

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037537.D
 Acq On : 25 Oct 2018 8:31
 Operator : JU/SJ
 Sample : PB114090BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 10:35:31 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	8.11	152	53243	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	239987	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162312	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	403284	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363191	20.00	ng	0.00
87) Perylene-d12	25.10	264	374697	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	287514	90.28	ng	0.00
7) Phenol-d6	7.25	99	416630	86.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	340440	79.47	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	150951	85.27	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	848245	78.81	ng	0.00
79) Terphenyl-d14	20.08	244	1222666	71.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	44125	27.321	ng	97
3) Pyridine	3.93	79	131048	32.194	ng	94
4) n-Nitrosodimethylamine	3.85	42	64911	44.770	ng	# 95
6) Aniline	7.42	93	109071	18.566	ng	96
8) 2-Chlorophenol	7.67	128	159925	42.926	ng	95
9) Benzaldehyde	7.24	77	67700	22.474	ng	99
10) Phenol	7.28	94	219601	43.220	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	141605	36.695	ng	95
12) 1,3-Dichlorobenzene	7.99	146	151053	36.419	ng	100
13) 1,4-Dichlorobenzene	8.14	146	154163	36.337	ng	99
14) 1,2-Dichlorobenzene	8.46	146	146021	35.780	ng	99
15) Benzyl Alcohol	8.34	79	142558	40.064	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	264990	38.377	ng	97
17) 2-Methylphenol	8.53	107	144122	42.905	ng	97
18) Hexachloroethane	9.19	117	54198	37.471	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	117856	35.541	ng	98
20) 3+4-Methylphenols	8.86	107	202745	42.215	ng	99
22) Acetophenone	8.93	105	223994	37.216	ng	# 98
24) Nitrobenzene	9.32	77	172634	38.790	ng	93
25) Isophorone	9.84	82	338841	43.288	ng	97
26) 2-Nitrophenol	10.03	139	81788	40.794	ng	97
27) 2,4-Dimethylphenol	10.07	122	171331	47.862	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	208683	40.691	ng	96
29) 2,4-Dichlorophenol	10.56	162	170675	42.822	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	159123	36.712	ng	97
31) Naphthalene	10.98	128	482389	40.924	ng	99
32) Benzoic acid	10.19	122	104615	44.995	ng	97
33) 4-Chloroaniline	11.08	127	67534	12.194	ng	99
34) Hexachlorobutadiene	11.24	225	90325	35.162	ng	96
35) Caprolactam	11.93	113	22316	13.961	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	194578	43.288	ng	99
37) 2-Methylnaphthalene	12.57	142	369509	43.003	ng	98
38) 1-Methylnaphthalene	12.79	142	352733	42.270	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	183155	34.984	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	215607	86.214	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	146797	41.969	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	161397	42.381	ng	97
46) 1,1'-Biphenyl	13.58	154	486011	36.156	ng	98
47) 2-Chloronaphthalene	13.62	162	384126	37.772	ng	99
48) 2-Nitroaniline	13.83	65	131652	42.689	ng	98
49) Acenaphthylene	14.46	152	648729	42.406	ng	99
50) Dimethylphthalate	14.19	163	517395	41.205	ng	100
51) 2,6-Dinitrotoluene	14.32	165	116421	41.911	ng	95
52) Acenaphthene	14.80	154	374899	39.792	ng	99
53) 3-Nitroaniline	14.65	138	73203	23.738	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	83746	72.459	ng	93
55) Dibenzofuran	15.13	168	610477	39.109	ng	100
56) 4-Nitrophenol	14.94	139	275393	120.649	ng	98
57) 2,4-Dinitrotoluene	15.10	165	163530	44.848	ng	# 99
58) Fluorene	15.79	166	501262	42.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143486	44.006	ng	97
60) Diethylphthalate	15.54	149	532530	41.309	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	259352	38.065	ng	99
62) 4-Nitroaniline	15.81	138	130819	42.692	ng	90
63) Azobenzene	16.06	77	508175	41.315	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	76383	38.204	ng	98
66) n-Nitrosodiphenylamine	15.98	169	462671	38.140	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	166077	37.500	ng	98
68) Hexachlorobenzene	16.78	284	164053	35.742	ng	98
69) Atrazine	16.93	200	170464	38.866	ng	99
70) Pentachlorophenol	17.12	266	201862	65.657	ng	96
71) Phenanthrene	17.52	178	841937	41.078	ng	98
72) Anthracene	17.62	178	849870	42.252	ng	98
73) Carbazole	17.89	167	778936	38.714	ng	99
74) Di-n-butylphthalate	18.43	149	929642	41.536	ng	99
75) Fluoranthene	19.53	202	990127	42.593	ng	98
77) Benzidine	19.72	184	208610	16.892	ng	97
78) Pyrene	19.89	202	972773	40.972	ng	99
80) Butylbenzylphthalate	20.76	149	419285	43.151	ng	99
81) Benzo(a)anthracene	21.75	228	919904	42.821	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	187303	22.494	ng	99
83) Chrysene	21.81	228	856324	41.455	ng	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	586682	43.075	ng	99
85) Di-n-octyl phthalate	22.87	149	998799	44.971	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	926121	41.800	ng	98
88) Benzo(b)fluoranthene	24.03	252	899160	43.771	ng	99
89) Benzo(k)fluoranthene	24.03	252	899160	44.677	ng	97
90) Benzo(a)pyrene	24.94	252	866945	44.413	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	729655	40.524	ng	# 96
92) Benzo(g,h,i)perylene	30.13	276	717873	39.408	ng	98

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

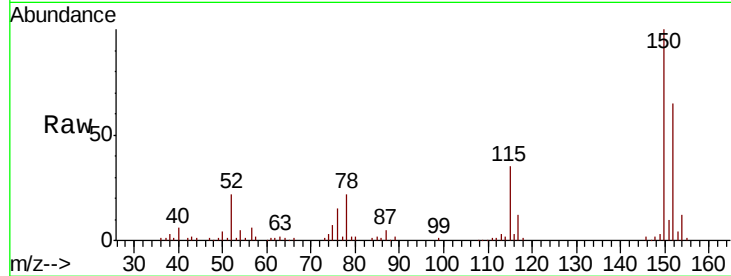


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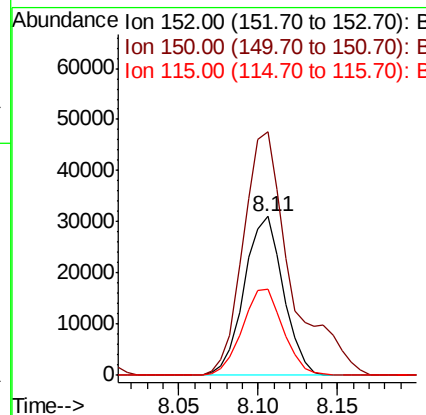
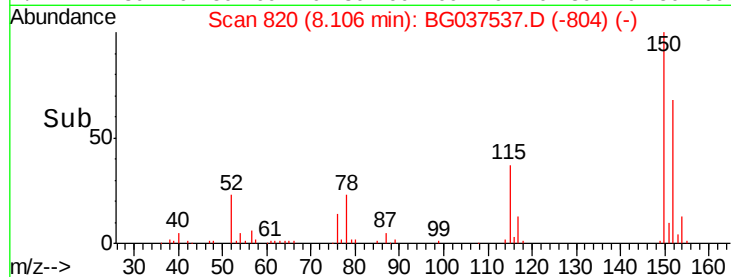
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53243
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 54.2 45.5 68.3



