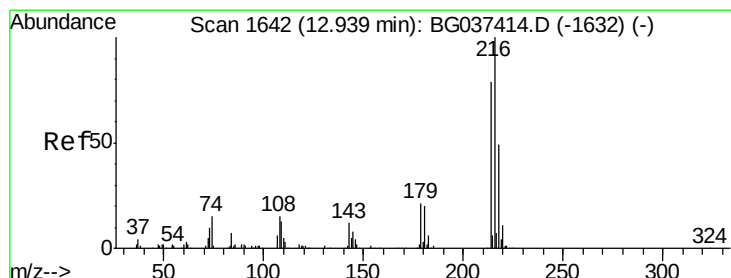
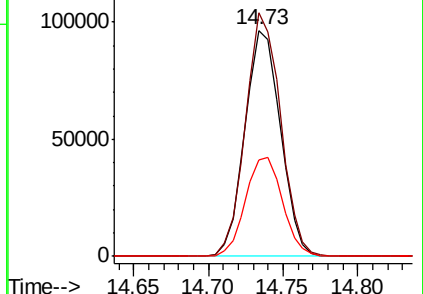
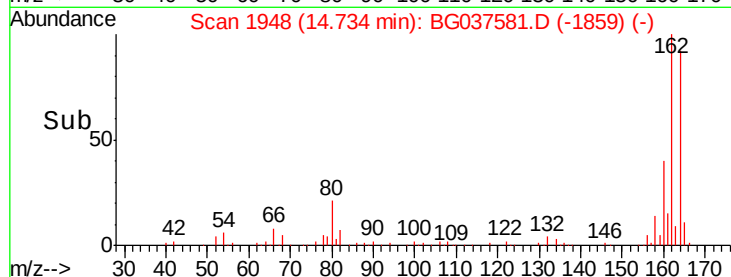
160 42.9 36.3 54.5



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: 36.942 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Tgt Ion:216 Resp: 189775

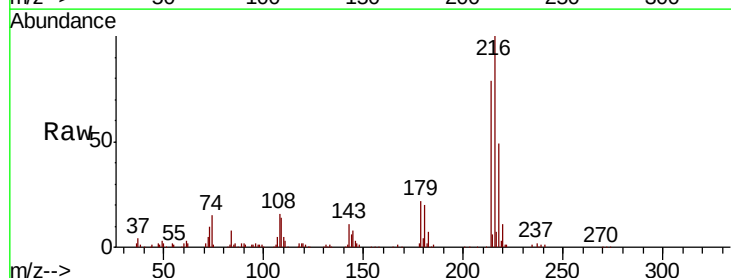
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 21.0 17.4 26.0

108 19.1 13.9 20.9

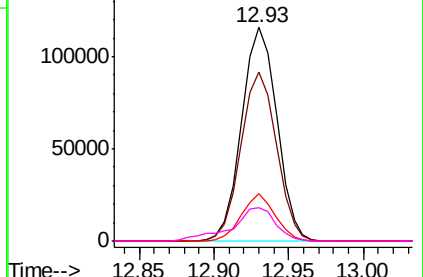
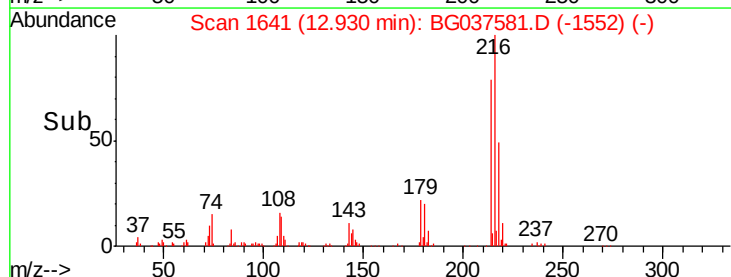


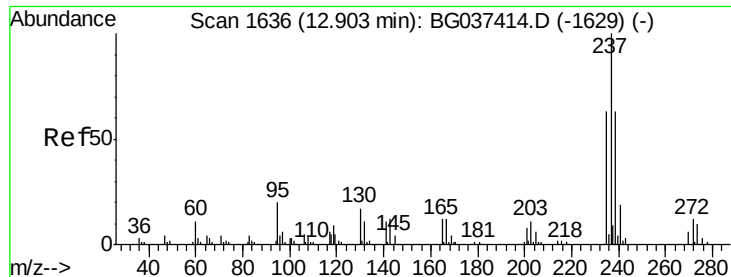
Abundance Ion 216.00 (215.70 to 216.70): E

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

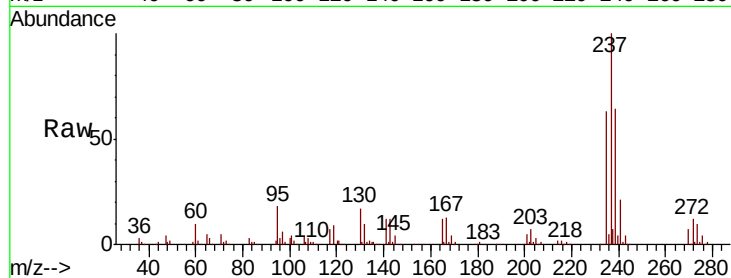




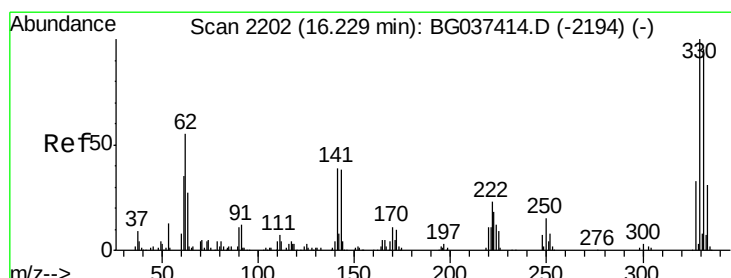
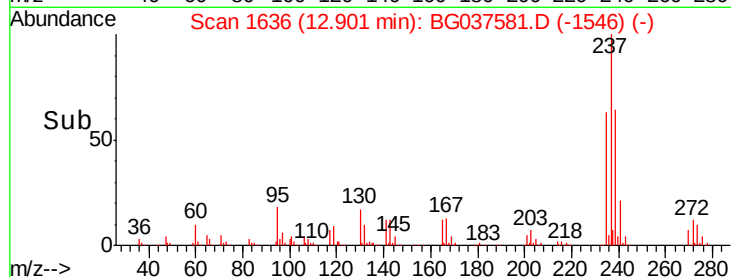
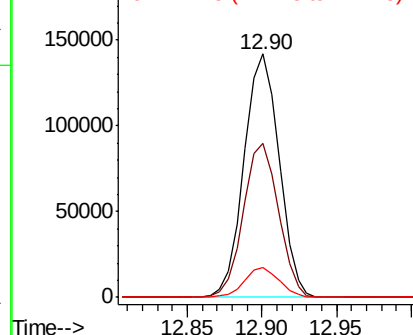
#41
Hexachlorocyclopentadiene
Concen: 94.207 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.5	82.5
272	12.3	0.0	31.6

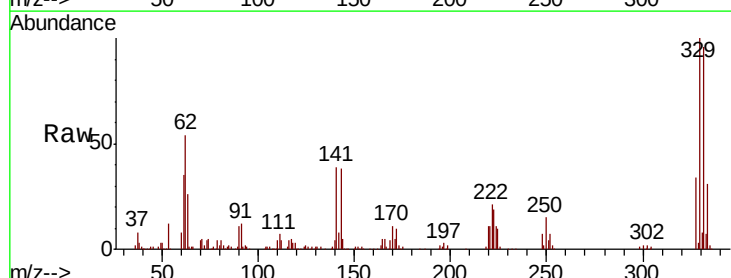


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

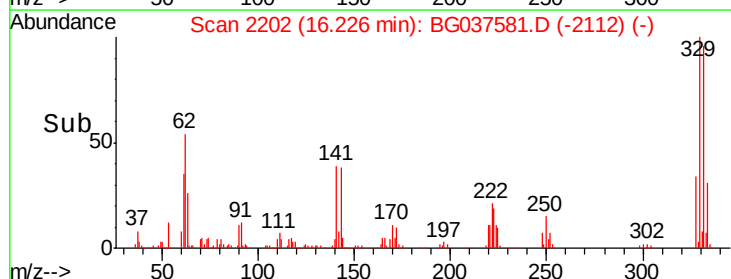
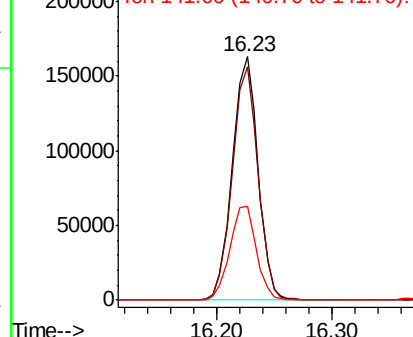


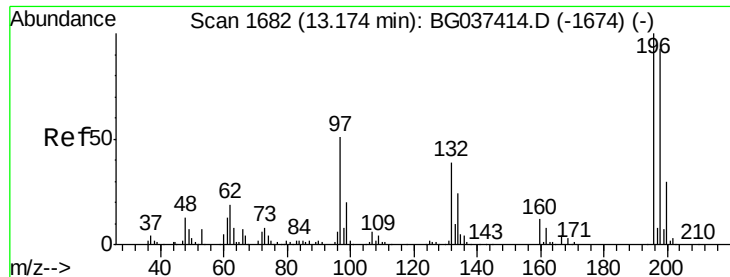
#42
2,4,6-Tribromophenol
Concen: 144.761 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.7	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

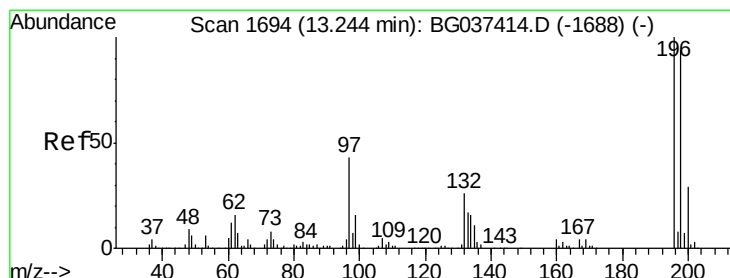
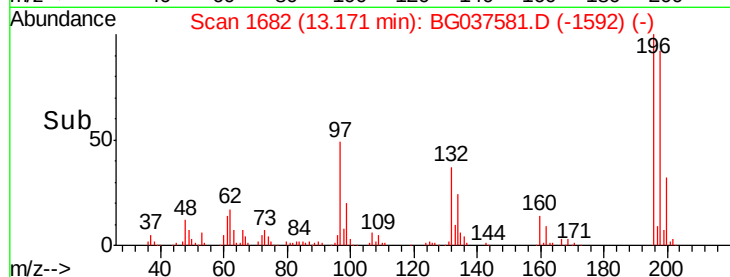
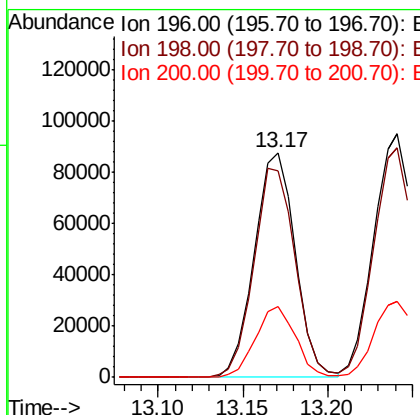
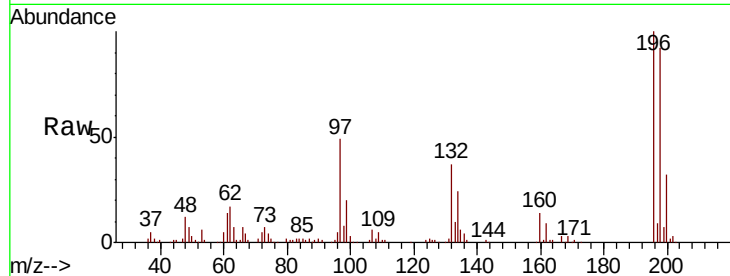




#43
 2,4,6-Trichlorophenol
 Concen: 43.055 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

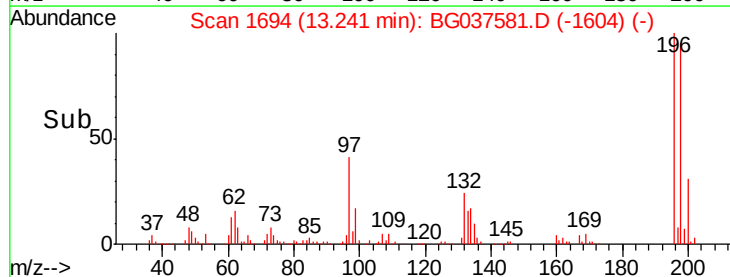
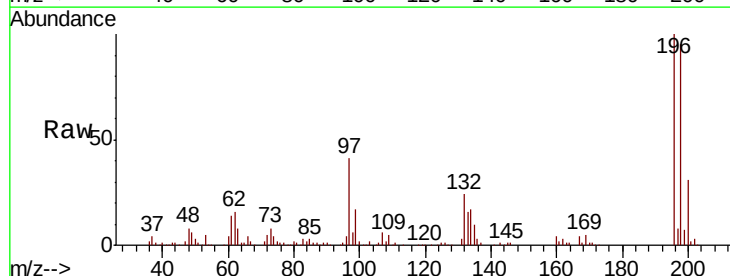
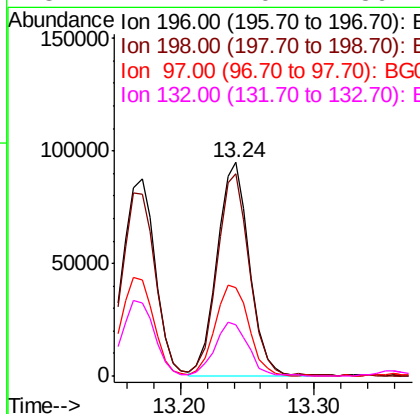
Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

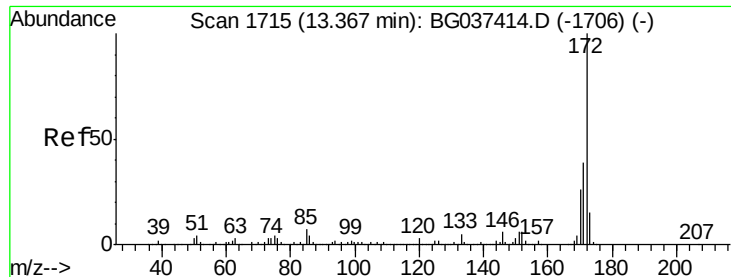
Tot Ion:196 Resp: 147764
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.4 114.6
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.130 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion:196 Resp: 161163
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.2
 97 41.3 34.1 51.1
 132 24.1 20.2 30.4

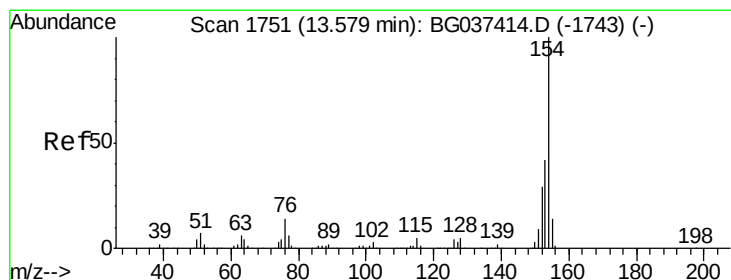
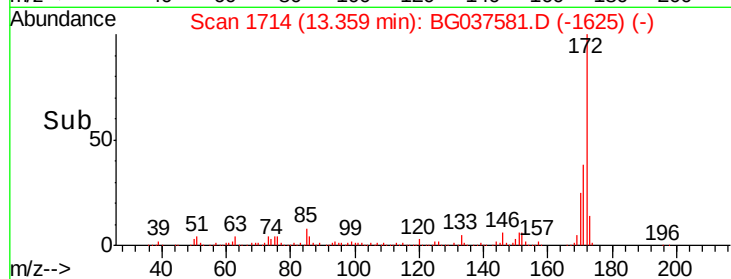
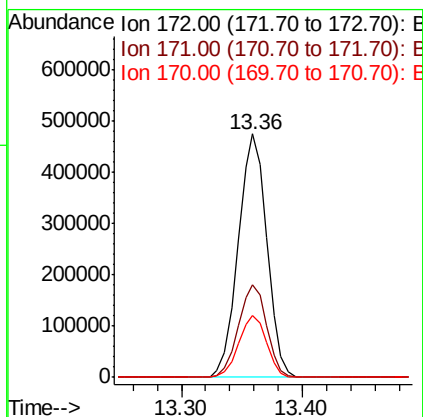
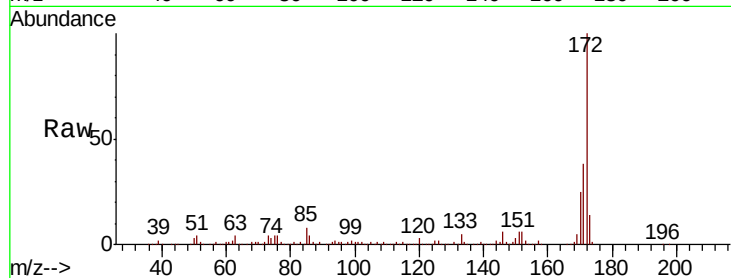




#45
2-Fluorobiphenyl
Concen: 73.944 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

