

Data File : BG037792.D
Acq On : 3 Nov 2018 15:36
Operator : JU/SJ
Sample : PB114440BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Quant Time: Nov 05 03:57:52 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	58975	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262430	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175305	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	390485	20.00	ng	0.00
76) Chrysene-d12	21.77	240	353894	20.00	ng	0.00
87) Perylene-d12	25.09	264	360191	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	319769	90.65	ng	0.00
7) Phenol-d6	7.24	99	456844	85.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	267066	57.01	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	160101	83.73	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	669546	57.59	ng	-0.01
79) Terphenyl-d14	20.07	244	960719	58.01	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	34329	19.190 ng	95
3) Pyridine	3.93	79	104371	23.148 ng	93
4) n-Nitrosodimethylamine	3.85	42	46026	28.659 ng	98
6) Aniline	7.42	93	60647	9.320 ng	94
8) 2-Chlorophenol	7.65	128	125735	30.469 ng	96
9) Benzaldehyde	7.24	77	82279	24.659 ng	92
10) Phenol	7.27	94	162114	28.805 ng	97
11) bis(2-Chloroethyl)ether	7.51	93	112366	26.288 ng	97
12) 1,3-Dichlorobenzene	7.98	146	127254	27.699 ng	98
13) 1,4-Dichlorobenzene	8.13	146	128274	27.296 ng	99
14) 1,2-Dichlorobenzene	8.45	146	123244	27.263 ng	97
15) Benzyl Alcohol	8.33	79	107561	27.291 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	206369	26.982 ng	98
17) 2-Methylphenol	8.53	107	112773	30.309 ng	99
18) Hexachloroethane	9.18	117	46991	29.331 ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	91738	24.976 ng	97
20) 3+4-Methylphenols	8.86	107	154593	29.060 ng	99
22) Acetophenone	8.93	105	179590	27.287 ng	# 99
24) Nitrobenzene	9.32	77	140303	28.829 ng	96
25) Isophorone	9.83	82	261816	30.587 ng	97
26) 2-Nitrophenol	10.03	139	67574	30.822 ng	97
27) 2,4-Dimethylphenol	10.07	122	130709	33.391 ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	166274	29.649 ng	96
29) 2,4-Dichlorophenol	10.56	162	135723	31.141 ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	135451	28.578 ng	98
31) Naphthalene	10.97	128	394865	30.634 ng	98
32) Benzoic acid	10.15	122	19036	7.487 ng	86
33) 4-Chloroaniline	11.08	127	53678	8.863 ng	93
34) Hexachlorobutadiene	11.23	225	80394	28.619 ng	97
35) Caprolactam	11.85	113	46534	26.621 ng	94
36) 4-Chloro-3-methylphenol	12.18	107	144650	29.429 ng	97
37) 2-Methylnaphthalene	12.57	142	302805	32.226 ng	99
38) 1-Methylnaphthalene	12.78	142	287948	31.556 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	158688	28.064 ng	99

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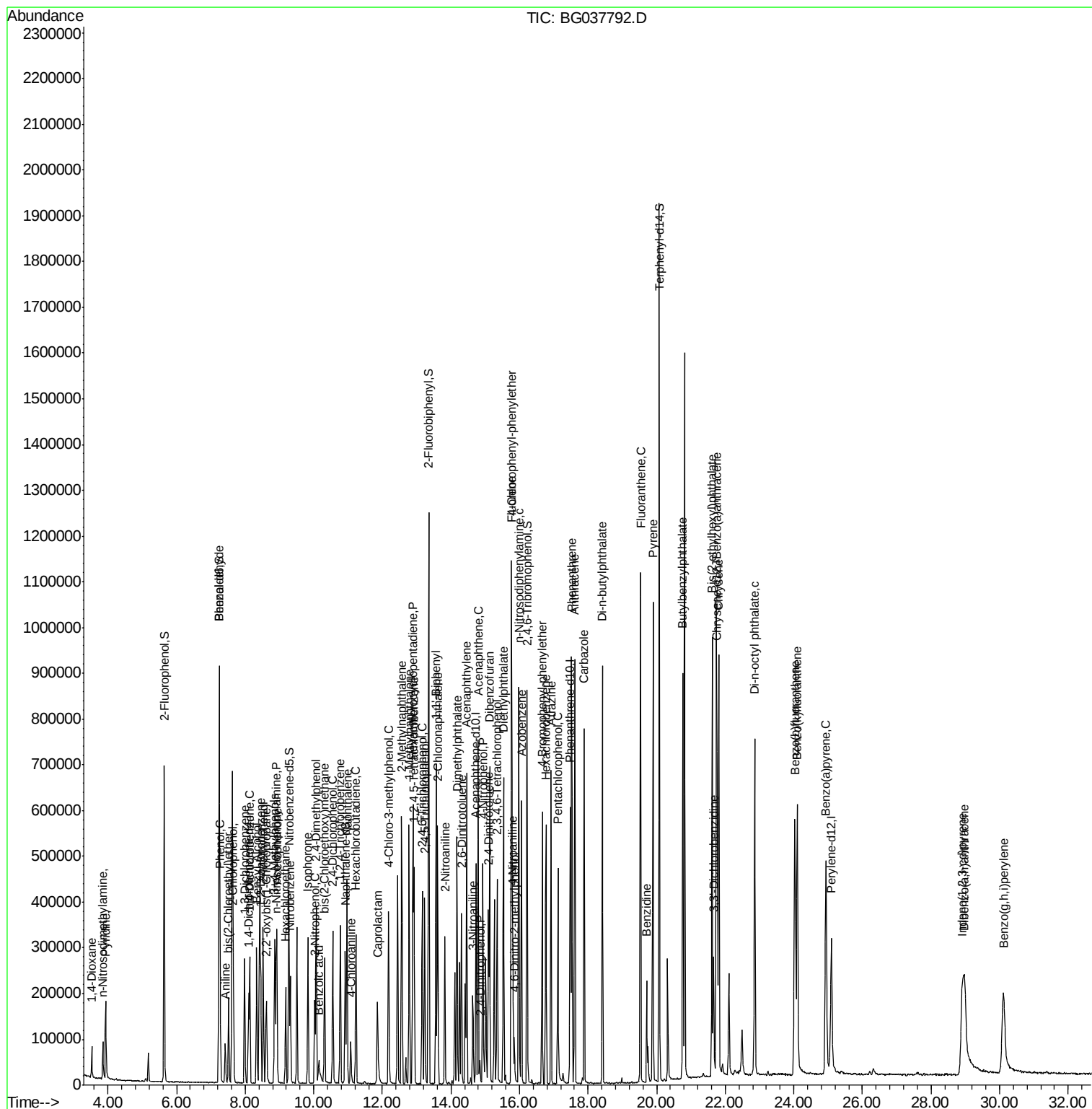
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	187082	69.263	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	111641	29.553	ng	96
44) 2,4,5-Trichlorophenol	13.23	196	122493	29.782	ng	98
46) 1,1'-Biphenyl	13.56	154	393483	27.103	ng	98
47) 2-Chloronaphthalene	13.61	162	312488	28.450	ng	99
48) 2-Nitroaniline	13.82	65	98041	29.434	ng	93
49) Acenaphthylene	14.46	152	512703	31.031	ng	99
50) Dimethylphthalate	14.18	163	392060	28.909	ng	99
51) 2,6-Dinitrotoluene	14.31	165	88564	29.520	ng	92
52) Acenaphthene	14.80	154	294639	28.955	ng	99
53) 3-Nitroaniline	14.65	138	57650	17.309	ng	# 90
54) 2,4-Dinitrophenol	14.84	184	15261	23.902	ng	99
55) Dibenzofuran	15.13	168	484576	28.742	ng	99
56) 4-Nitrophenol	14.93	139	159495	64.696	ng	100
57) 2,4-Dinitrotoluene	15.09	165	123400	31.334	ng	94
58) Fluorene	15.78	166	389905	30.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	100047	28.410	ng	98
60) Diethylphthalate	15.53	149	399919	28.723	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	203477	27.651	ng	97
62) 4-Nitroaniline	15.80	138	88795	26.830	ng	93
63) Azobenzene	16.06	77	374804	28.214	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	26453	19.129	ng	97
66) n-Nitrosodiphenylamine	15.98	169	346361	29.488	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	125909	29.362	ng	97
68) Hexachlorobenzene	16.77	284	127434	28.674	ng	93
69) Atrazine	16.92	200	127128	29.935	ng	100
70) Pentachlorophenol	17.12	266	102266	34.353	ng	92
71) Phenanthrene	17.52	178	618472	31.164	ng	99
72) Anthracene	17.61	178	634592	32.584	ng	99
73) Carbazole	17.88	167	558269	28.656	ng	99
74) Di-n-butylphthalate	18.42	149	665720	30.719	ng	99
75) Fluoranthene	19.53	202	710796	31.579	ng	99
77) Benzidine	19.71	184	144801	12.033	ng	99
78) Pyrene	19.89	202	720163	31.129	ng	99
80) Butylbenzylphthalate	20.76	149	297513	31.423	ng	94
81) Benzo(a)anthracene	21.74	228	669845	32.000	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	120525	14.855	ng	98
83) Chrysene	21.81	228	627986	31.199	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	420947	31.718	ng	100
85) Di-n-octyl phthalate	22.86	149	712781	32.936	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	554192	25.671	ng	98
88) Benzo(b)fluoranthene	24.03	252	632268	32.018	ng	99
89) Benzo(k)fluoranthene	24.10	252	632527	32.694	ng	99
90) Benzo(a)pyrene	24.94	252	601283	32.044	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	446075	25.772	ng	98
92) Benzo(g,h,i)perylene	30.11	276	445099	25.418	ng	99

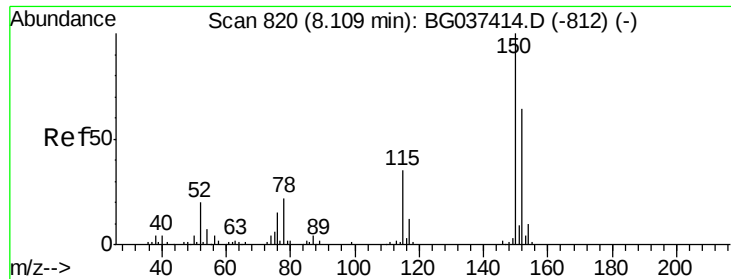
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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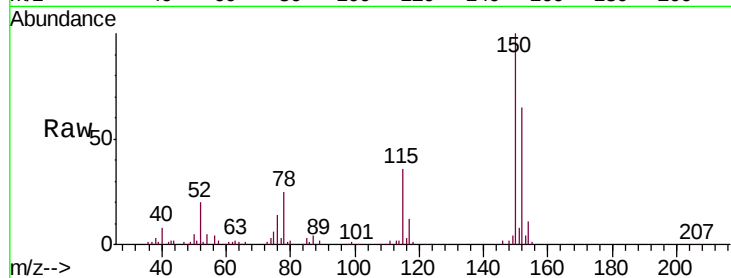


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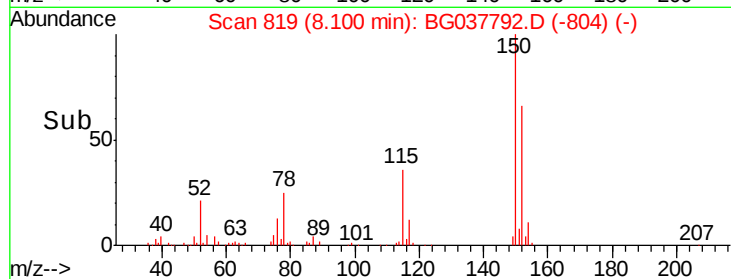
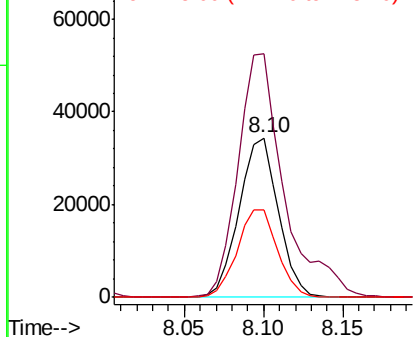
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037792.D
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Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:152 Resp: 58975
Ion Ratio Lower Upper
152 100
150 152.9 126.0 189.0
115 54.8 45.5 68.3



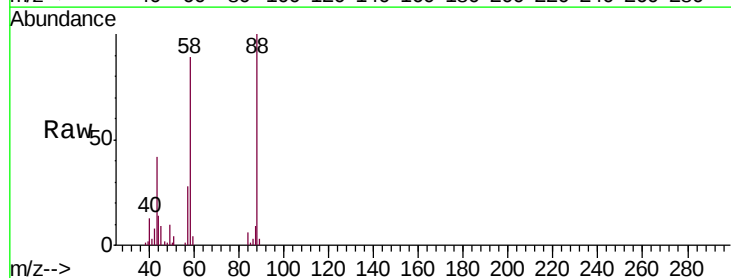
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



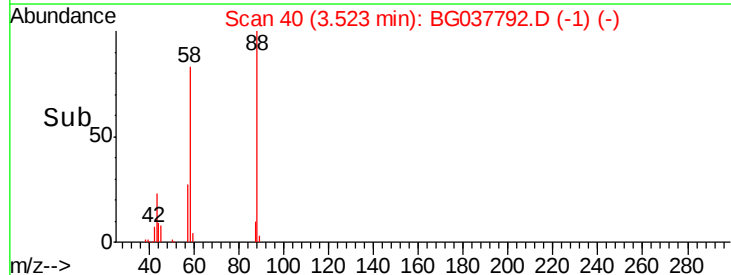
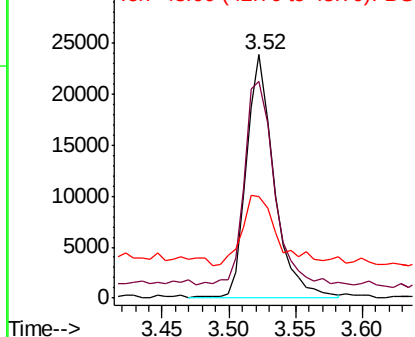
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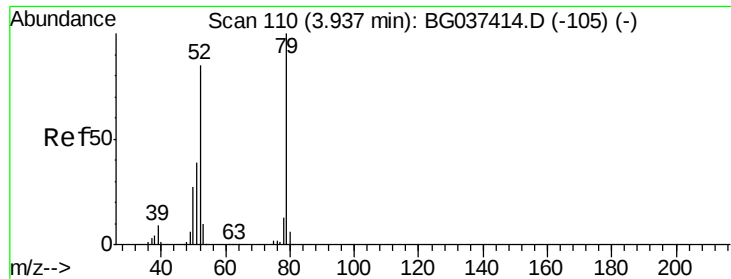
1,4-Dioxane
Concen: 19.190 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion: 88 Resp: 34329
Ion Ratio Lower Upper
88 100
58 88.7 74.4 111.6
43 36.8 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

Pyridine

Concen: 23.148 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

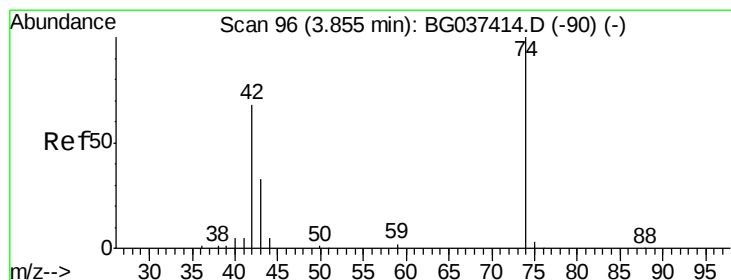
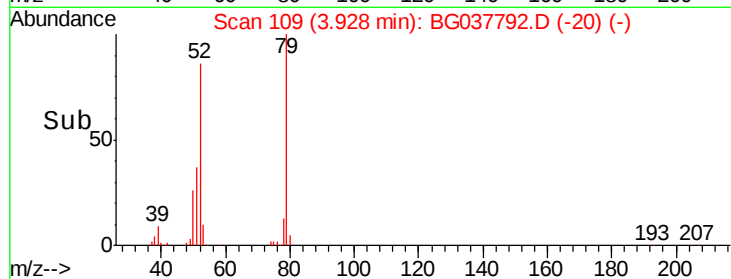
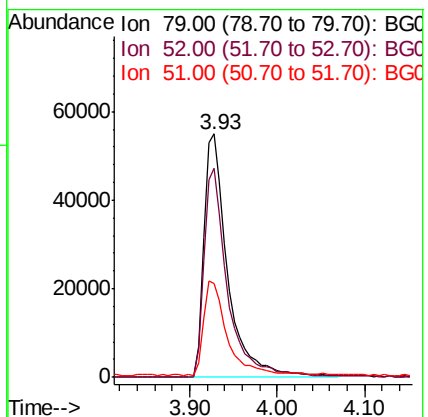
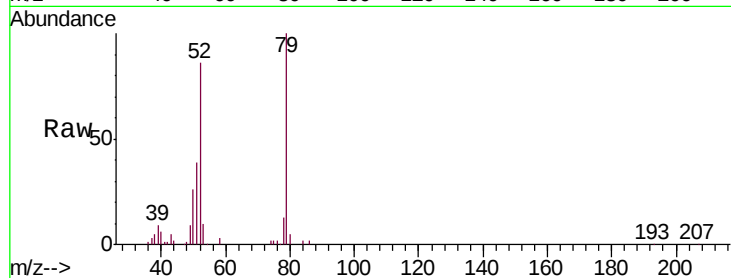
Tgt Ion: 79 Resp: 104371

Ion Ratio Lower Upper

79 100

52 85.7 74.2 111.2

51 38.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 28.659 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

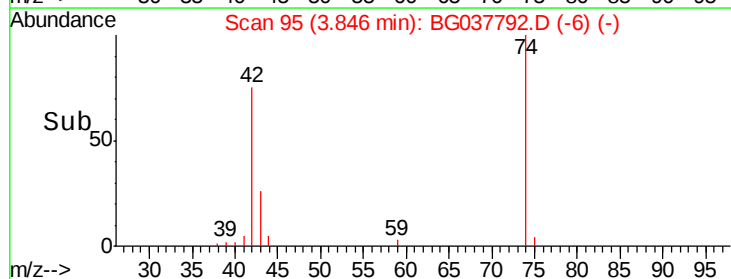
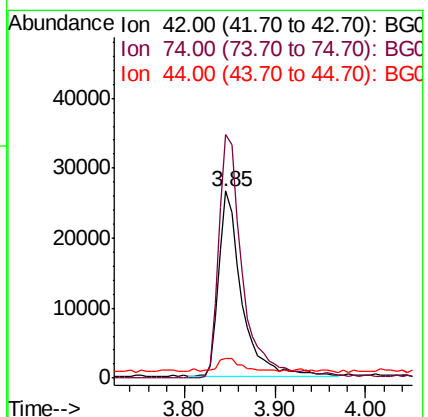
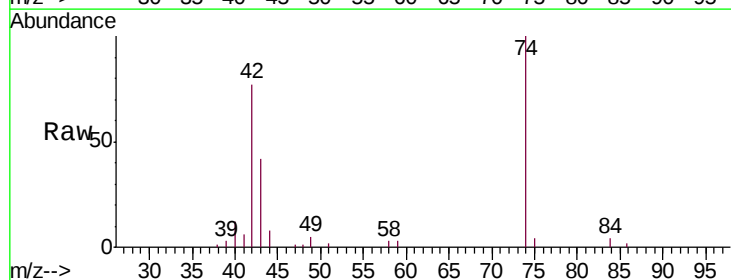
Tgt Ion: 42 Resp: 46026

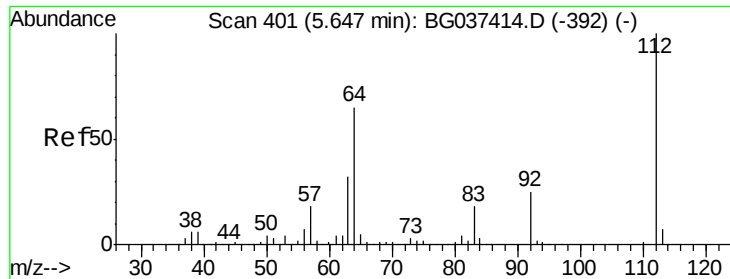
Ion Ratio Lower Upper

42 100

74 130.0 102.0 153.0

44 10.4 9.6 14.4





#5

2-Fluorophenol

Concen: 90.650 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

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ClientSampleId :

PB114440BS

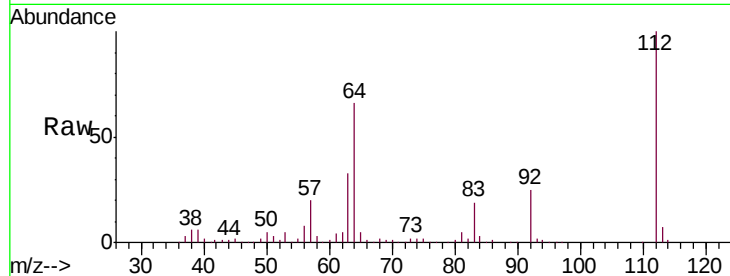
Tgt Ion: 112 Resp: 319769

Ion Ratio Lower Upper

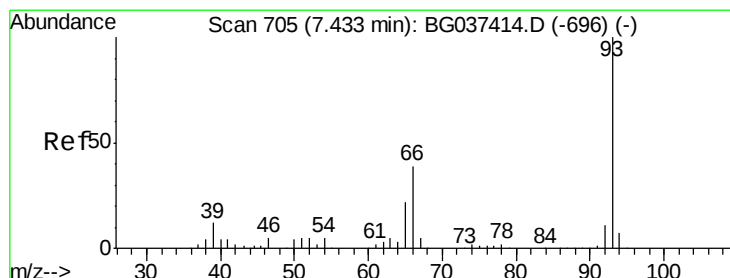
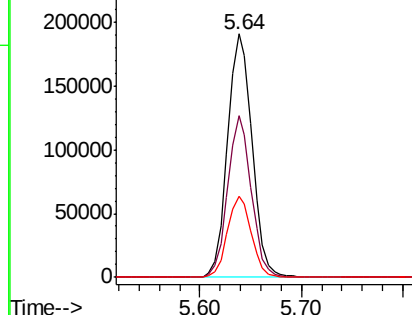
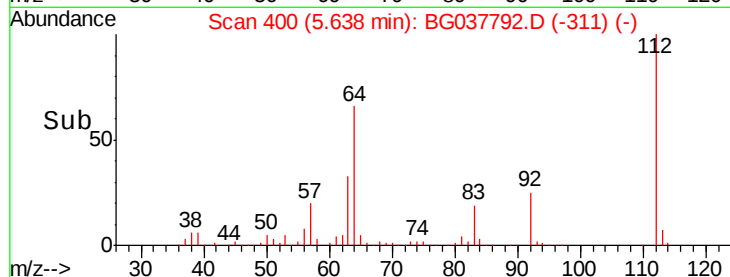
112 100

64 66.3 53.1 79.7

63 33.4 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: 9.320 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

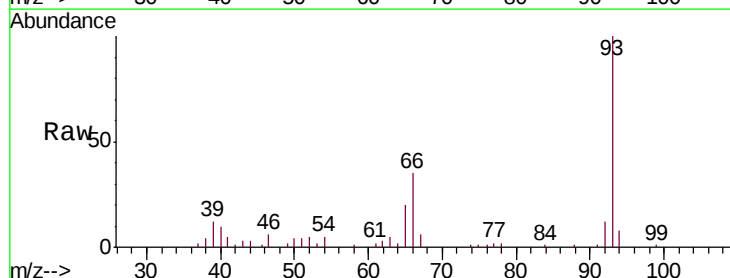
Tgt Ion: 93 Resp: 60647

Ion Ratio Lower Upper

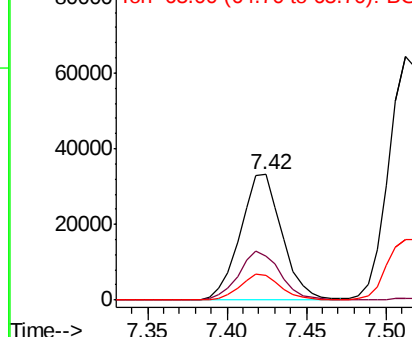
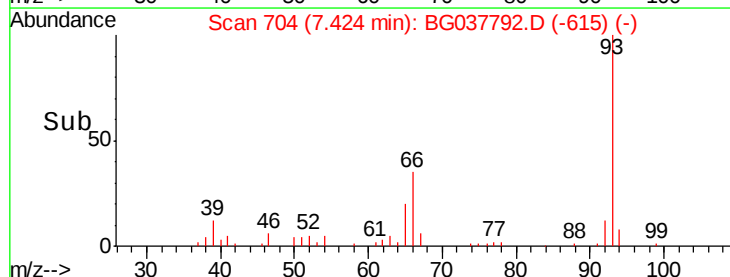
93 100

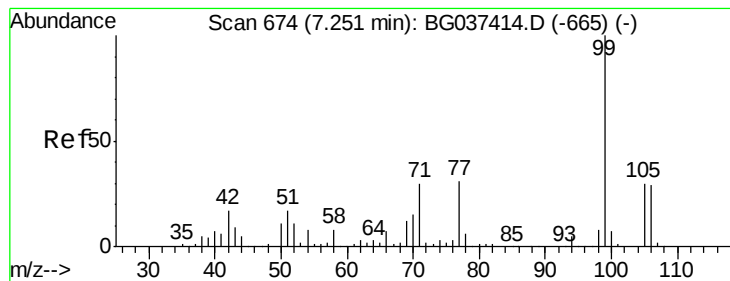
66 35.2 32.8 49.2

65 20.2 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: 85.647 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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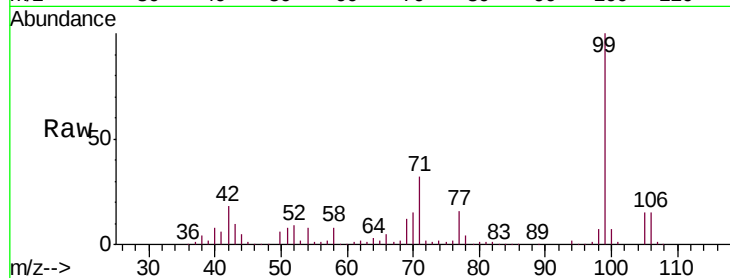
Tgt Ion: 99 Resp: 456844

Ion Ratio Lower Upper

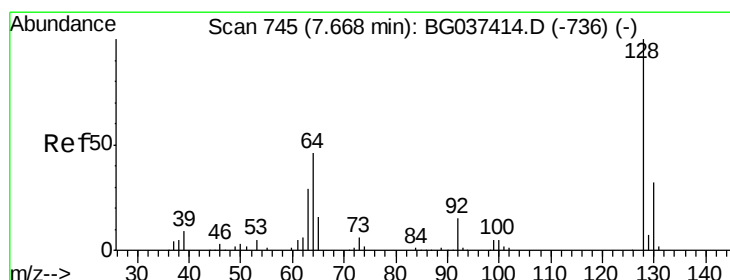
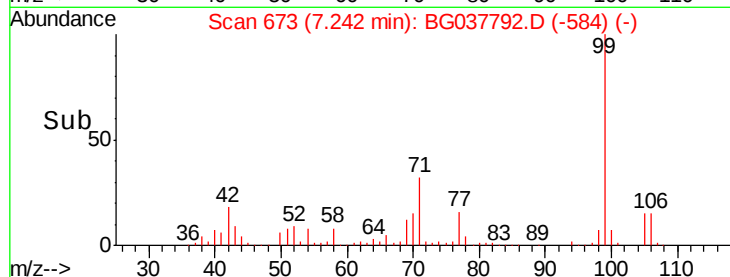
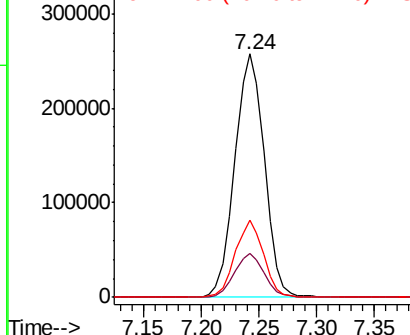
99 100

42 18.1 15.0 22.4

71 31.9 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: 30.469 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

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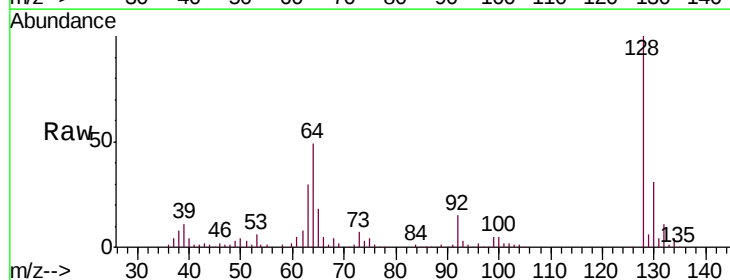
Tgt Ion: 128 Resp: 125735