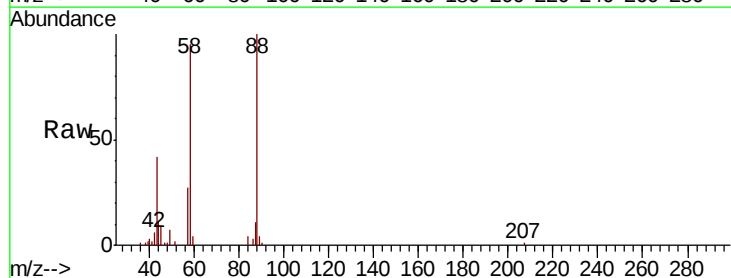
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



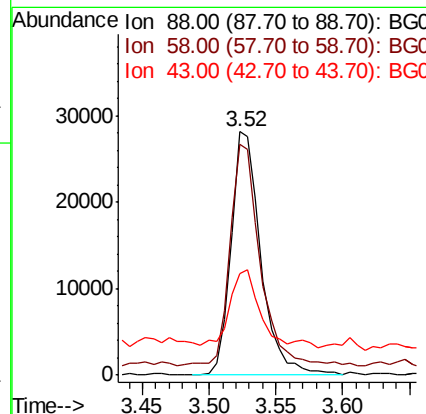
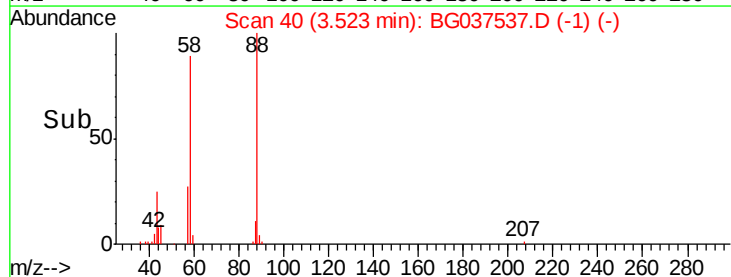
#2

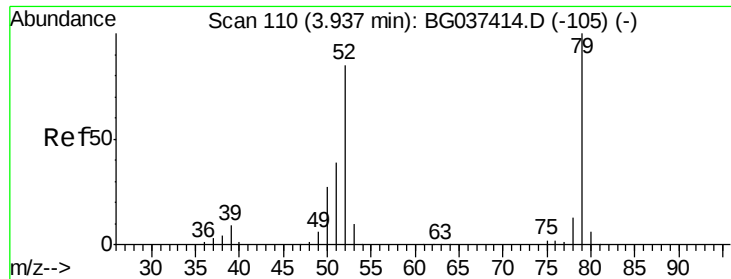
1,4-Dioxane
Concen: 27.321 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion: 88 Resp: 44125
Ion Ratio Lower Upper
88 100
58 91.6 74.4 111.6
43 28.5 25.8 38.8



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





#3

Pvridine

Concen: 32.194 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

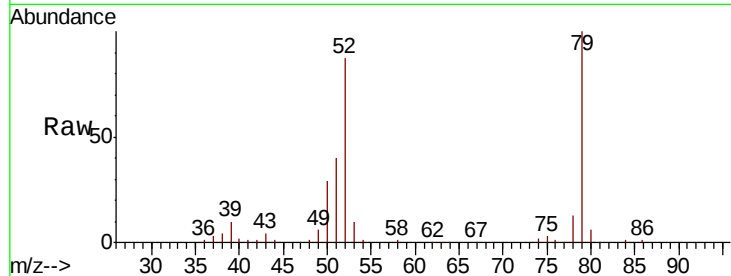
Tot Ion: 79 Resp: 131048

Ion Ratio Lower Upper

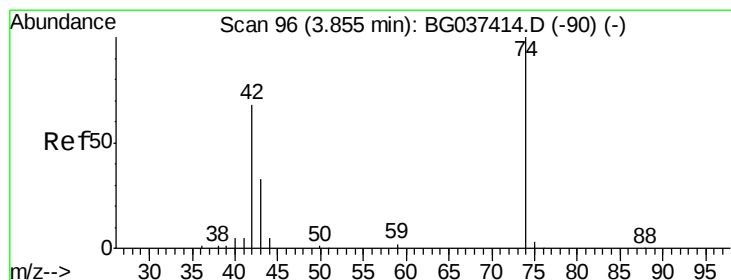
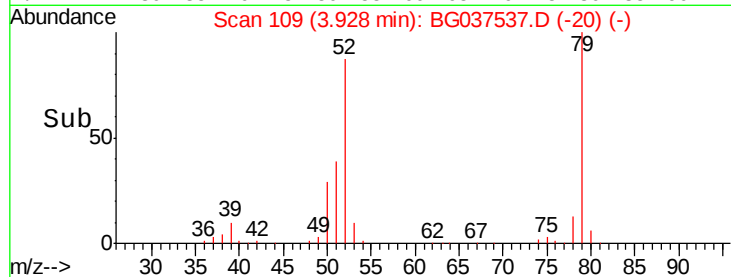
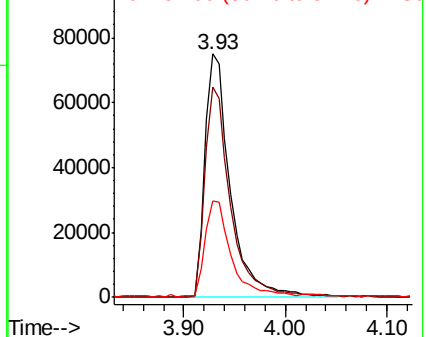
79 100

52 86.5 74.2 111.2

51 39.8 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.770 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

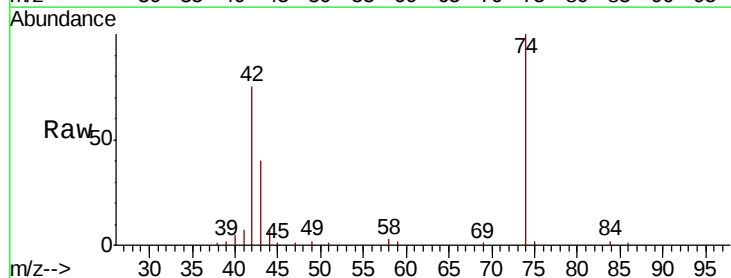
Tgt Ion: 42 Resp: 64911

Ion Ratio Lower Upper

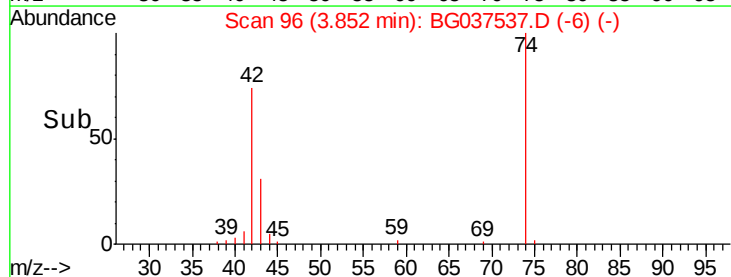
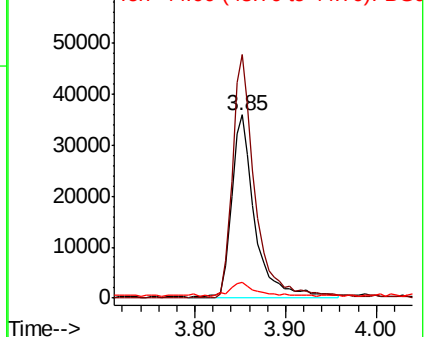
42 100