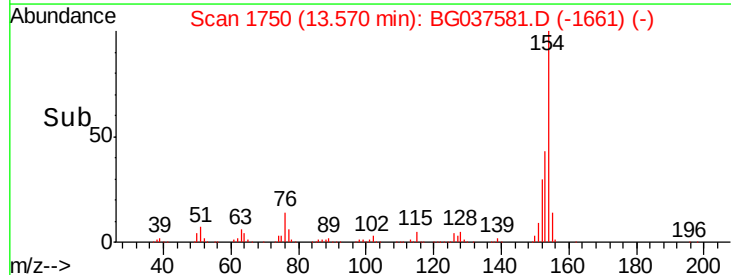
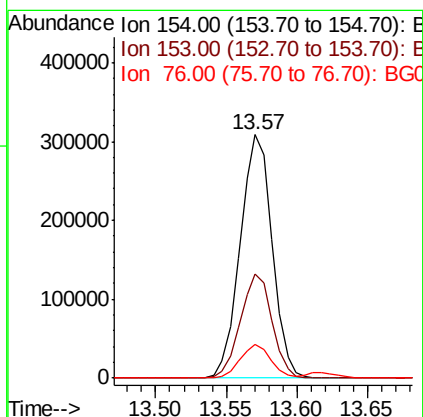
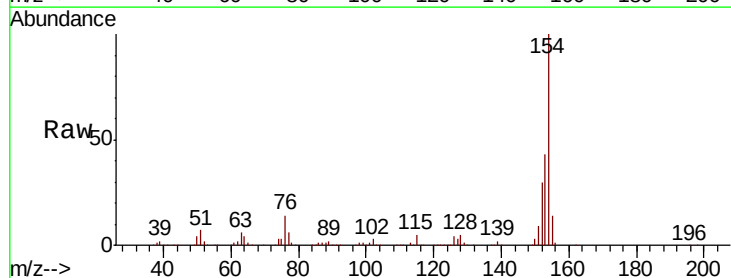
Instrument :
BNA_G
ClientSampleId :
PB114176BS

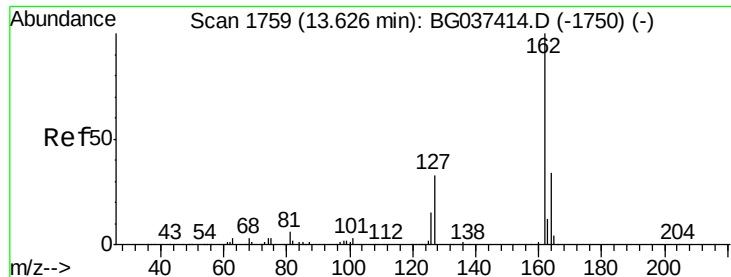
Tot Ion:172 Resp: 780962
Ion Ratio Lower Upper
172 100
171 38.0 31.0 46.4
170 25.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.021 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:154 Resp: 488299
Ion Ratio Lower Upper
154 100
153 42.9 22.1 62.1
76 13.8 0.0 33.2

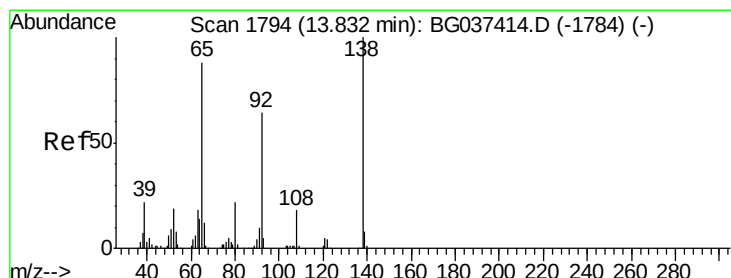
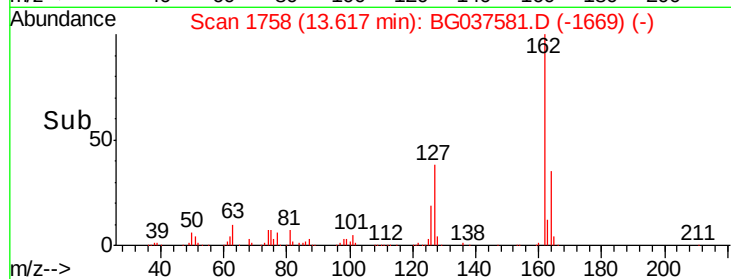
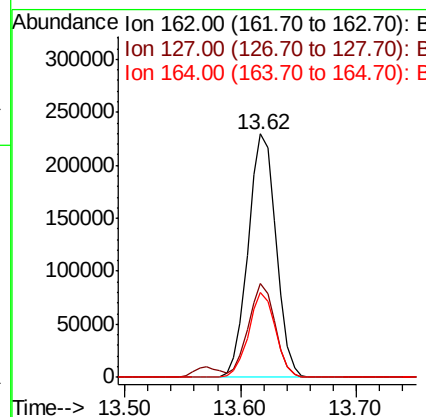
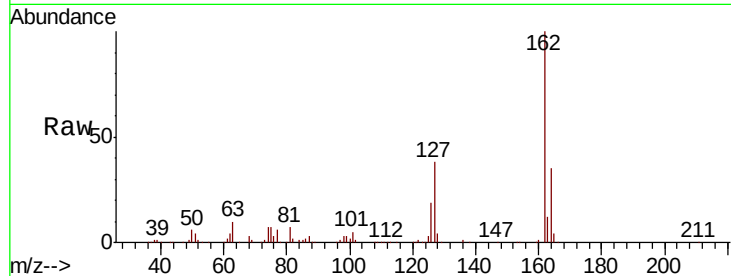




#47
2-Chloronaphthalene
Concen: 38.751 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

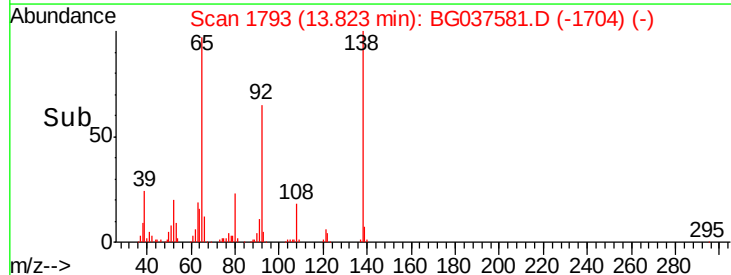
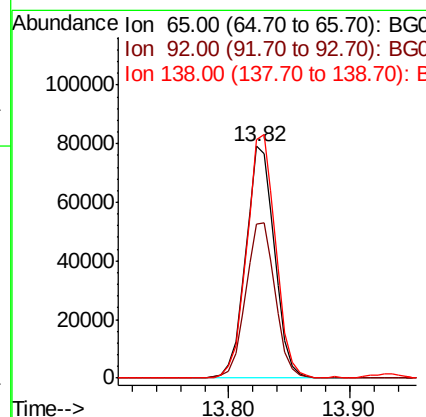
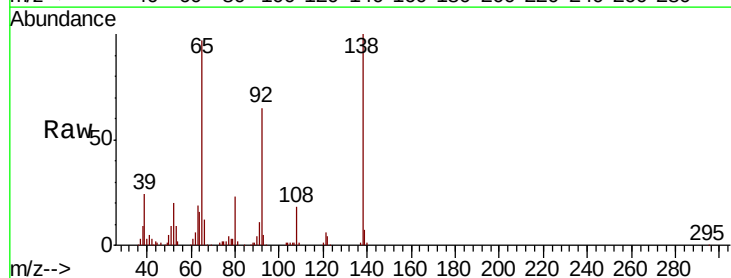
Instrument :
BNA_G
ClientSampleId :
PB114176BS

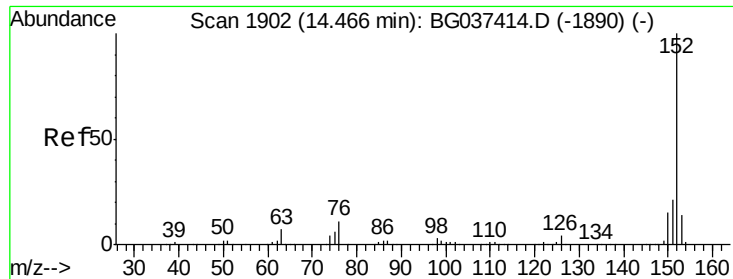
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	35.1	26.4	39.6



#48
2-Nitroaniline
Concen: 43.359 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.2	79.8
138	102.9	79.3	118.9





#49

Acenaphthylene

Concen: 43.401 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

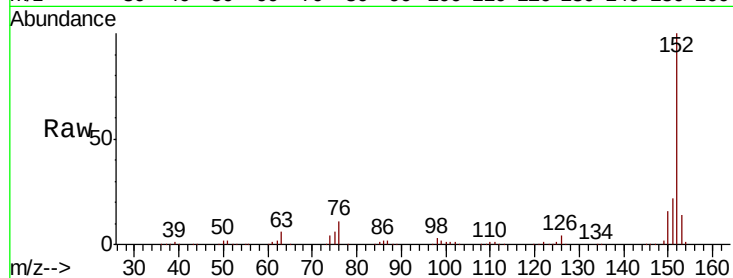
Tot Ion:152 Resp: 651469

Ion Ratio Lower Upper

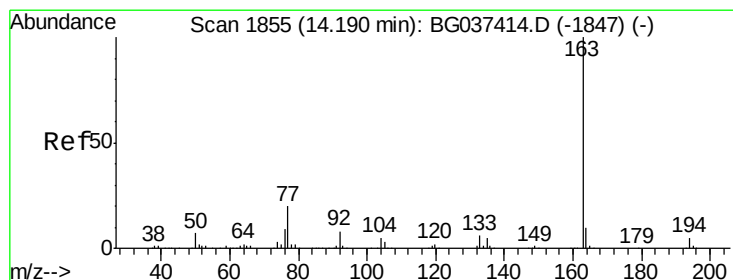
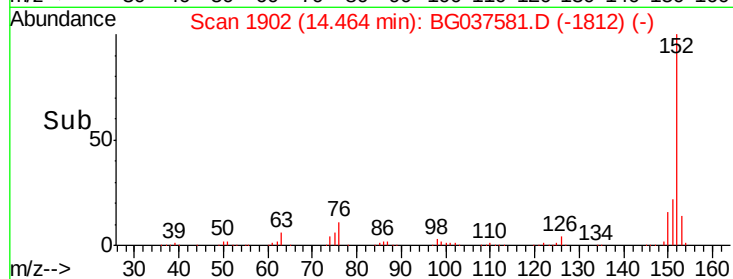
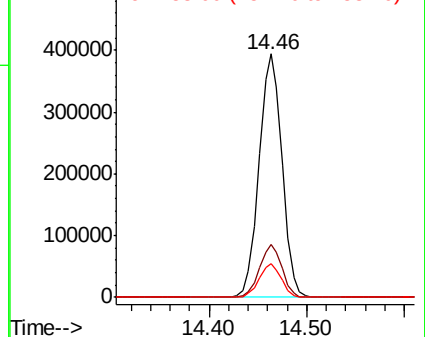
152 100

151 21.7 17.1 25.7

153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.943 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

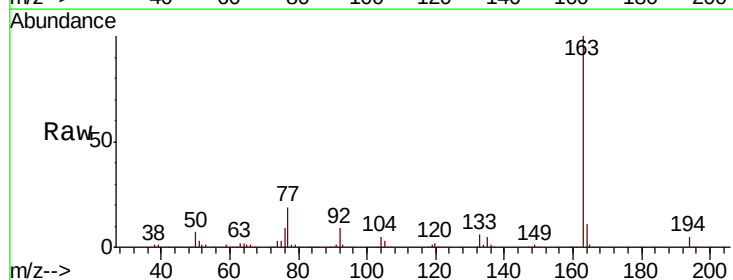
Tgt Ion:163 Resp: 516771

Ion Ratio Lower Upper

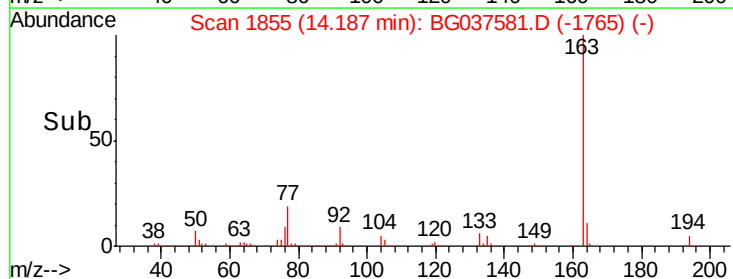
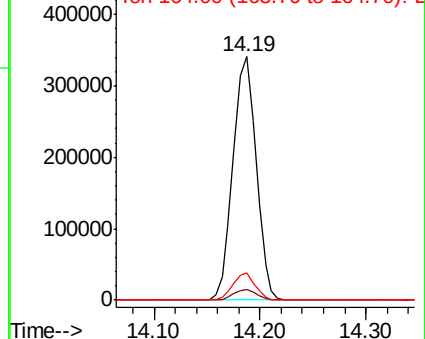
163 100

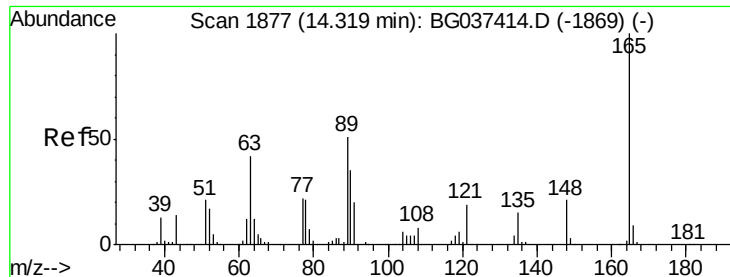
194 4.6 3.5 5.3

164 11.3 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

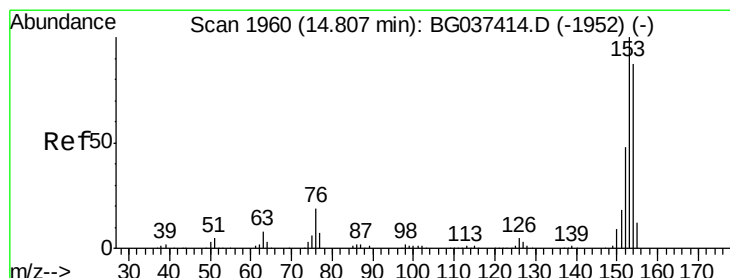
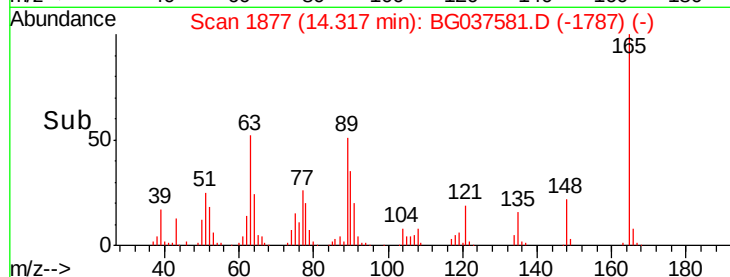
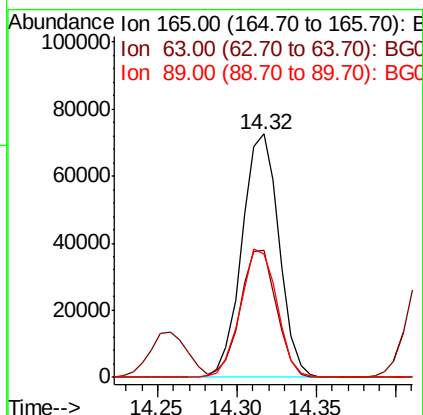
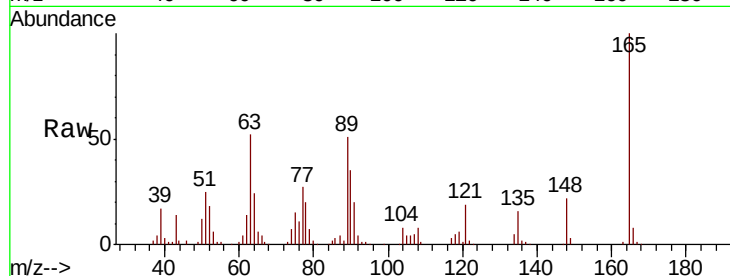




#51
 2,6-Dinitrotoluene
 Concen: 43.089 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

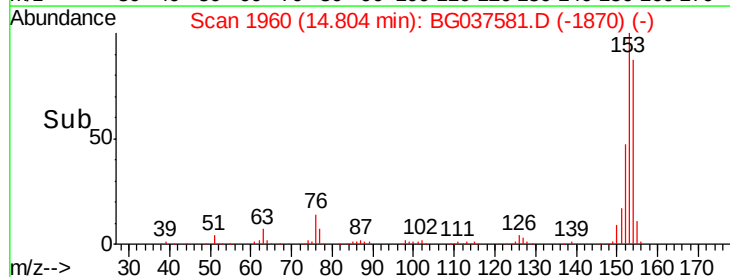
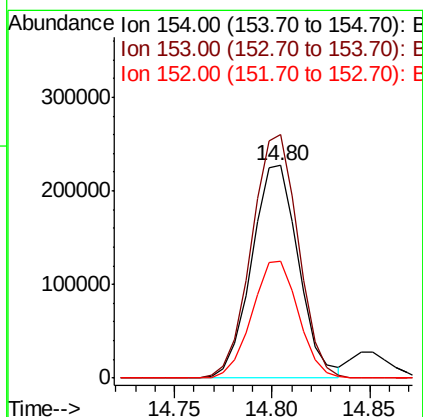
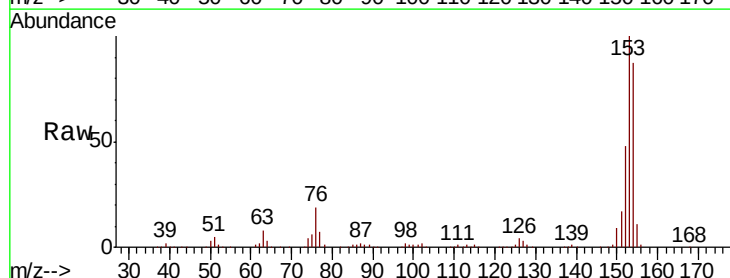
Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