Ion Ratio Lower Upper

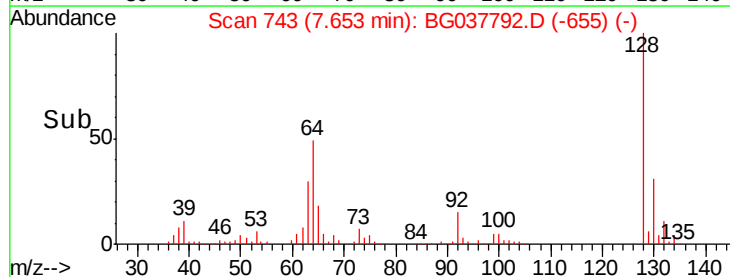
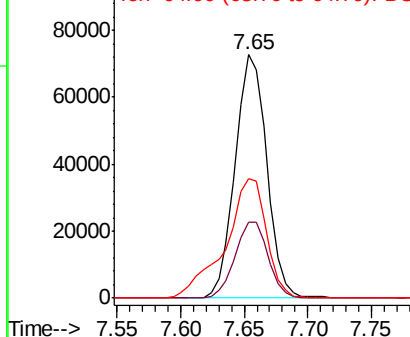
128 100

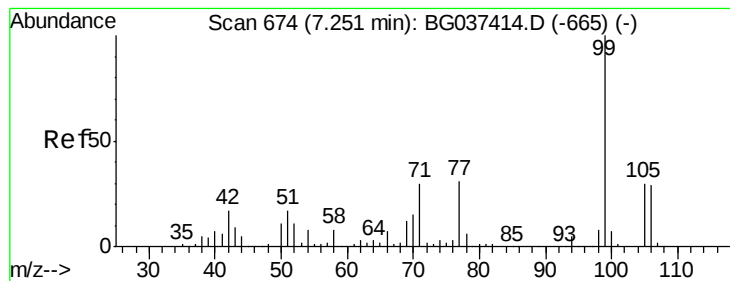
130 31.2 12.0 52.0

64 49.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.659 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

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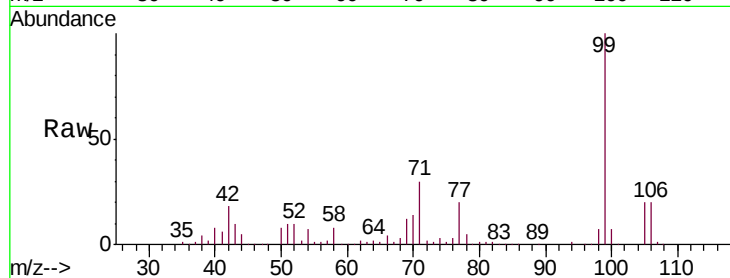
Tgt Ion: 77 Resp: 82279

Ion Ratio Lower Upper

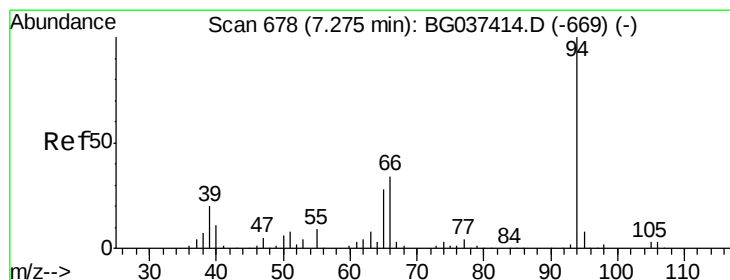
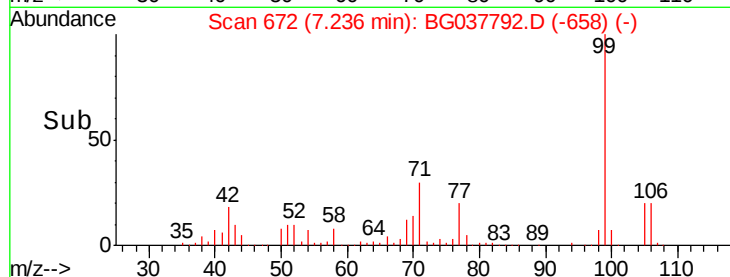
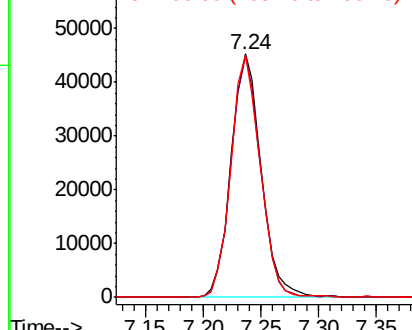
77 100

105 99.1 72.6 112.6

106 99.4 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: 28.805 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

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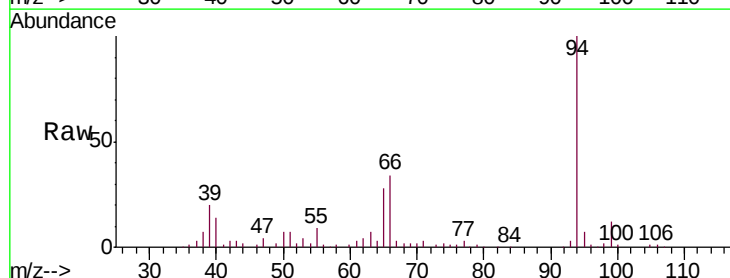
Tgt Ion: 94 Resp: 162114

Ion Ratio Lower Upper

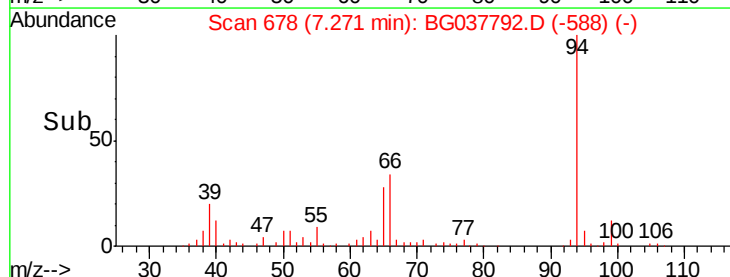
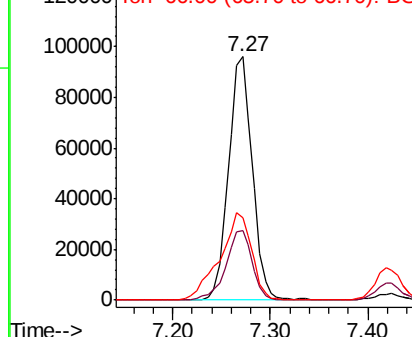
94 100

65 28.4 9.7 49.7

66 33.8 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

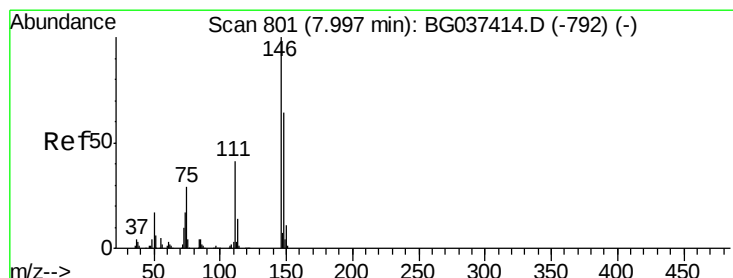
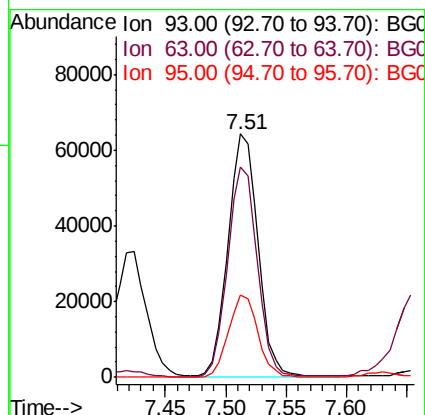
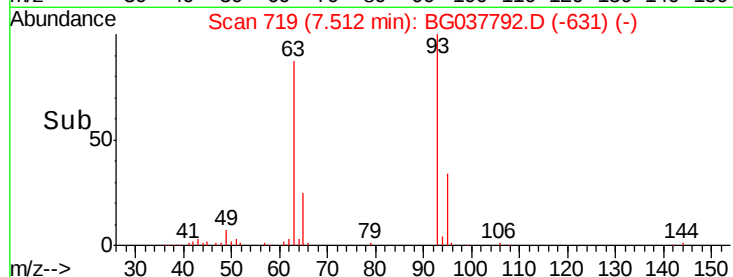
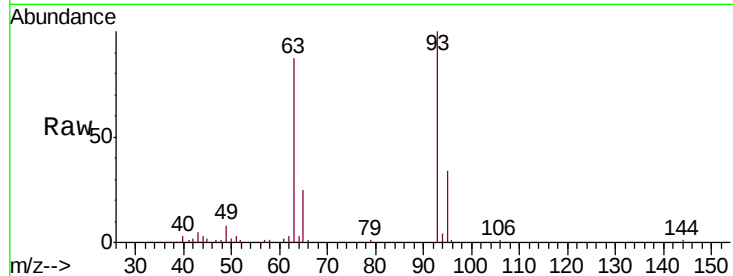




#11
bis(2-Chloroethyl)ether
Concen: 26.288 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

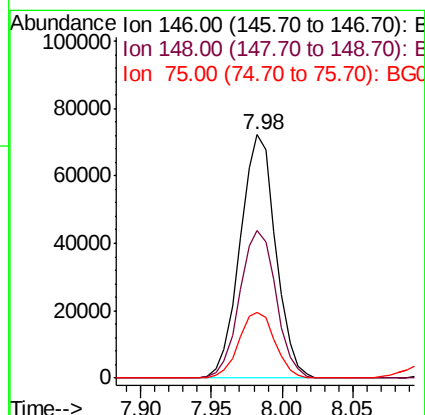
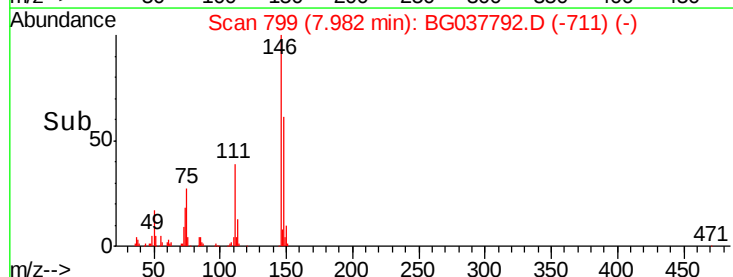
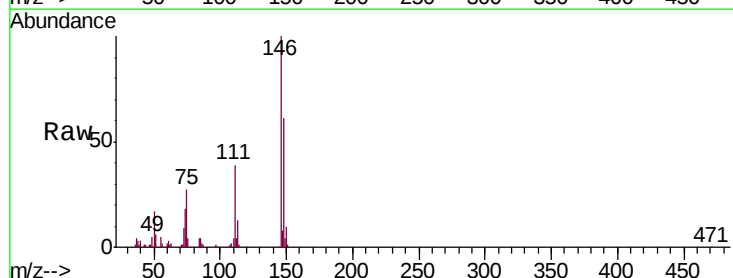
Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion: 93 Resp: 112366
Ion Ratio Lower Upper
93 100
63 86.6 69.5 109.5
95 33.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 27.699 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion: 146 Resp: 127254
Ion Ratio Lower Upper
146 100
148 60.8 49.8 74.8
75 27.2 23.2 34.8

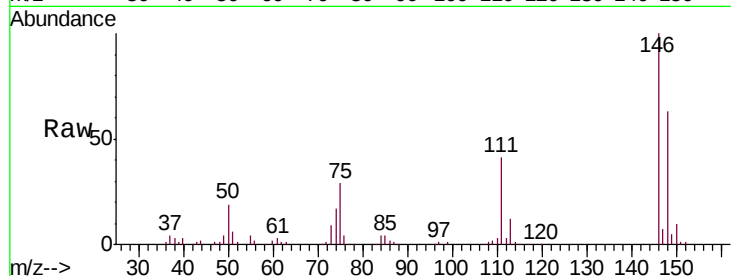




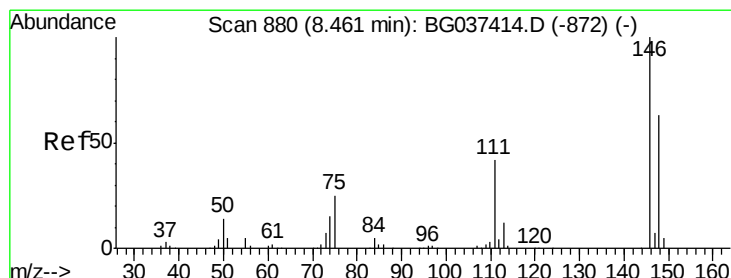
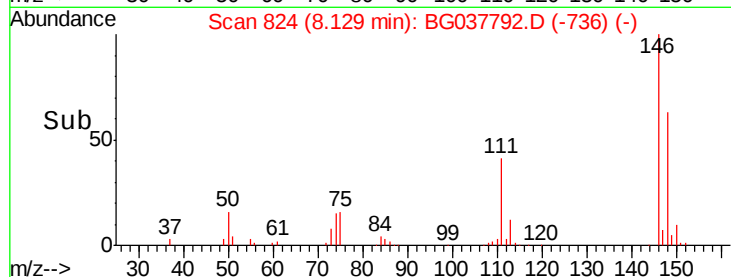
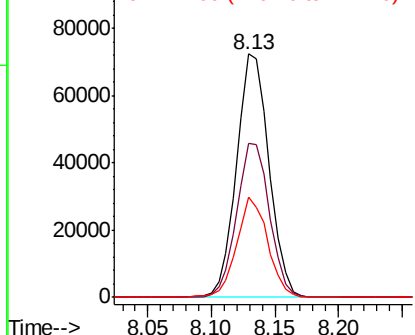
#13
 1,4-Dichlorobenzene
 Concen: 27.296 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleID :
 PB114440BS

Tgt Ion:146 Resp: 128274
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 41.3 32.4 48.6

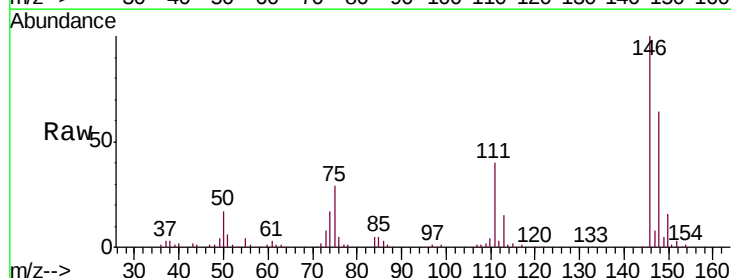


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

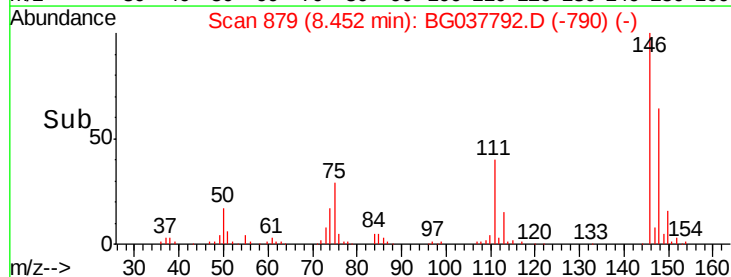
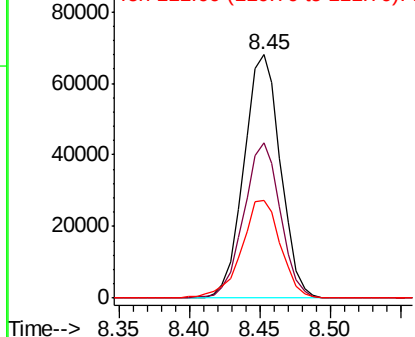


#14
 1,2-Dichlorobenzene
 Concen: 27.263 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:146 Resp: 123244
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 40.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 27.291 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

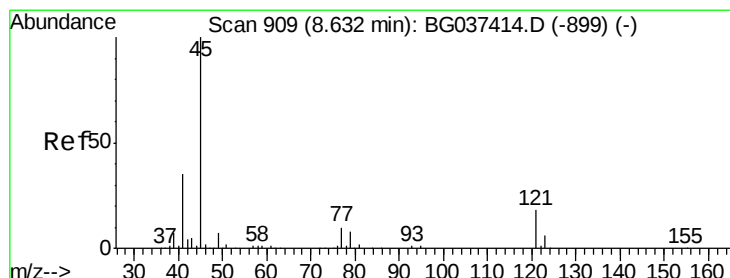
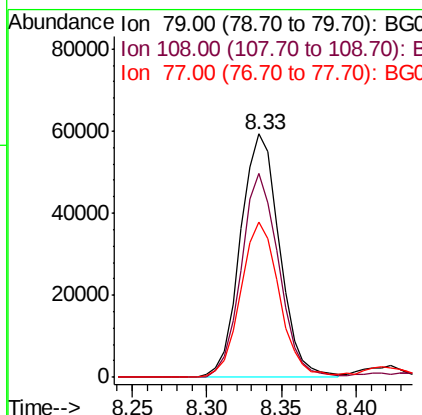
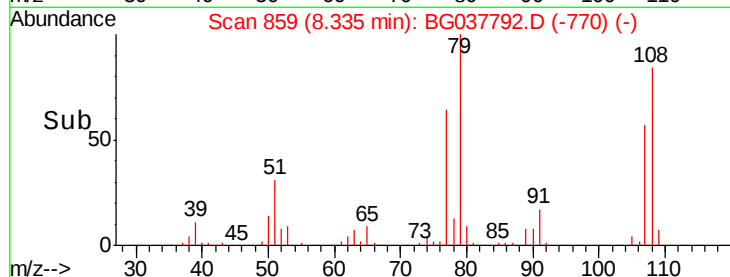
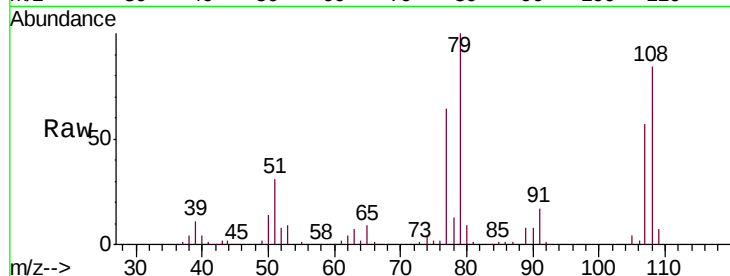
Tgt Ion: 79 Resp: 107561

Ion Ratio Lower Upper

79 100

108 83.5 65.8 98.8

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.982 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

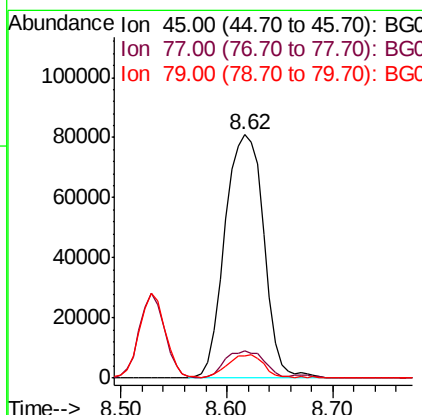
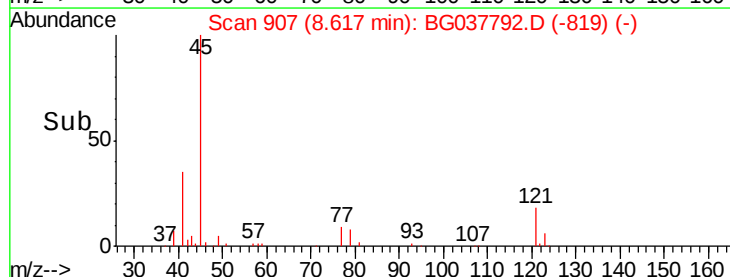
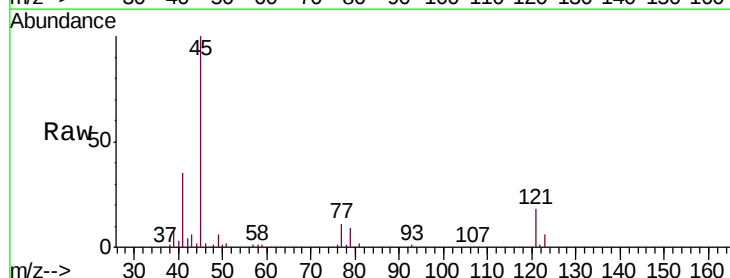
Tgt Ion: 45 Resp: 206369

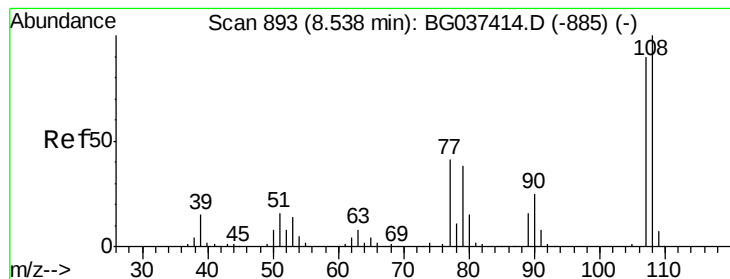
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 8.9 0.0 29.0





#17

2-Methylphenol

Concen: 30.309 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tgt Ion:107 Resp: 112773

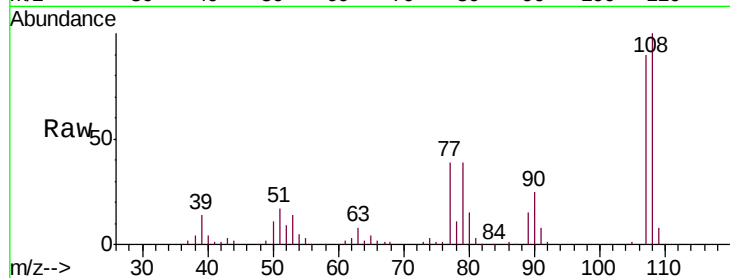
Ion Ratio Lower Upper

107 100

108 111.0 87.9 131.9

77 43.6 35.1 52.7

79 43.2 34.5 51.7

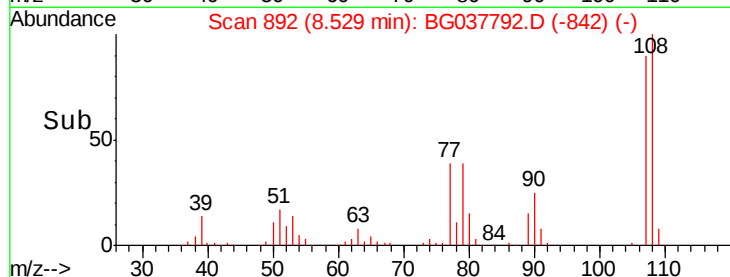


Abundance Ion 107.00 (106.70 to 107.70): E

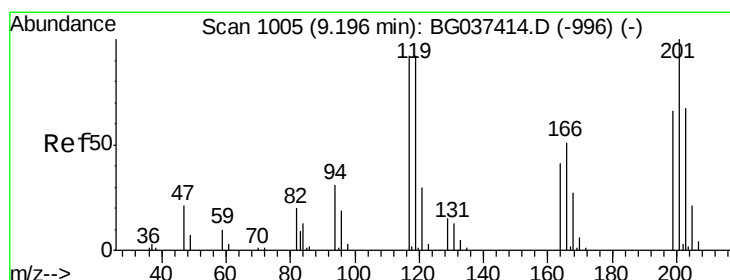
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 29.331 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

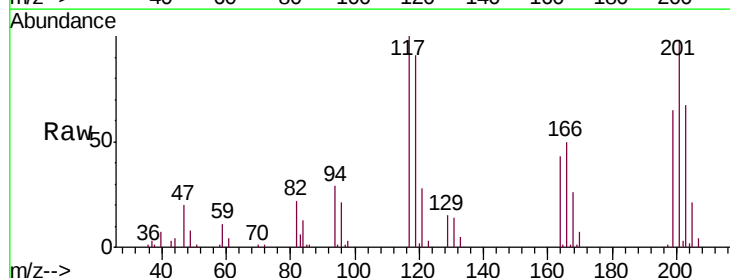
Tgt Ion:117 Resp: 46991

Ion Ratio Lower Upper

117 100

119 91.5 74.6 111.8

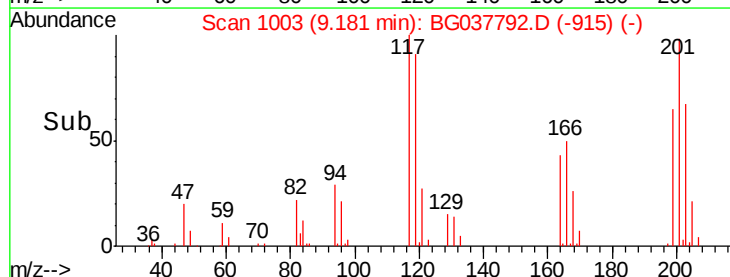
201 98.2 80.8 121.2



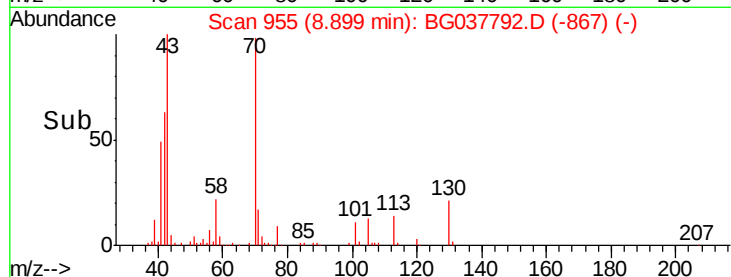
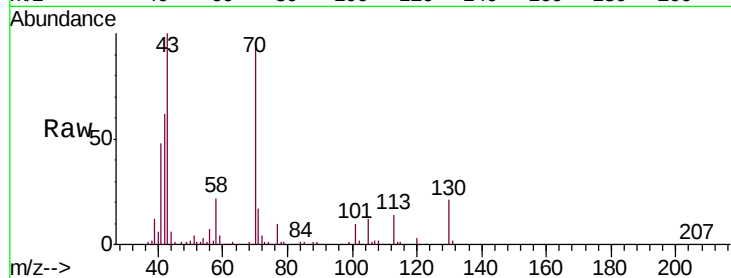
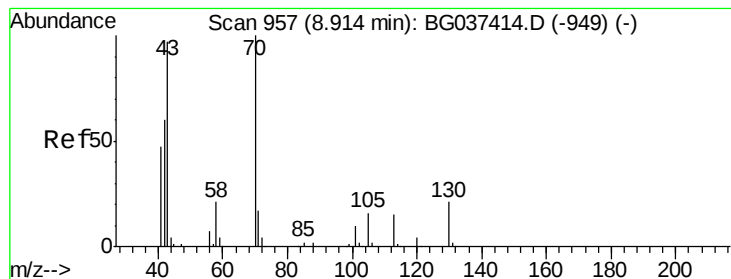
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 24.976 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tgt Ion: 70 Resp: 91738

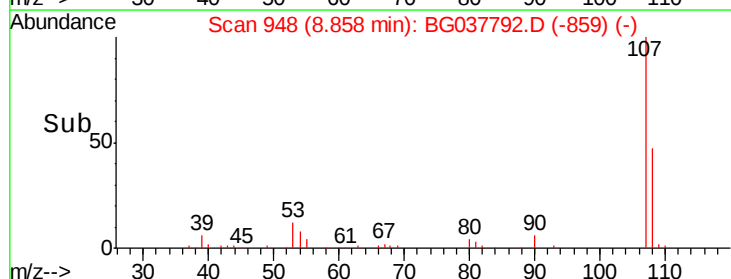
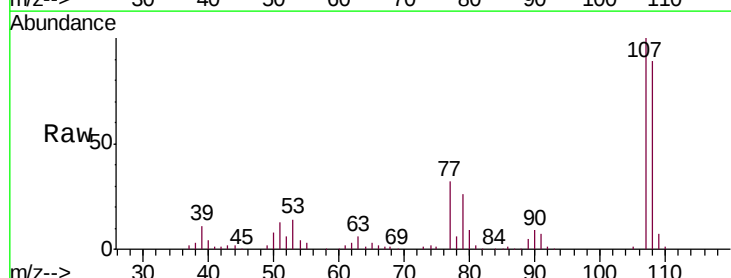
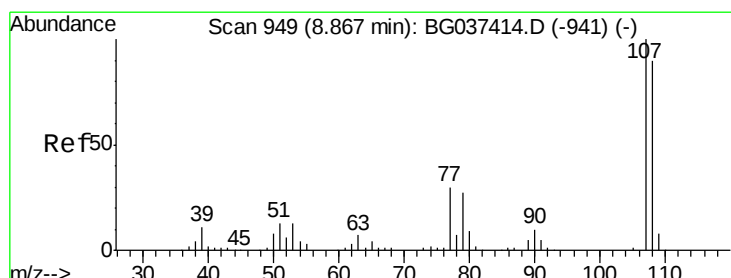
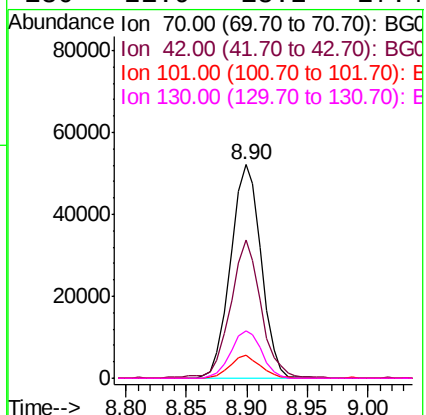
Ion Ratio Lower Upper