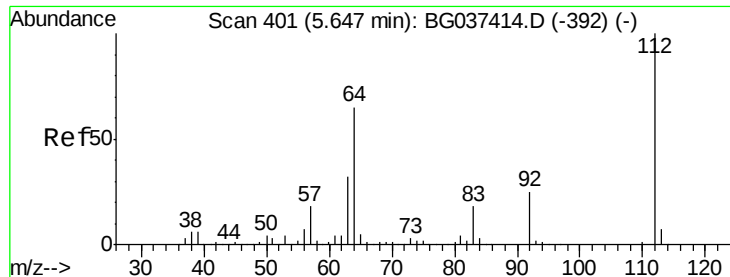
74 132.9 102.0 153.0

44 8.9 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 90.281 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

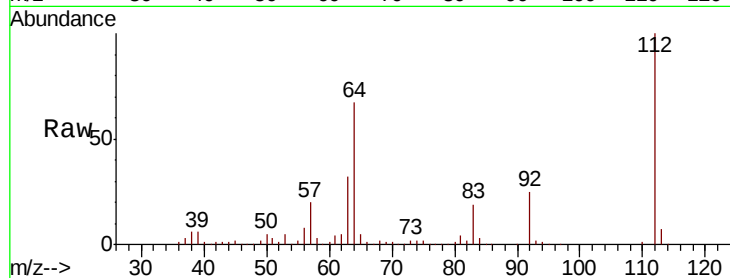
Tot Ion:112 Resp: 287514

Ion Ratio Lower Upper

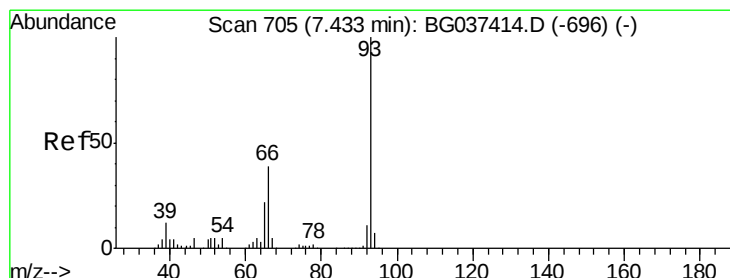
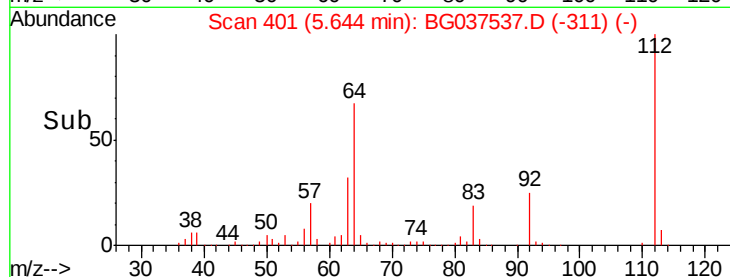
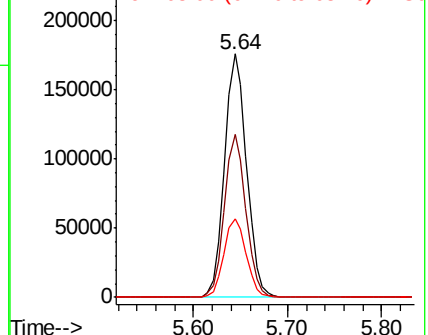
112 100

64 66.8 53.1 79.7

63 32.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.566 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

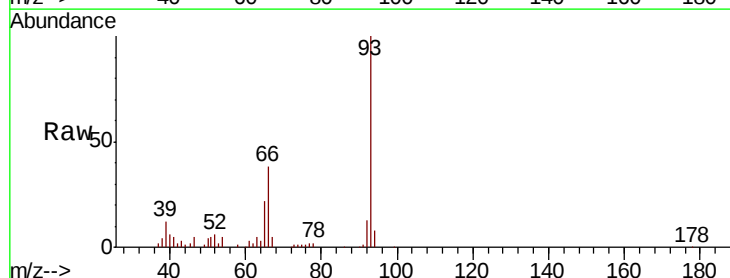
Tgt Ion: 93 Resp: 109071

Ion Ratio Lower Upper

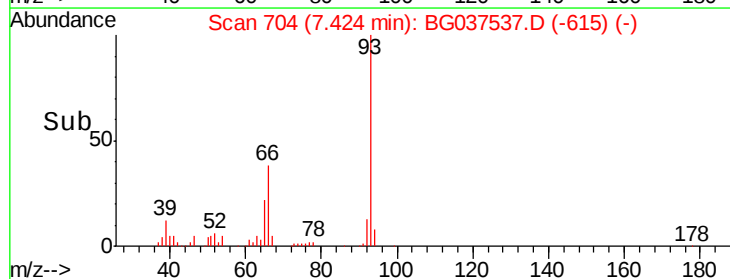
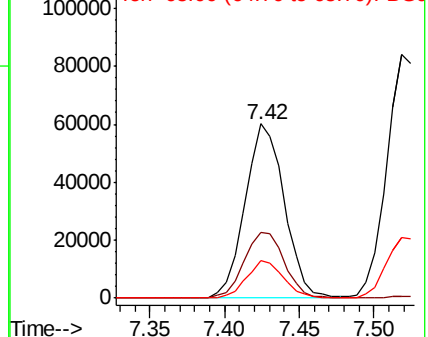
93 100

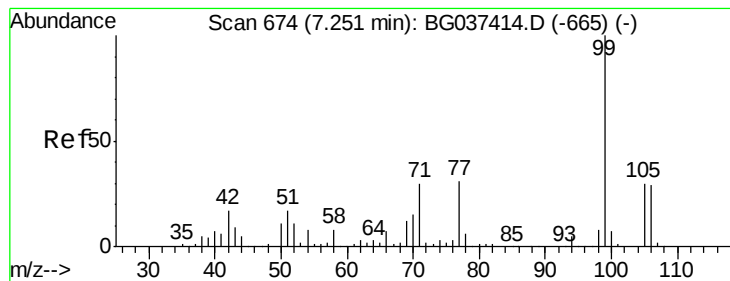
66 38.0 32.8 49.2

65 21.6 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: 86.516 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