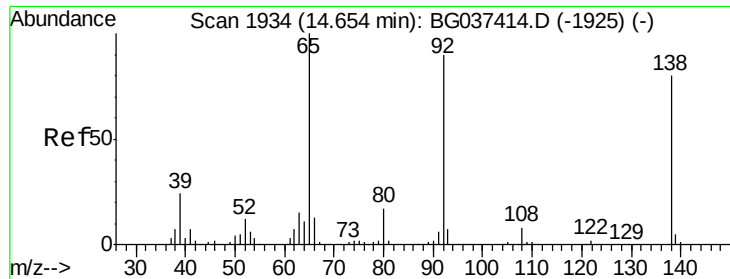
Tot Ion:165 Resp: 117443
 Ion Ratio Lower Upper
 165 100
 63 52.4 43.4 65.2
 89 50.8 45.8 68.6



#52
 Acenaphthene
 Concen: 40.994 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion:154 Resp: 378963
 Ion Ratio Lower Upper
 154 100
 153 114.6 93.4 140.0
 152 54.8 44.7 67.1





#53

3-Nitroaniline

Concen: 31.479 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

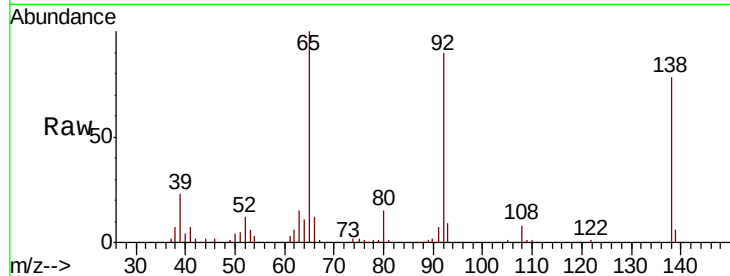
Tot Ion:138 Resp: 95250

Ion Ratio Lower Upper

138 100

108 9.7 11.0 16.6#

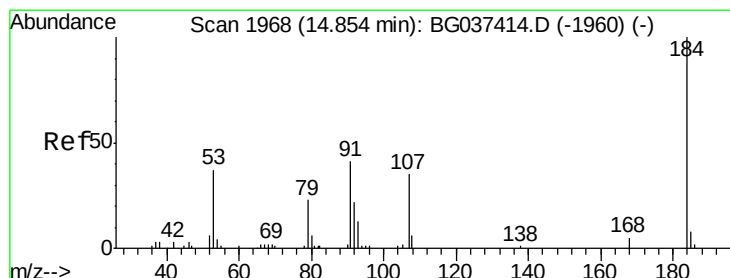
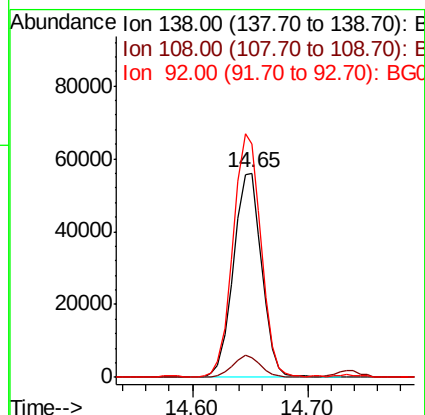
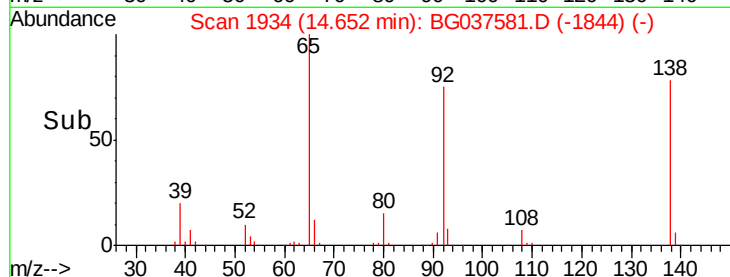
92 114.6 95.2 142.8



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: 72.582 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

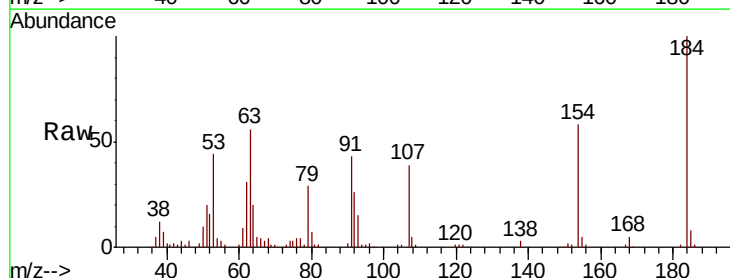
Tgt Ion:184 Resp: 82402

Ion Ratio Lower Upper

184 100

63 56.1 42.6 63.8

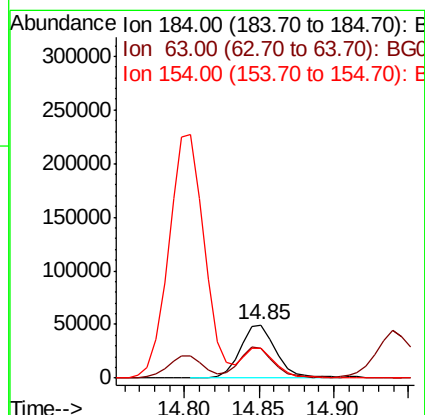
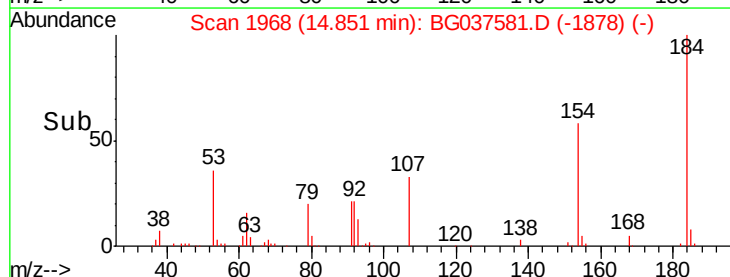
154 57.5 41.8 62.6

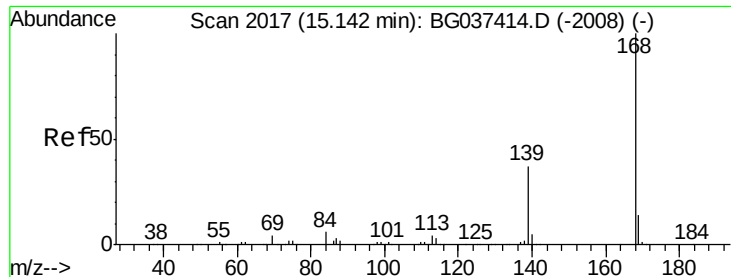


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

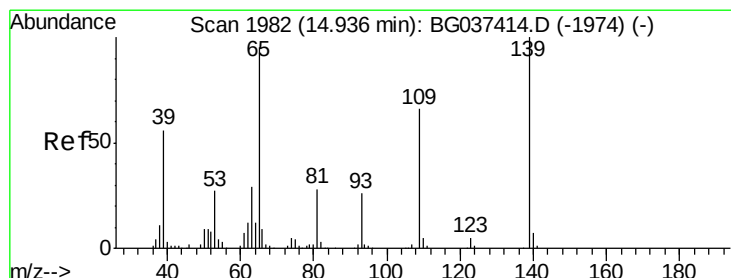
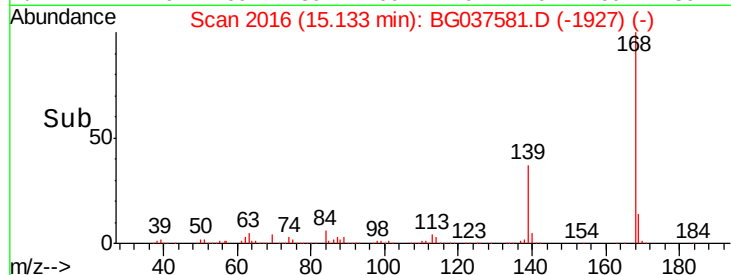
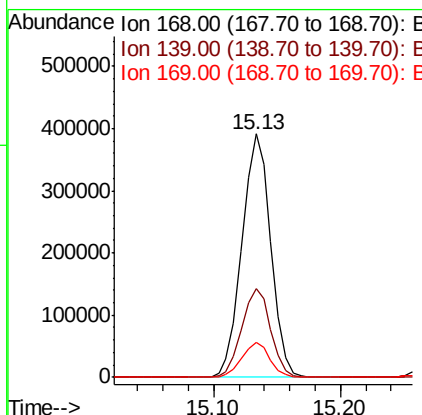
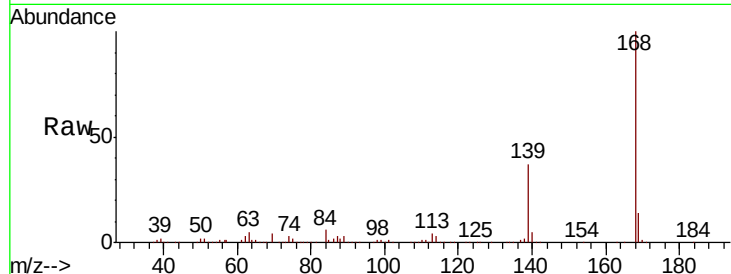




#55
Dibenzenofuran
Concen: 40.067 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

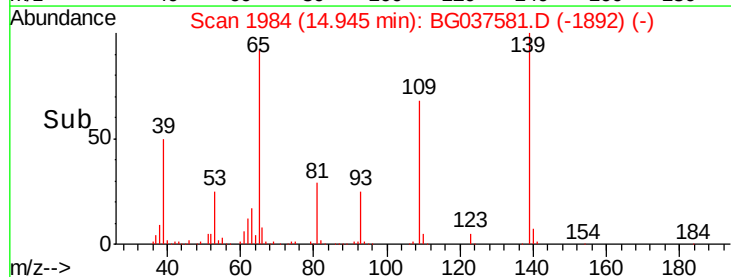
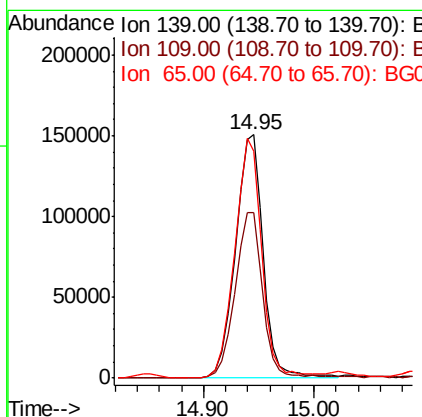
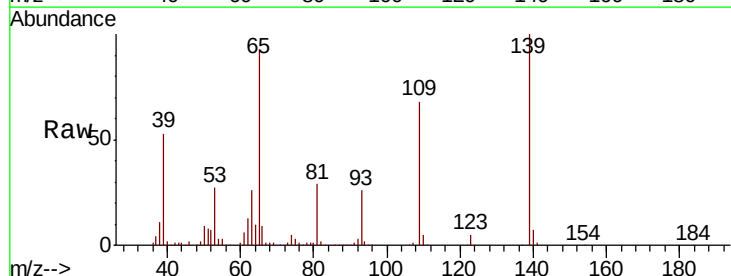
Instrument :
BNA_G
ClientSampleId :
PB114176BS

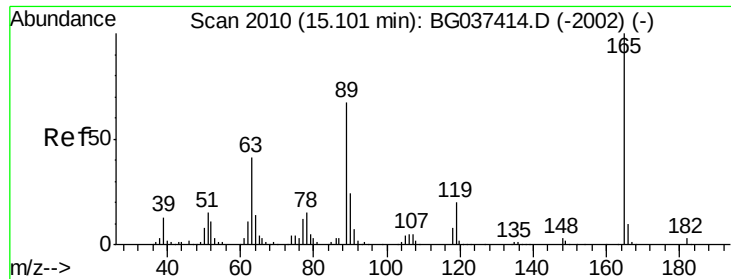
Tot Ion:168 Resp: 613681
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 118.507 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:139 Resp: 265420
Ion Ratio Lower Upper
139 100
109 67.8 49.5 89.5
65 93.1 76.8 116.8

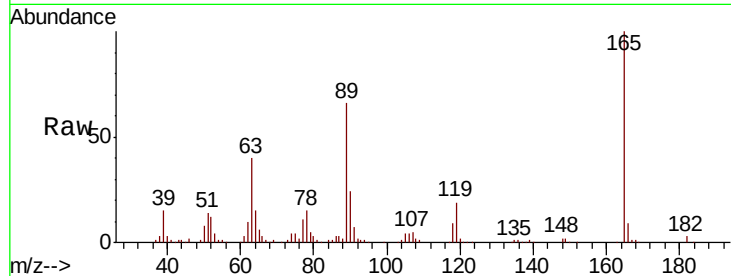




#57
2,4-Dinitrotoluene
Concen: 45.179 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.0
89	66.5	57.2	85.8
182	2.6	2.6	4.0



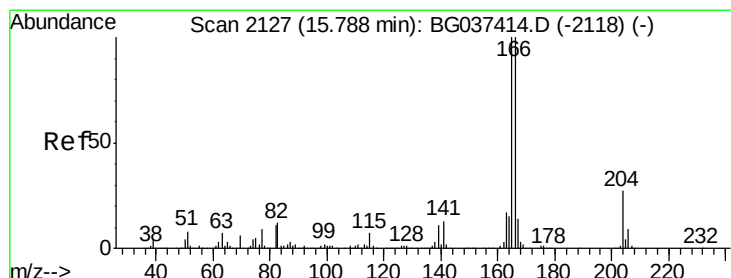
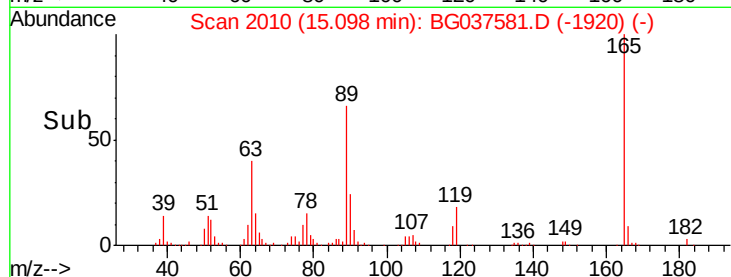
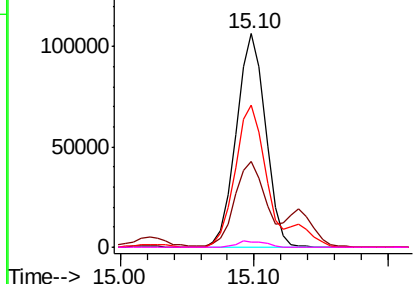
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

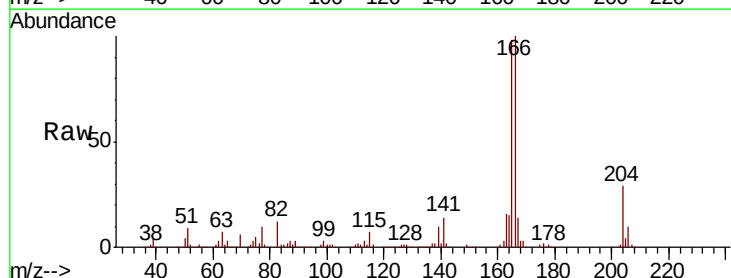
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.414 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	14.2	11.3	16.9

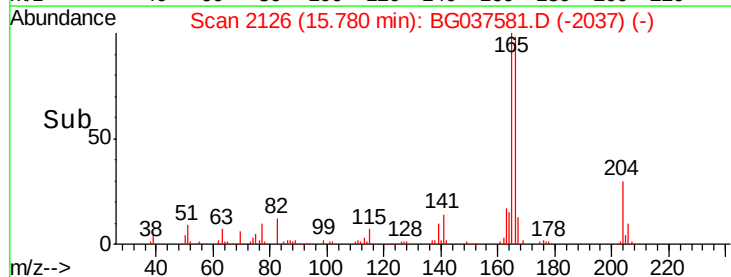
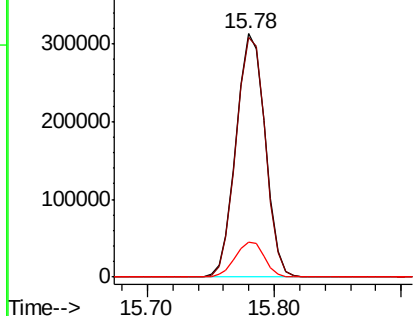


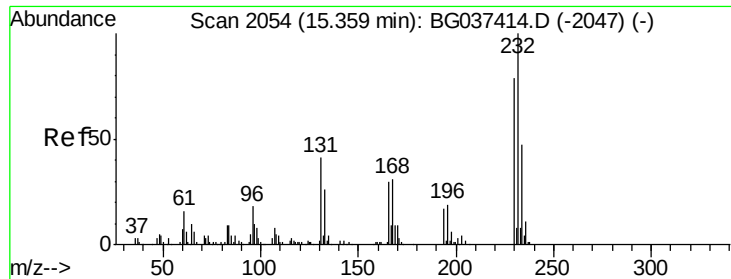
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.716 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