70 100

42 64.7 53.9 80.9

101 10.8 8.2 12.2

130 21.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 29.060 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion: 107 Resp: 154593

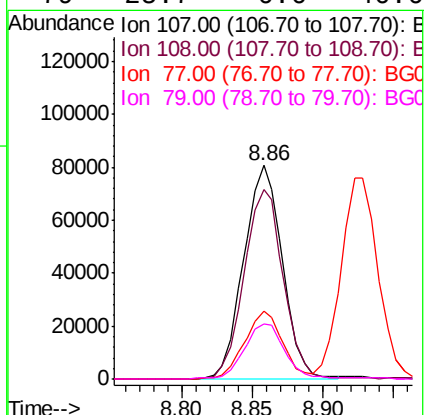
Ion Ratio Lower Upper

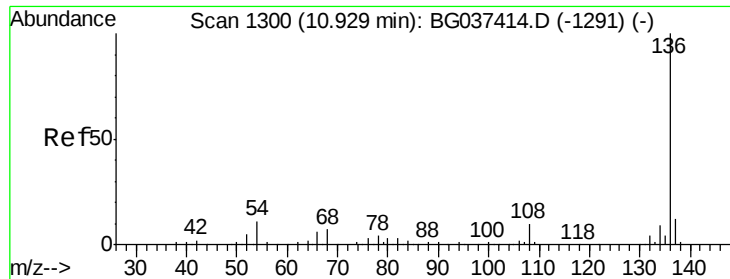
107 100

108 88.7 69.9 109.9

77 31.6 11.2 51.2

79 25.7 6.6 46.6

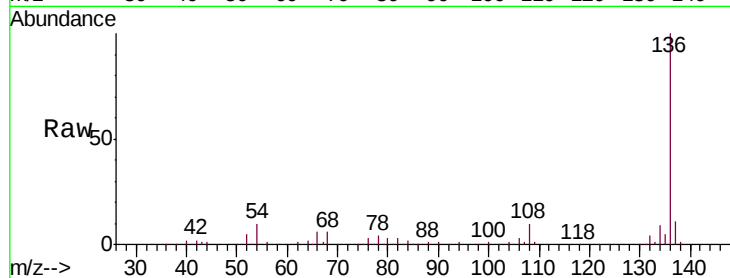




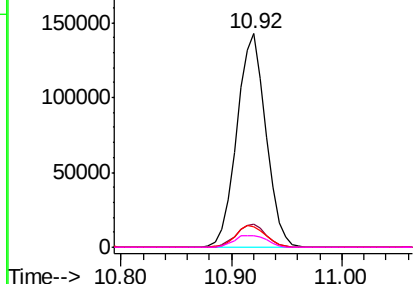
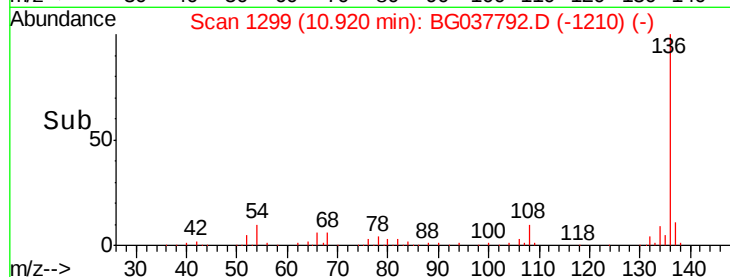
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:	136	Resp:	262430
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	9.6	7.9	11.9
68	5.7	4.8	7.2

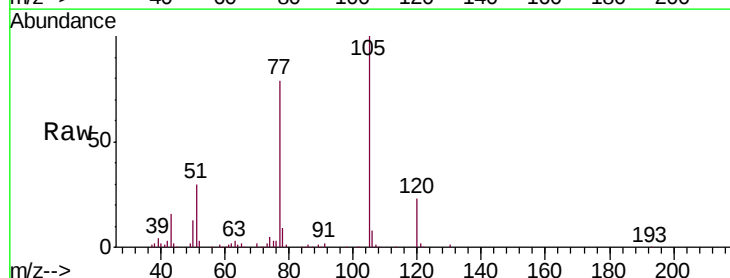


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

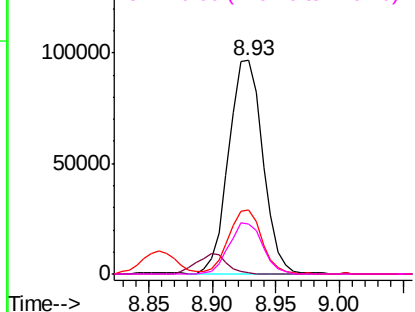
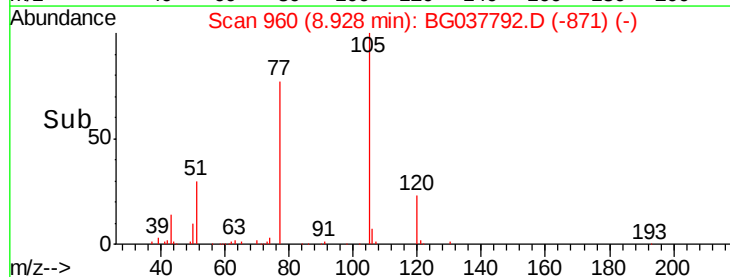


#22
Acetophenone
Concen: 27.287 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:	105	Resp:	179590
Ion	Ratio	Lower	Upper
105	100		
71	0.3	1.2	1.8#
51	30.2	25.0	37.6
120	23.2	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

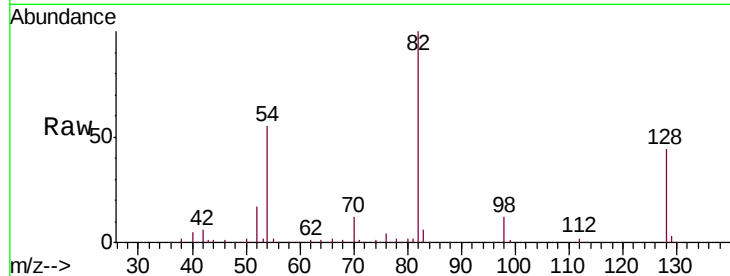




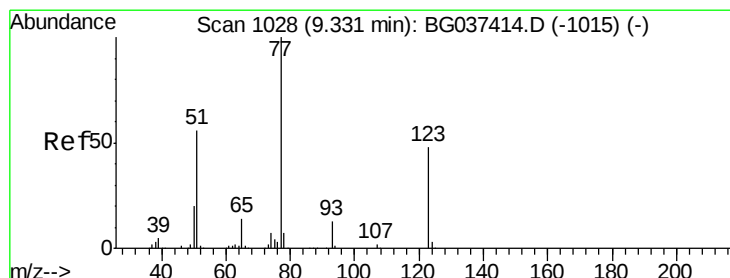
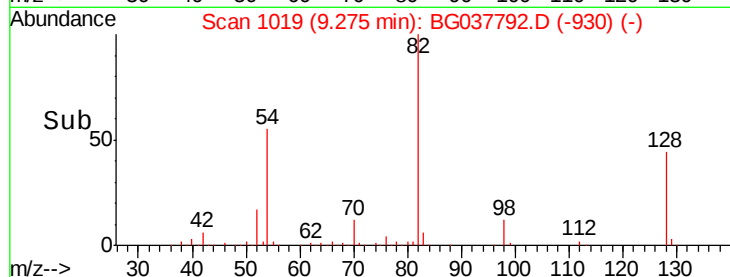
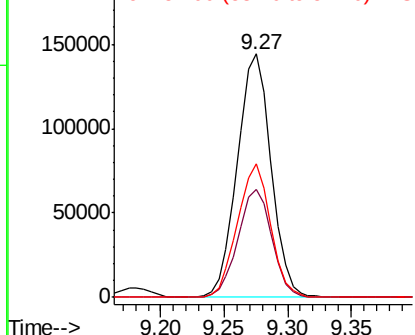
#23
 Nitrobenzene-d5
 Concen: 57.009 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	54.9	45.3	67.9

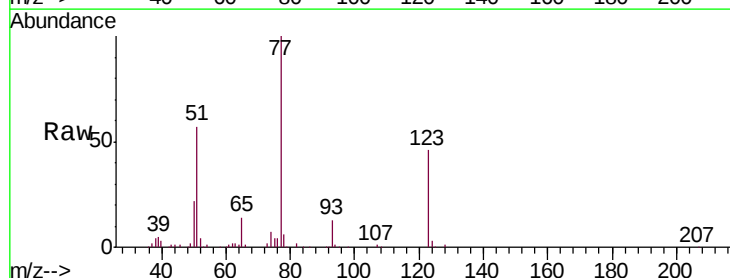


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

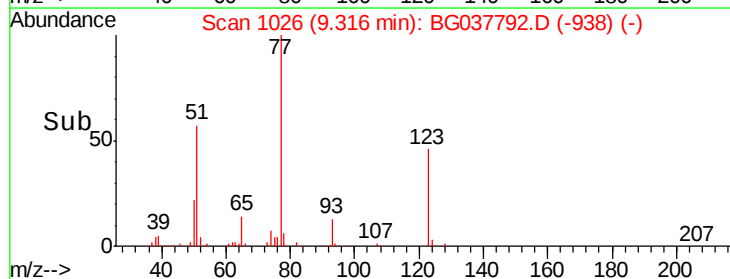
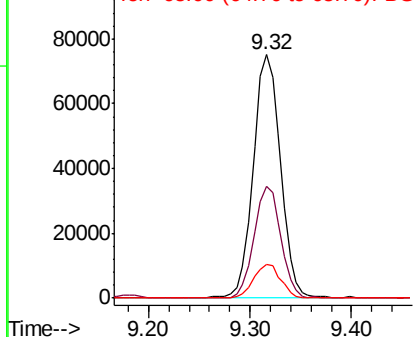


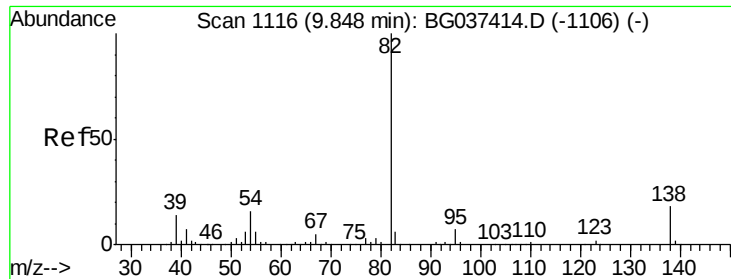
#24
 Nitrobenzene
 Concen: 28.829 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.6	50.4
65	14.0	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

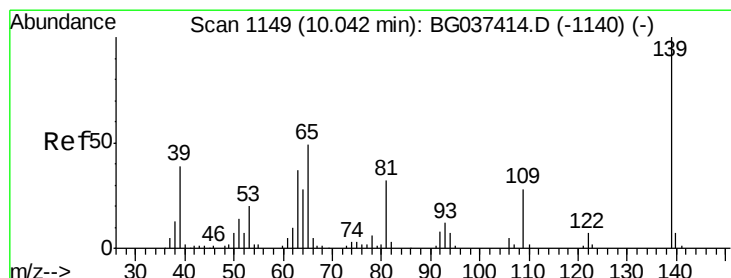
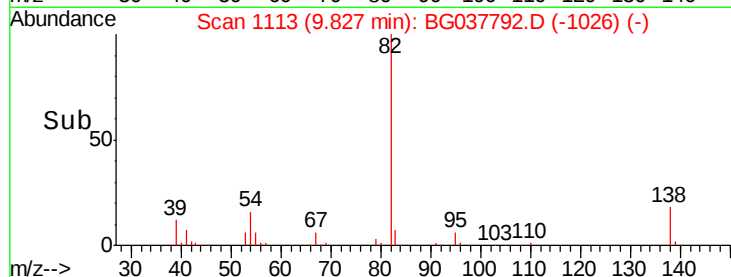
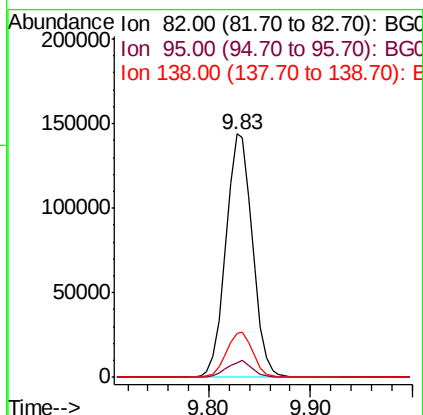
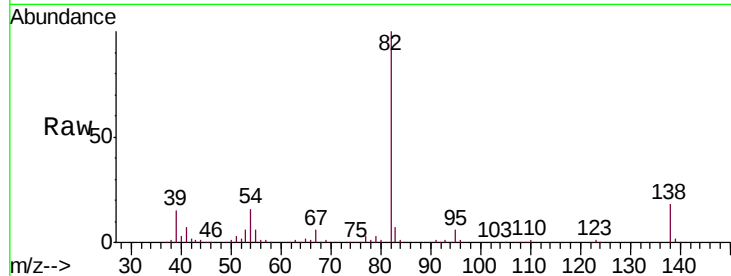




#25
Isophorone
Concen: 30.587 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

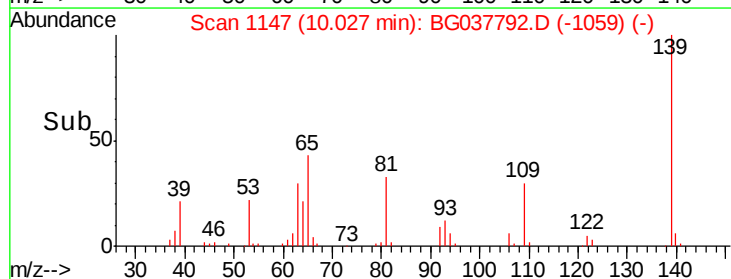
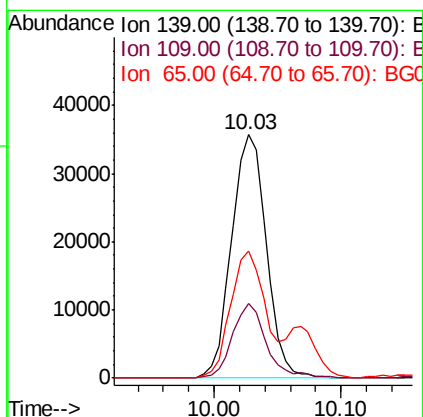
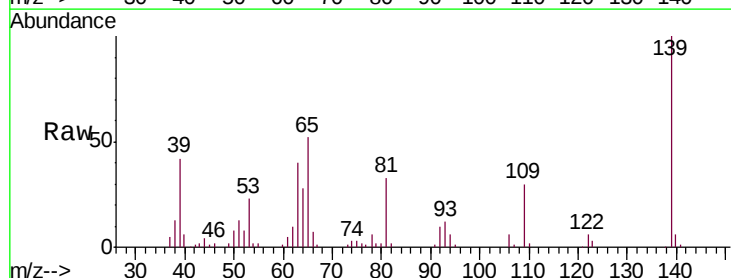
Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion: 82 Resp: 261816
Ion Ratio Lower Upper
82 100
95 6.2 5.3 7.9
138 18.2 13.3 19.9



#26
2-Nitrophenol
Concen: 30.822 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion: 139 Resp: 67574
Ion Ratio Lower Upper
139 100
109 30.5 23.3 34.9
65 52.2 39.8 59.8

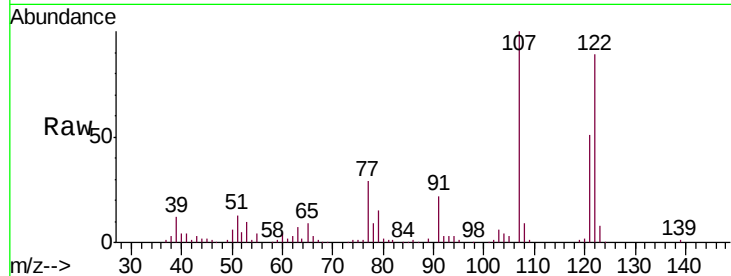




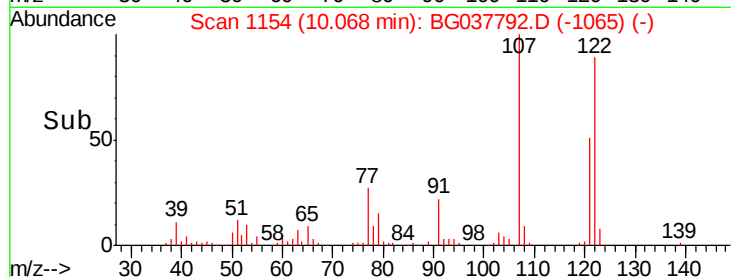
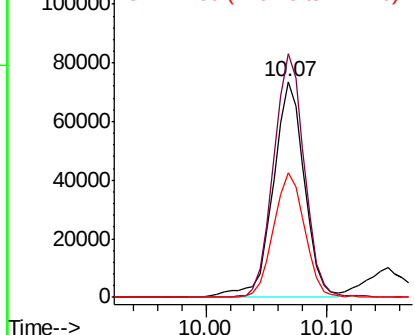
#27
2,4-Dimethylphenol
Concen: 33.391 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampled :
PB114440BS

Tgt Ion:122 Resp: 130709
Ion Ratio Lower Upper
122 100
107 112.8 94.2 141.2
121 57.4 47.3 70.9

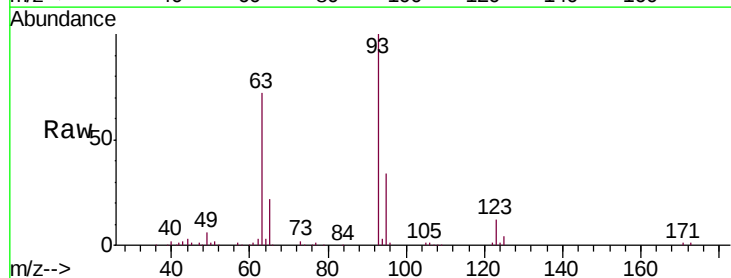


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

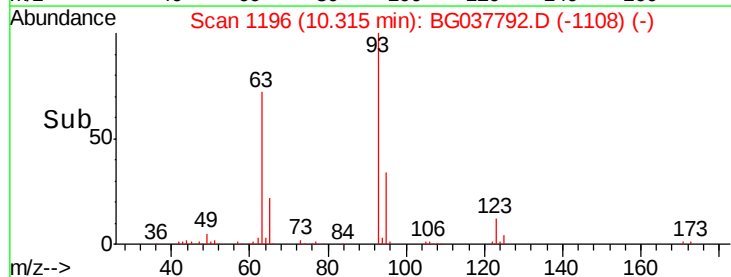
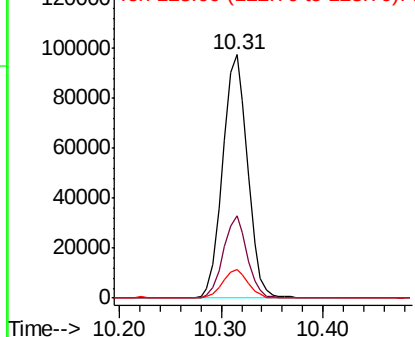


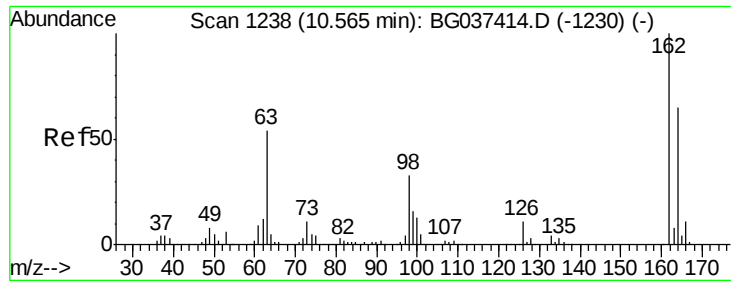
#28
bis(2-Chloroethoxy)methane
Concen: 29.649 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion: 93 Resp: 166274
Ion Ratio Lower Upper
93 100
95 33.9 24.6 37.0
123 11.5 9.1 13.7



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

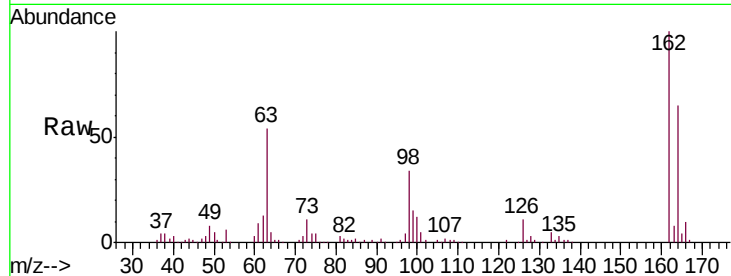




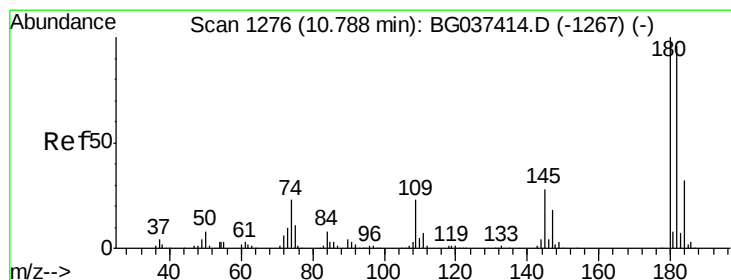
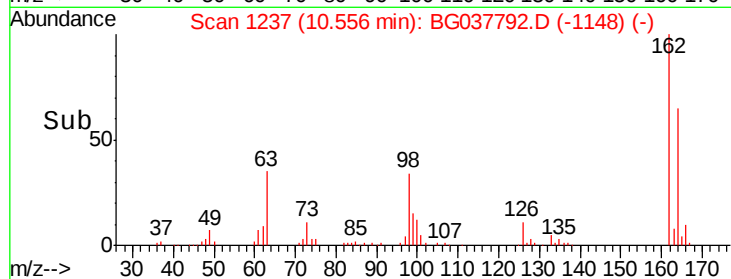
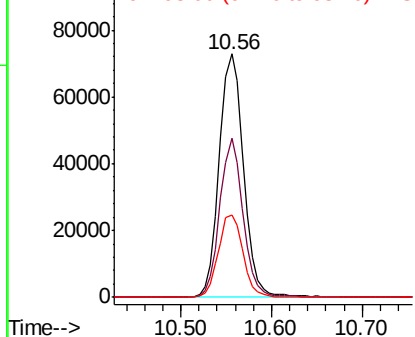
#29
2,4-Dichlorophenol
Concen: 31.141 ng
RT: 10.56 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:162 Resp: 135723
Ion Ratio Lower Upper
162 100
164 65.2 43.2 83.2
98 33.9 16.0 56.0

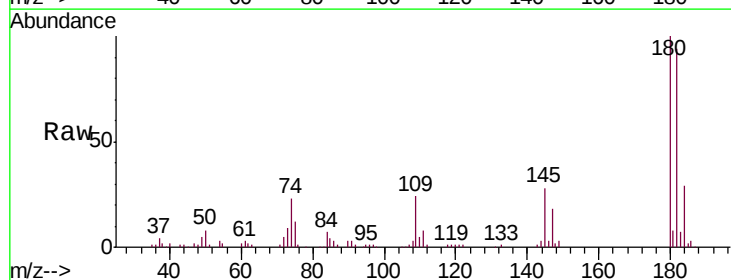


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

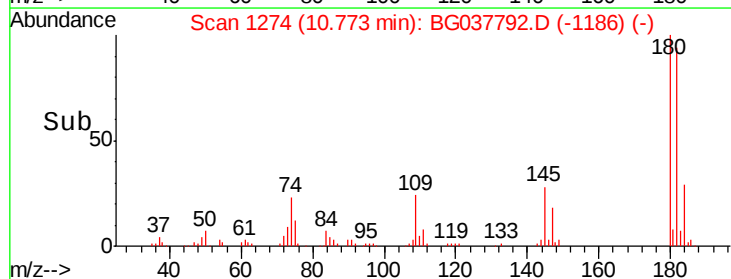
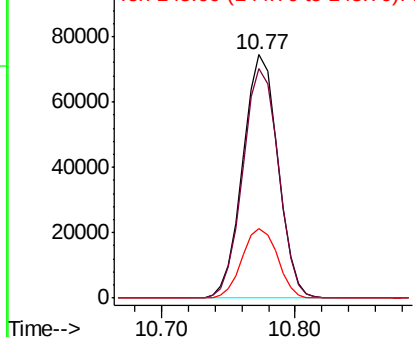


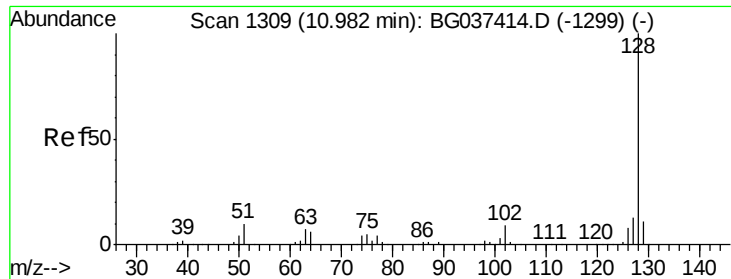
#30
1,2,4-Trichlorobenzene
Concen: 28.578 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:180 Resp: 135451
Ion Ratio Lower Upper
180 100
182 94.3 77.7 116.5
145 28.5 23.3 34.9



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

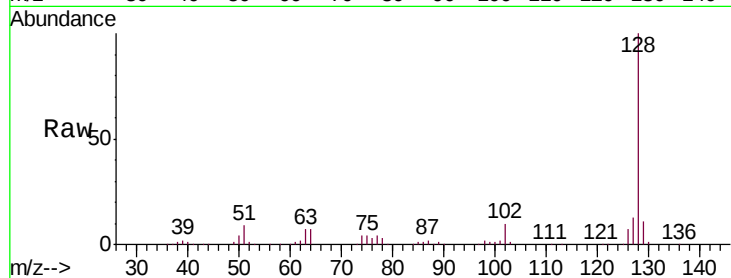




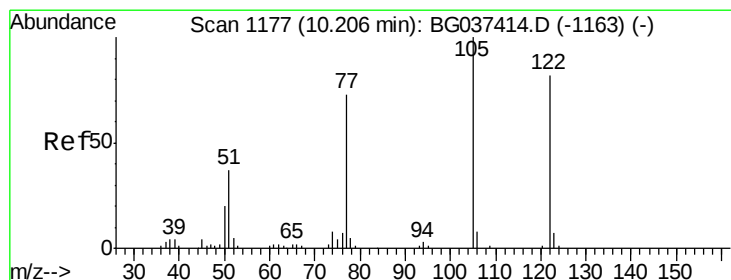
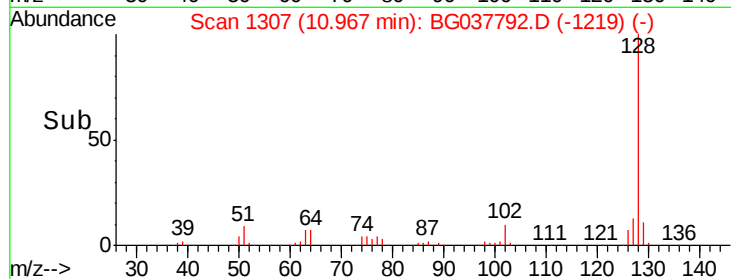
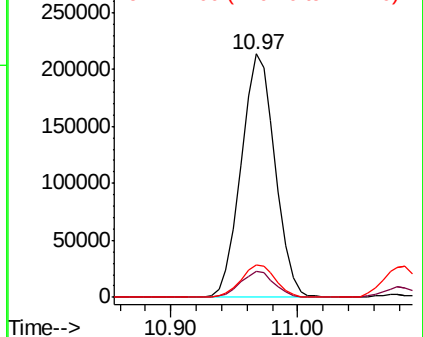
#31
Naphthalene
Concen: 30.634 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:128 Resp: 394865
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.3 11.1 16.7

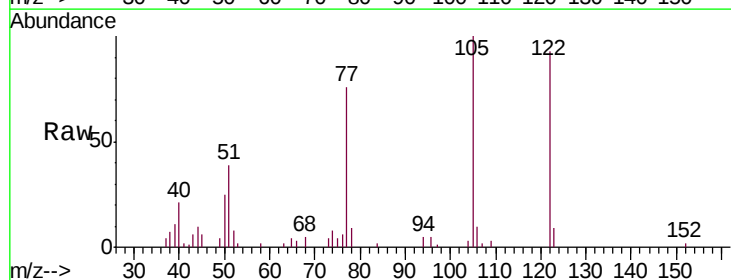


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

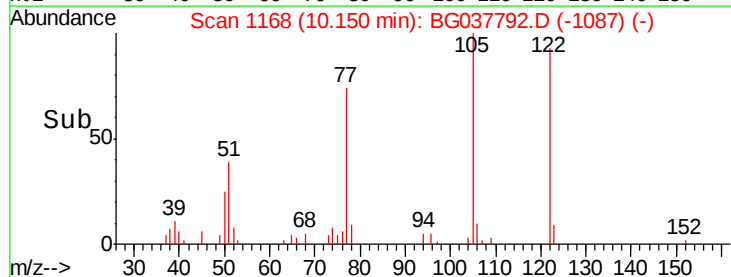
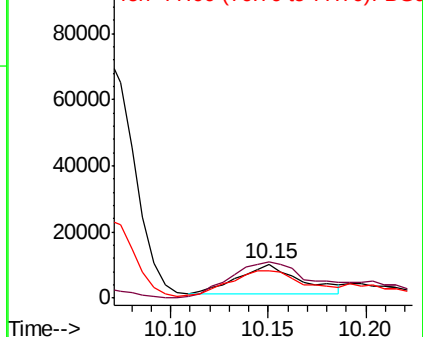