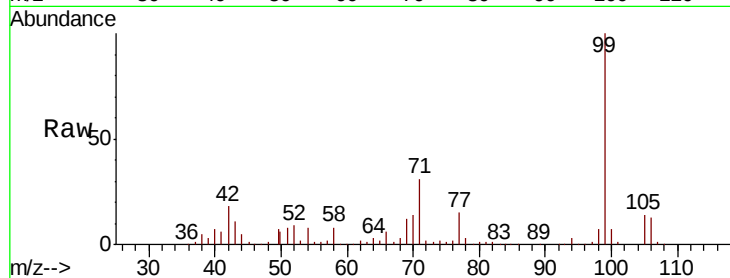
Tot Ion: 99 Resp: 416630

Ion Ratio Lower Upper

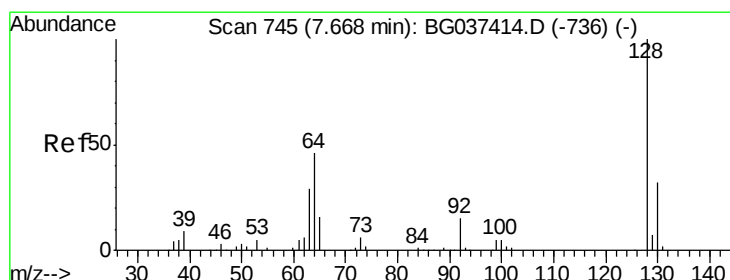
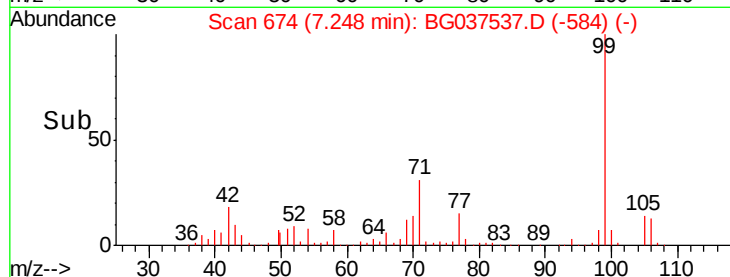
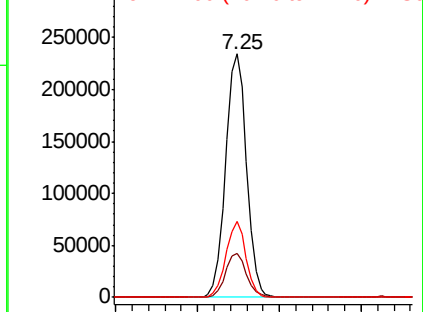
99 100

42 17.8 15.0 22.4

71 31.2 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.926 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

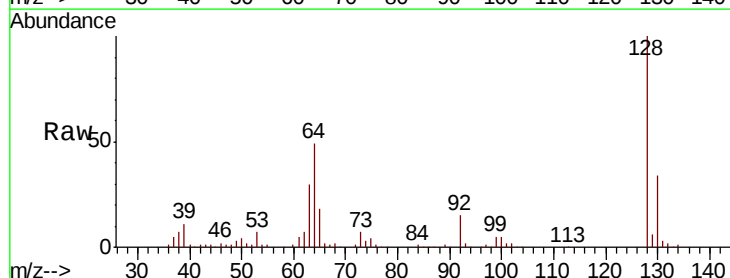
Tgt Ion: 128 Resp: 159925

Ion Ratio Lower Upper

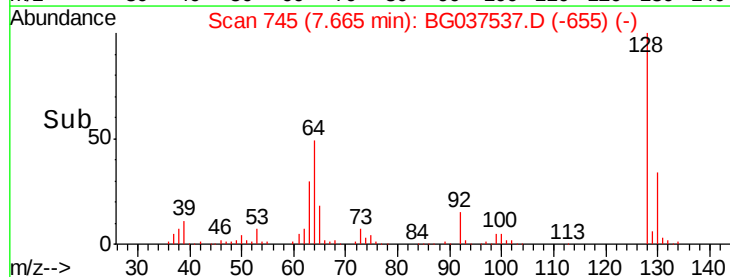
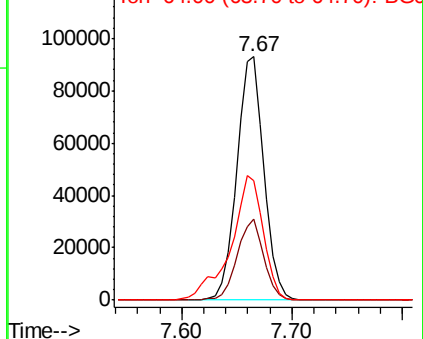
128 100

130 33.5 12.0 52.0

64 48.9 32.9 72.9



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

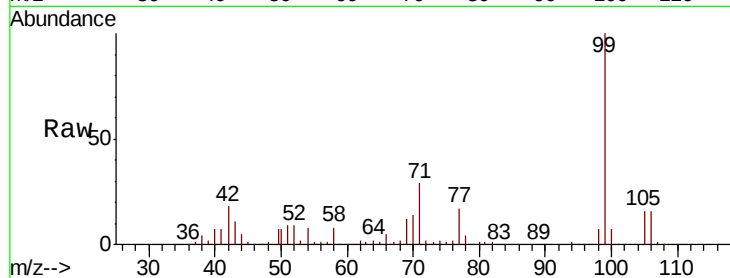




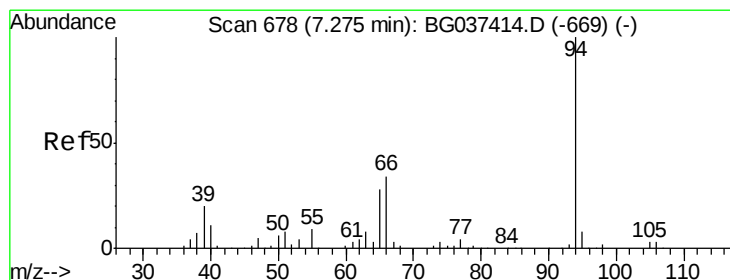
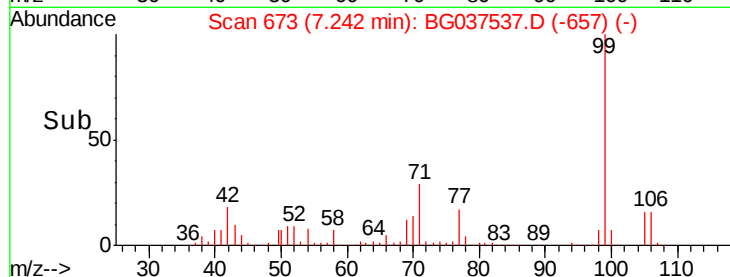
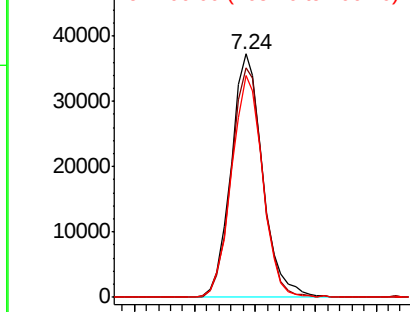
#9
Benzaldehyde
Concen: 22.474 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 67700
Ion Ratio Lower Upper
77 100
105 94.3 72.6 112.6
106 91.3 71.3 111.3

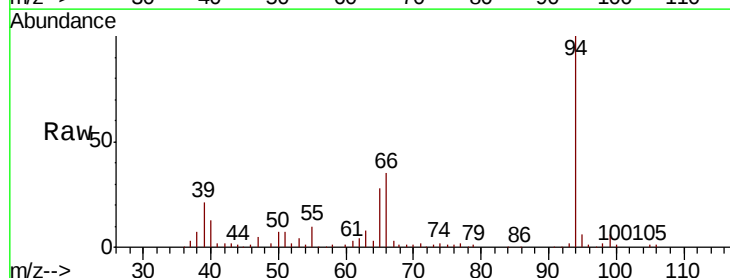


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

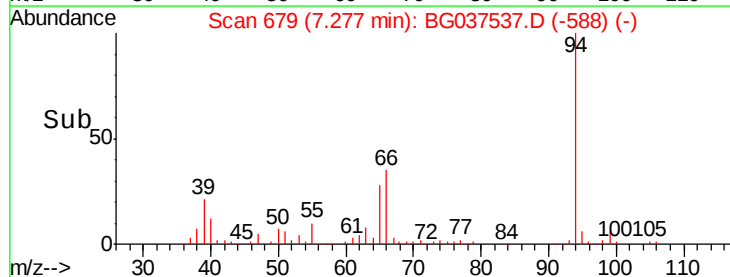
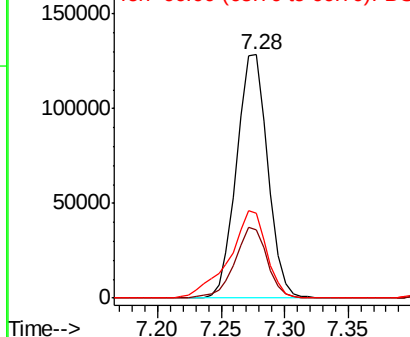