Tot Ion:232 Resp: 143061

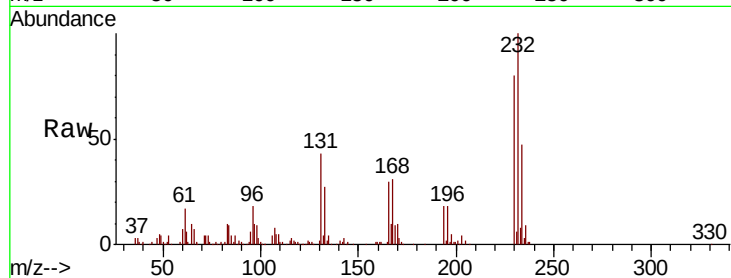
Ion Ratio Lower Upper

232 100

131 42.5 33.7 50.5

130 2.3 2.1 3.1

166 30.6 24.6 36.8

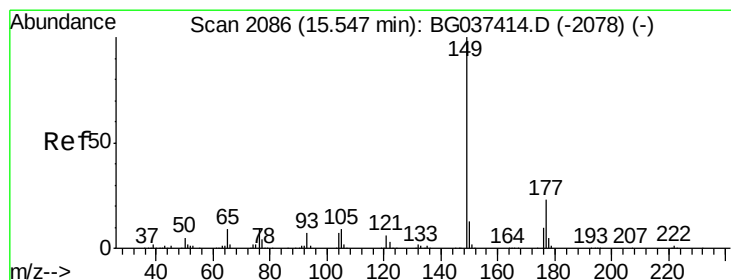
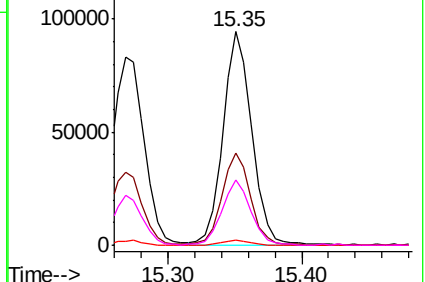
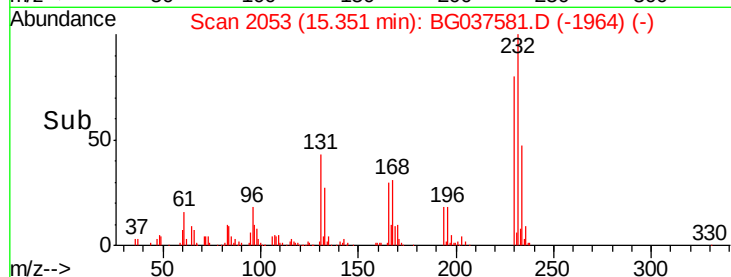


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.950 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

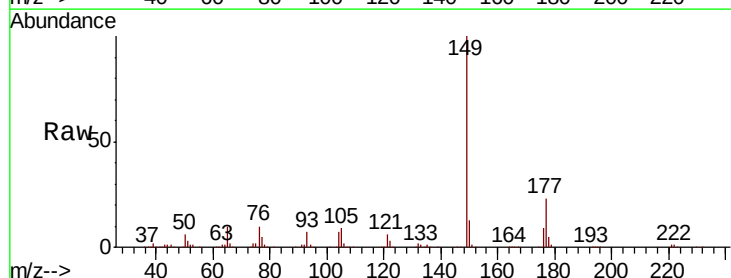
Tgt Ion:149 Resp: 517985

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

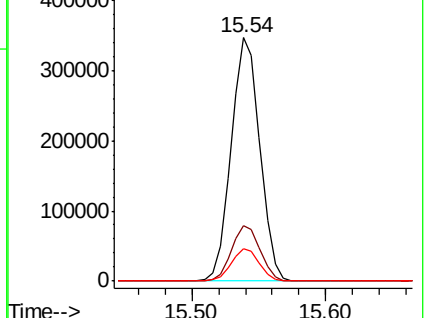
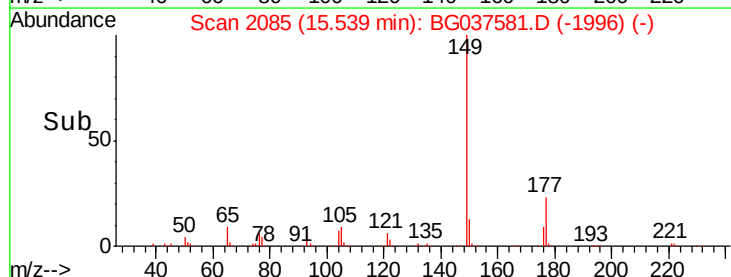
150 13.2 10.0 15.0

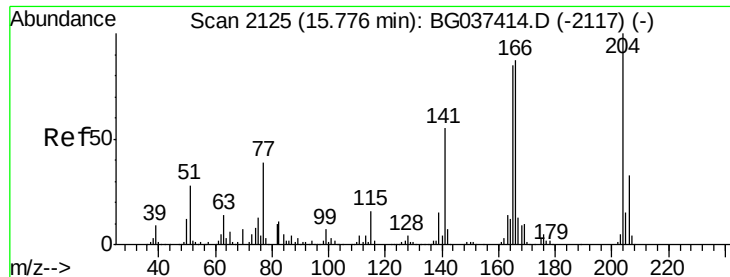


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

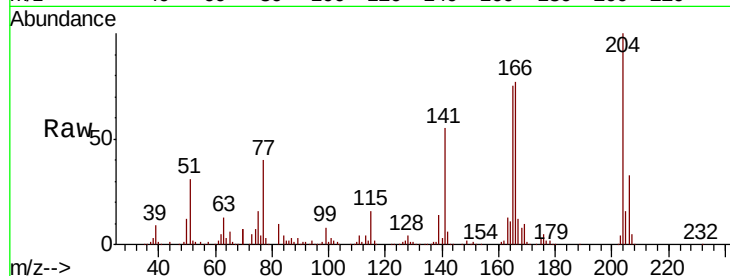




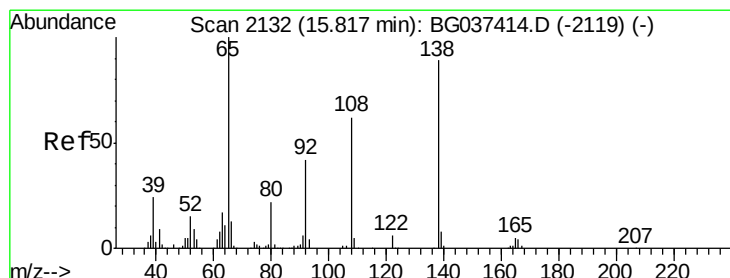
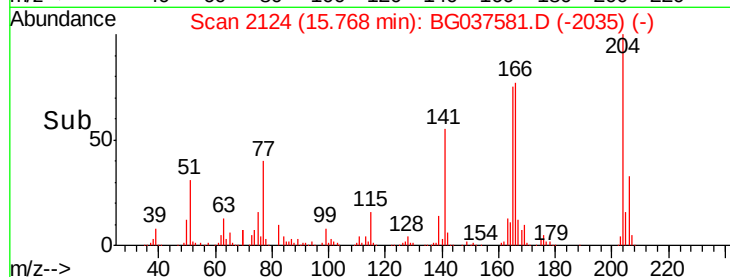
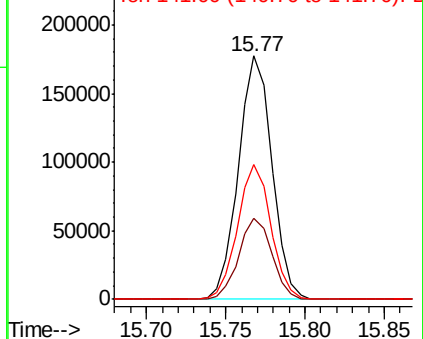
#61
4-Chlorophenyl-phenylether
Concen: 38.937 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	55.4	45.4	68.2

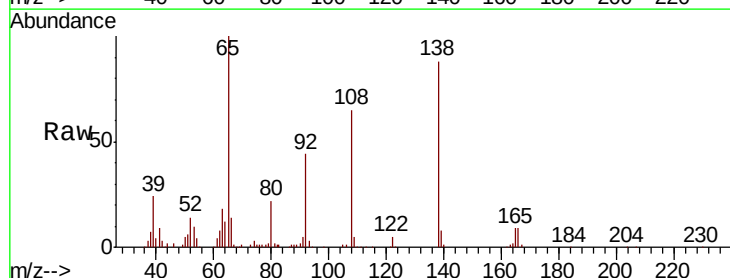


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

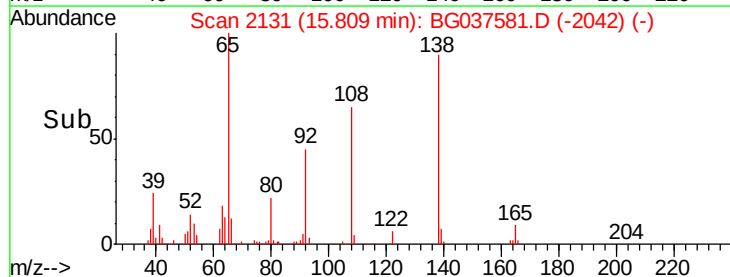
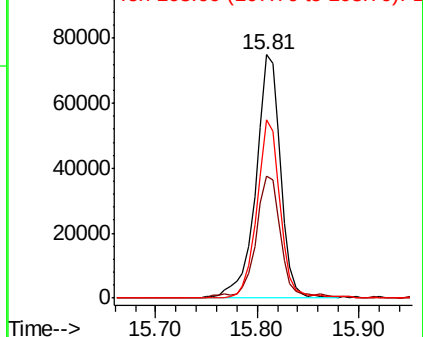


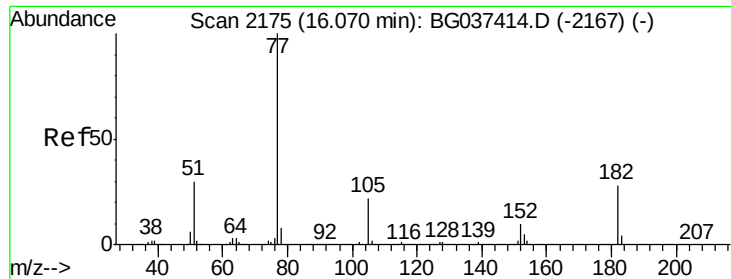
#62
4-Nitroaniline
Concen: 42.345 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	36.4	76.4
108	73.4	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

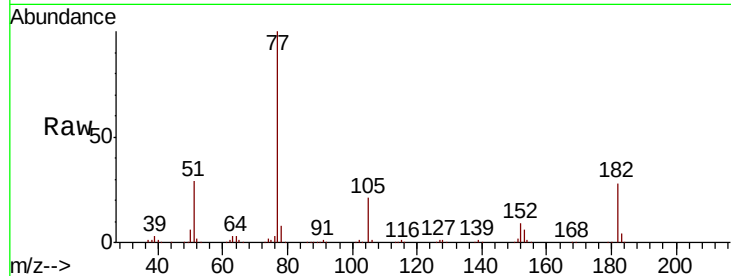




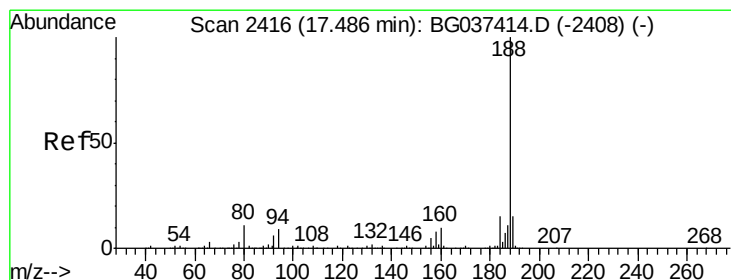
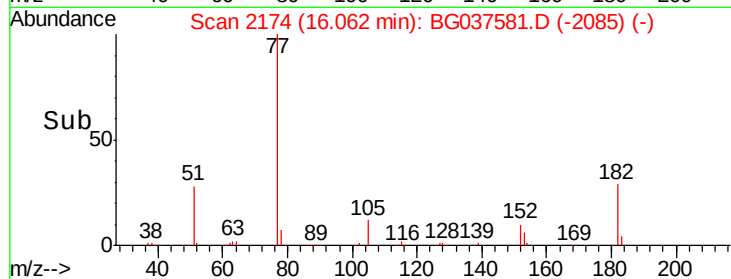
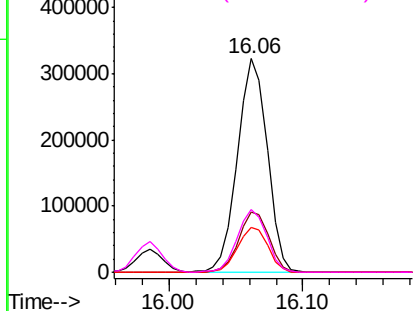
#63
Azobenzene
Concen: 41.297 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	8.0	48.0	
105	21.0	1.3	41.3	
51	29.5	10.7	50.7	

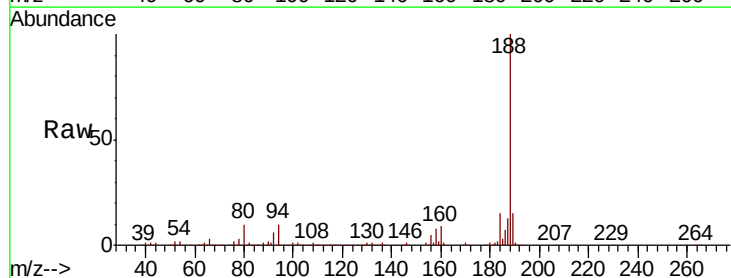


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

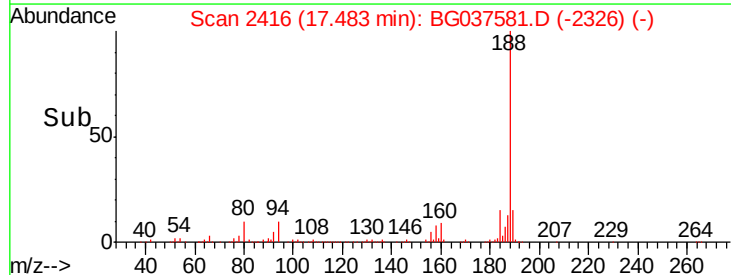
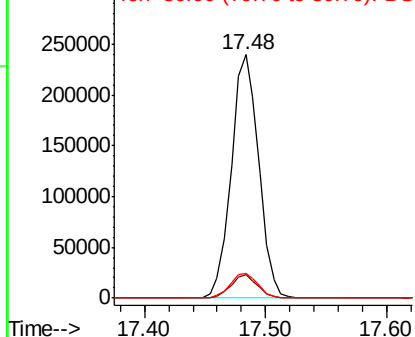


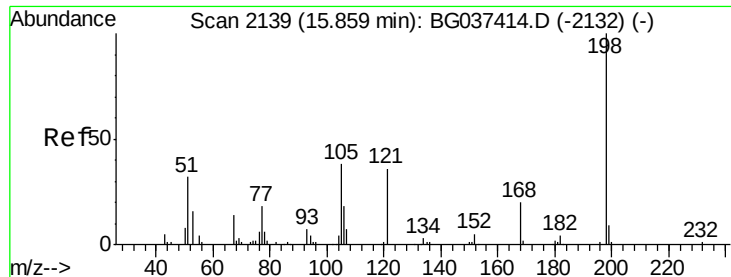
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	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: 40.624 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

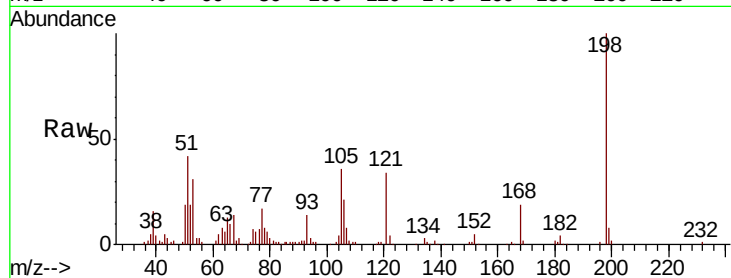
Tot Ion:198 Resp: 77546

Ion	Ratio	Lower	Upper
198	100		
51	42.5	22.7	62.7
105	36.4	19.7	59.7

198 100

51 42.5 22.7 62.7

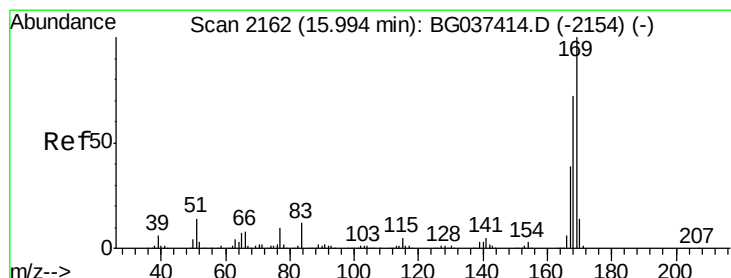
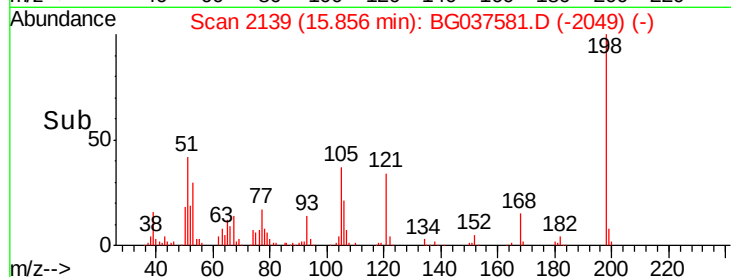
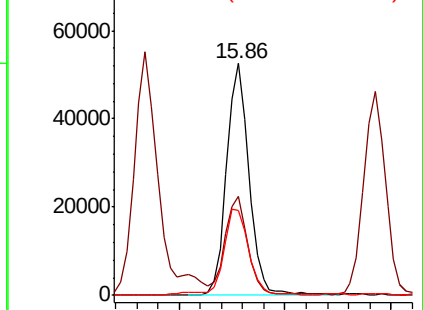
105 36.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037581.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.994 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