#32
Benzoic acid
Concen: 7.487 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:122 Resp: 19036
Ion Ratio Lower Upper
122 100
105 107.9 106.7 146.7
77 82.0 72.2 112.2



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

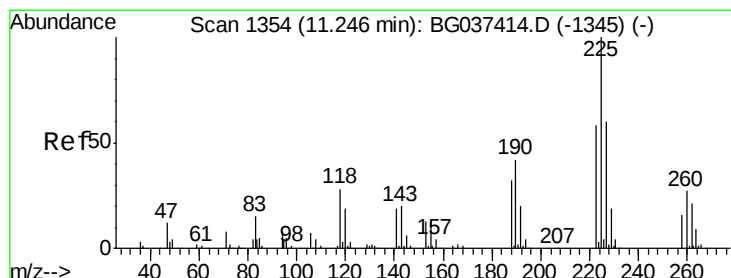
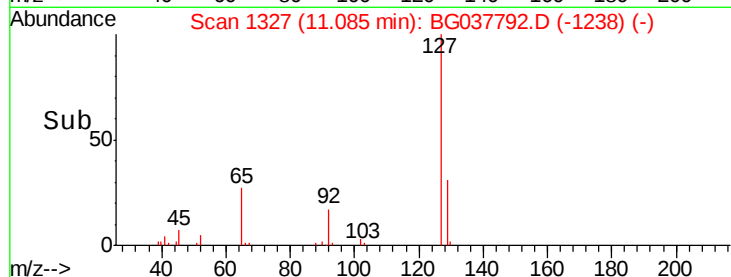
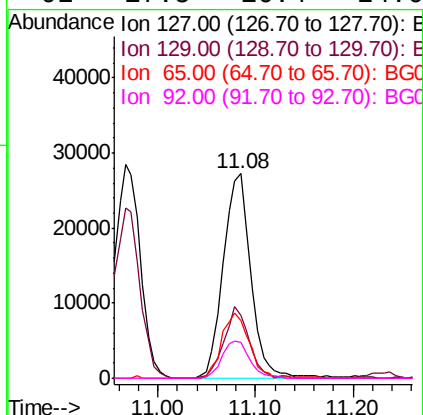
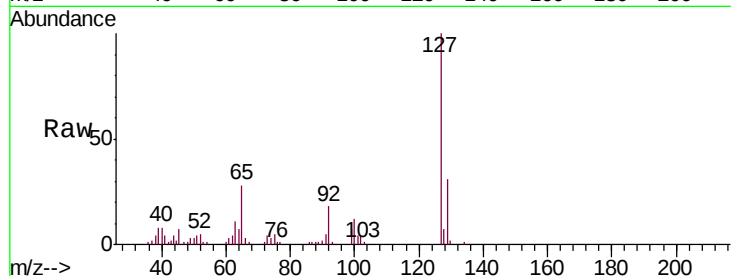




#33
4-Chloroaniline
Concen: 8.863 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

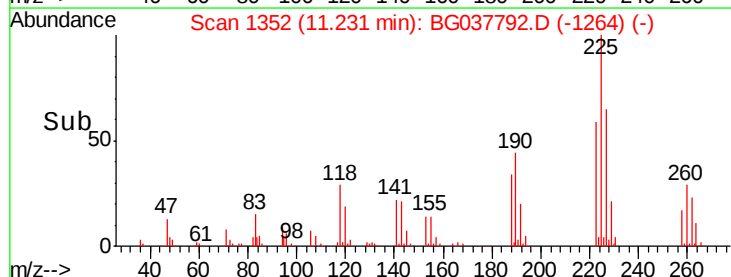
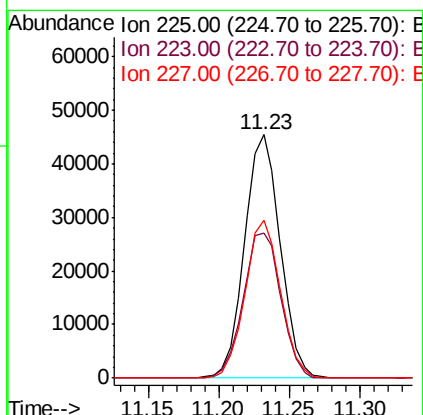
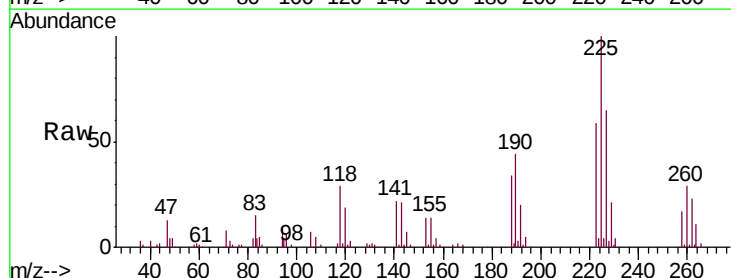
Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:	127	Resp:	53678
Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.1	40.7
65	28.0	26.6	39.8
92	17.5	16.4	24.6



#34
Hexachlorobutadiene
Concen: 28.619 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:	225	Resp:	80394
Ion	Ratio	Lower	Upper
225	100		
223	57.1	48.2	72.4
227	65.2	51.6	77.4





#35

Caprolactam

Concen: 26.621 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

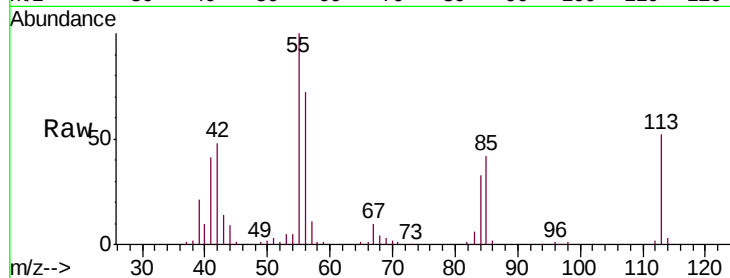
Tgt Ion:113 Resp: 46534

Ion Ratio Lower Upper

113 100

55 190.8 176.6 216.6

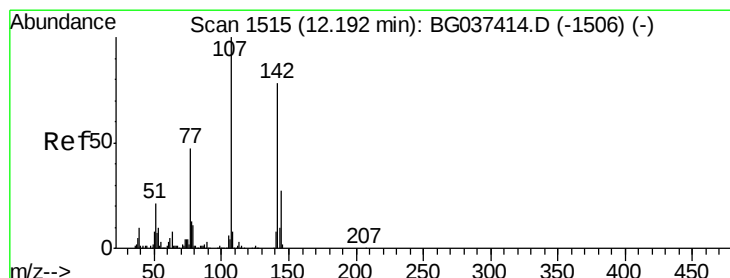
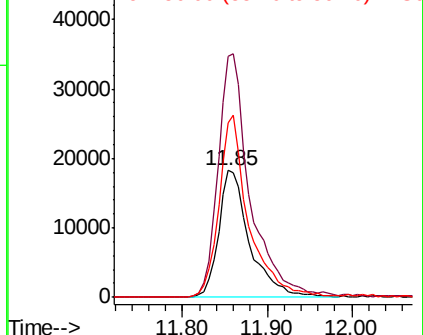
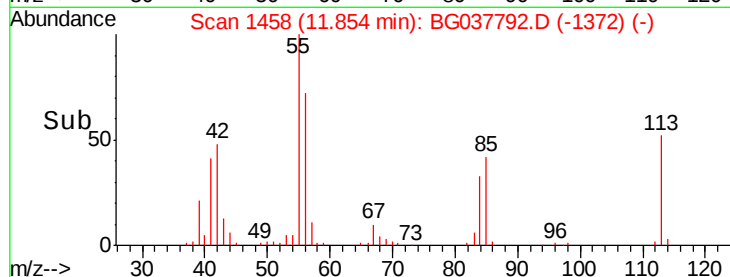
56 137.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037792.D (-1372) (-)

Ion 56.00 (55.70 to 56.70): BG037792.D (-1372) (-)



#36

4-Chloro-3-methylphenol

Concen: 29.429 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

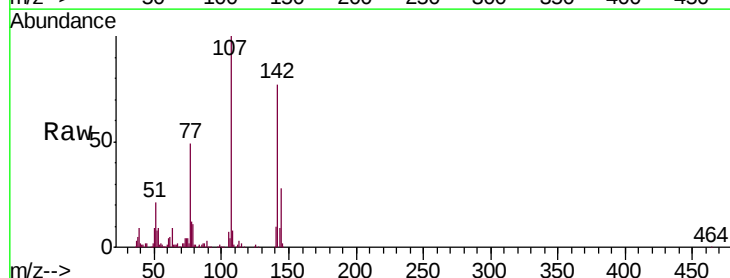
Tgt Ion:107 Resp: 144650

Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

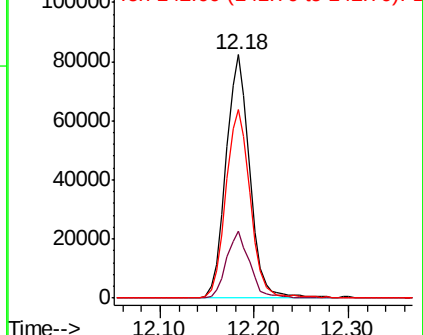
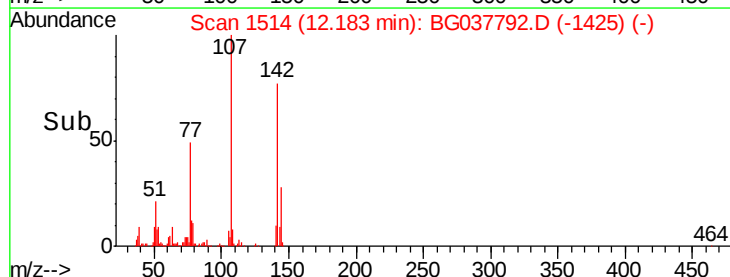
142 77.4 64.4 96.6

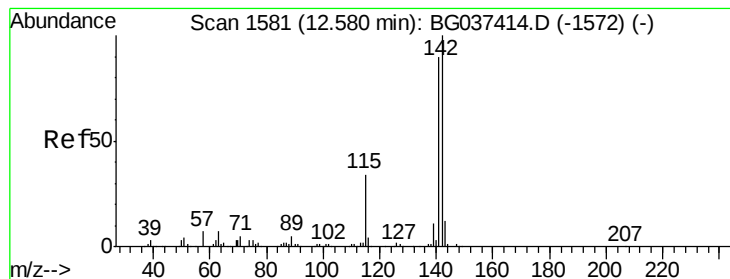


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.226 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

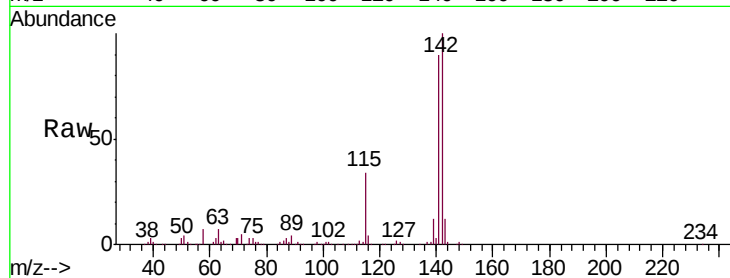
Tgt Ion:142 Resp: 302805

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

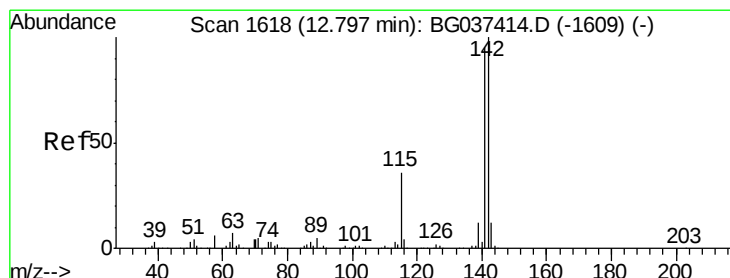
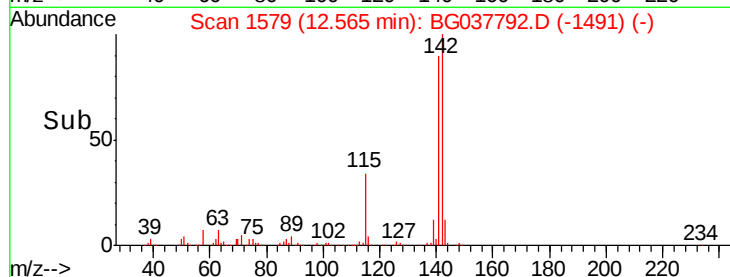
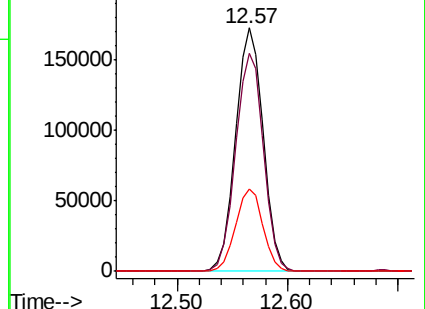
115 33.6 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.556 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

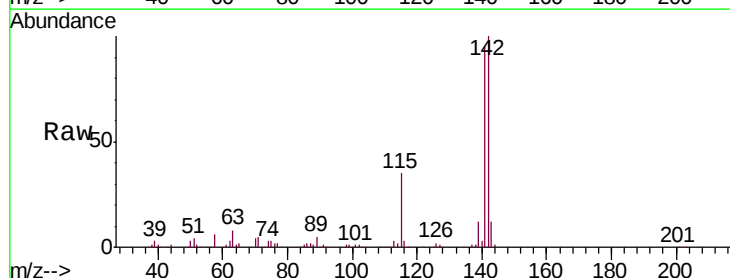
Tgt Ion:142 Resp: 287948

Ion Ratio Lower Upper

142 100

141 94.5 75.2 112.8

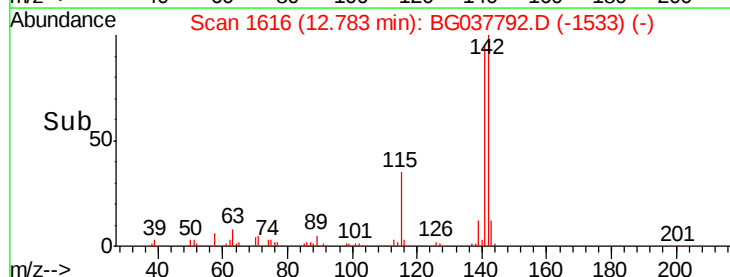
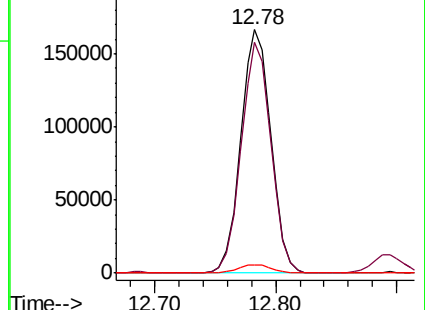
116 3.5 3.3 4.9

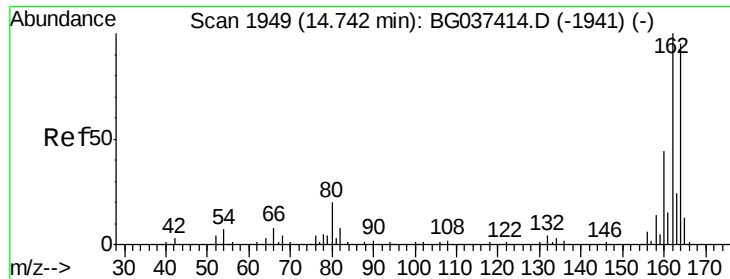


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

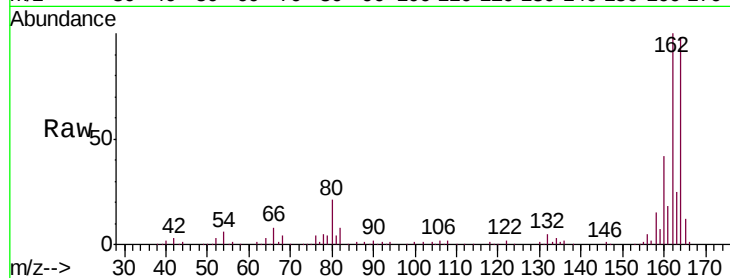
Tgt Ion:164 Resp: 175305

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

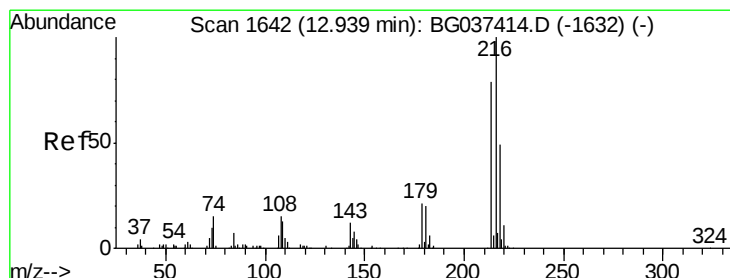
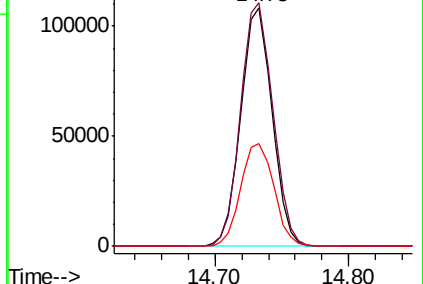
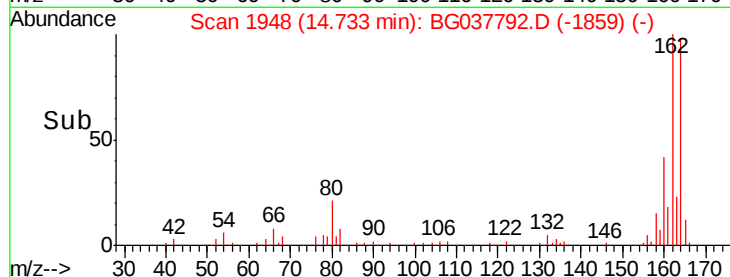
160 43.2 36.3 54.5



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: 28.064 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:216 Resp: 158688

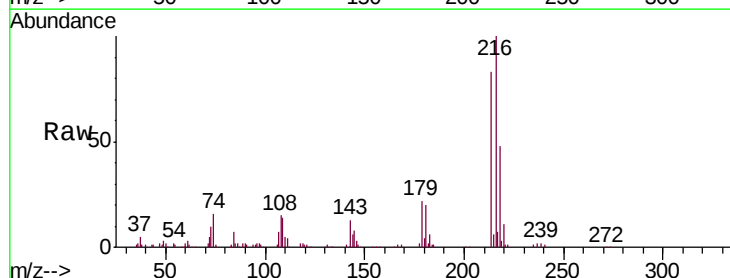
Ion Ratio Lower Upper

216 100

214 81.0 63.8 95.6

179 21.4 17.4 26.0

108 18.5 13.9 20.9

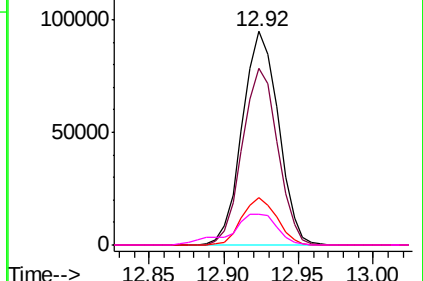
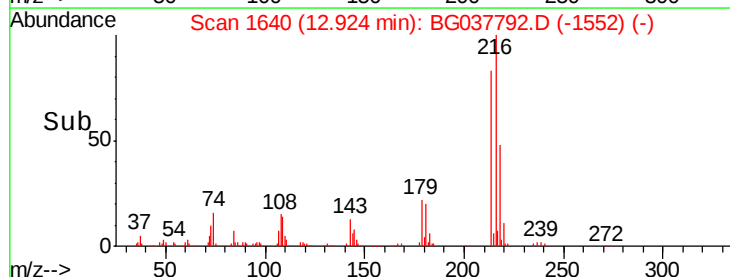


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.263 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

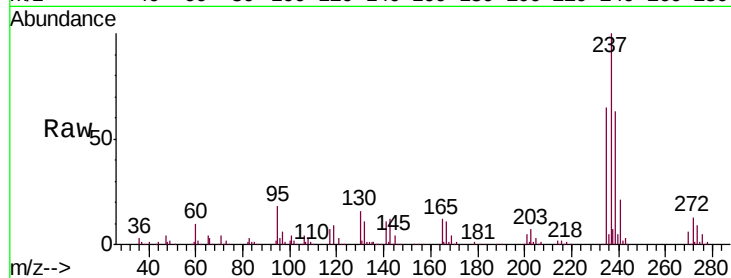
Tgt Ion: 237 Resp: 187082

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

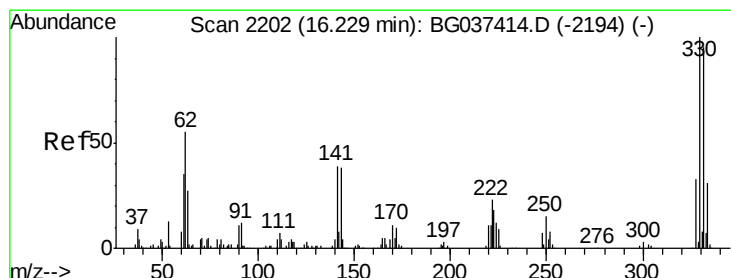
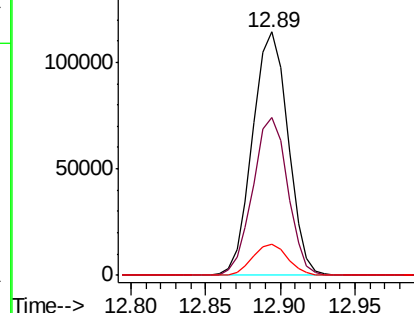
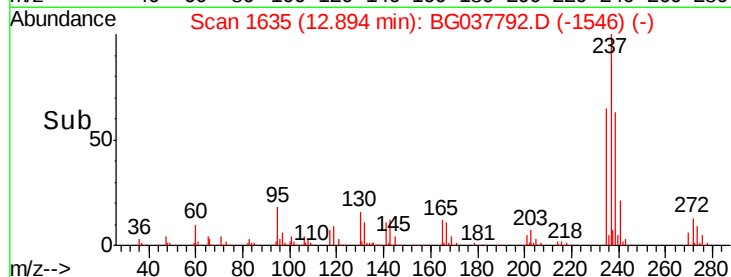
272 13.0 0.0 31.6



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: 83.733 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

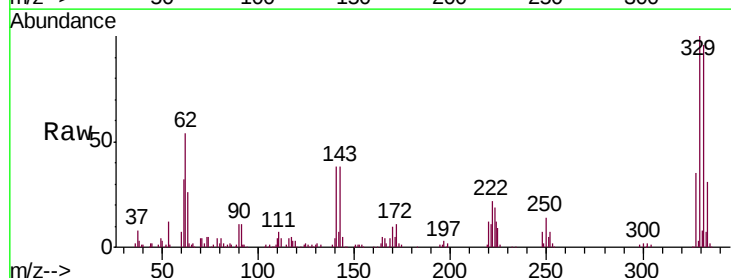
Tgt Ion: 330 Resp: 160101

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

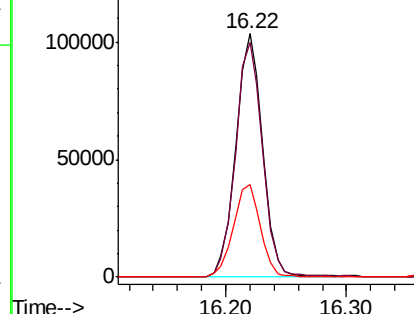
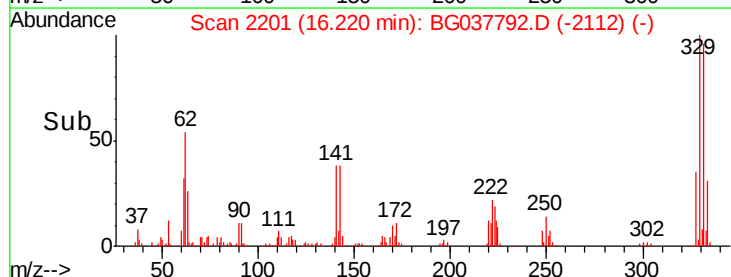
141 38.6 32.2 48.2

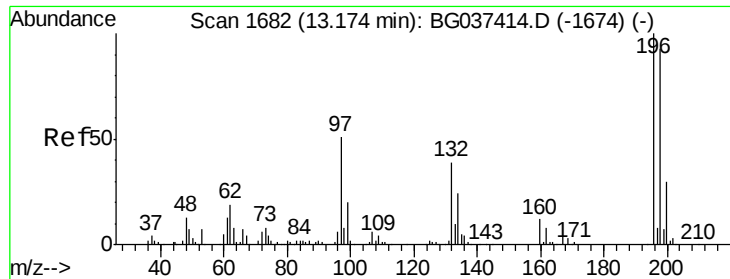


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

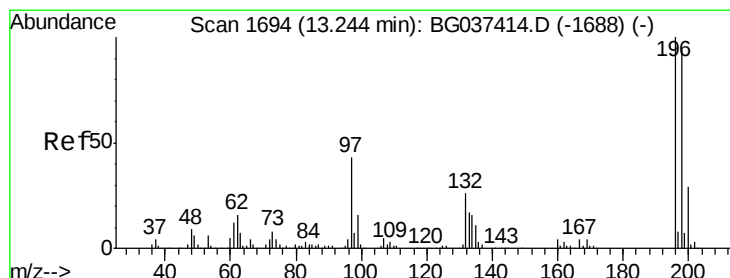
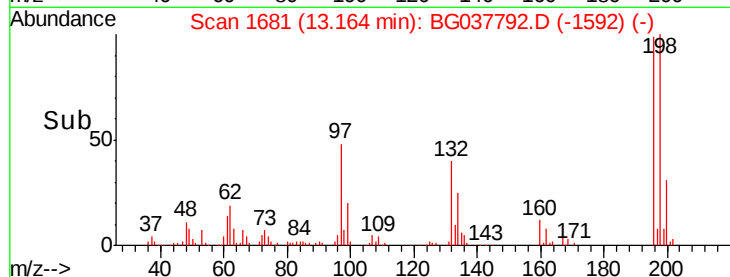
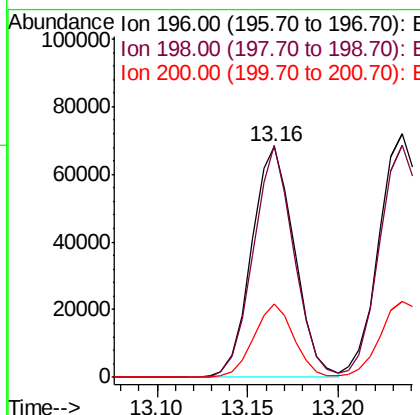
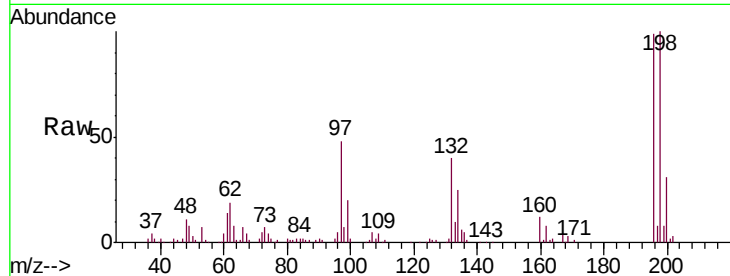




#43
 2,4,6-Trichlorophenol
 Concen: 29.553 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

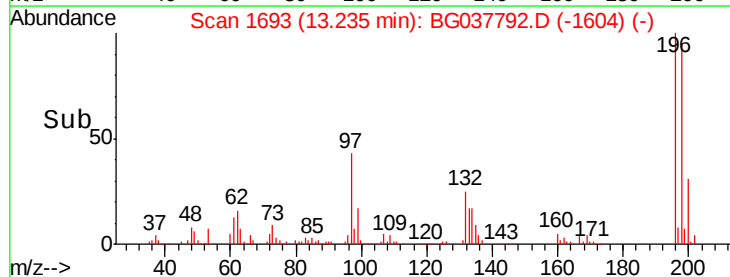
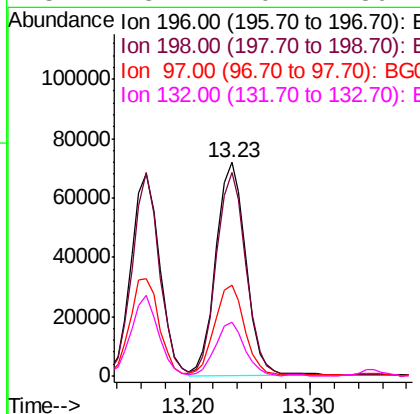
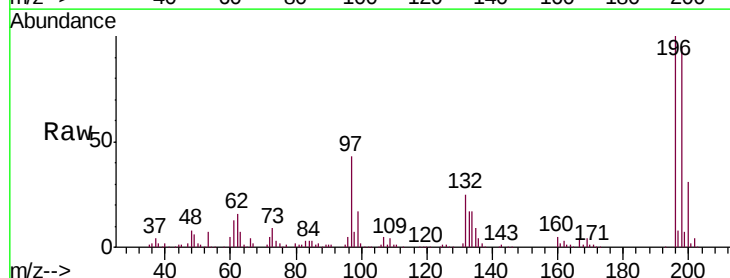
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tgt Ion:196 Resp: 111641
 Ion Ratio Lower Upper
 196 100
 198 100.5 76.4 114.6
 200 31.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 29.782 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:196 Resp: 122493
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.2
 97 42.9 34.1 51.1
 132 25.2 20.2 30.4