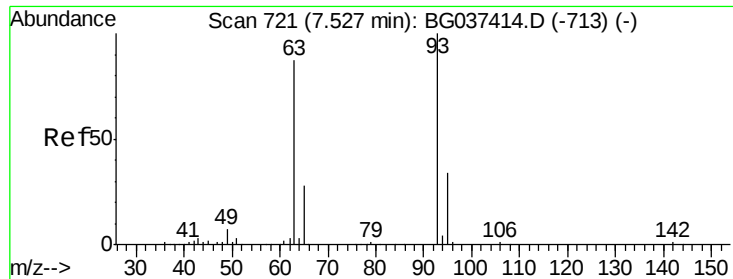
#10
Phenol
Concen: 43.220 ng
RT: 7.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion: 94 Resp: 219601
Ion Ratio Lower Upper
94 100
65 28.0 9.7 49.7
66 35.0 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

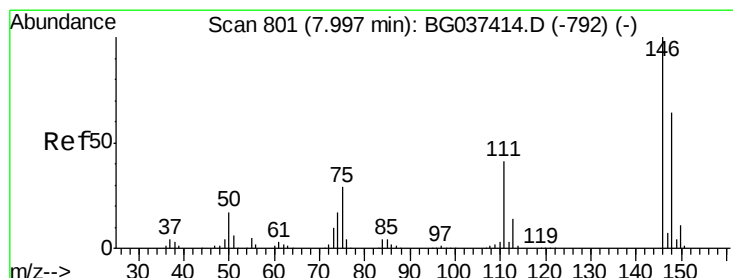
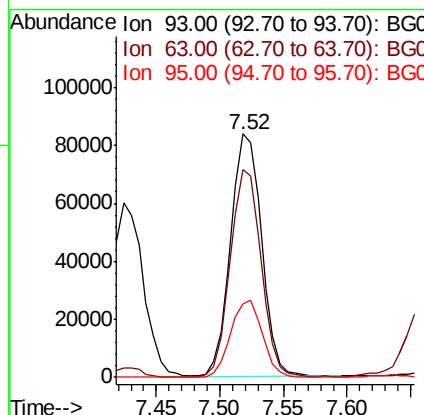
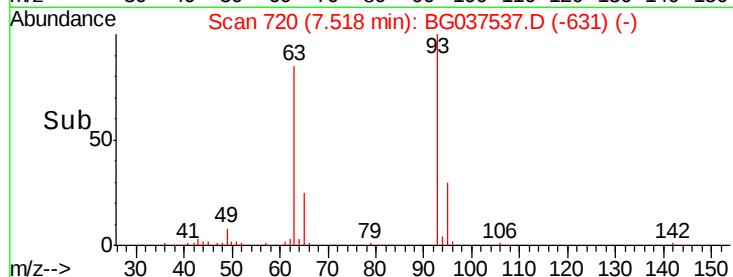
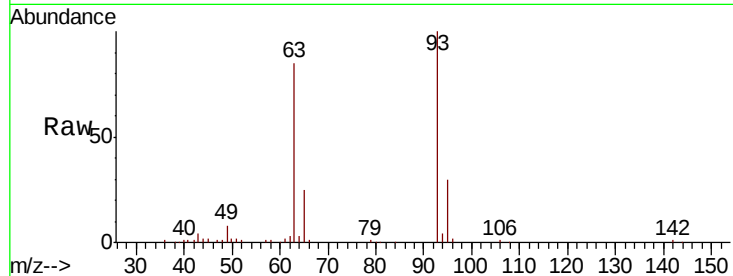




#11
 bis(2-Chloroethyl)ether
 Concen: 36.695 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

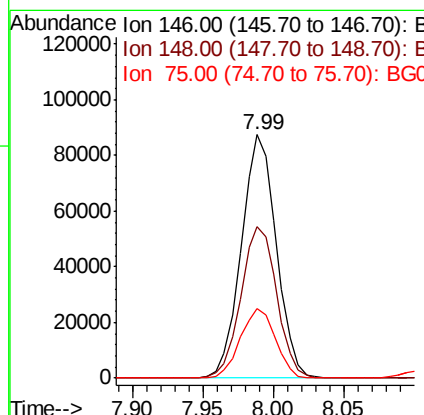
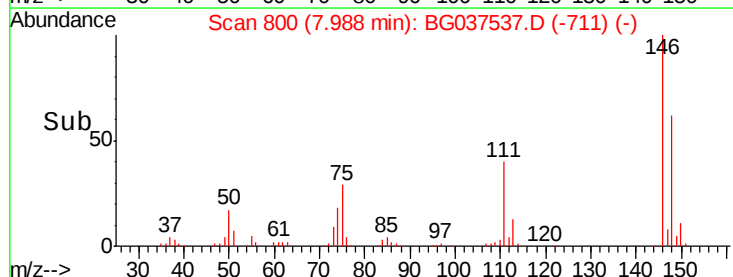
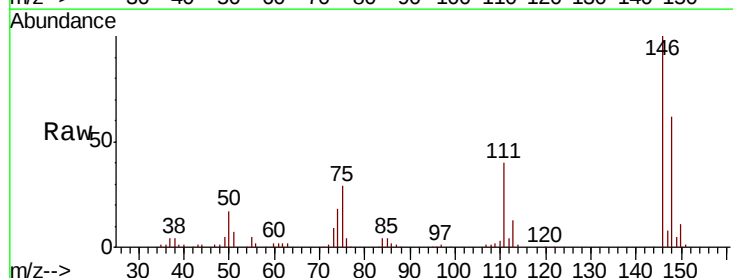
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 141605
 Ion Ratio Lower Upper
 93 100
 63 85.1 69.5 109.5
 95 30.3 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 36.419 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion: 146 Resp: 151053
 Ion Ratio Lower Upper
 146 100
 148 62.0 49.8 74.8
 75 28.7 23.2 34.8

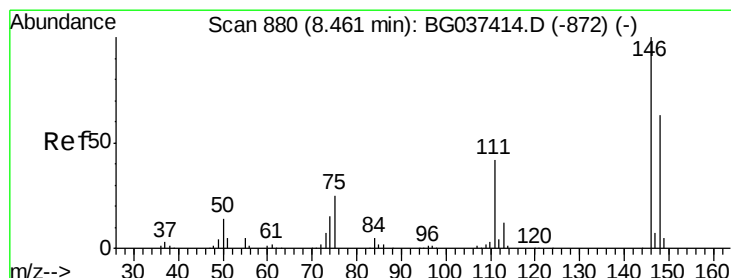
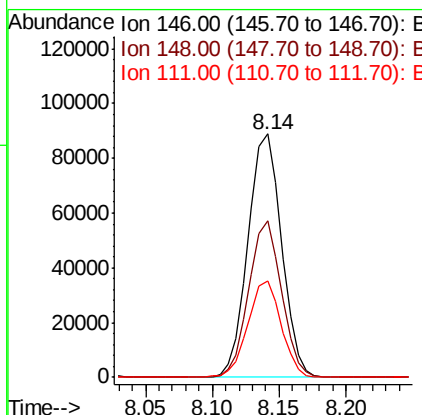
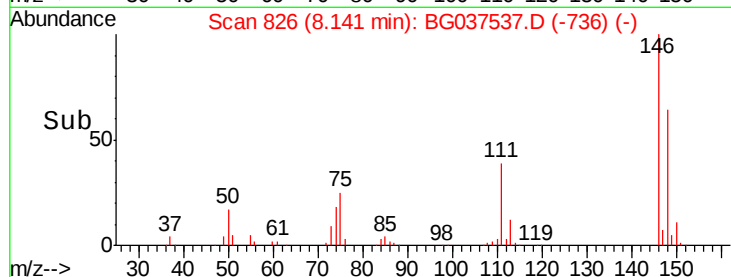
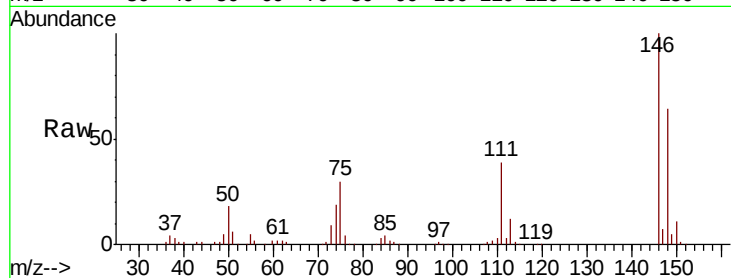