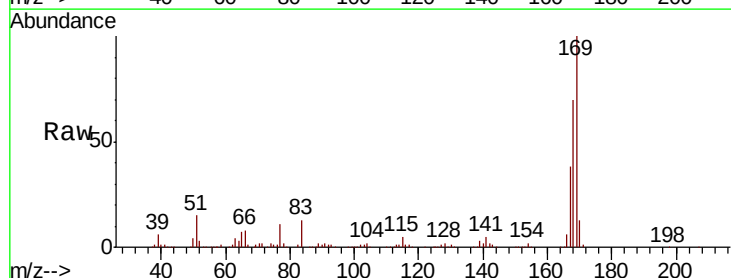
Tgt Ion:169 Resp: 455429

Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	38.1	31.3	46.9

169 100

168 70.3 55.7 83.5

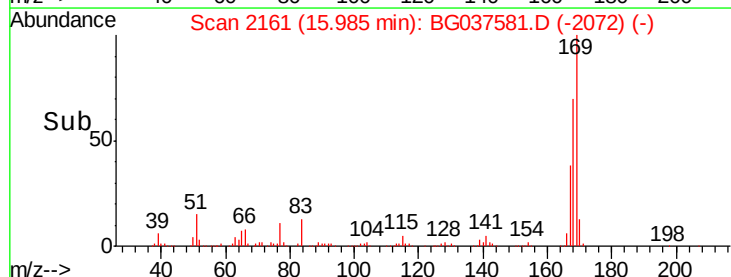
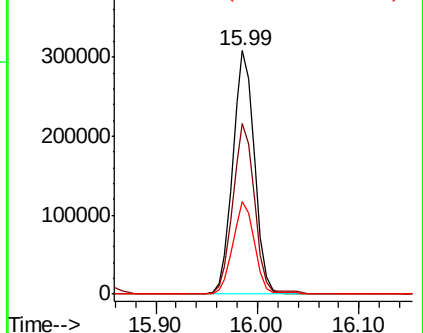
167 38.1 31.3 46.9

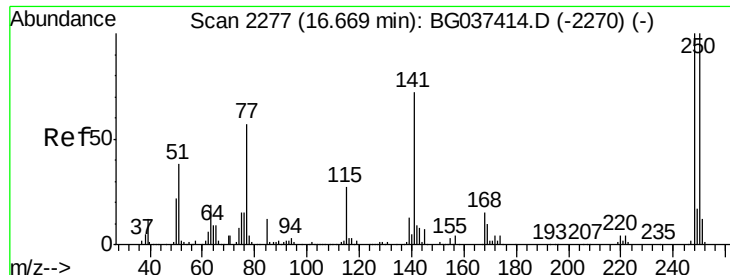


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

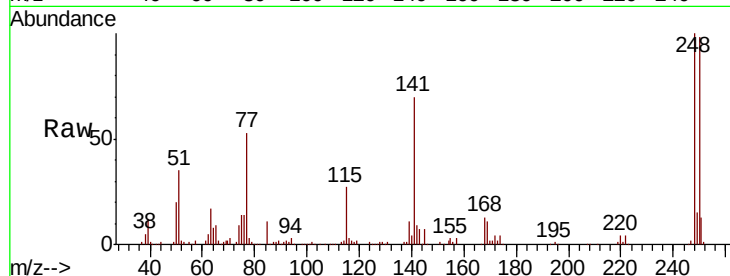




#67
 4-Bromophenyl-phenylether
 Concen: 39.018 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.6
141	69.8	55.5	83.3

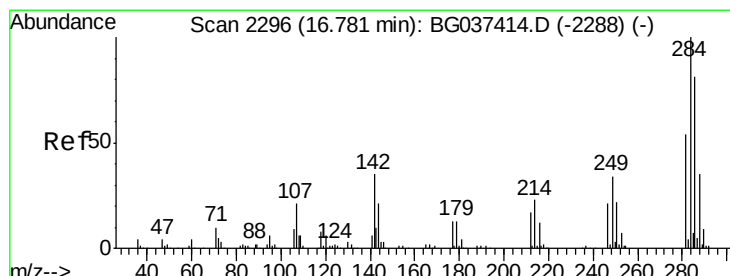
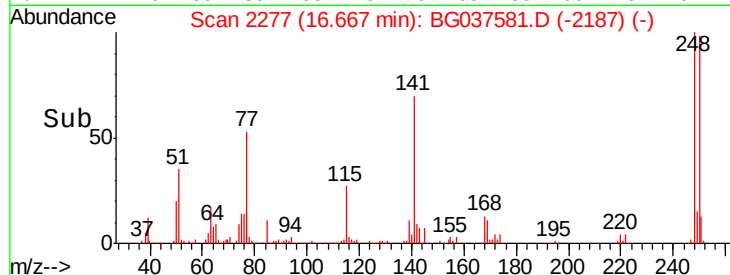
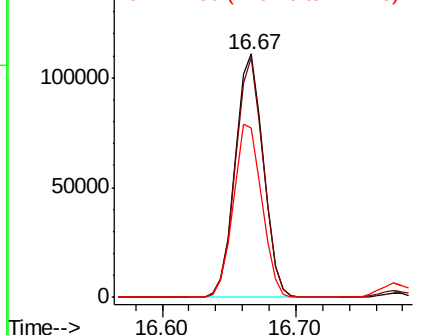


Abundance

Ion 248.00 (247.70 to 248.70): E

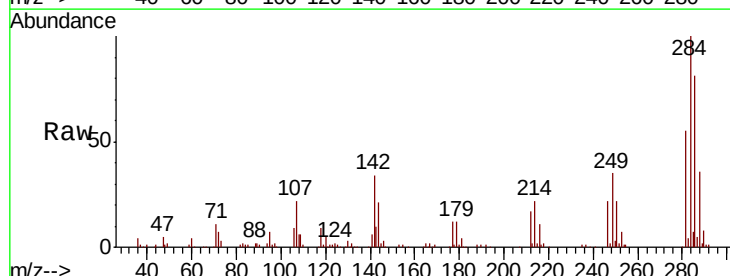
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.283 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.1	42.1
249	38.3	29.8	44.8

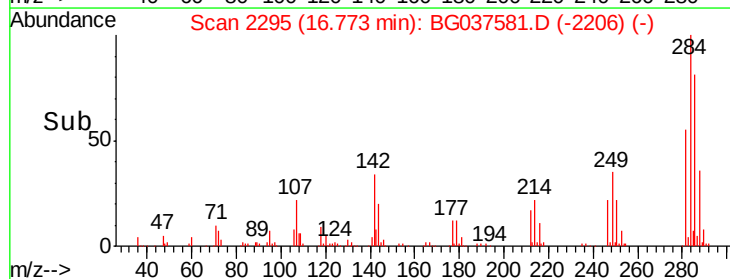
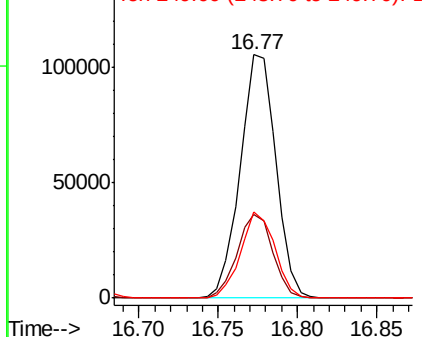


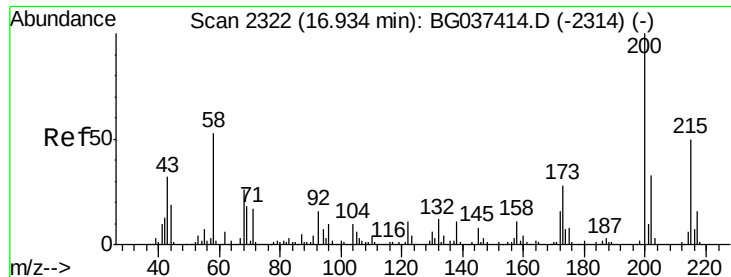
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

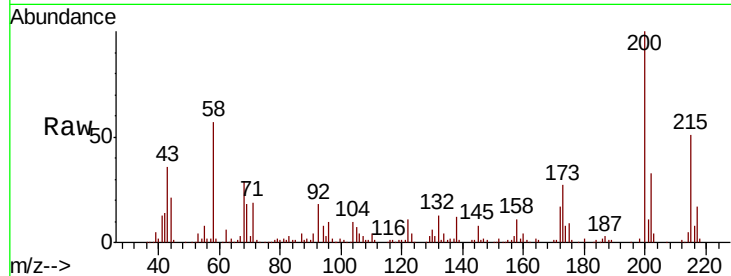




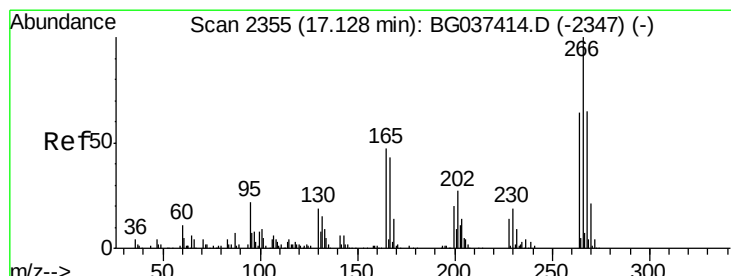
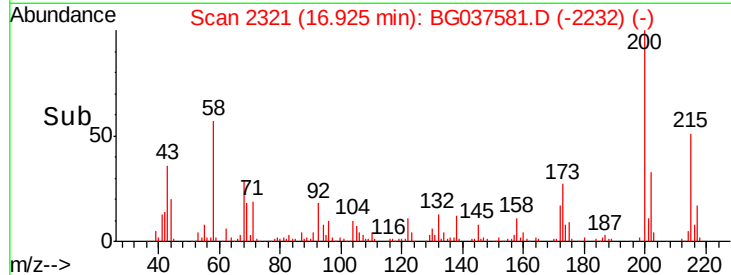
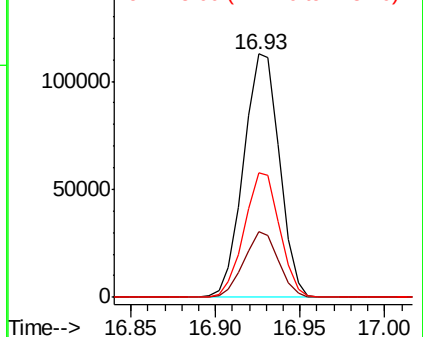
#69
 Atrazine
 Concen: 40.570 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BS

Tot Ion:200 Resp: 167032
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.1 46.1
 215 51.1 30.8 70.8

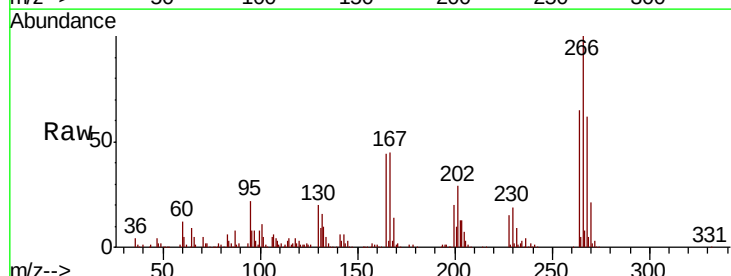


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

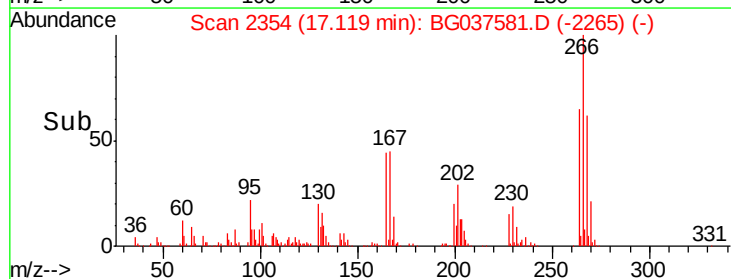
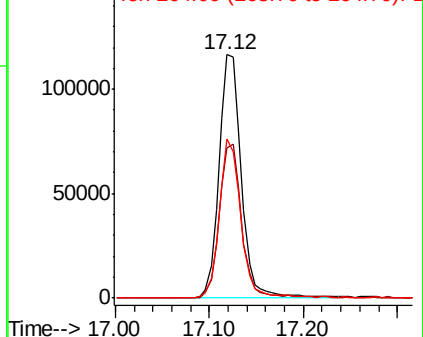


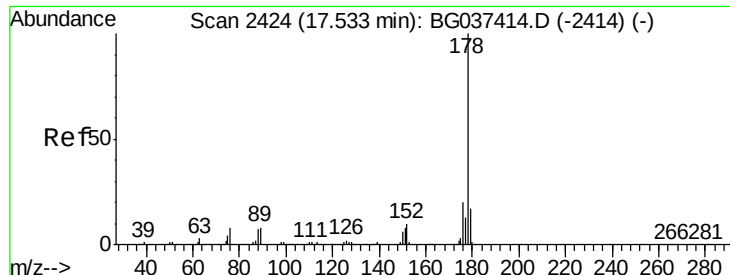
#70
 Pentachlorophenol
 Concen: 67.123 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037581.D
 Acq: 26 Oct 2018 15:12

Tgt Ion:266 Resp: 193721
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 70.4 58.9 88.3



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

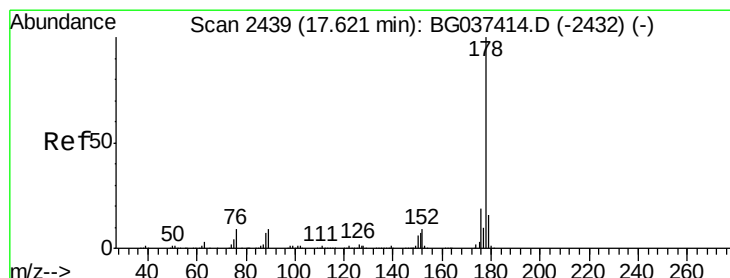
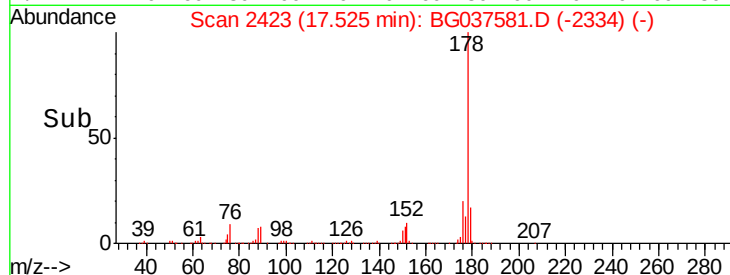
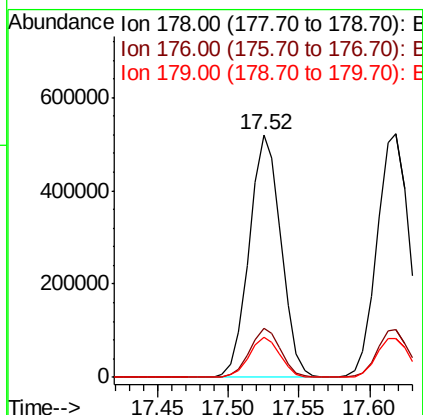
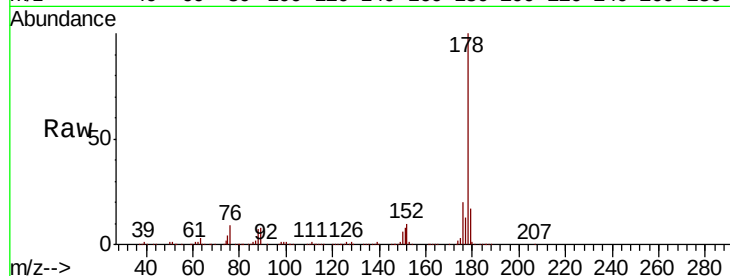




#71
Phenanthrene
Concen: 42.666 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