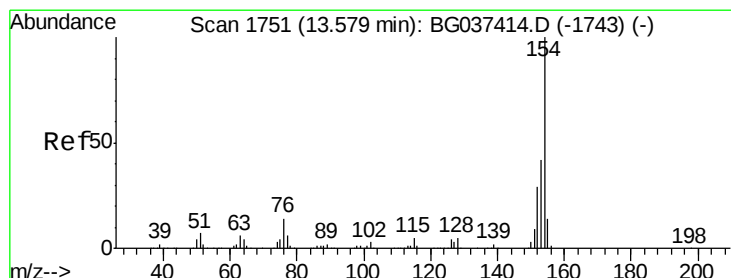
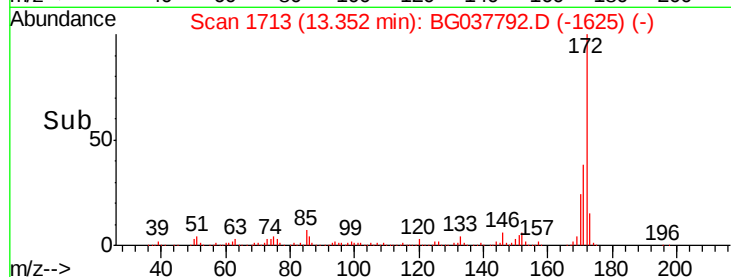
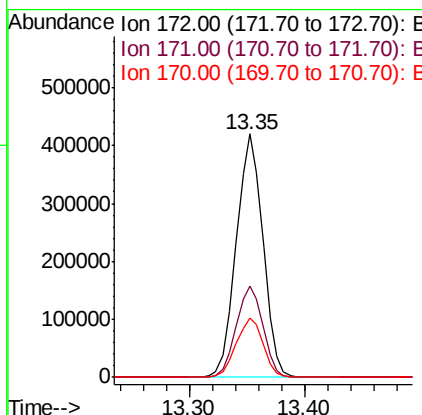
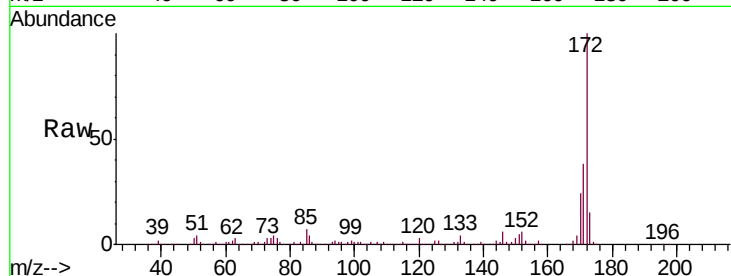




#45
 2-Fluorobiphenyl
 Concen: 57.593 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

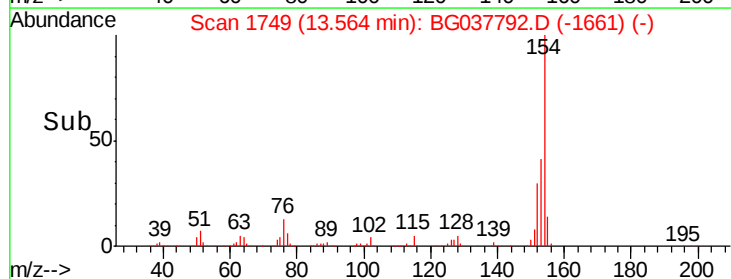
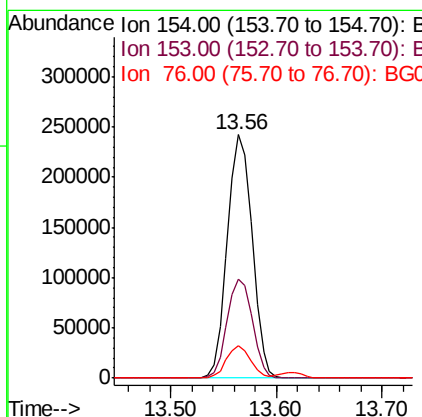
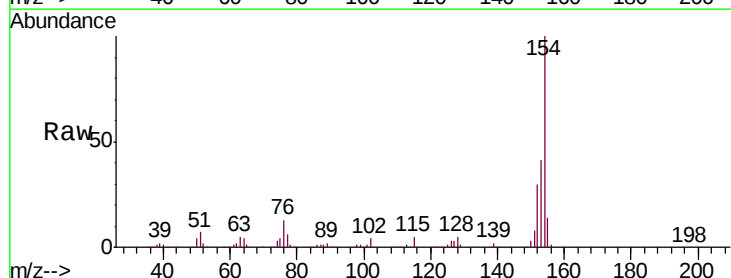
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

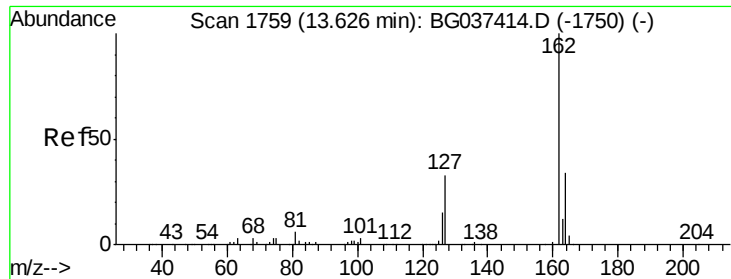
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.4	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 27.103 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.1	62.1
76	13.4	0.0	33.2

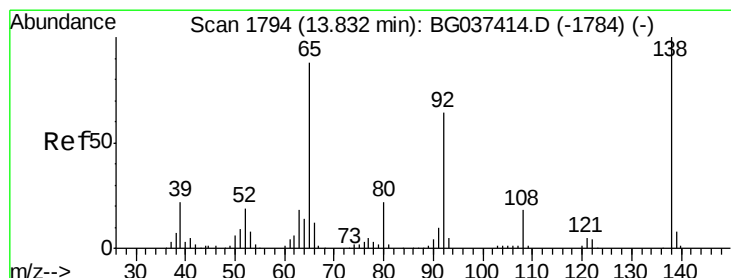
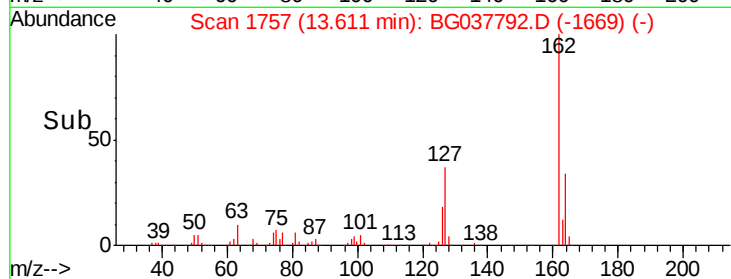
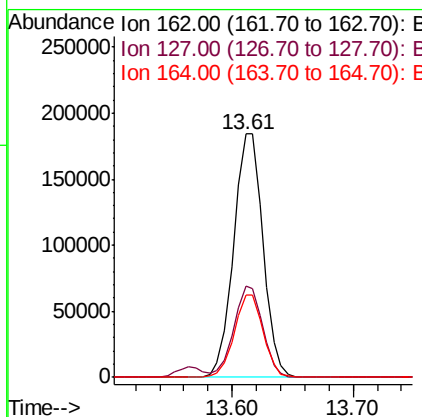
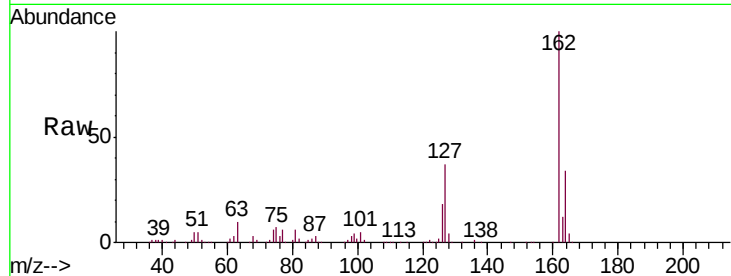




#47
 2-Chloronaphthalene
 Concen: 28.450 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

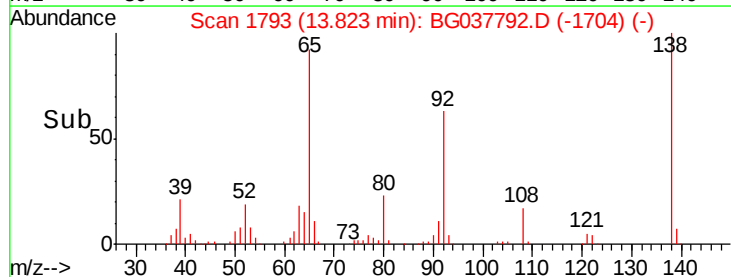
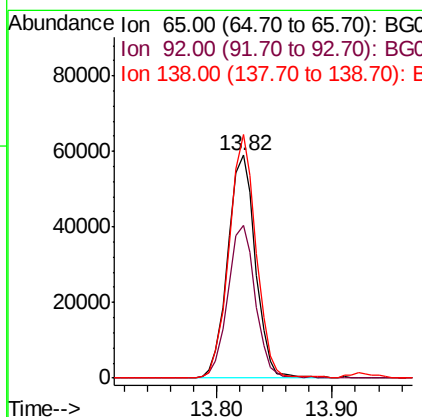
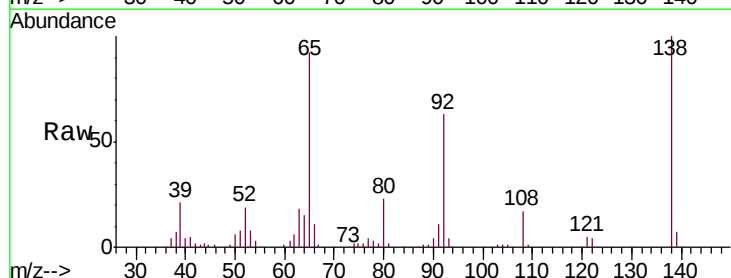
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

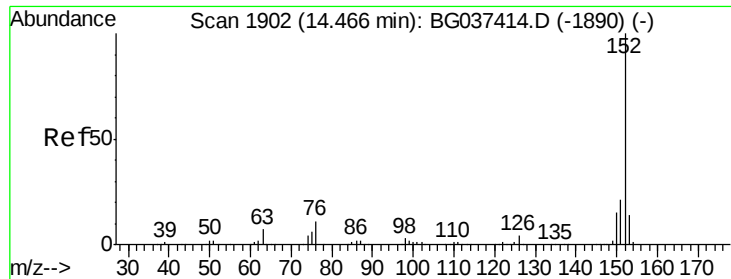
Tgt Ion: 162 Resp: 312488
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.5 45.7
 164 33.9 26.4 39.6



#48
 2-Nitroaniline
 Concen: 29.434 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion: 65 Resp: 98041
 Ion Ratio Lower Upper
 65 100
 92 68.7 53.2 79.8
 138 109.2 79.3 118.9





#49

Acenaphthylene

Concen: 31.031 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

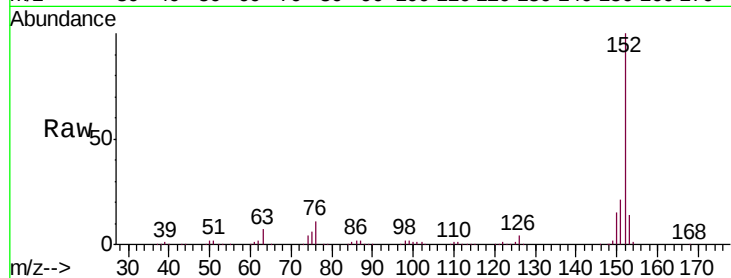
Tgt Ion:152 Resp: 512703

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

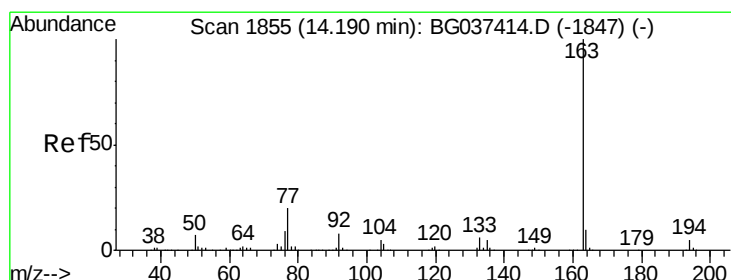
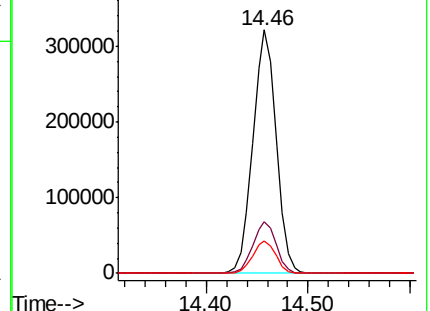
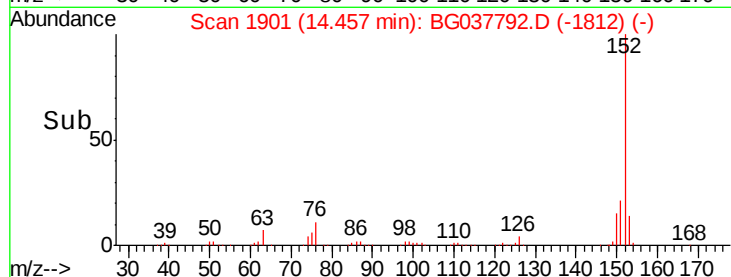
153 13.6 11.1 16.7



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: 28.909 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

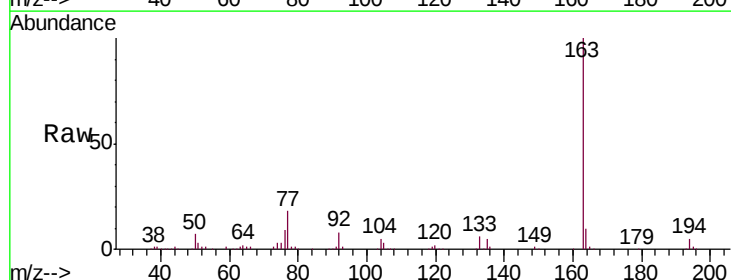
Tgt Ion:163 Resp: 392060

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

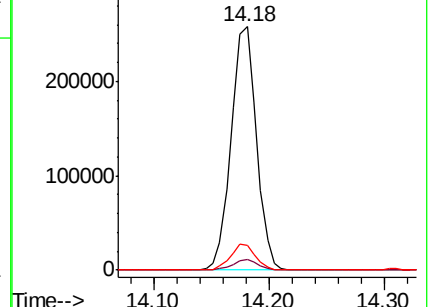
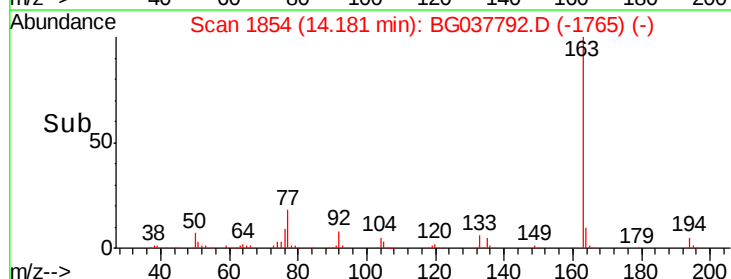
164 10.4 8.5 12.7

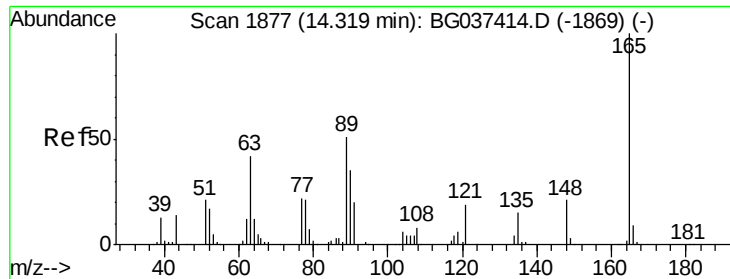


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

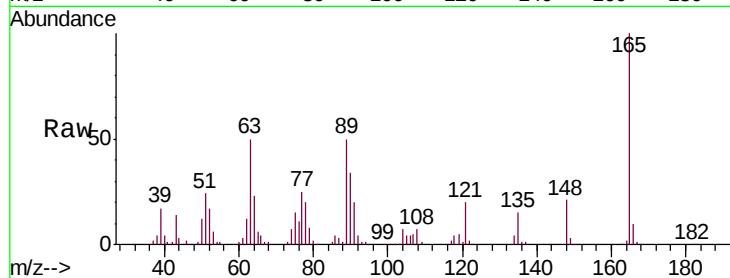




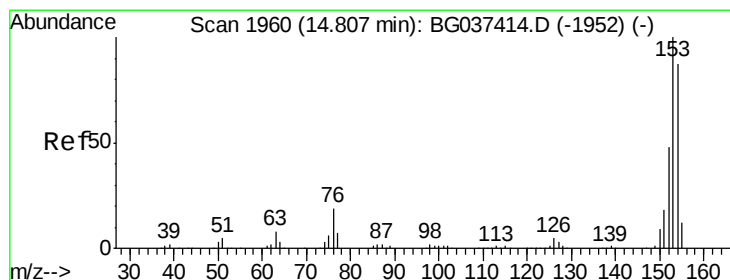
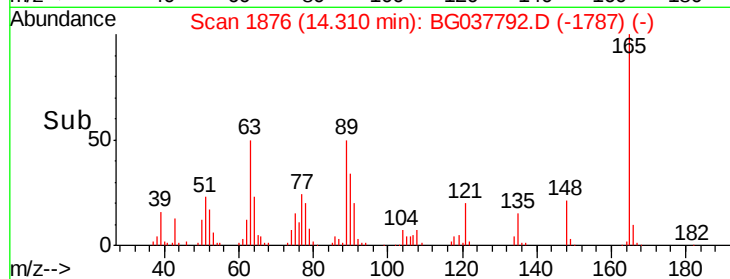
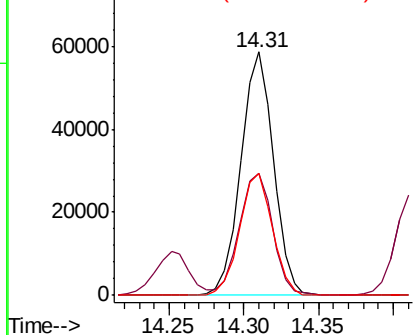
#51
2,6-Dinitrotoluene
Concen: 29.520 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:165 Resp: 88564
Ion Ratio Lower Upper
165 100
63 50.4 43.4 65.2
89 50.1 45.8 68.6

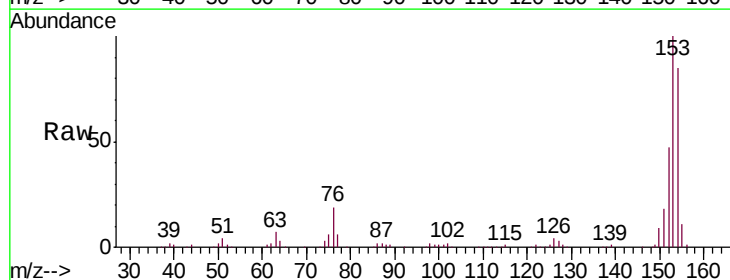


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

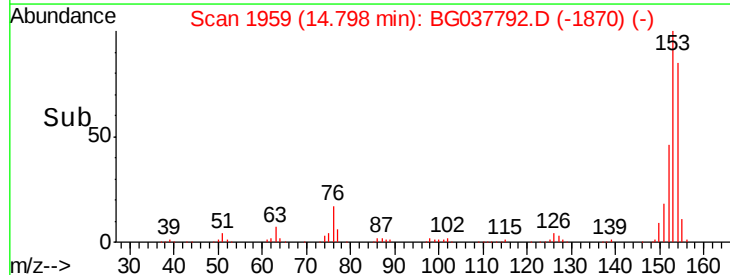
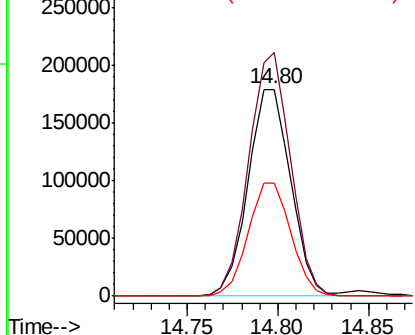


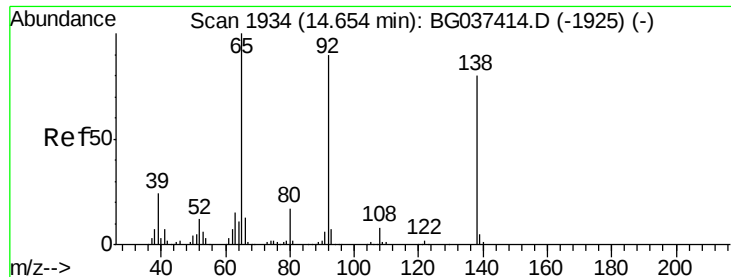
#52
Acenaphthene
Concen: 28.955 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:154 Resp: 294639
Ion Ratio Lower Upper
154 100
153 117.7 93.4 140.0
152 54.8 44.7 67.1



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





#53

3-Nitroaniline

Concen: 17.309 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

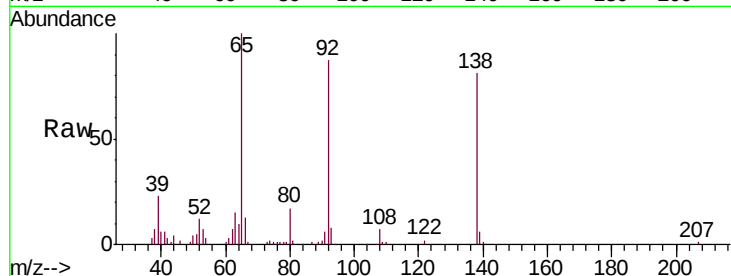
Tgt Ion:138 Resp: 57650

Ion Ratio Lower Upper

138 100

108 8.8 11.0 16.6#

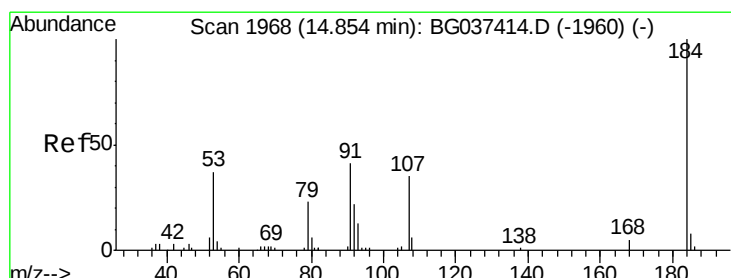
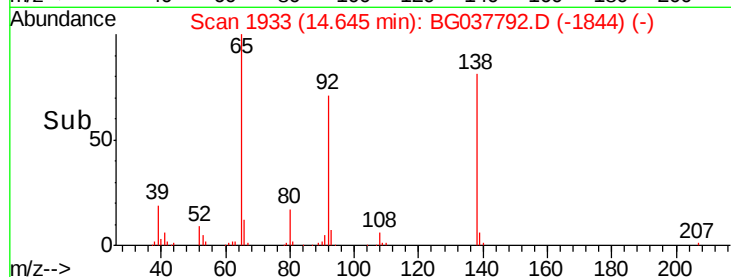
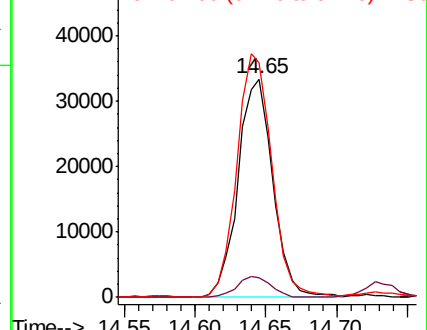
92 107.7 95.2 142.8



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: 23.902 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

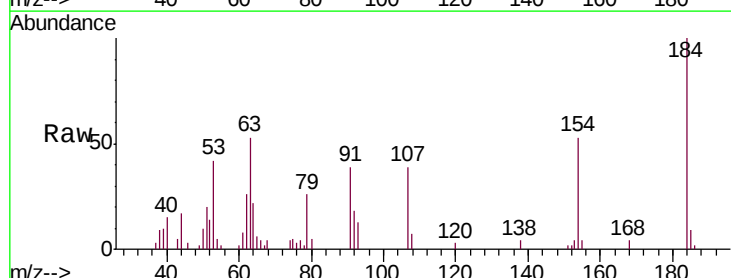
Tgt Ion:184 Resp: 15261

Ion Ratio Lower Upper

184 100

63 53.5 42.6 63.8

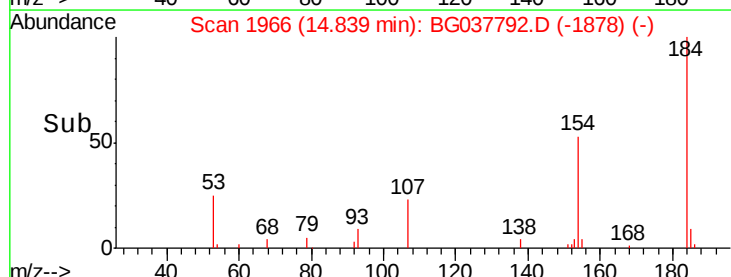
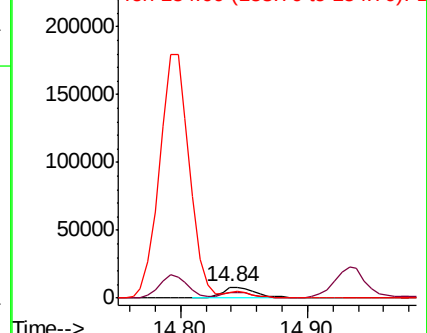
154 53.1 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

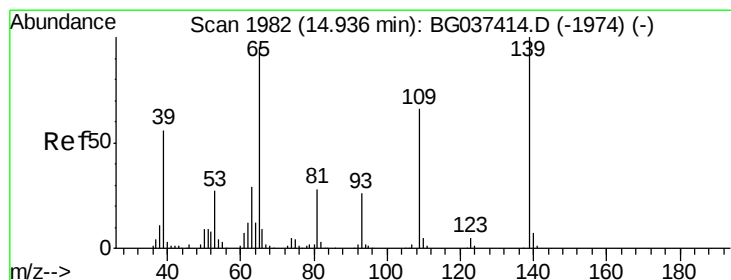
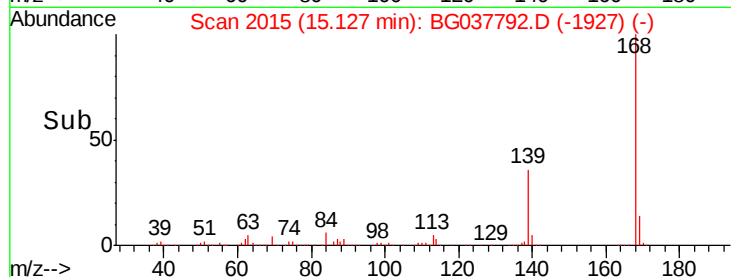
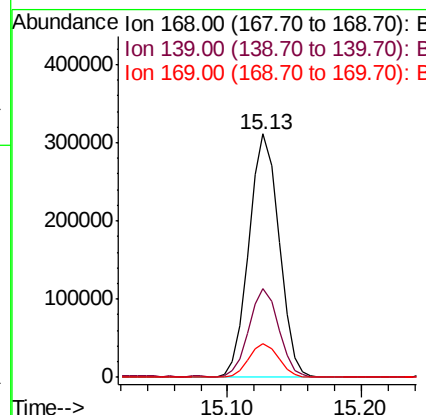
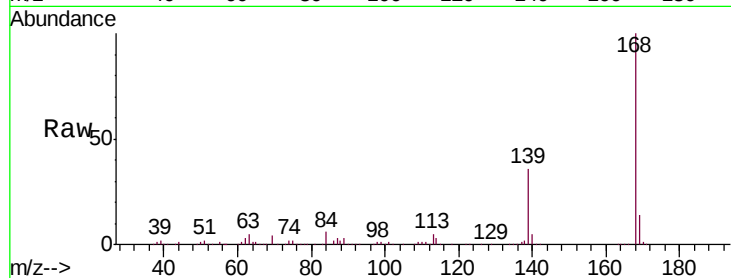