#13
 1,4-Dichlorobenzene
 Concen: 36.337 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

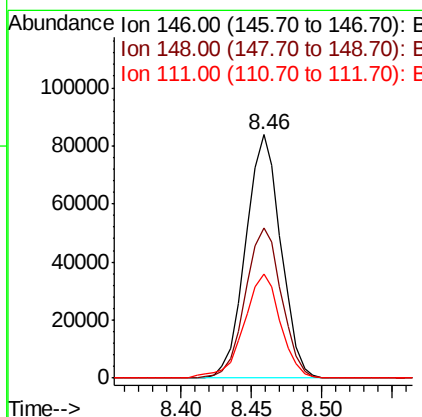
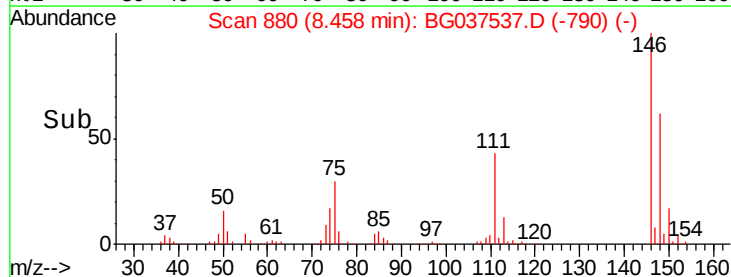
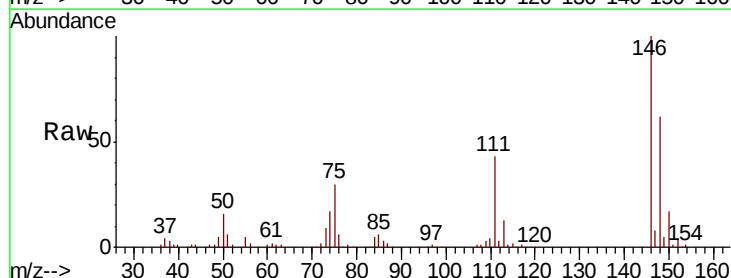
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 154163
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 39.4 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 35.780 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion:146 Resp: 146021
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.4 75.6
 111 42.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.064 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

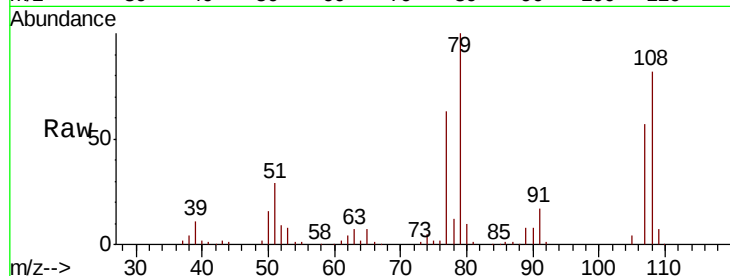
Tot Ion: 79 Resp: 142558

Ion Ratio Lower Upper

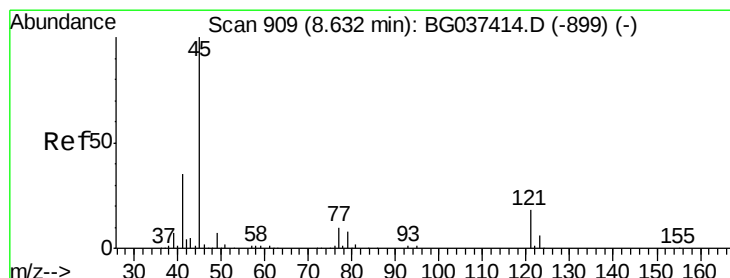
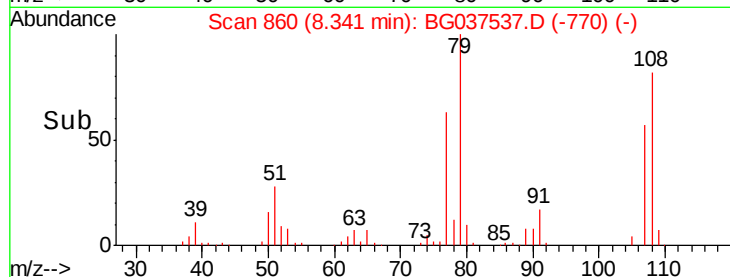
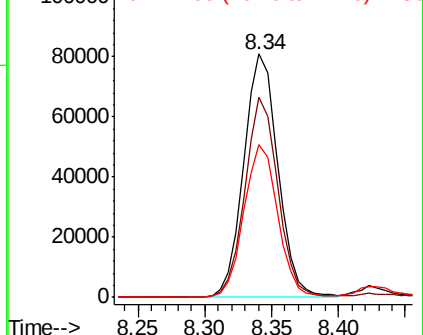
79 100

108 82.1 65.8 98.8

77 62.8 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.377 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

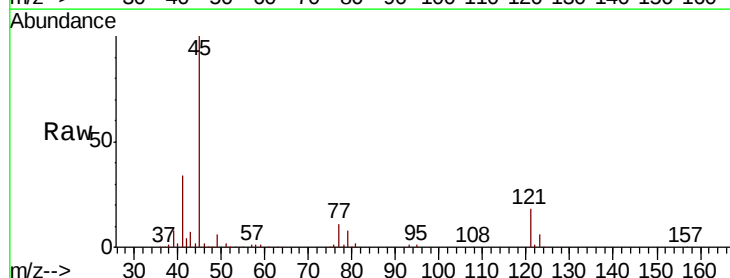
Tgt Ion: 45 Resp: 264990

Ion Ratio Lower Upper

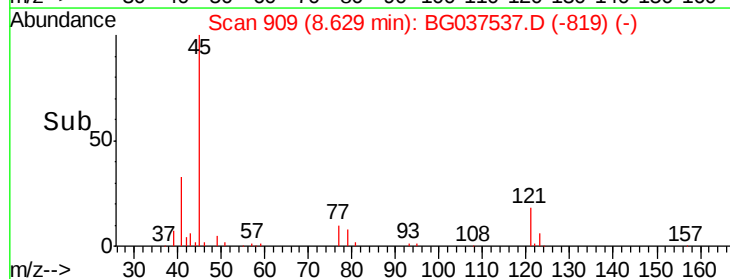
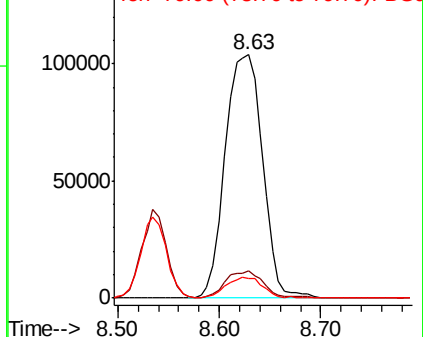
45 100