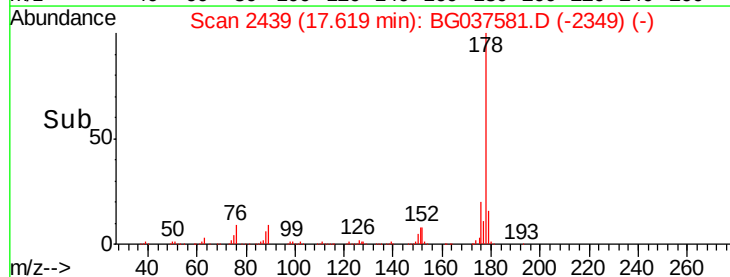
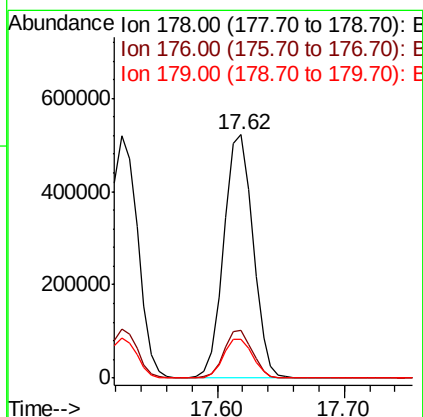
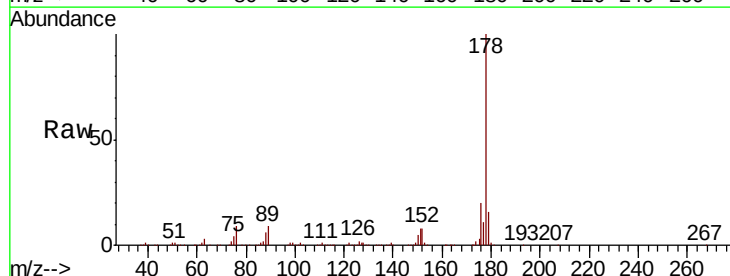
Instrument :
BNA_G
ClientSampleId :
PB114176BS

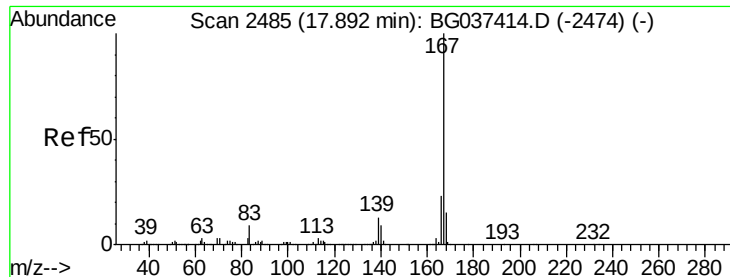
Tot Ion:178 Resp: 820898
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 44.096 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:178 Resp: 832586
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.1 12.8 19.2





#73

Carbazole

Concen: 39.777 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

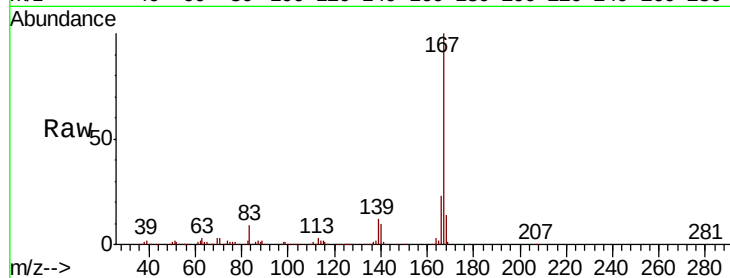
Tot Ion:167 Resp: 751268

Ion Ratio Lower Upper

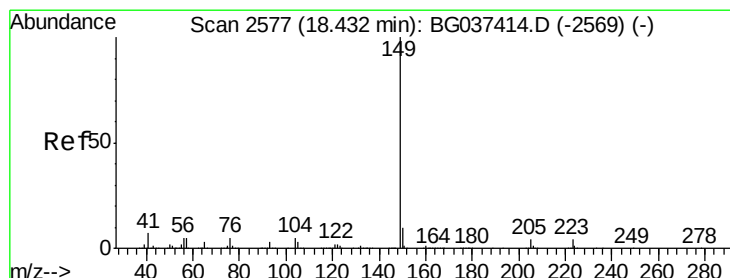
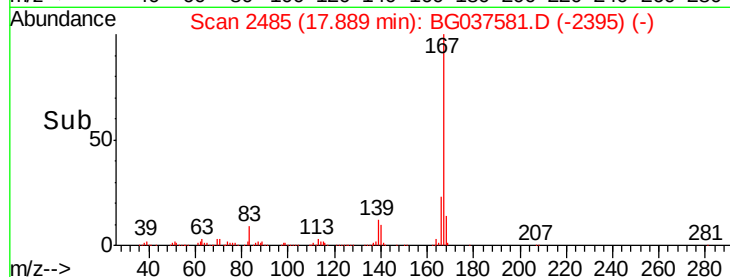
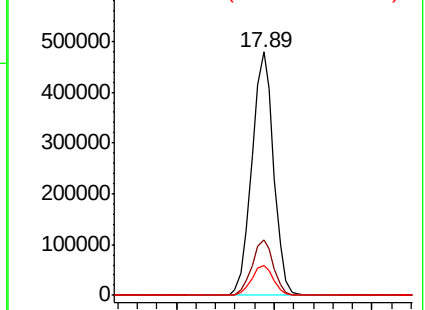
167 100

166 23.0 18.3 27.5

139 12.2 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 42.376 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

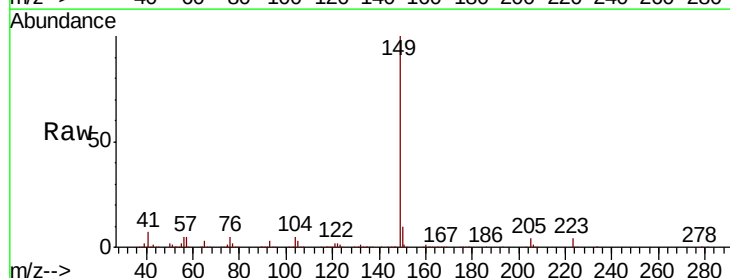
Tgt Ion:149 Resp: 890317

Ion Ratio Lower Upper

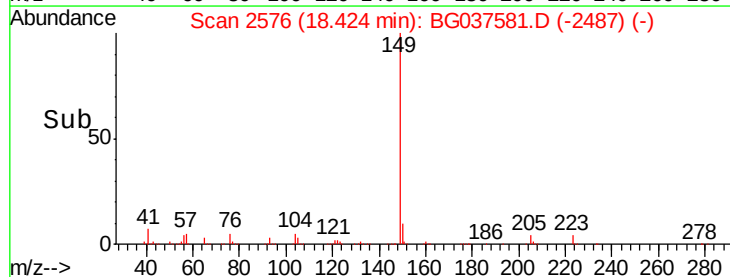
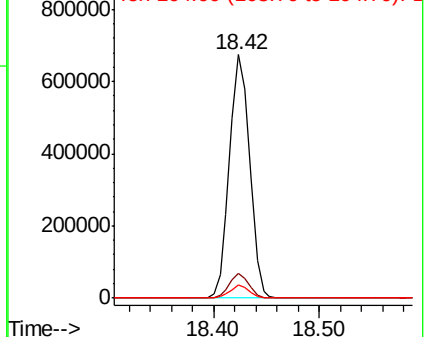
149 100

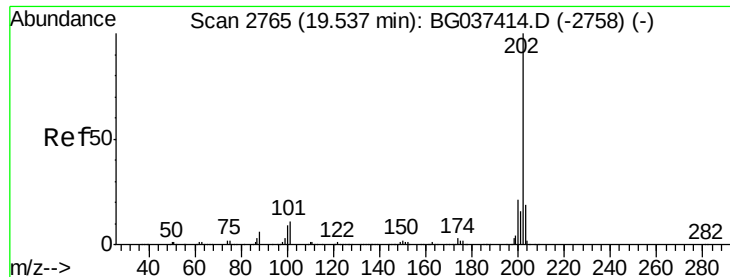
150 10.4 8.2 12.2

104 5.2 4.0 6.0



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





#75

Fluoranthene

Concen: 43.303 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

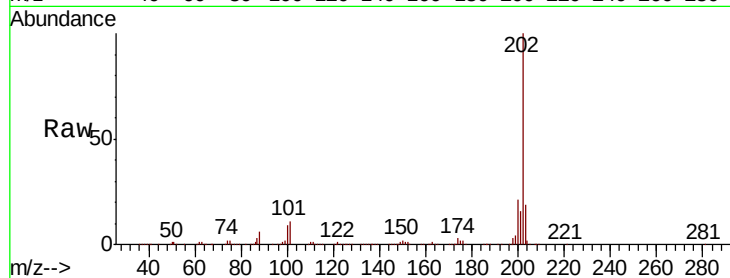
Tot Ion:202 Resp: 944936

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

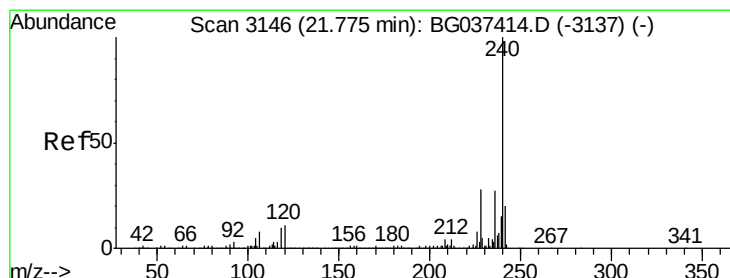
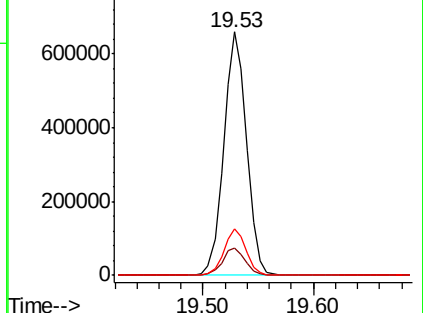
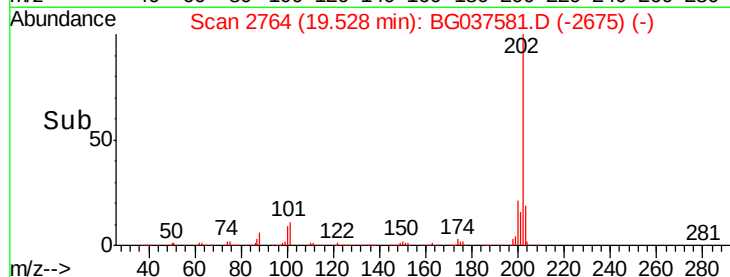
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

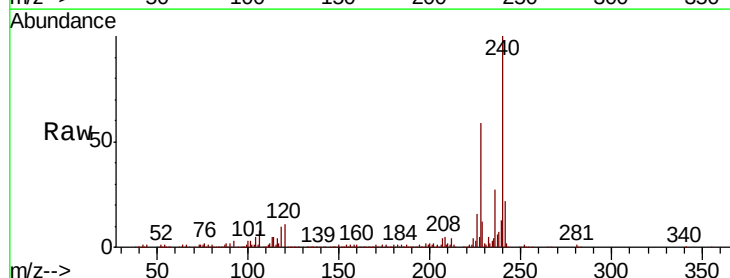
Tgt Ion:240 Resp: 338830

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

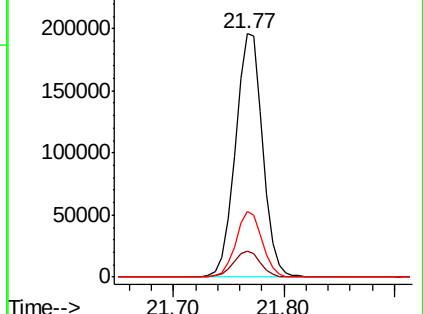
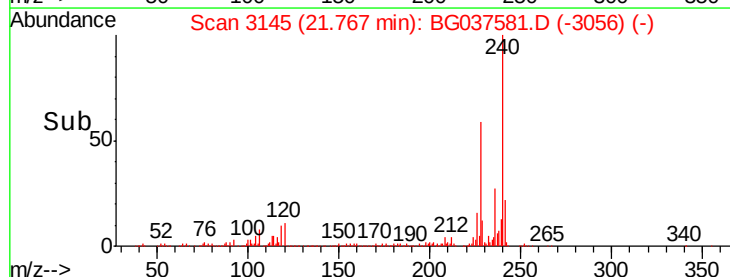
236 26.8 21.4 32.0

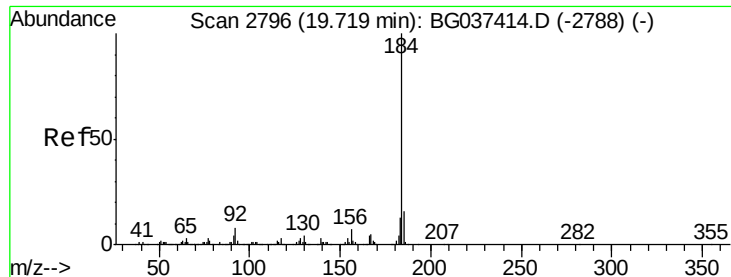


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.761 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

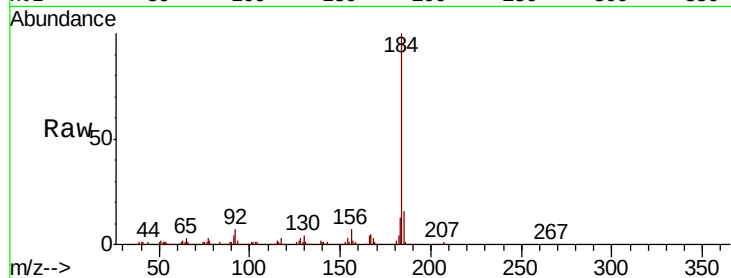
Tot Ion:184 Resp: 365922

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

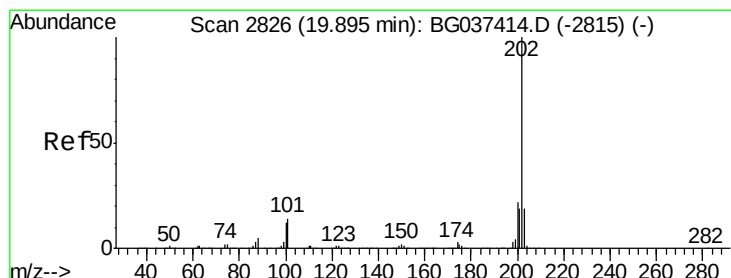
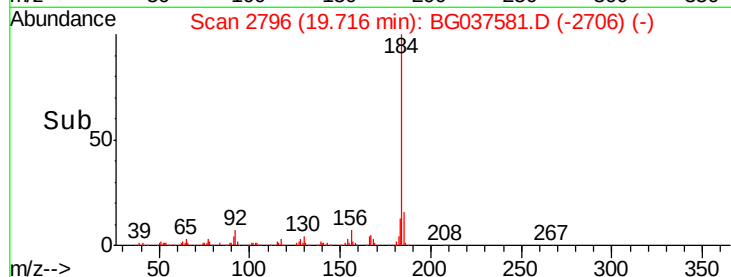
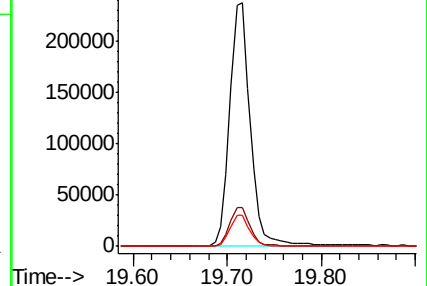
183 12.9 10.2 15.2



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: 42.033 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

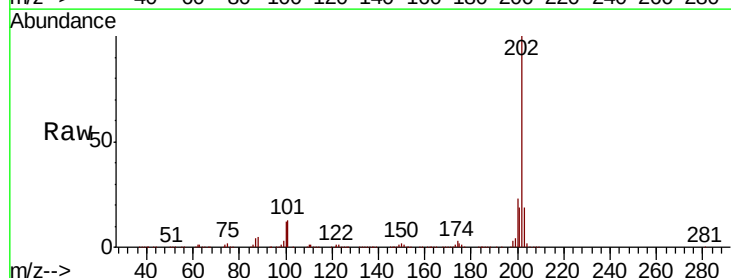
Tgt Ion:202 Resp: 931012

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

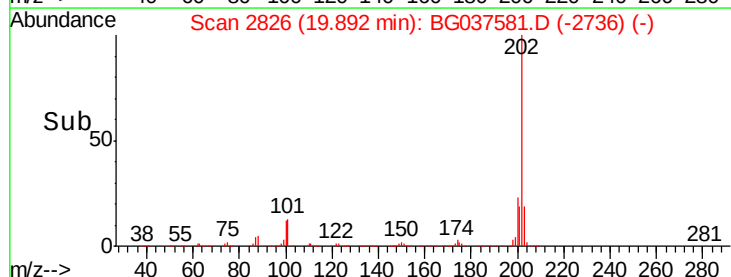
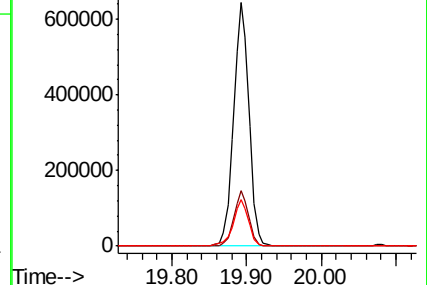
203 19.1 15.2 22.8

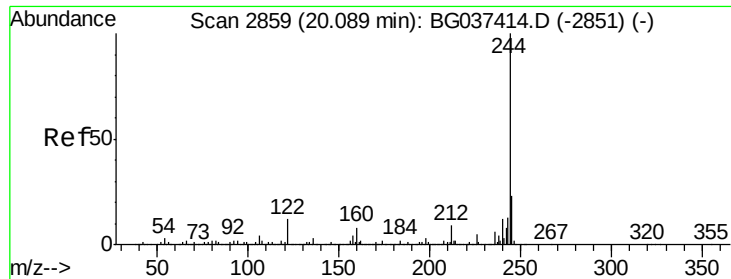


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.534 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