#55
Dibenzofuran
Concen: 28.742 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

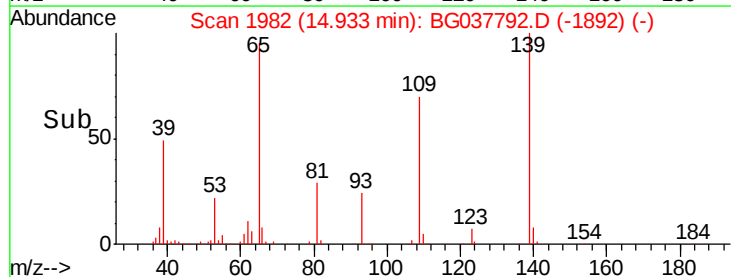
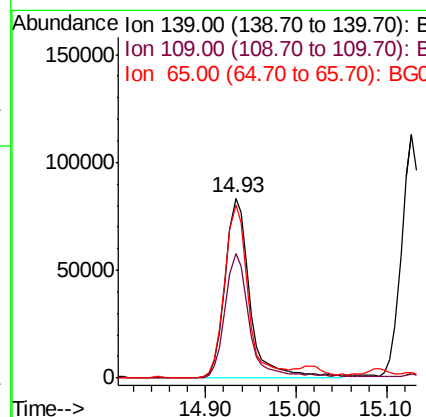
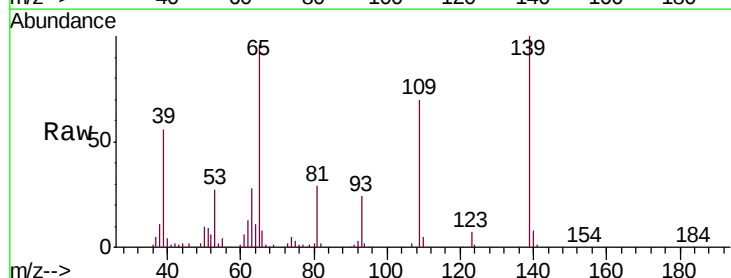
Instrument :
BNA_G
ClientSampleId :
PB114440BS

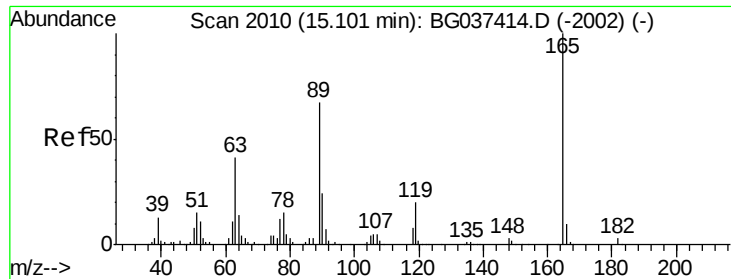
Tgt Ion:168 Resp: 484576
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 64.696 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:139 Resp: 159495
Ion Ratio Lower Upper
139 100
109 69.5 49.5 89.5
65 96.1 76.8 116.8

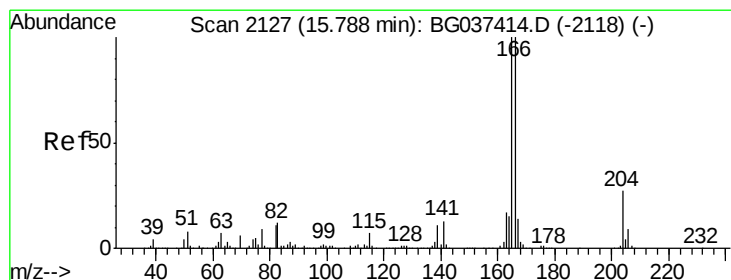
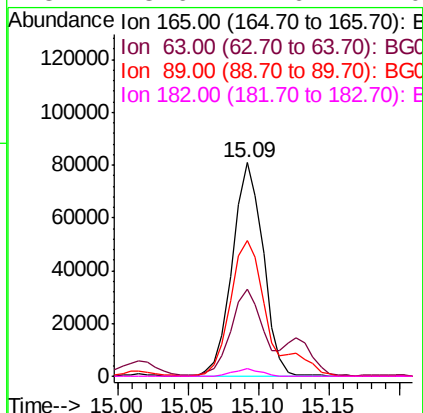
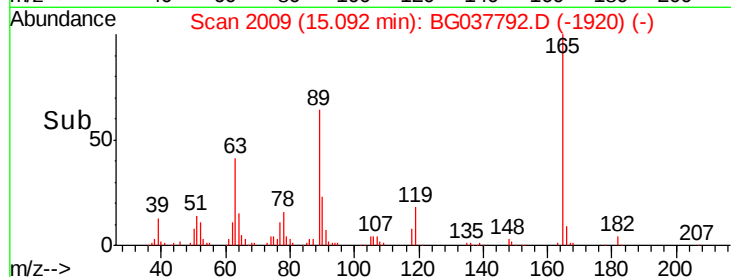
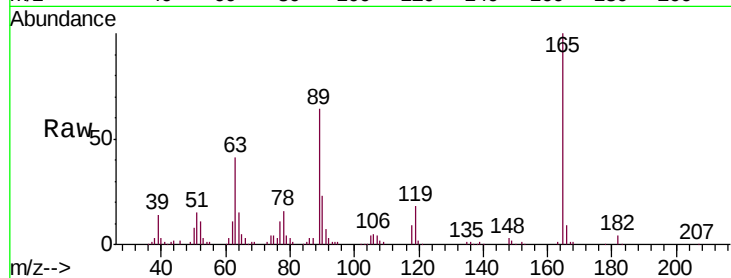




#57
 2,4-Dinitrotoluene
 Concen: 31.334 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

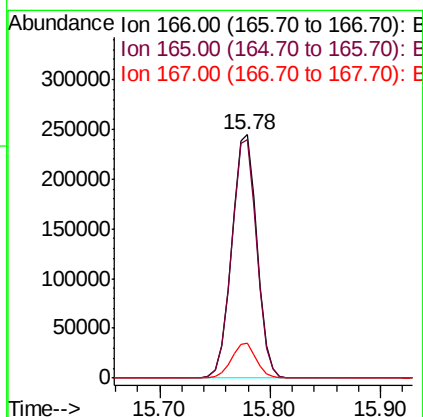
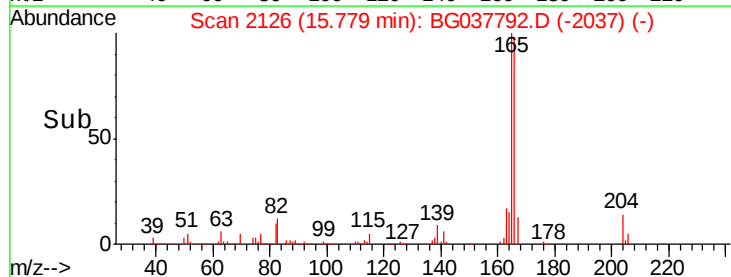
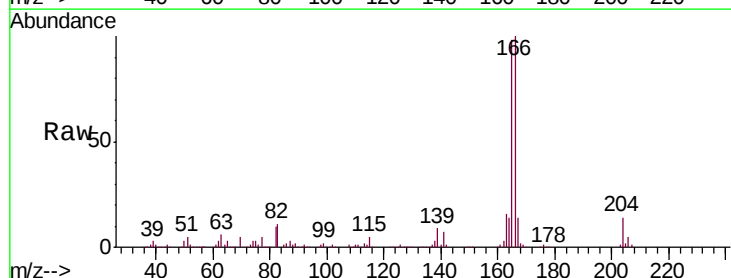
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

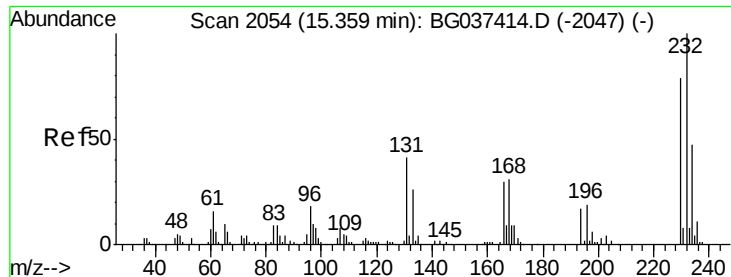
Tgt Ion:	165	Resp:	123400
Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.4	50.0
89	63.8	57.2	85.8
182	3.6	2.6	4.0



#58
 Fluorene
 Concen: 30.883 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:	166	Resp:	389905
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.6
167	14.2	11.3	16.9

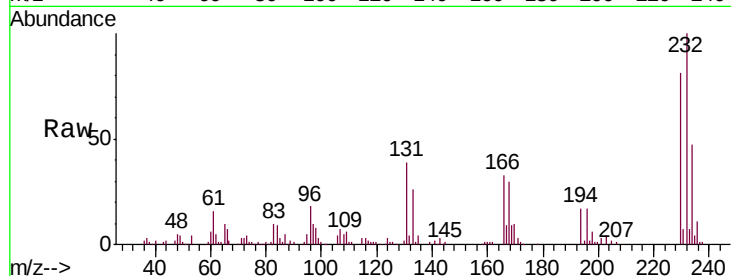




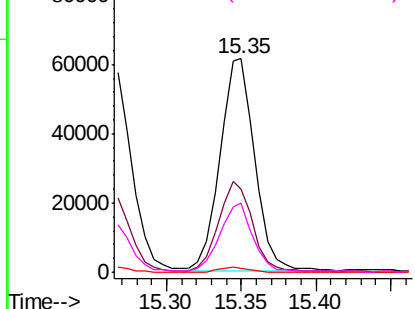
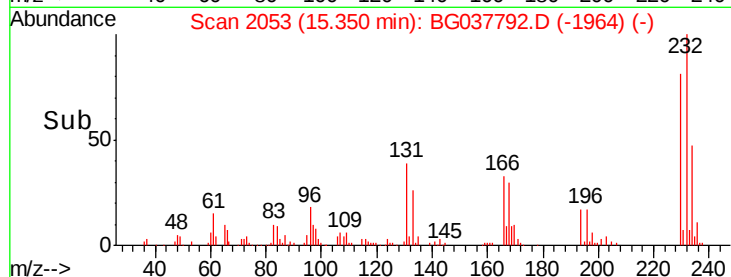
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.410 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:	232	Resp:	100047
Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.7	50.5
130	2.2	2.1	3.1
166	32.4	24.6	36.8

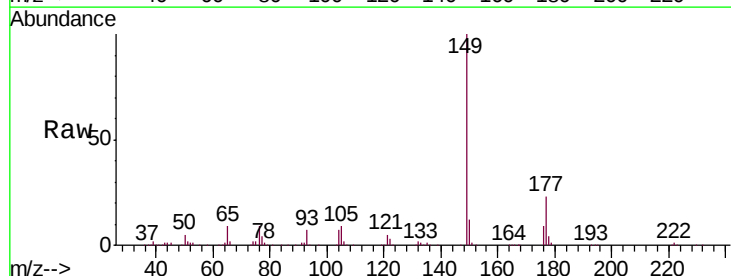


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

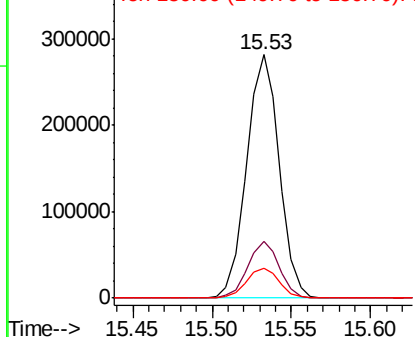
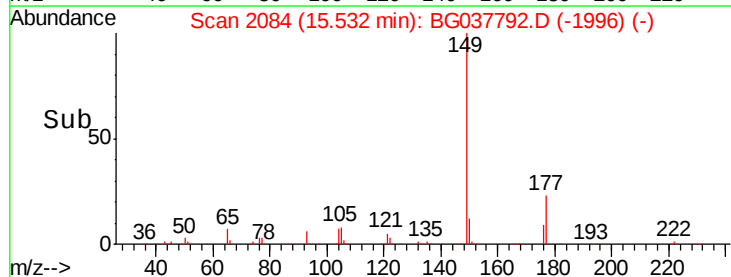


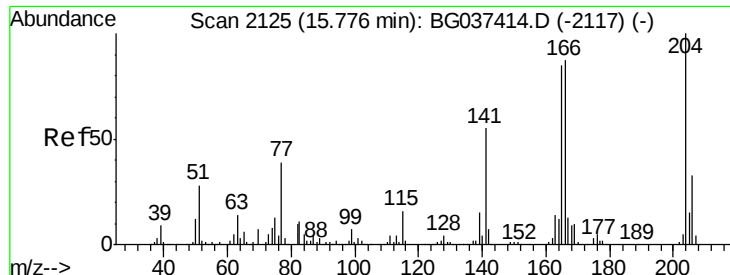
#60
Diethylphthalate
Concen: 28.723 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:	149	Resp:	399919
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.4	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

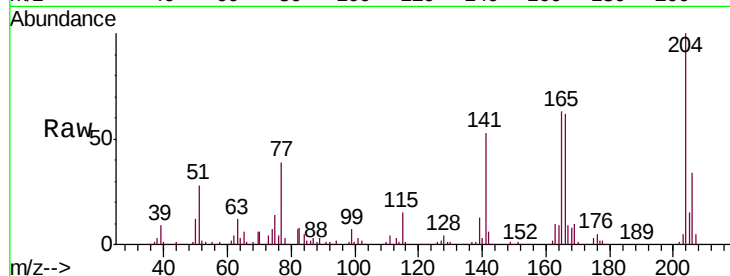




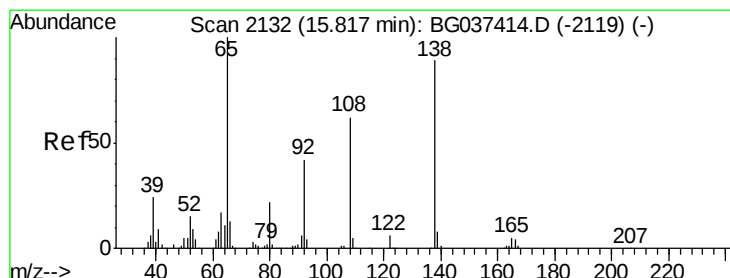
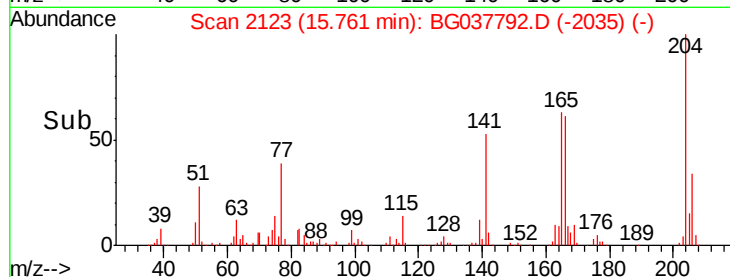
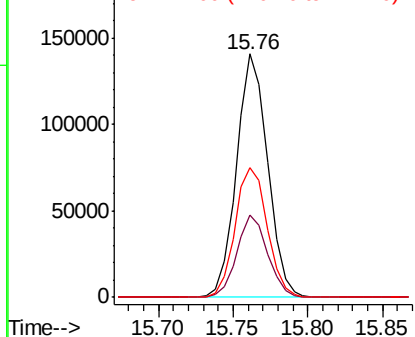
#61
 4-Chlorophenyl-phenylether
 Concen: 27.651 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tgt Ion: 204 Resp: 203477
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.6 39.8
 141 53.4 45.4 68.2

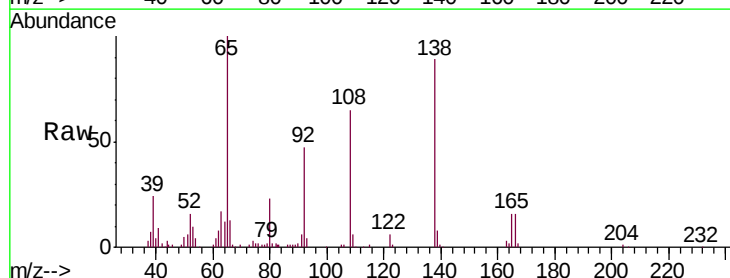


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

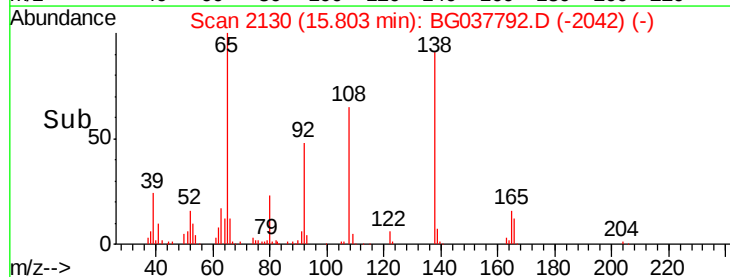
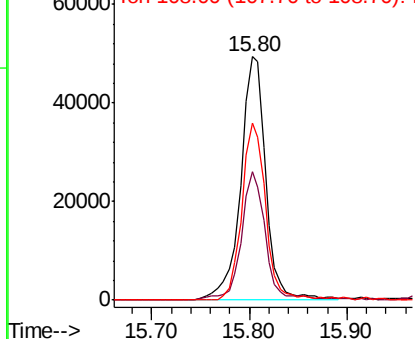


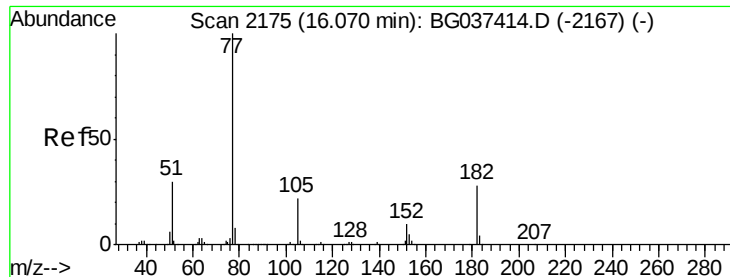
#62
 4-Nitroaniline
 Concen: 26.830 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion: 138 Resp: 88795
 Ion Ratio Lower Upper
 138 100
 92 52.6 36.4 76.4
 108 72.7 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: 28.214 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tgt Ion: 77 Resp: 374804

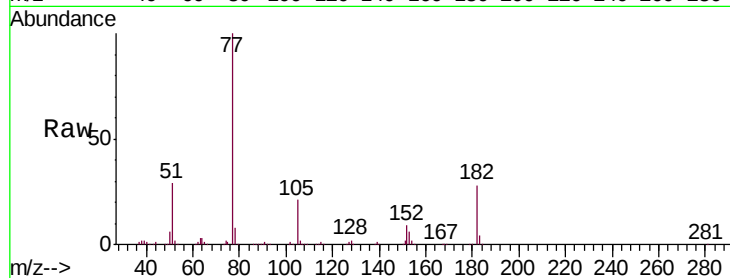
Ion Ratio Lower Upper

77 100

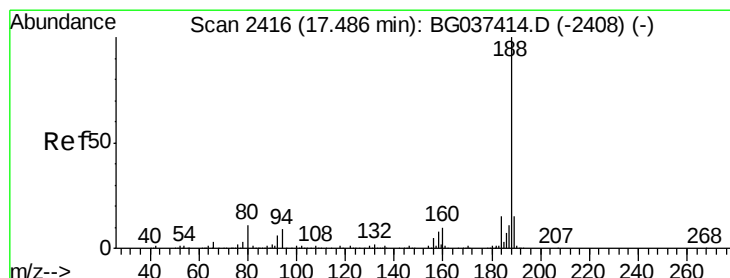
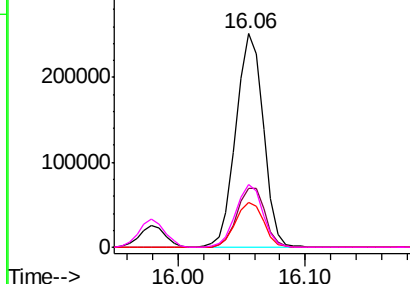
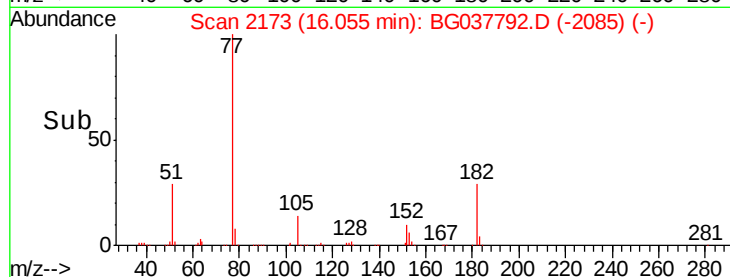
182 27.7 8.0 48.0

105 21.0 1.3 41.3

51 29.4 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# 2415

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

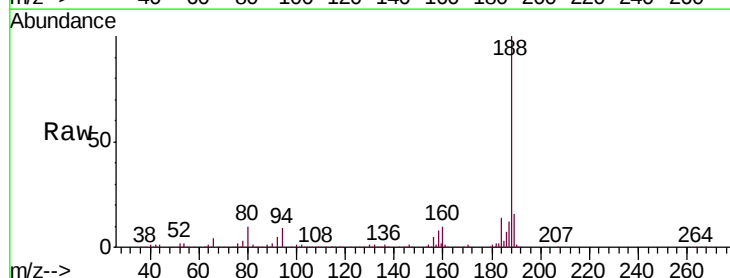
Tgt Ion: 188 Resp: 390485

Ion Ratio Lower Upper

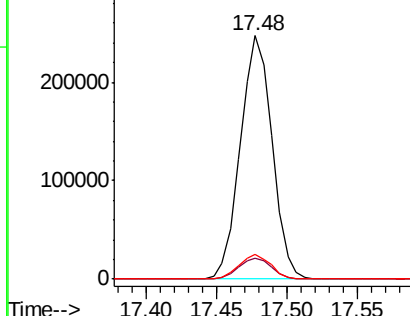
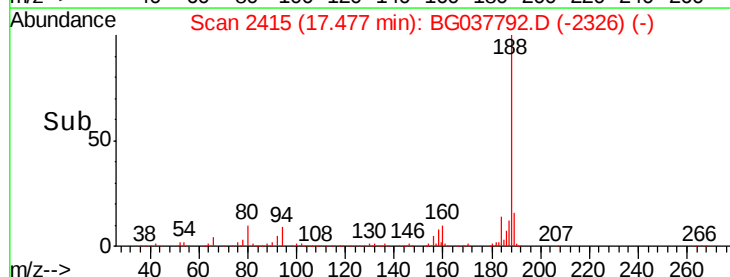
188 100

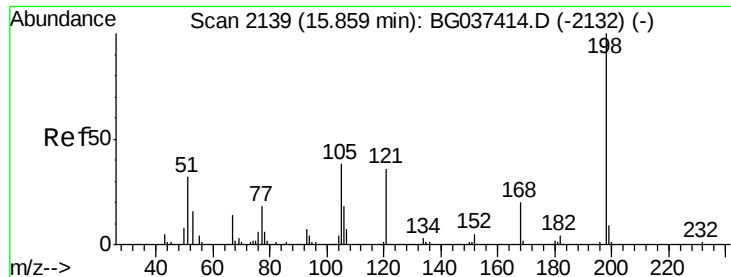
94 8.7 7.2 10.8

80 10.2 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: 19.129 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

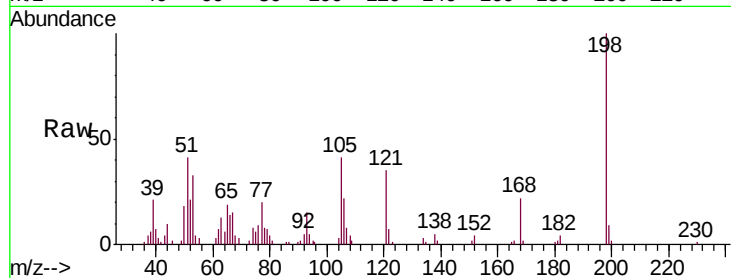
Tgt Ion:198 Resp: 26453

Ion Ratio Lower Upper

198 100

51 40.7 22.7 62.7

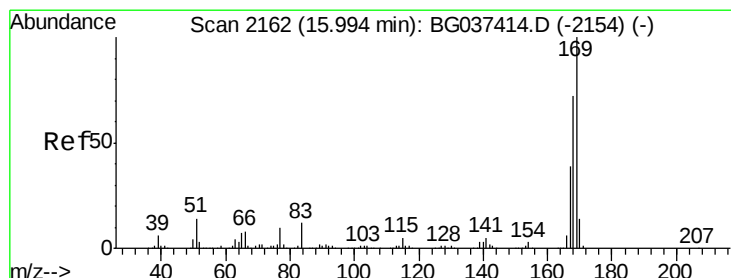
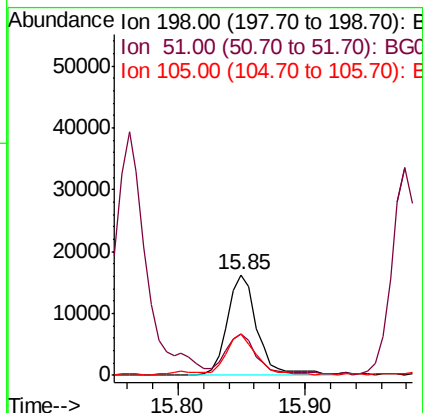
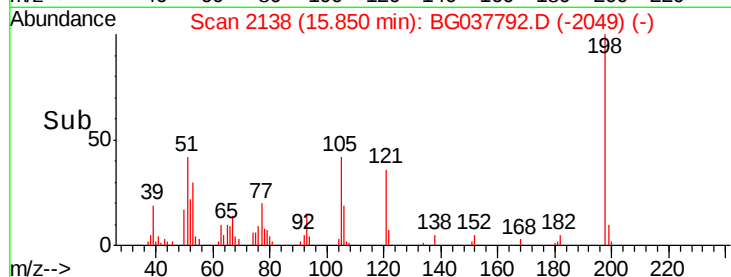
105 41.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.488 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

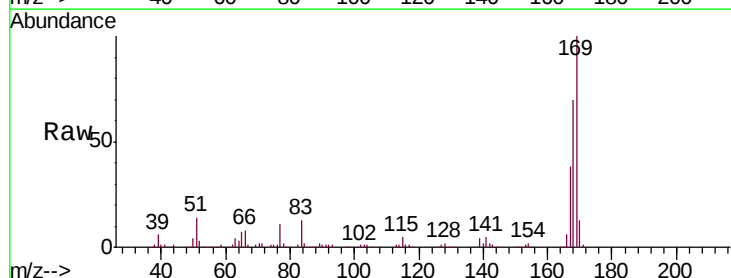
Tgt Ion:169 Resp: 346361

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

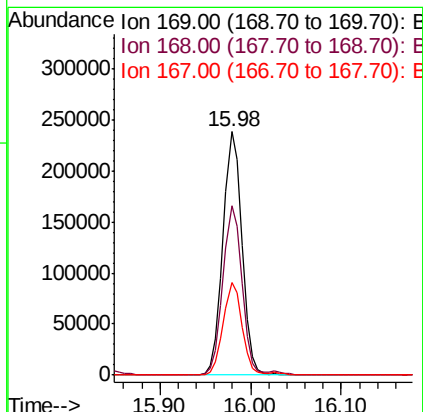
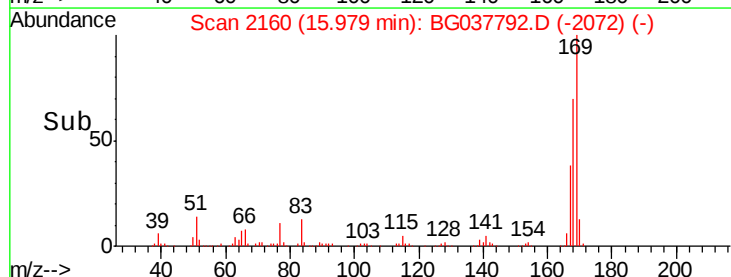
167 38.0 31.3 46.9