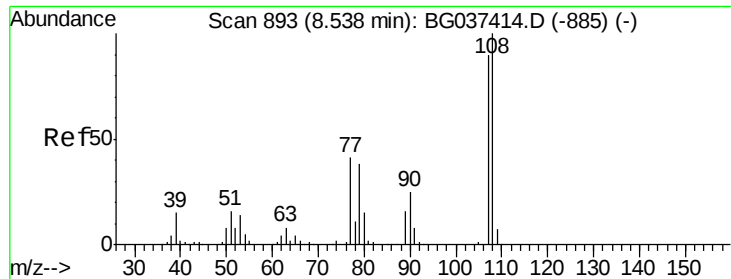
77 11.1 0.0 30.0

79 8.2 0.0 29.0



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

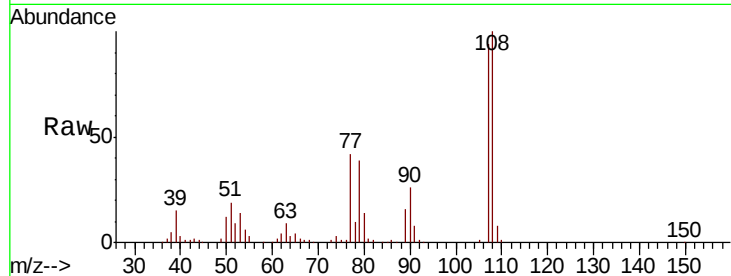




#17
2-Methylphenol
Concen: 42.905 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.7	87.9	131.9
77	44.9	35.1	52.7
79	41.3	34.5	51.7



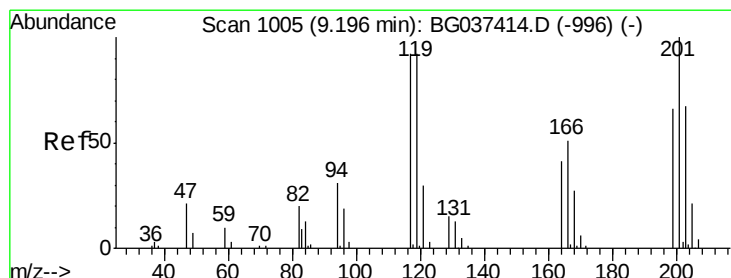
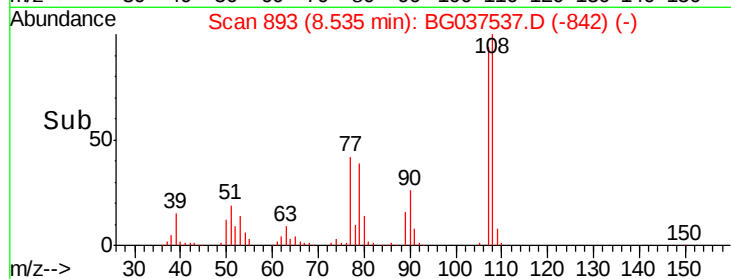
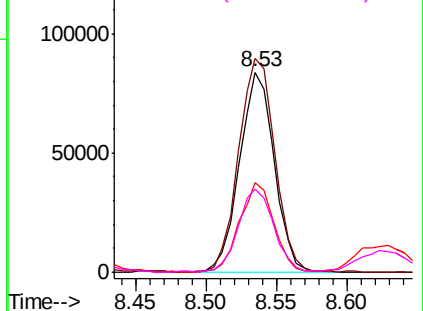
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

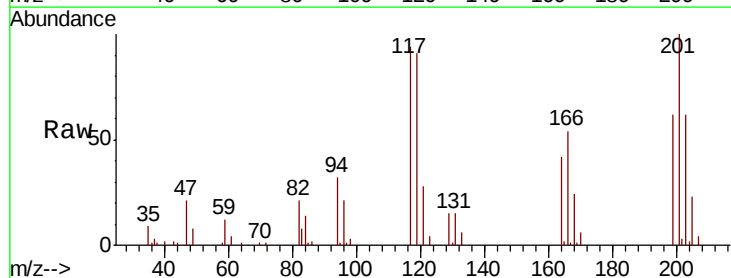
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.471 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.6	111.8
201	110.1	80.8	121.2

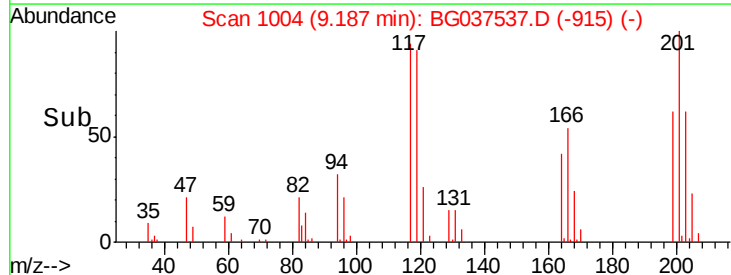
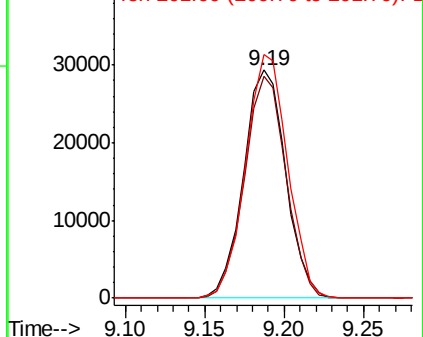


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

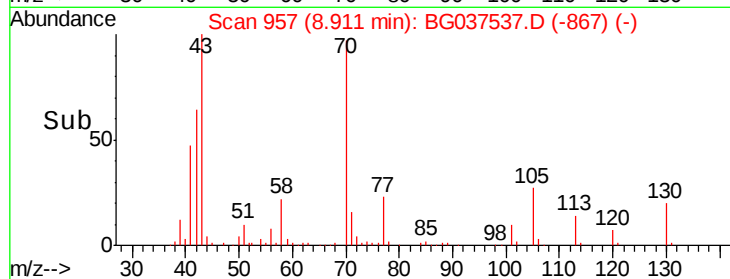
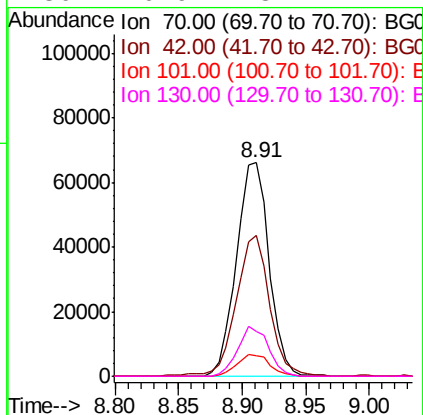
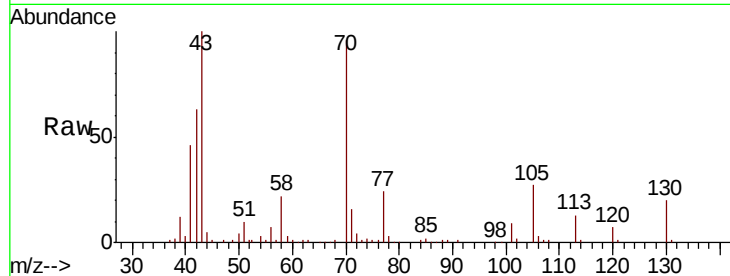