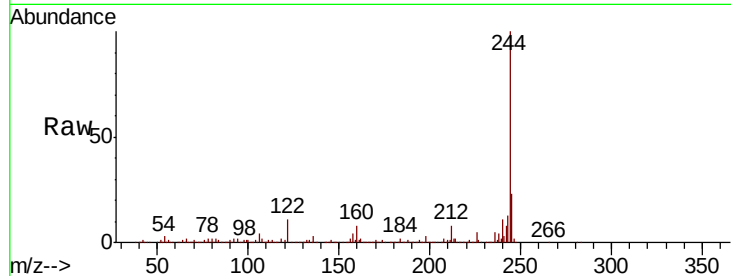
Tot Ion:244 Resp: 1150189

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

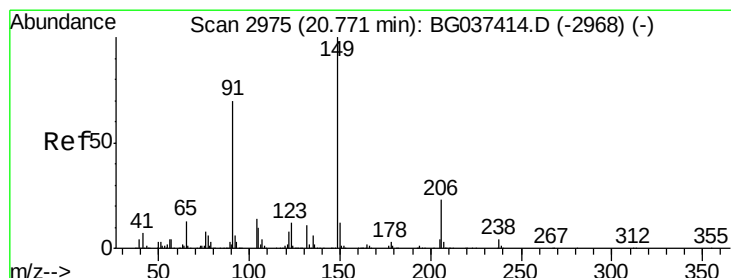
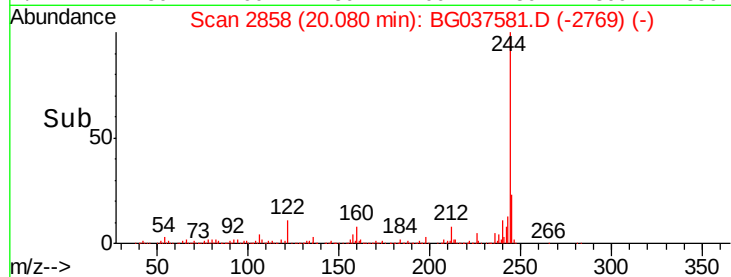
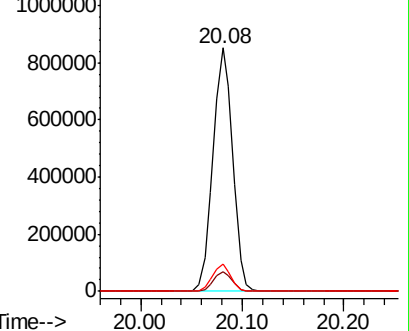
122 11.3 9.0 13.4



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: 43.551 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

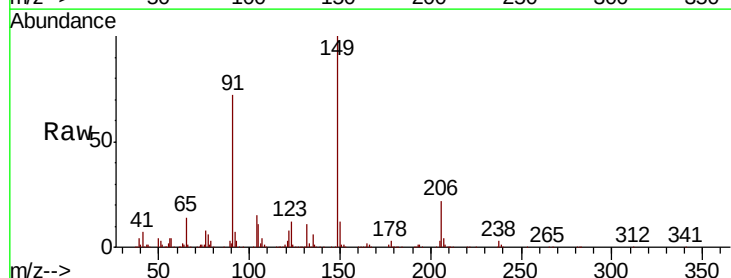
Tgt Ion:149 Resp: 394794

Ion Ratio Lower Upper

149 100

91 71.8 57.0 85.4

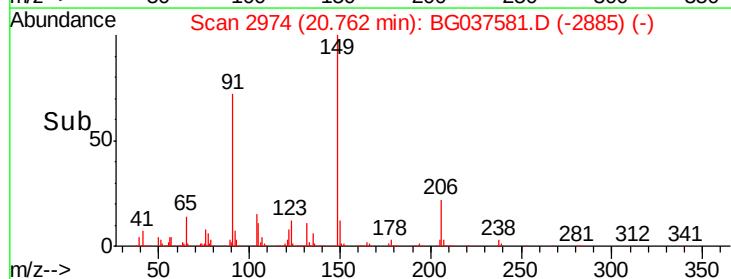
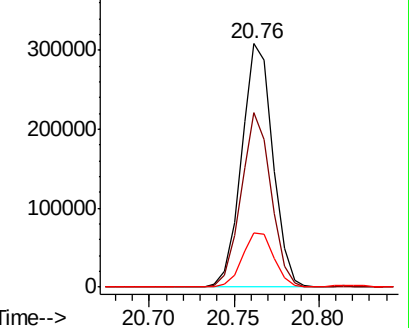
206 22.1 17.8 26.6

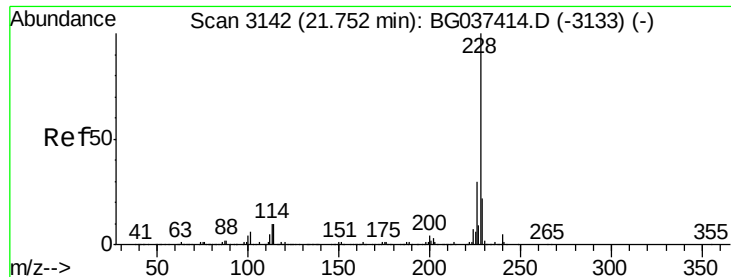


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

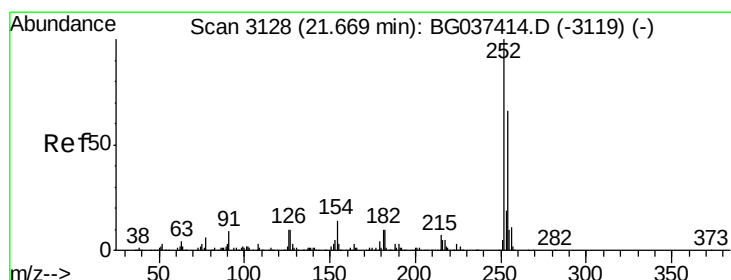
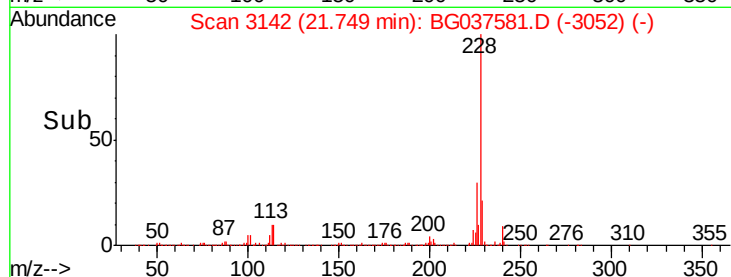
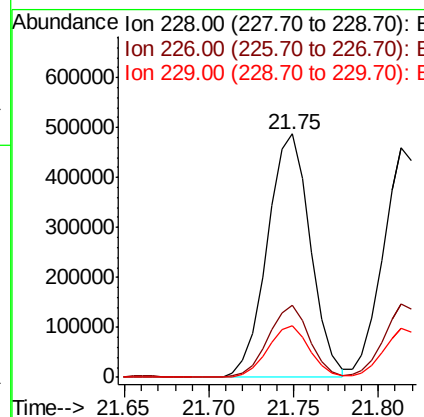
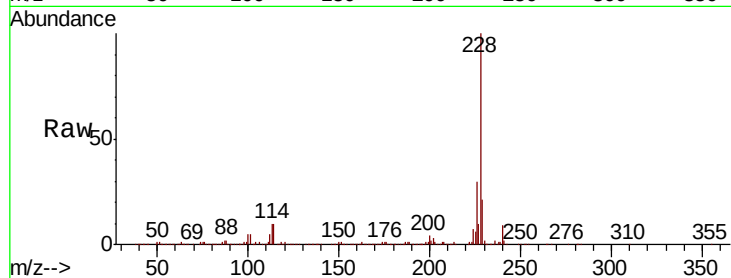




#81
Benzo(a)anthracene
Concen: 43.071 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

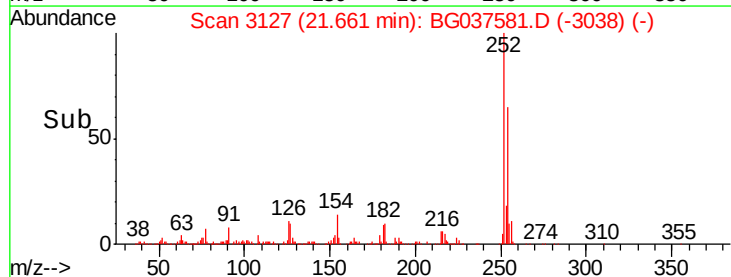
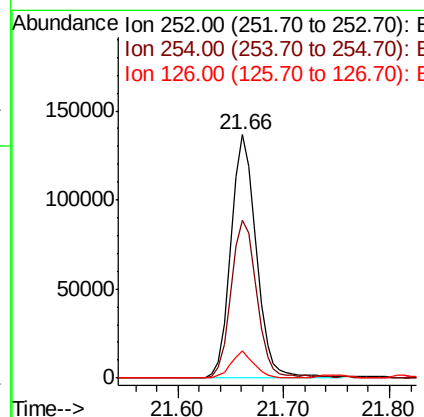
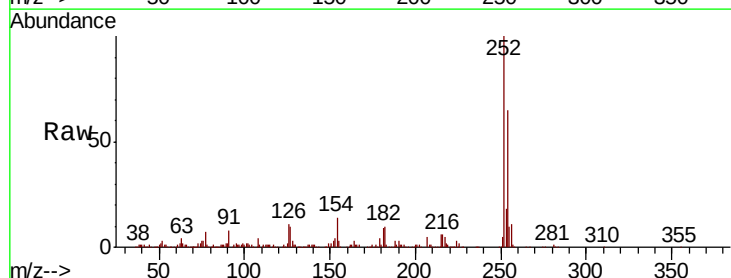
Instrument :
BNA_G
ClientSampleId :
PB114176BS

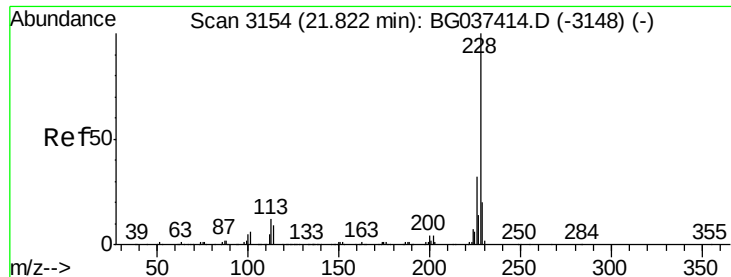
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.1	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.215 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.0	78.0
126	11.3	8.2	12.4





#83

Chrysene

Concen: 42.167 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

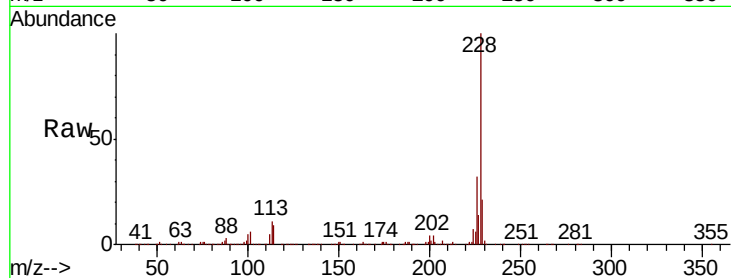
Tot Ion:228 Resp: 812619

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

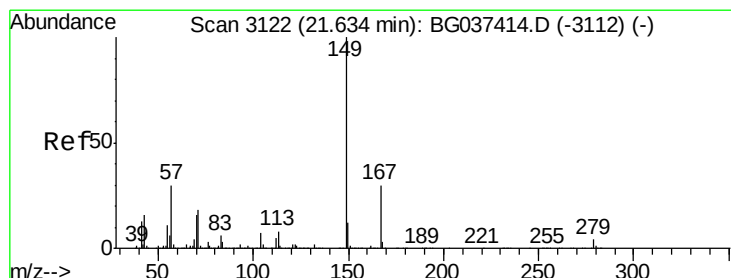
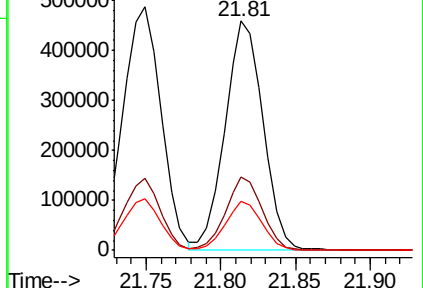
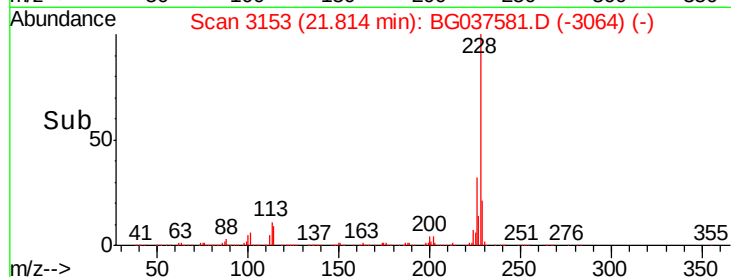
229 21.2 16.5 24.7



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: 43.790 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

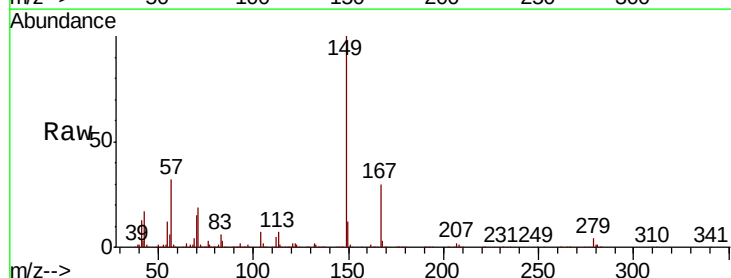
Tgt Ion:149 Resp: 556418

Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.4

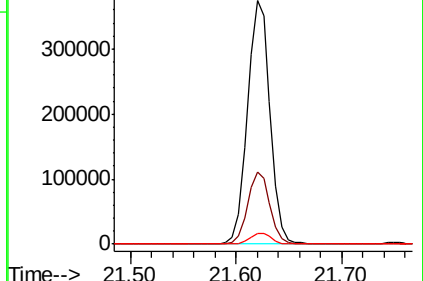
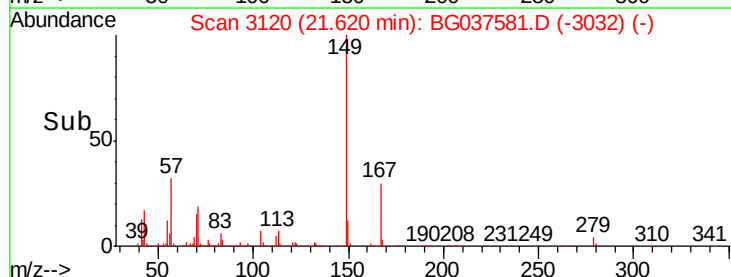
279 4.3 3.6 5.4

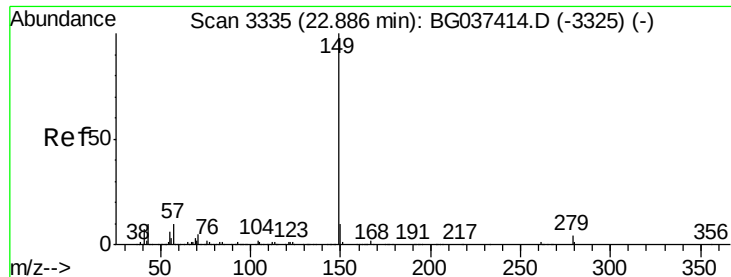


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

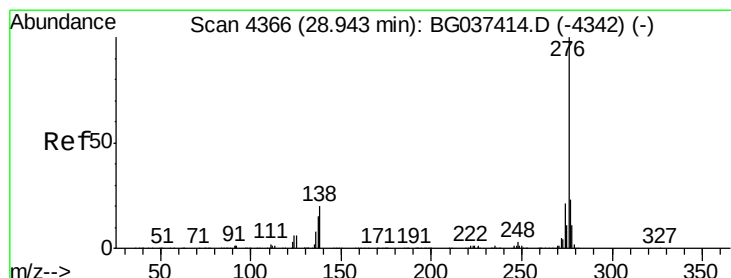
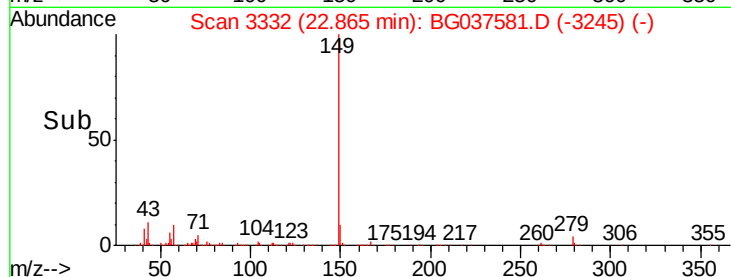
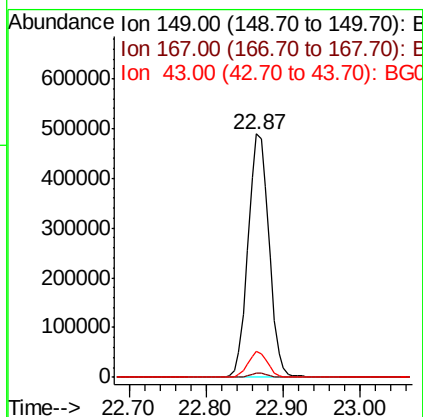
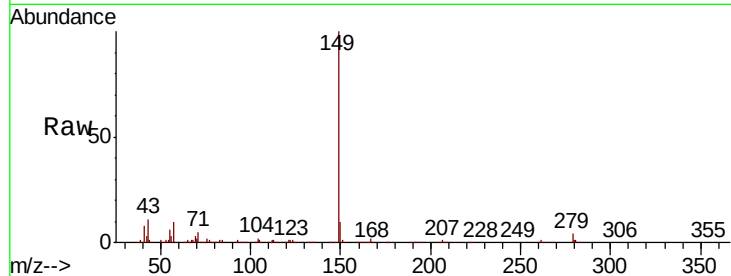