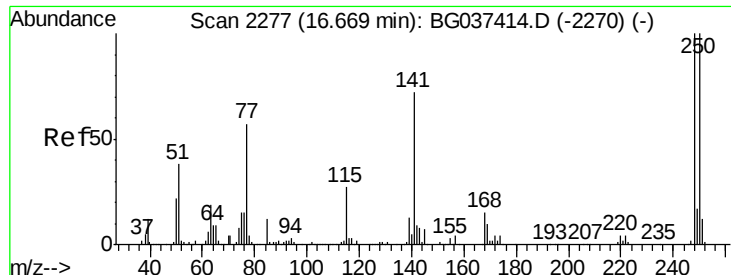


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

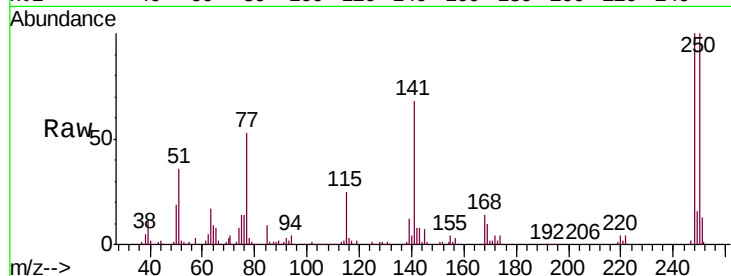




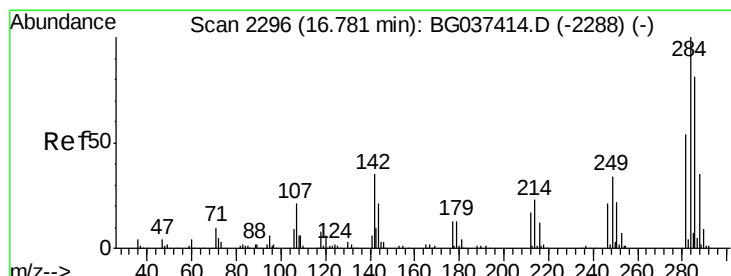
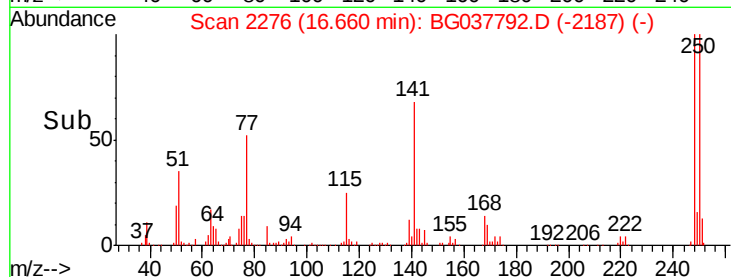
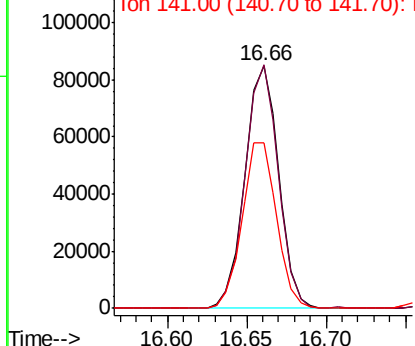
#67
 4-Bromophenyl-phenylether
 Concen: 29.362 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tgt Ion:248 Resp: 125909
 Ion Ratio Lower Upper
 248 100
 250 100.2 77.0 115.6
 141 68.4 55.5 83.3

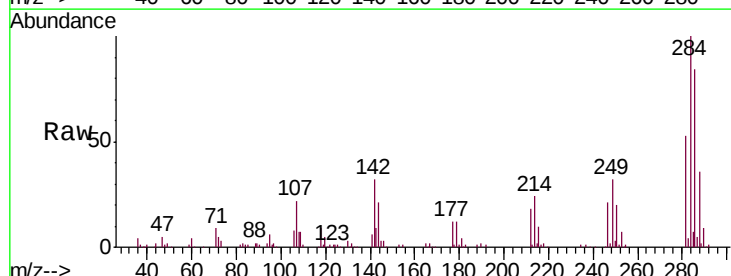


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

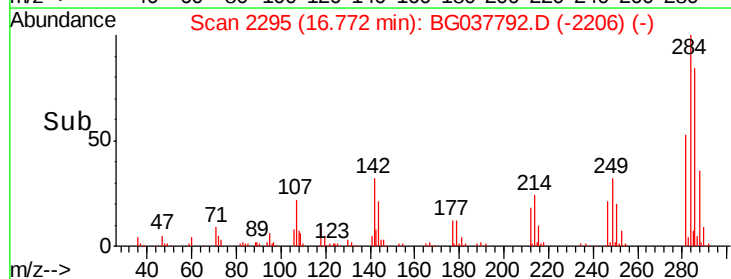
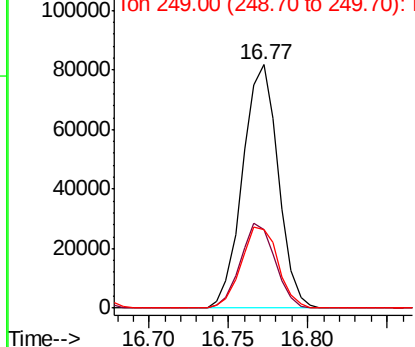


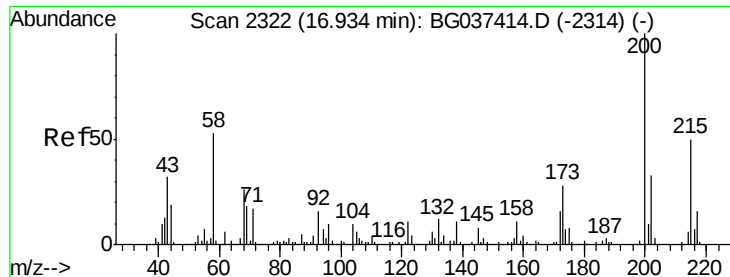
#68
 Hexachlorobenzene
 Concen: 28.674 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:284 Resp: 127434
 Ion Ratio Lower Upper
 284 100
 142 32.4 28.1 42.1
 249 32.3 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: 29.935 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

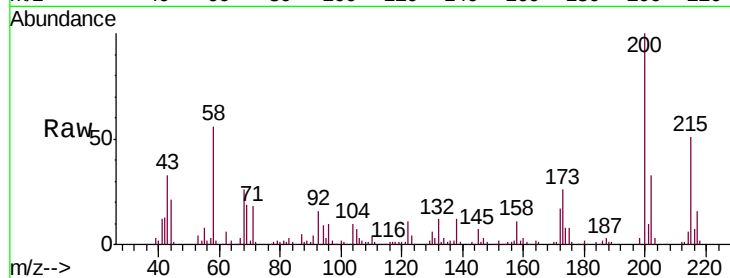
Tgt Ion:200 Resp: 127128

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

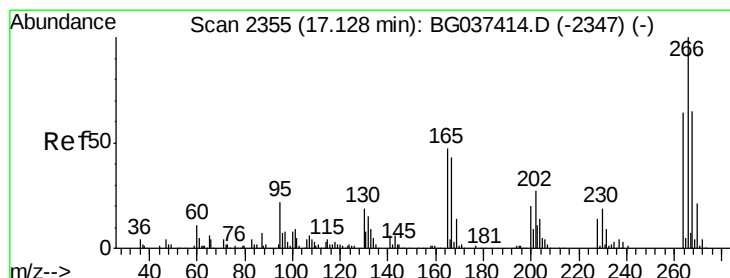
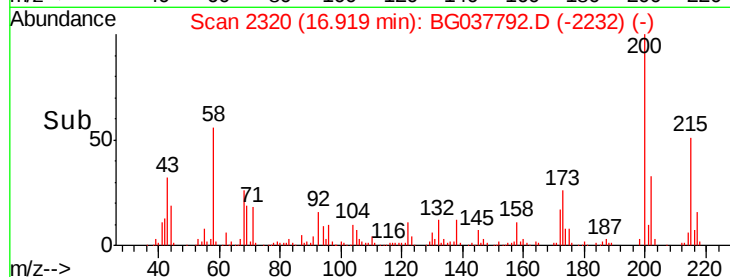
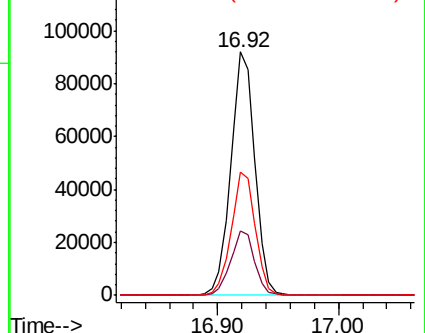
215 50.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.353 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

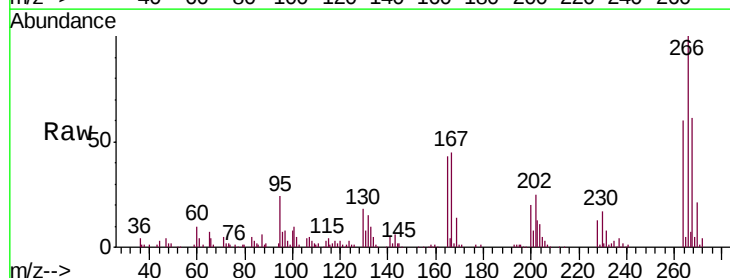
Tgt Ion:266 Resp: 102266

Ion Ratio Lower Upper

266 100

268 65.5 55.0 82.6

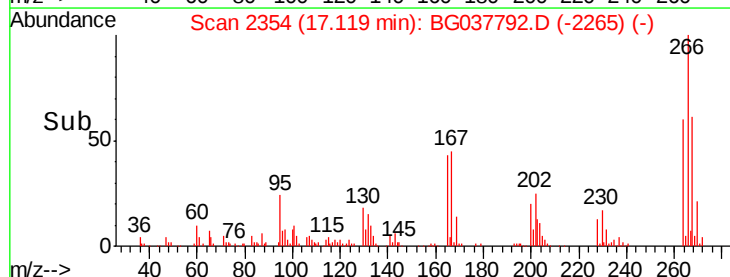
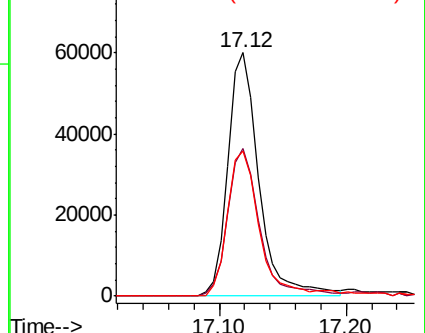
264 64.4 58.9 88.3



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

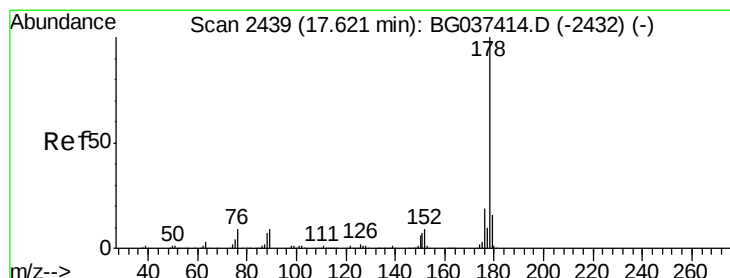
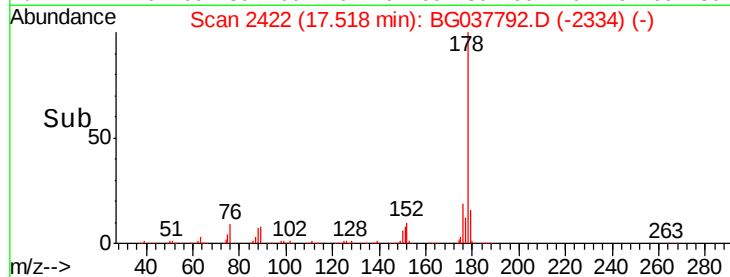
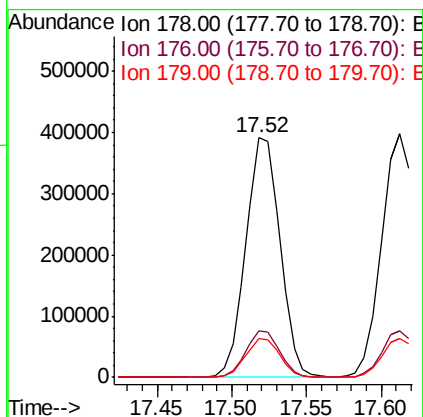
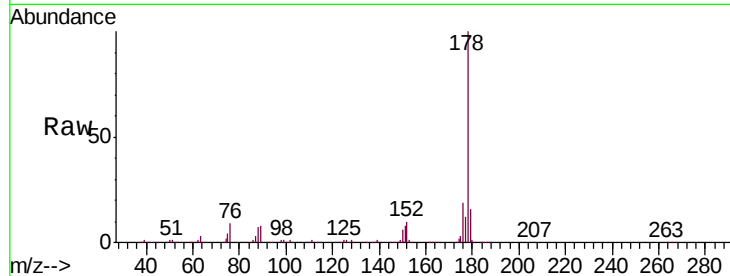




#71
Phenanthrene
Concen: 31.164 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

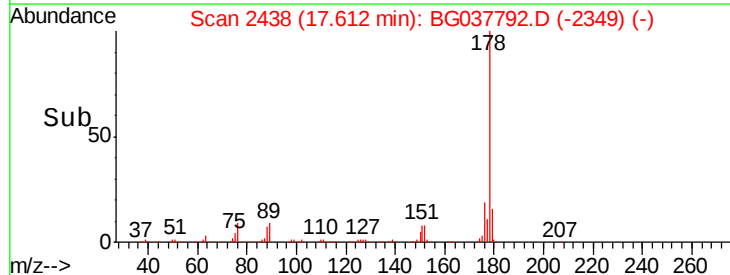
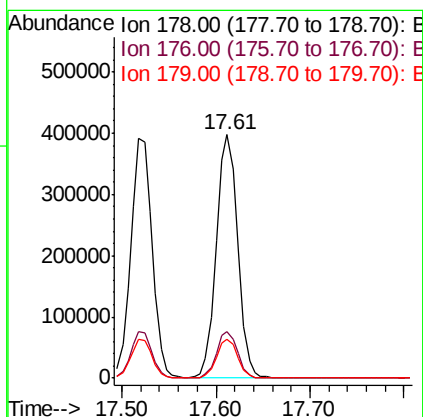
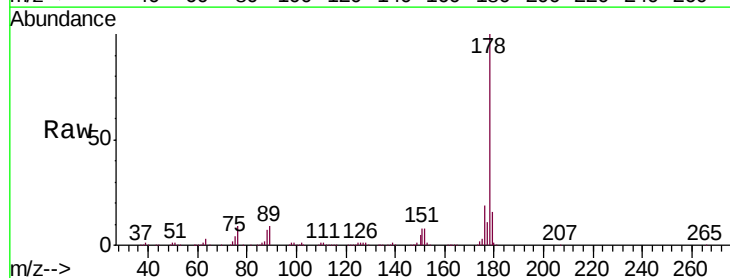
Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:178 Resp: 618472
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 32.584 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:178 Resp: 634592
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.1 12.8 19.2

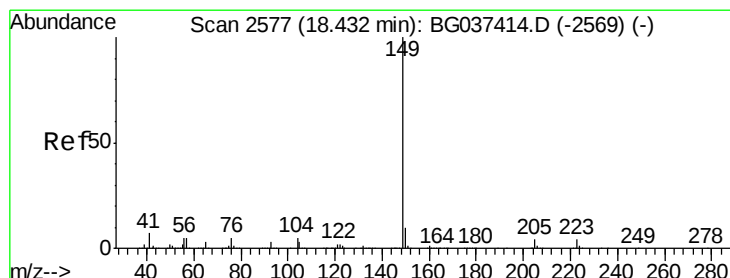
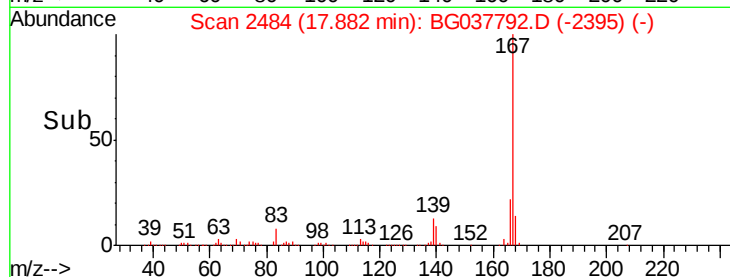
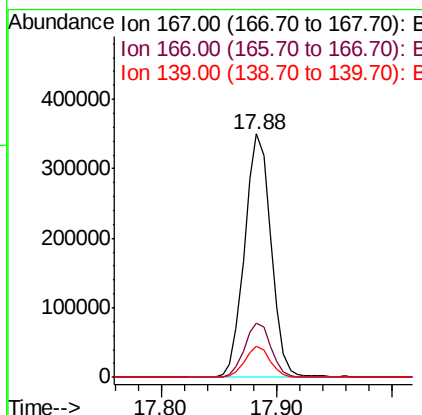
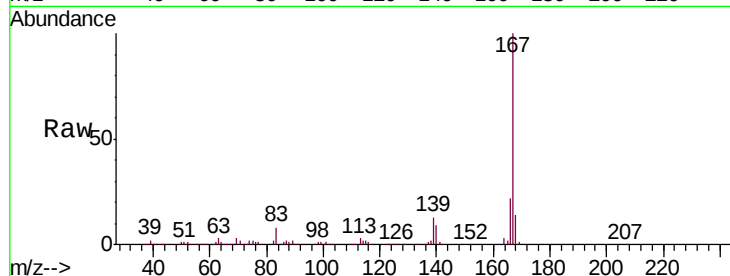




#73
 Carbazole
 Concen: 28.656 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

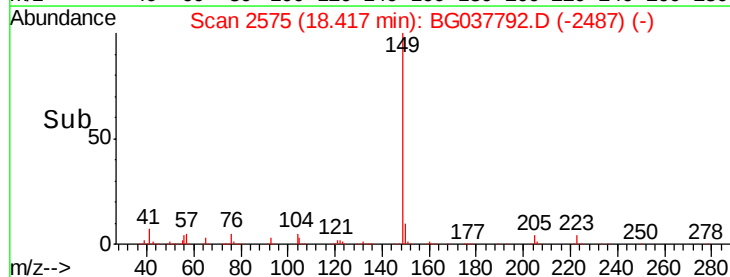
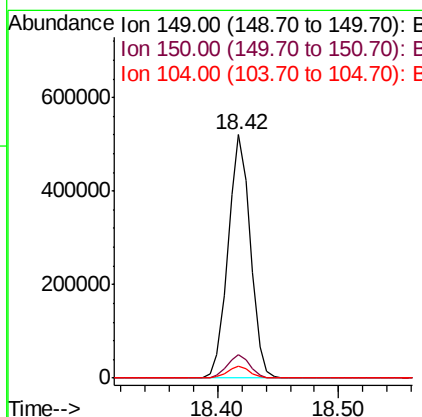
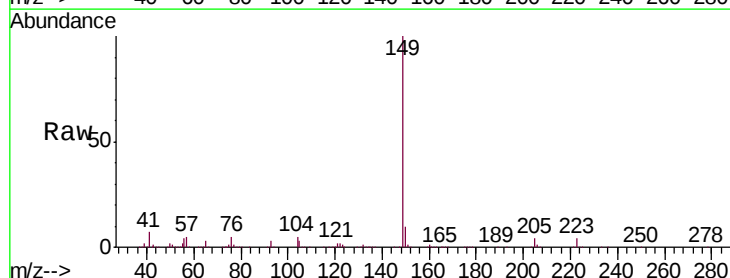
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.6	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 30.719 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 31.579 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

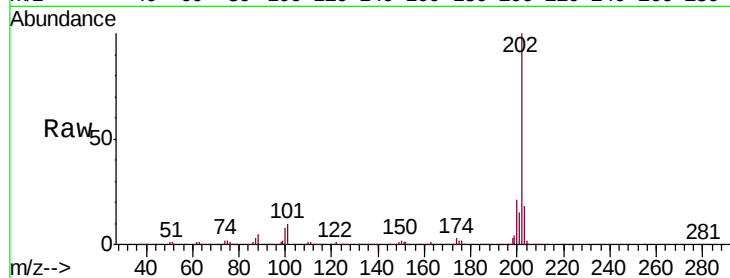
Tgt Ion:202 Resp: 710796

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

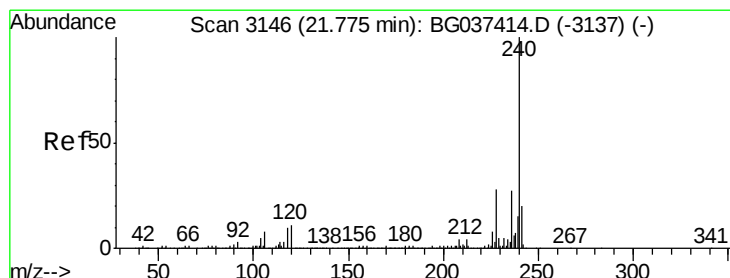
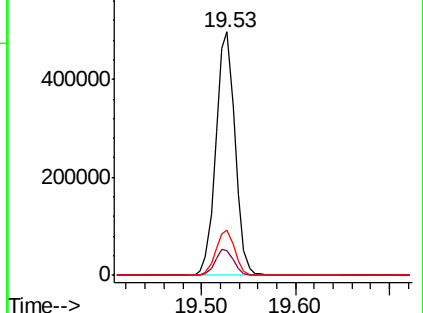
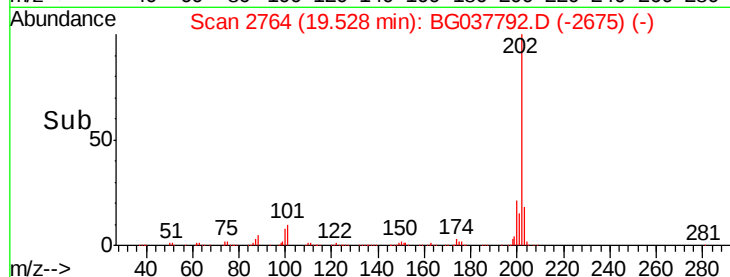
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

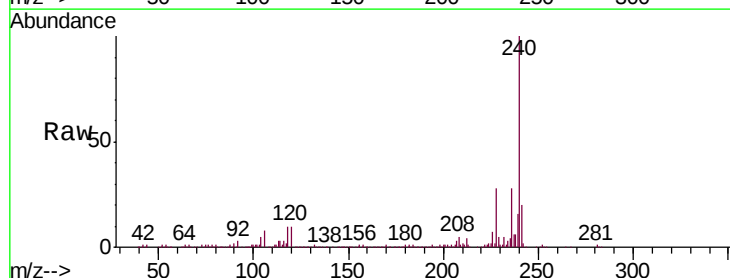
Tgt Ion:240 Resp: 353894

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

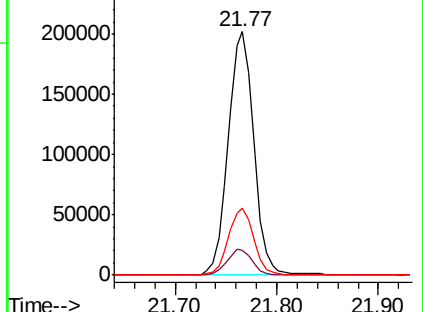
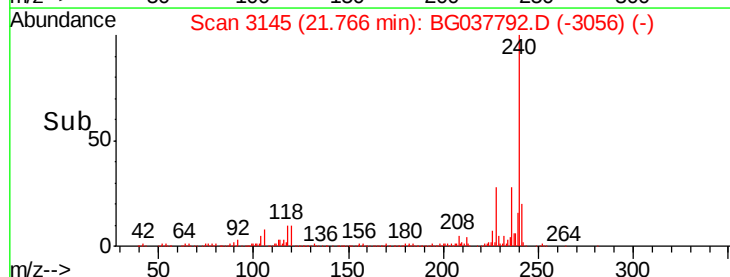
236 27.7 21.4 32.0



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: 12.033 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

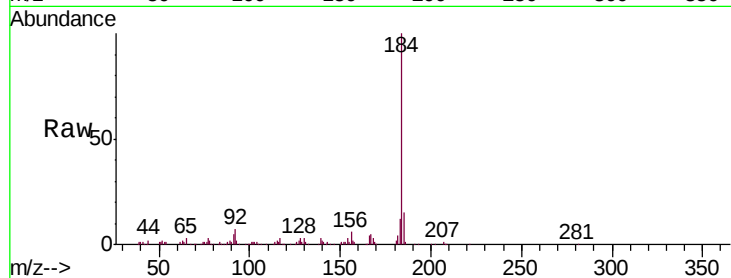
Tgt Ion:184 Resp: 144801

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

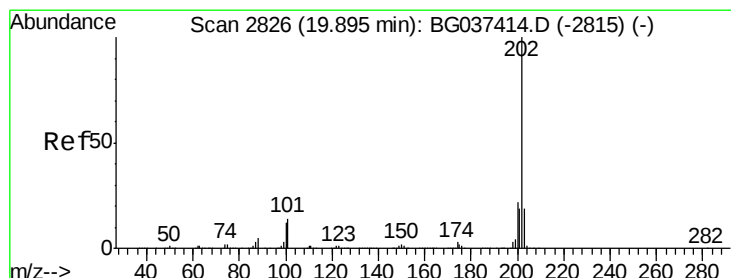
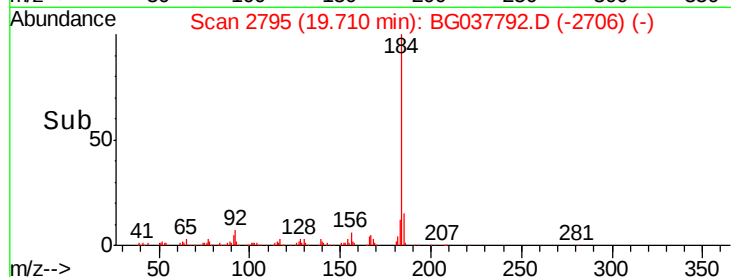
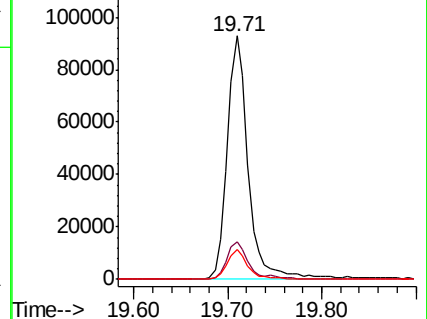
183 12.2 10.2 15.2



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: 31.129 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

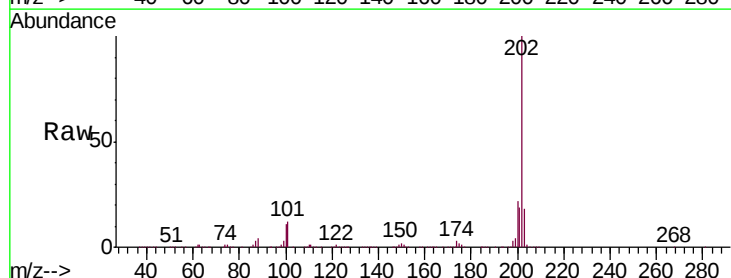
Tgt Ion:202 Resp: 720163

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

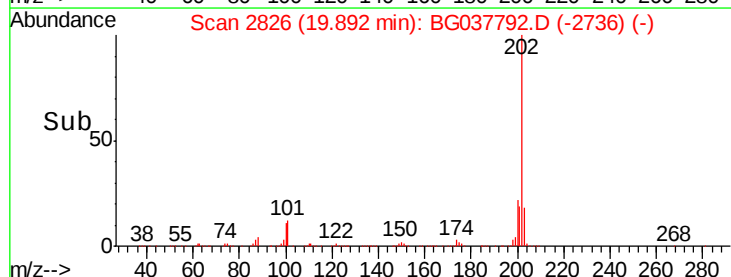
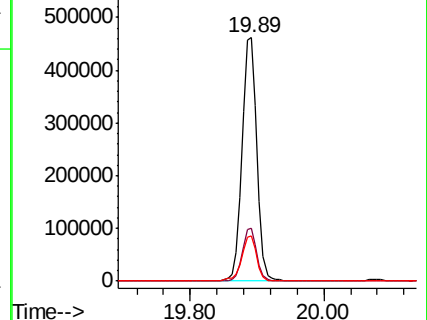
203 18.5 15.2 22.8



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: 58.007 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

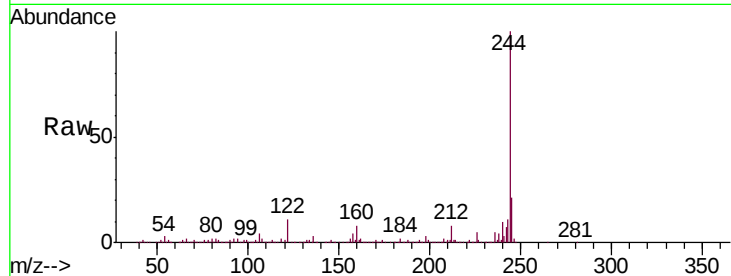
Tgt Ion:244 Resp: 960719

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

800000

600000

400000

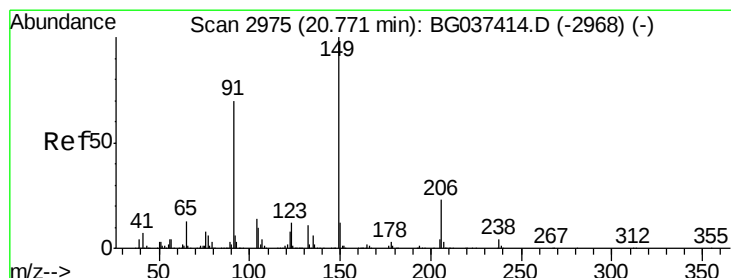
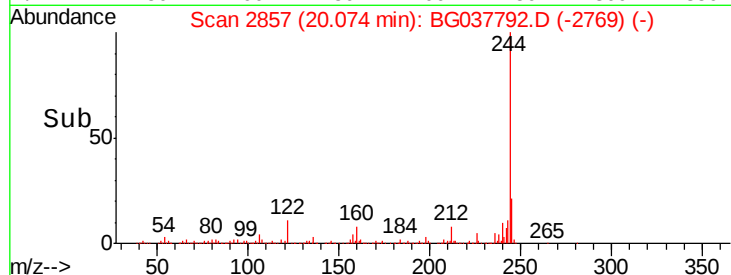
200000