#85
Di-n-octyl phthalate
Concen: 45.192 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

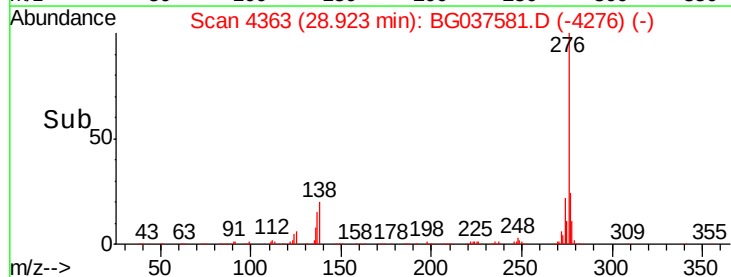
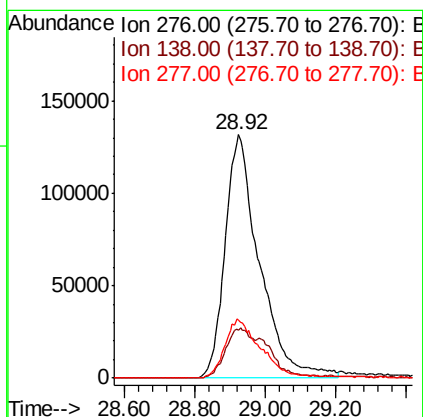
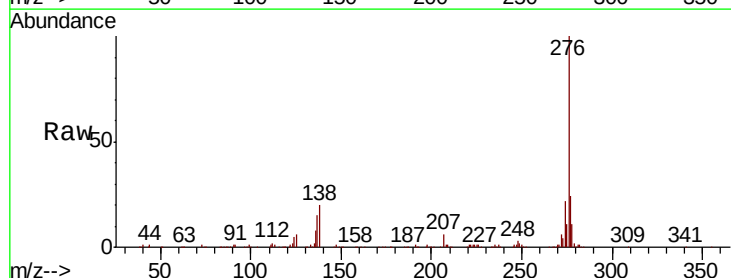
Instrument :
BNA_G
ClientSampleId :
PB114176BS

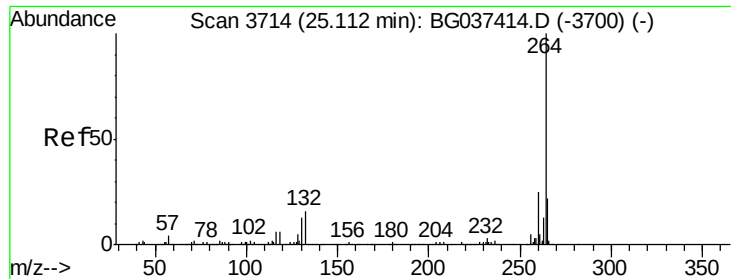
Tot Ion:149 Resp: 936378
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.156 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:276 Resp: 892017
Ion Ratio Lower Upper
276 100
138 15.8 12.0 18.0
277 25.1 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

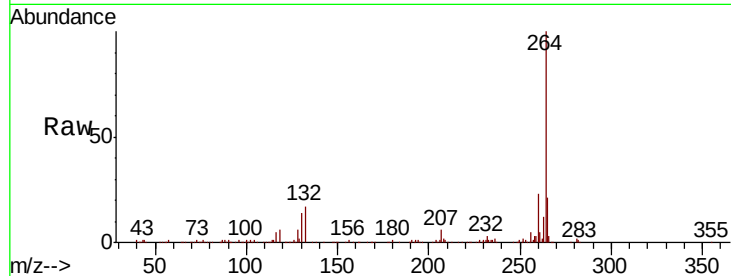
Tot Ion:264 Resp: 346814

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.0 17.9 26.9

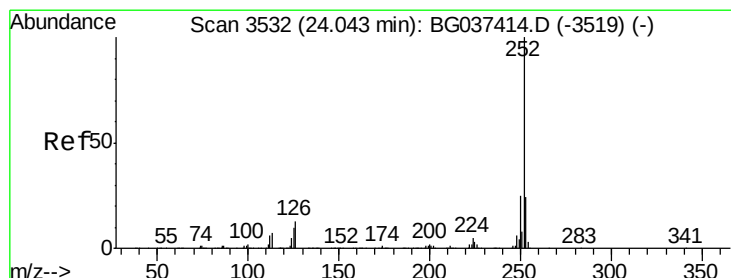
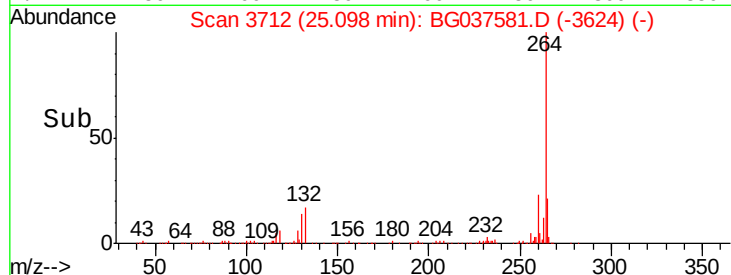
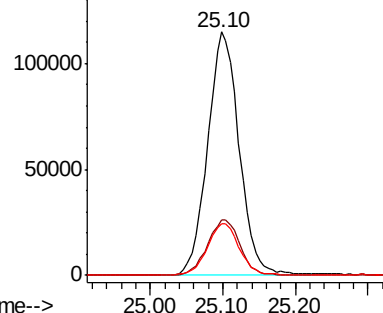


Abundance

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: 44.933 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

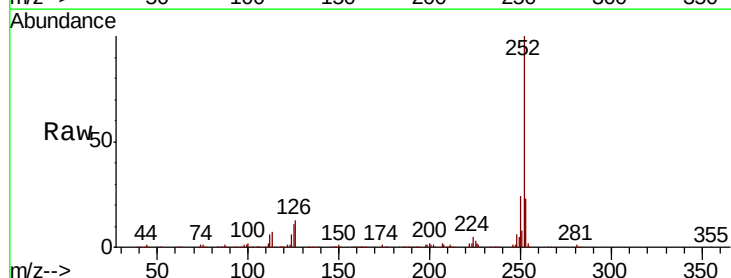
Tgt Ion:252 Resp: 854341

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 10.5 7.8 11.6

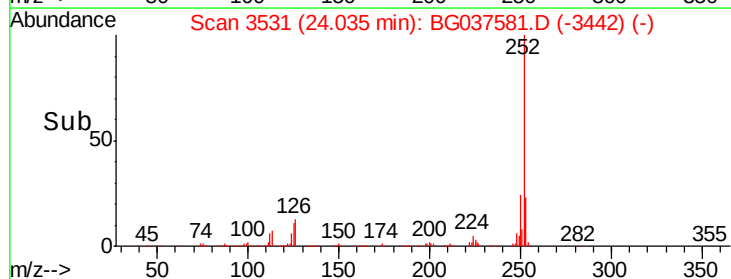
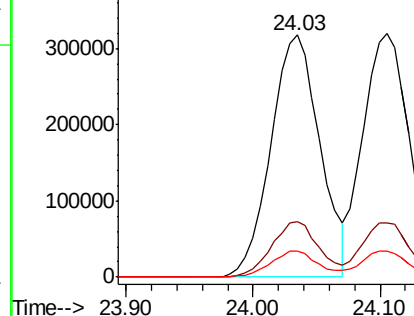


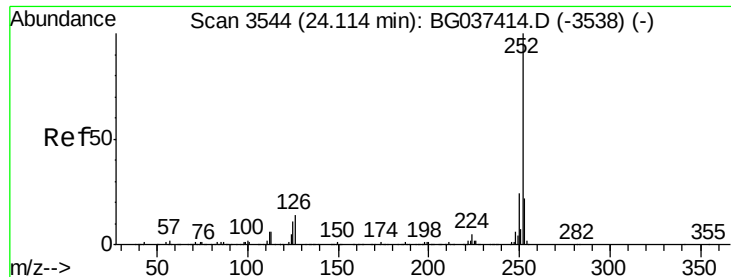
Abundance

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

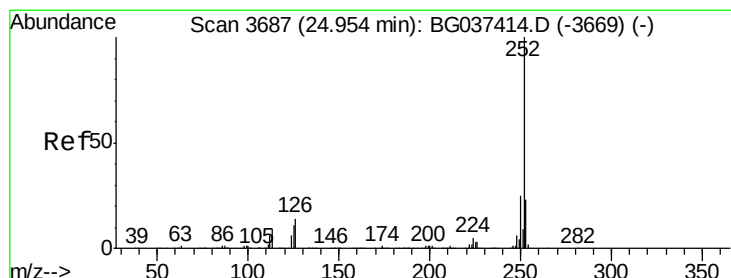
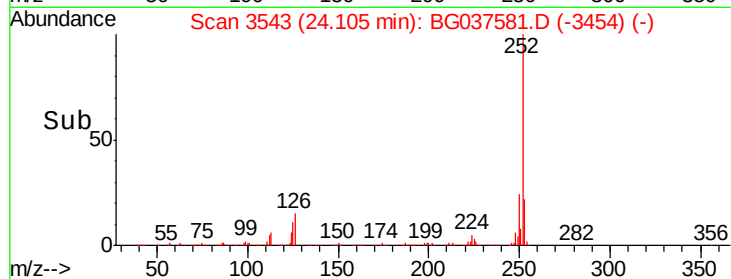
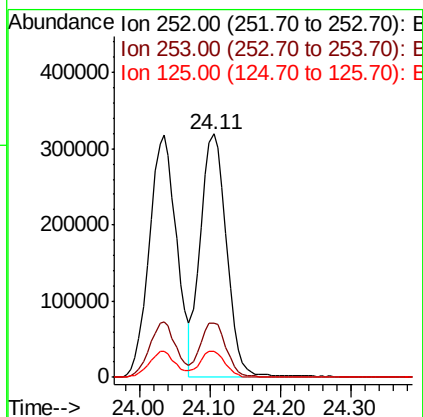
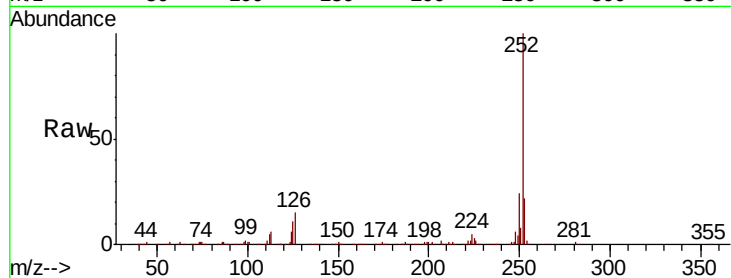




#89
Benzo(k)fluoranthene
Concen: 44.082 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

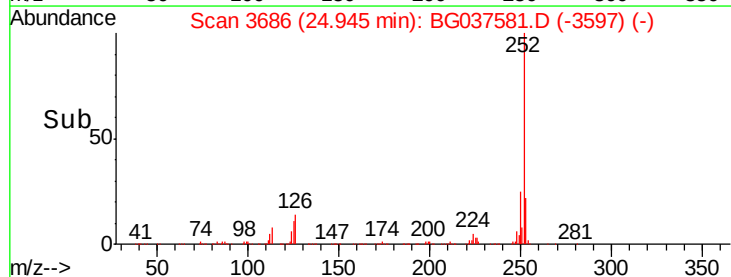
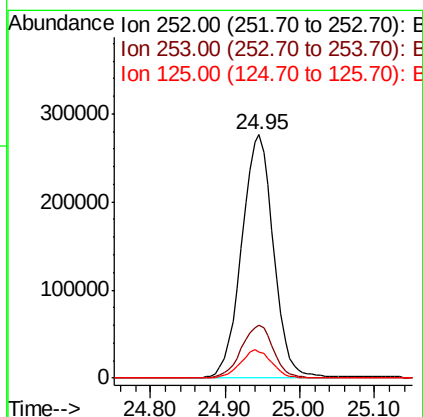
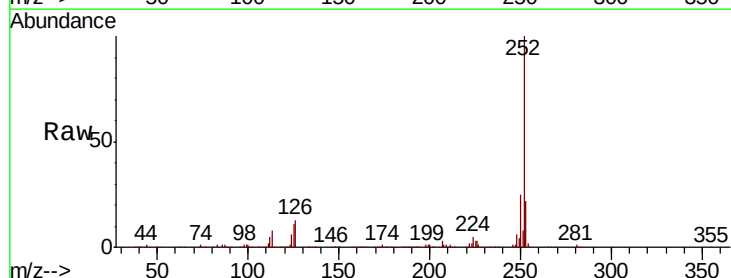
Instrument :
BNA_G
ClientSampleId :
PB114176BS

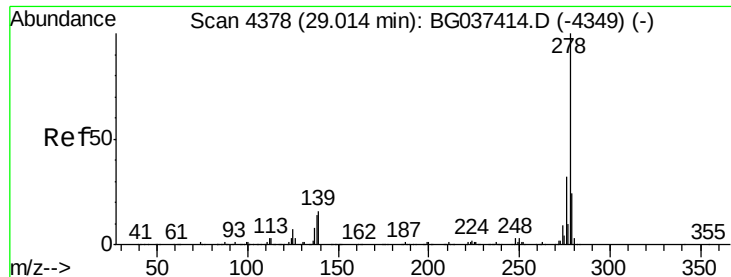
Tot Ion:252 Resp: 821173
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.292 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037581.D
Acq: 26 Oct 2018 15:12

Tgt Ion:252 Resp: 818311
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.461 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

Instrument :

BNA_G

ClientSampleId :

PB114176BS

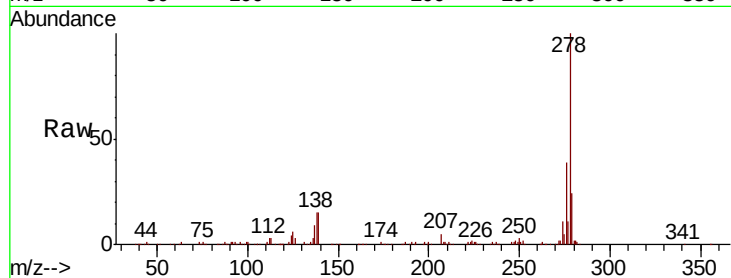
Tot Ion:278 Resp: 724315

Ion Ratio Lower Upper

278 100

139 15.1 11.5 17.3

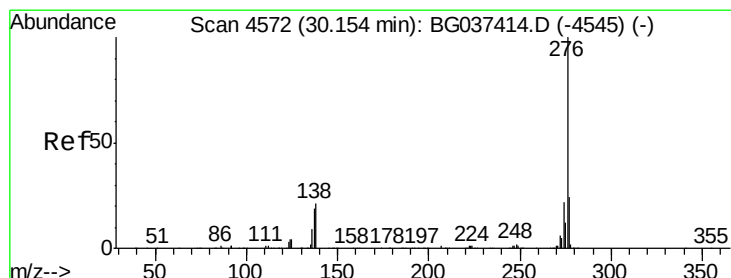
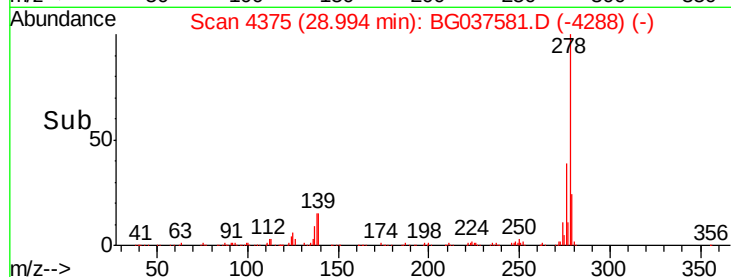
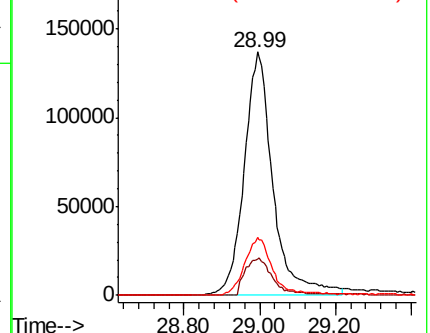
279 24.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.498 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037581.D

Acq: 26 Oct 2018 15:12

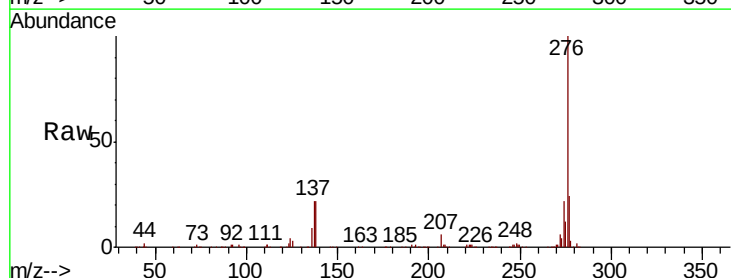
Tgt Ion:276 Resp: 716545

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 22.3 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