0

20.07

20.00 20.10 20.20

Time-->



#80

Butylbenzylphthalate

Concen: 31.423 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

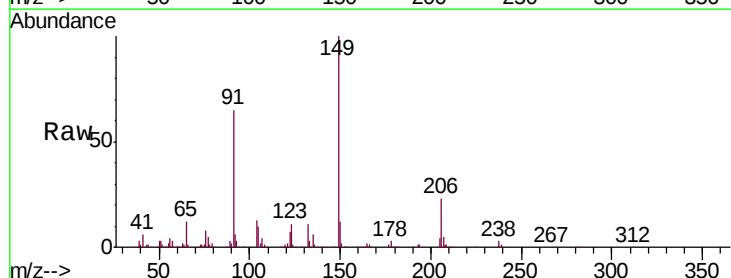
Tgt Ion:149 Resp: 297513

Ion Ratio Lower Upper

149 100

91 65.0 57.0 85.4

206 22.8 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

300000

250000

200000

150000

100000

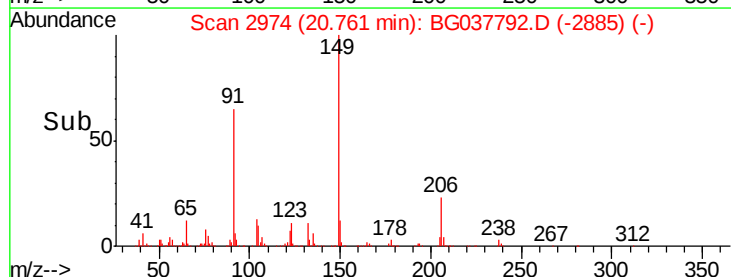
50000

0

20.76

20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 32.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

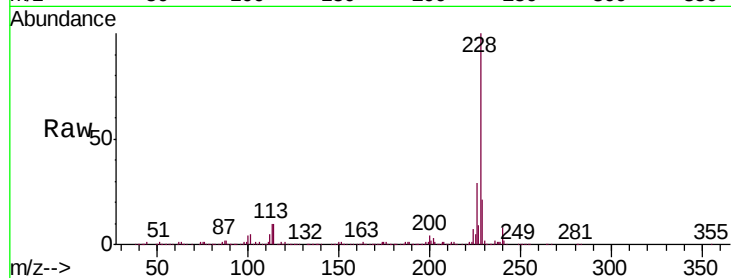
Tgt Ion:228 Resp: 669845

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

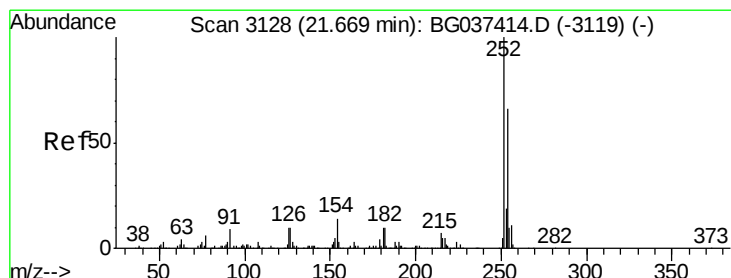
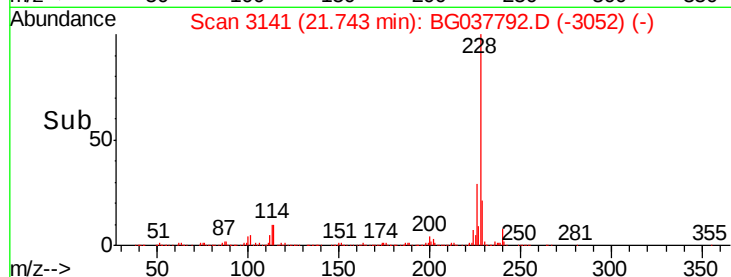
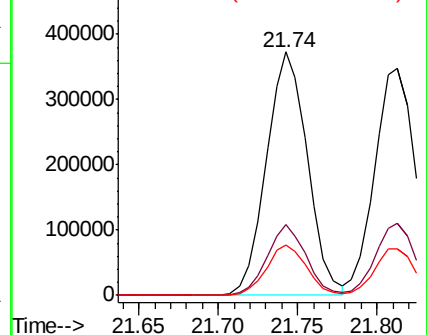
229 20.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.855 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

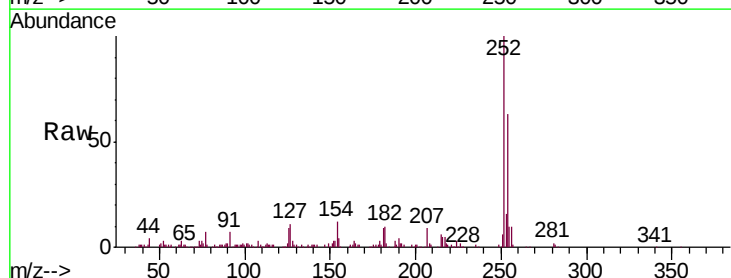
Tgt Ion:252 Resp: 120525

Ion Ratio Lower Upper

252 100

254 63.4 52.0 78.0

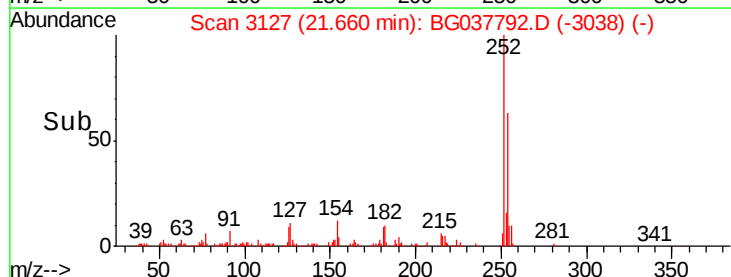
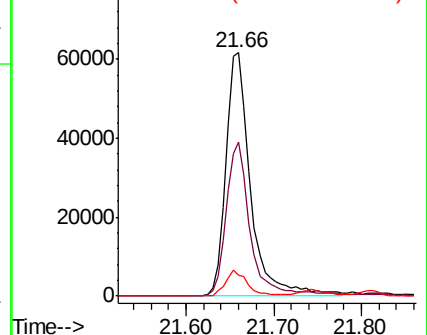
126 8.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.199 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

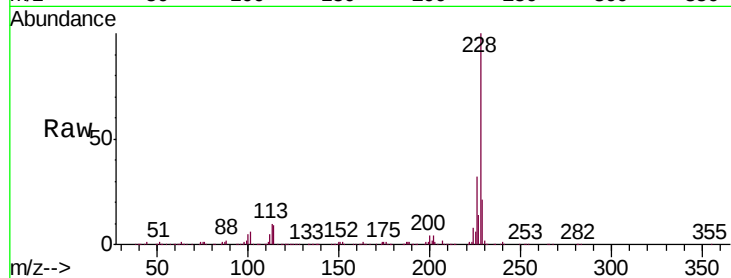
Tgt Ion:228 Resp: 627986

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

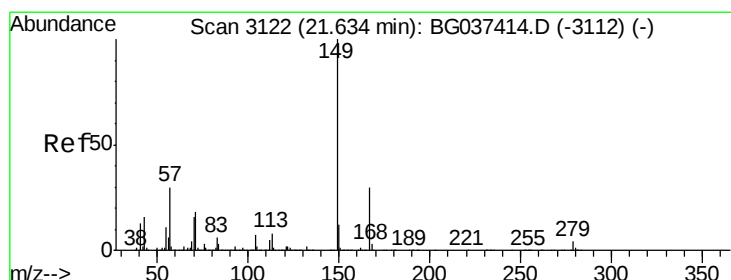
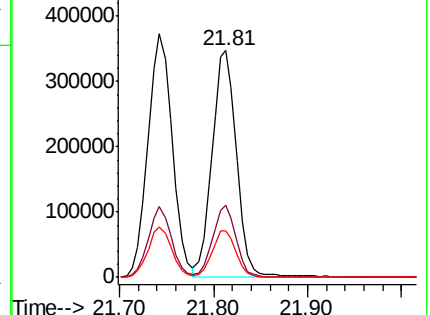
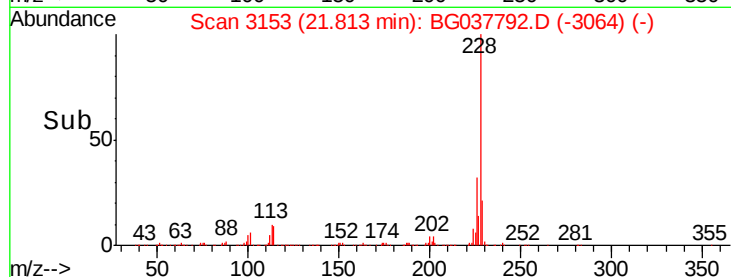
229 20.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.718 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

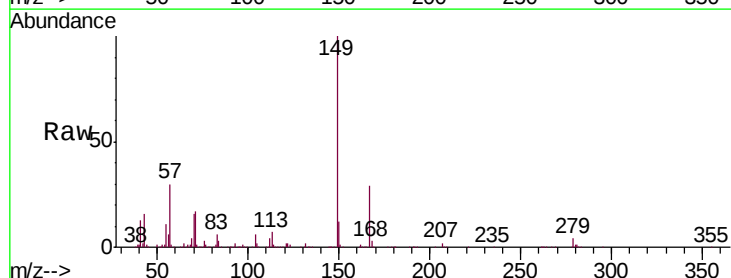
Tgt Ion:149 Resp: 420947

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

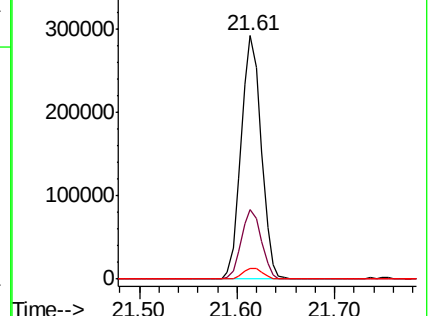
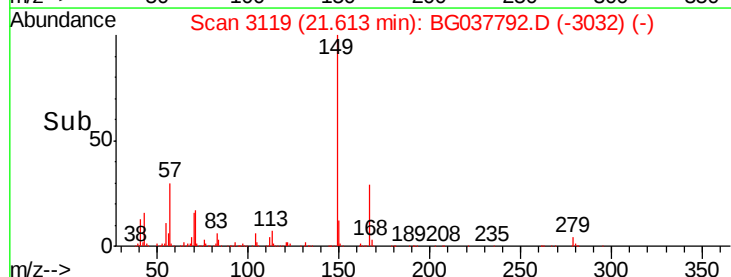
279 4.3 3.6 5.4



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

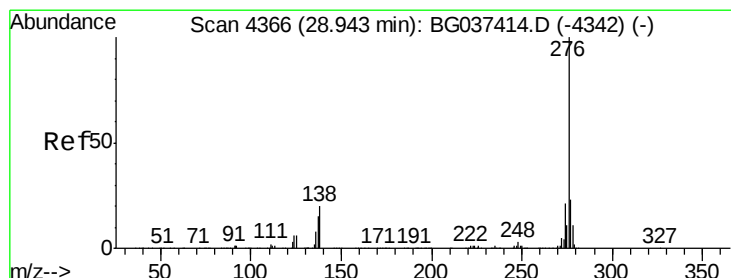
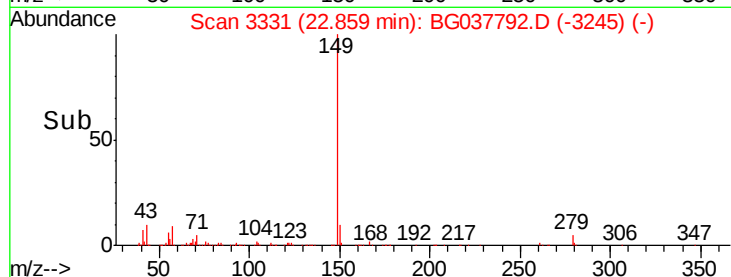
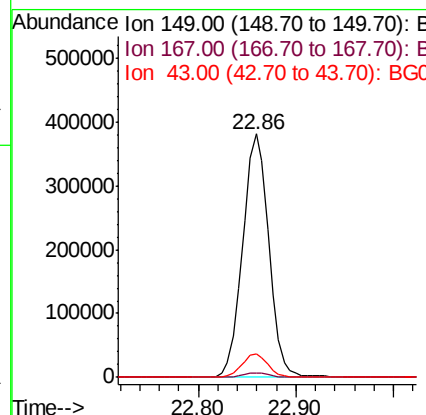
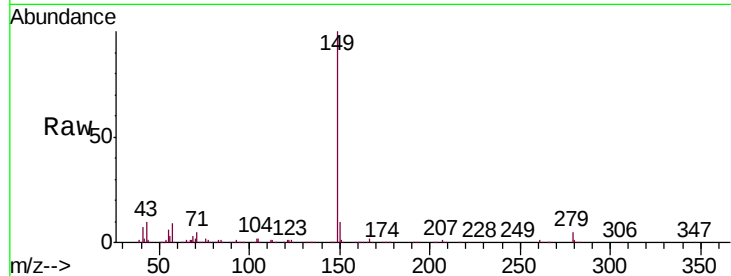




#85
Di-n-octyl phthalate
Concen: 32.936 ng
RT: 22.86 min Scan# 3331
Delta R.T. -0.03 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

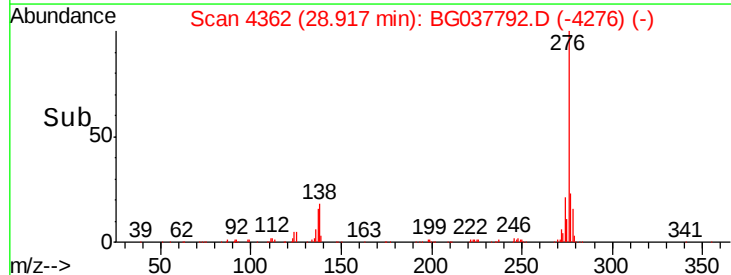
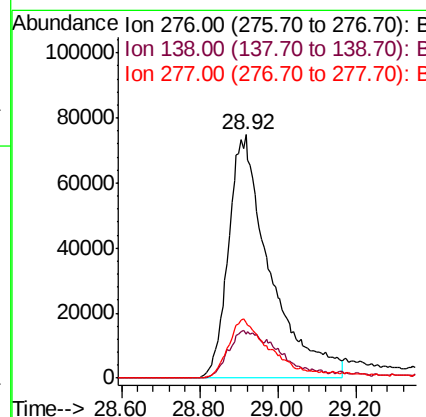
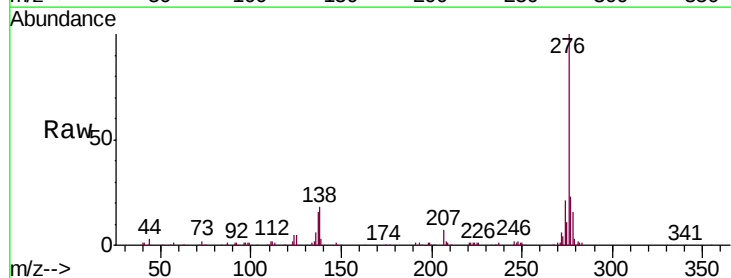
Instrument :
BNA_G
ClientSampleId :
PB114440BS

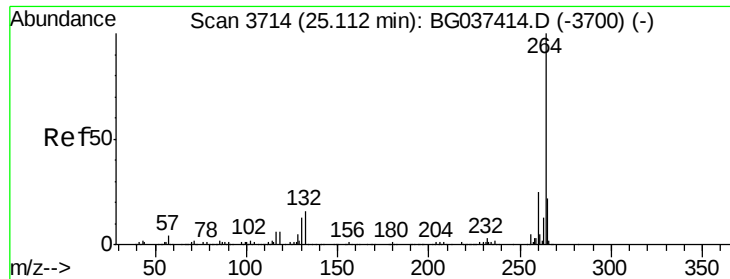
Tgt Ion:149 Resp: 712781
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.5 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 25.671 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:276 Resp: 554192
Ion Ratio Lower Upper
276 100
138 14.9 12.0 18.0
277 24.3 20.6 30.8

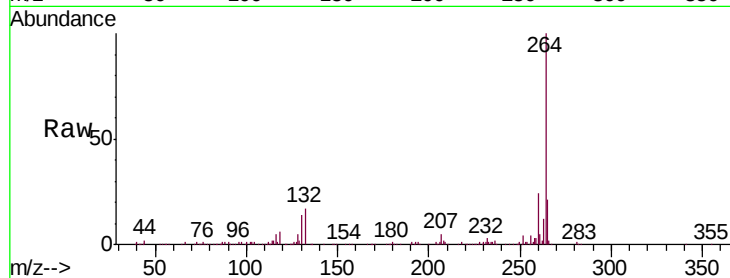




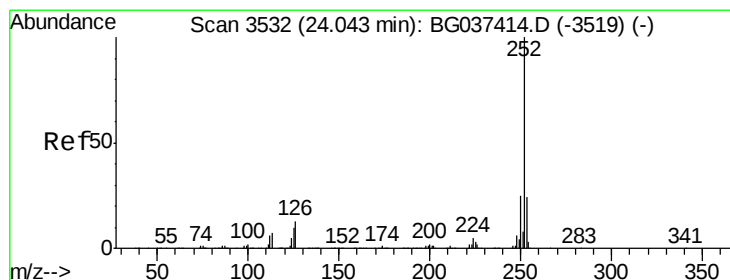
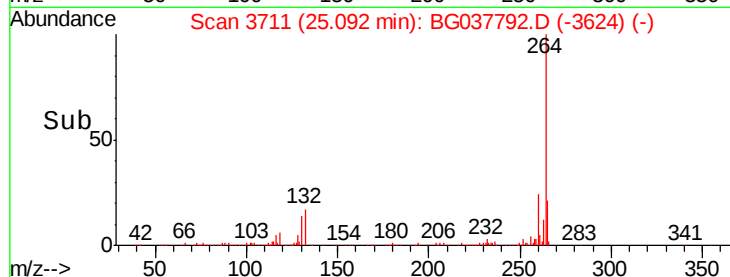
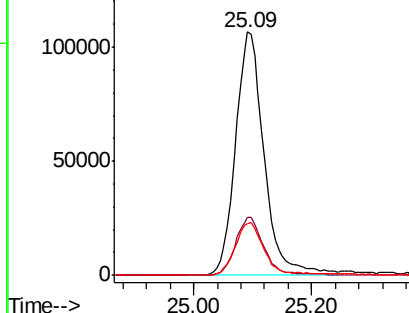
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:264 Resp: 360191
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.3 17.9 26.9

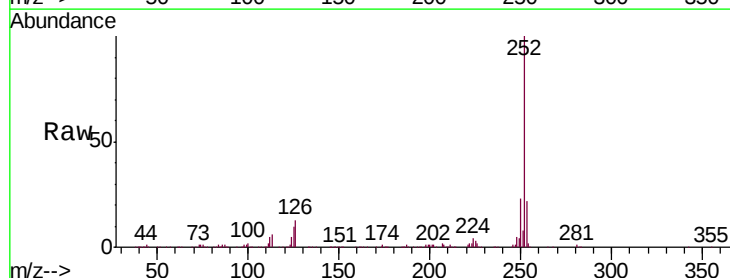


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

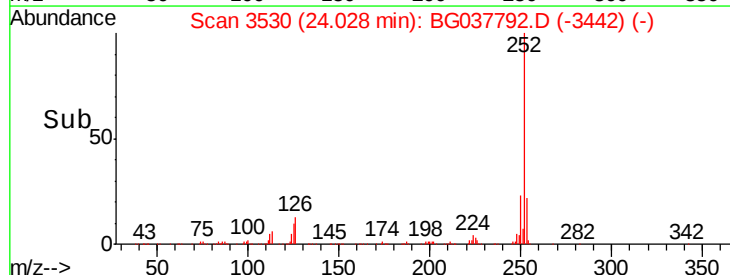
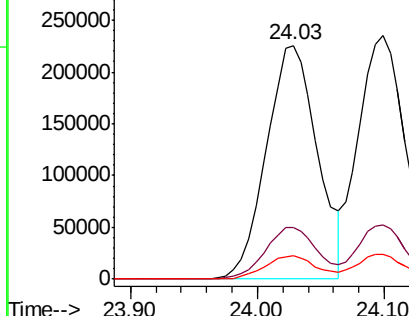


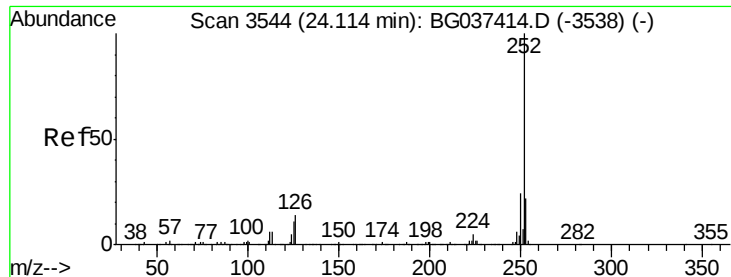
#88
Benzo(b)fluoranthene
Concen: 32.018 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:252 Resp: 632268
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.2 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: 32.694 ng

RT: 24.10 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

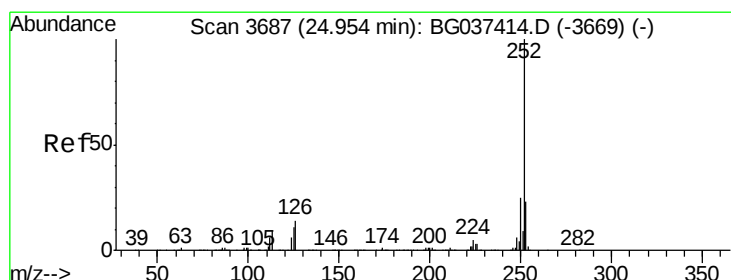
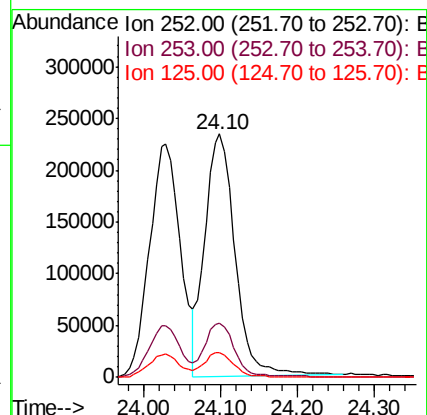
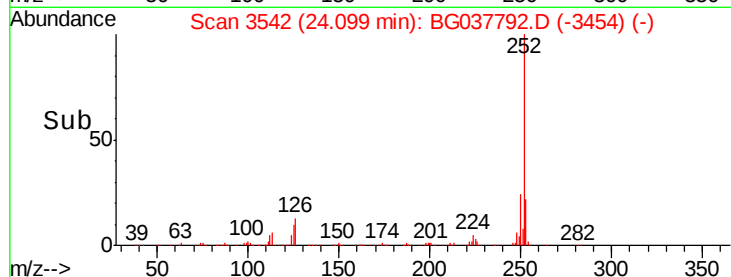
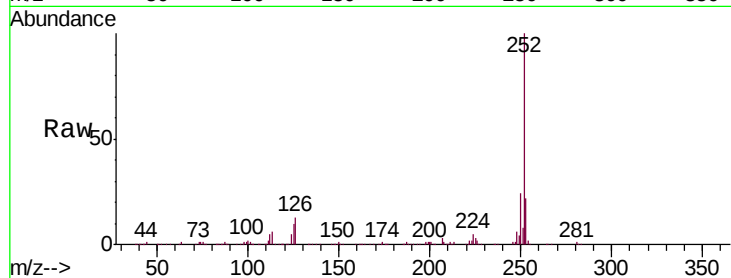
Tgt Ion:252 Resp: 632527

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 32.044 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

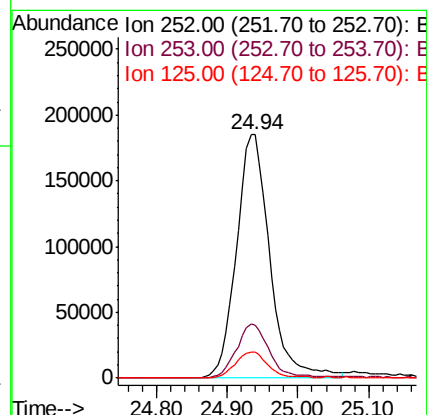
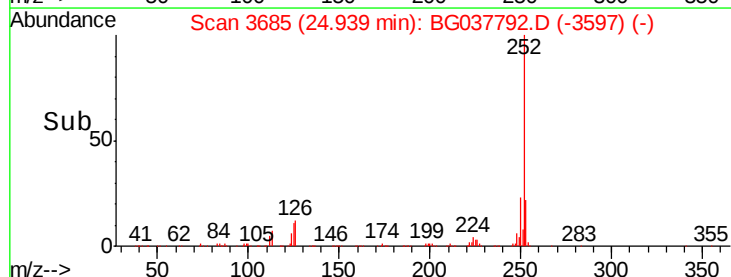
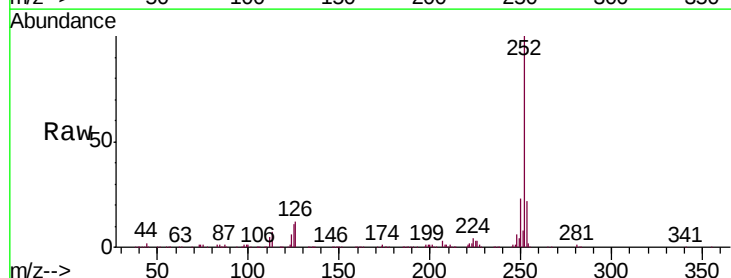
Tgt Ion:252 Resp: 601283

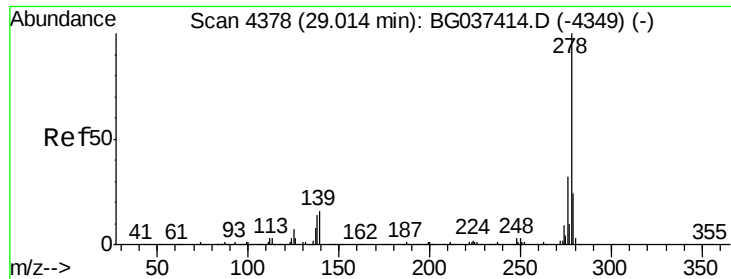
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.8 9.0 13.6



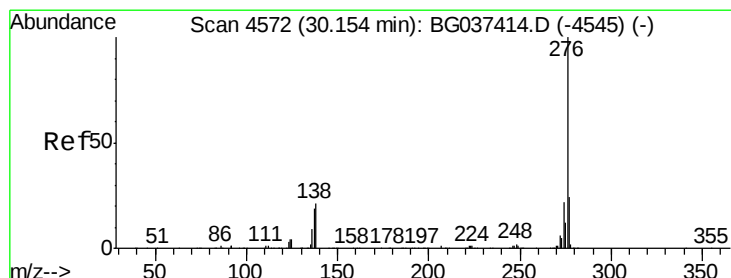
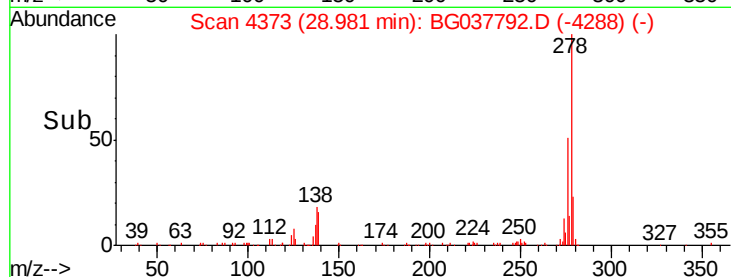
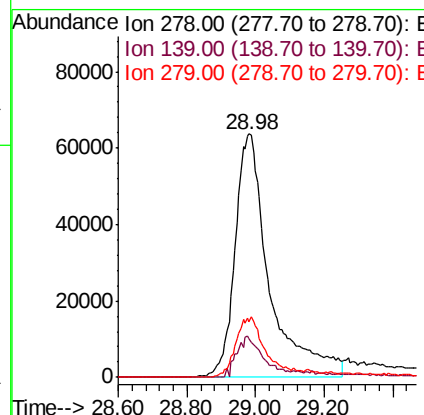
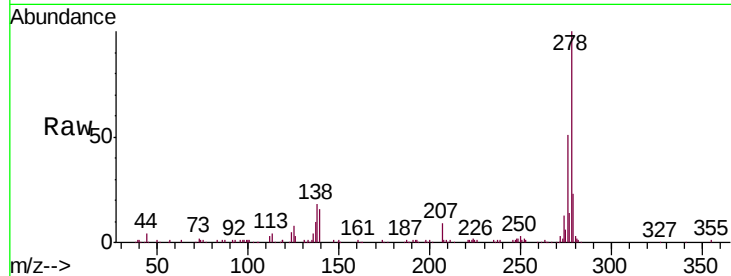


#91
Dibenzo(a,h)anthracene
Concen: 25.772 ng
RT: 28.98 min Scan# 4373
Delta R.T. -0.03 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tgt Ion:278 Resp: 446075

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	22.9	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 25.418 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion:276 Resp: 445099

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	22.3	17.2	25.8