#19
n-Nitroso-di-n-propylamine
Concen: 35.541 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

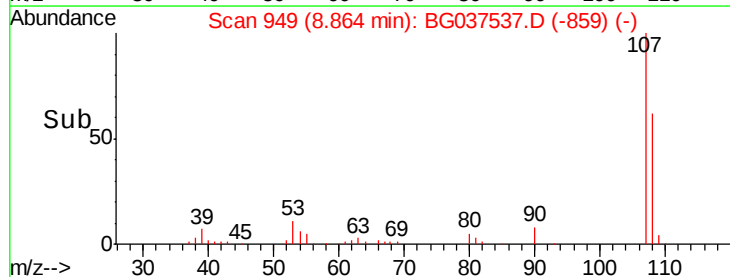
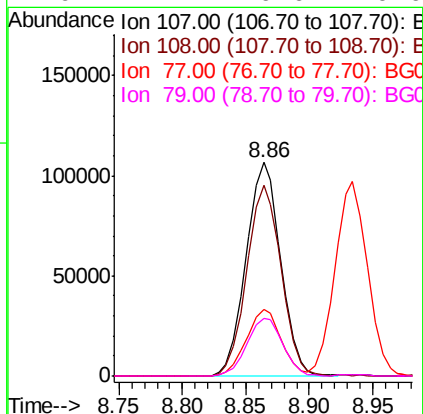
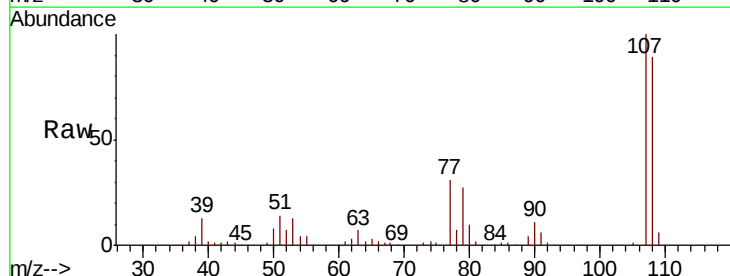
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	117856
Ion	Ratio	Lower	Upper
70	100		
42	65.7	53.9	80.9
101	9.8	8.2	12.2
130	20.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.215 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:	107	Resp:	202745
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	31.4	11.2	51.2
79	27.1	6.6	46.6

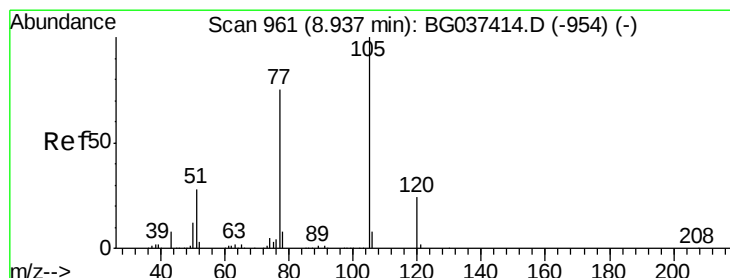
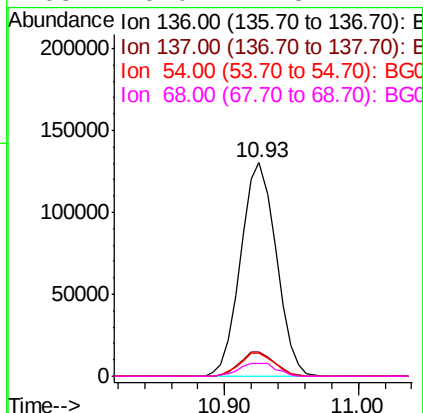
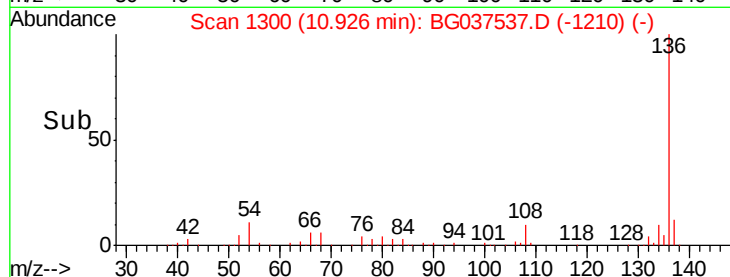
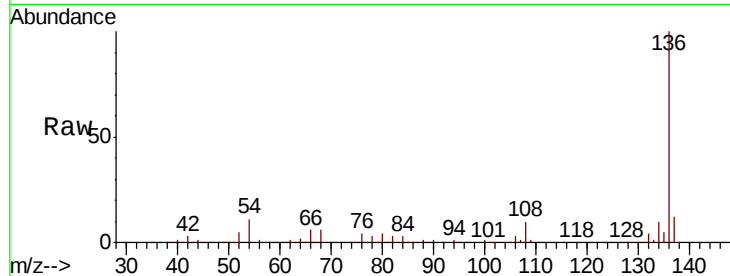




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

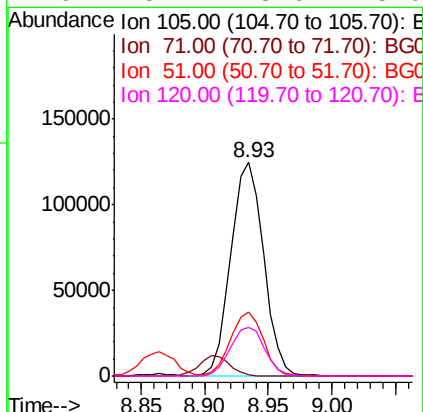
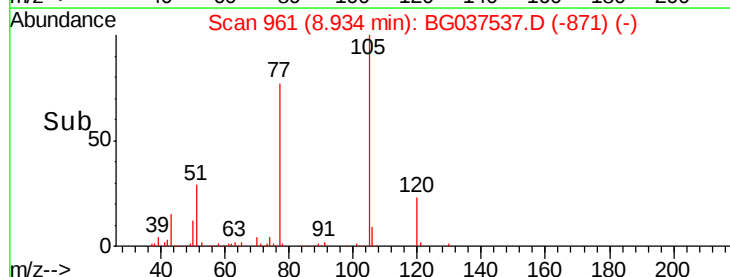
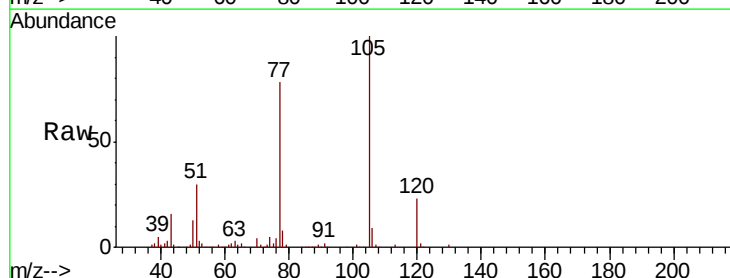
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	239987
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	10.8	7.9 11.9
68	6.0	4.8 7.2



#22
Acetophenone
Concen: 37.216 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:105	Resp:	223994
Ion Ratio	Lower	Upper
105	100	
71	0.6	1.2 1.8#
51	29.8	25.0 37.6
120	23.1	18.6 28.0

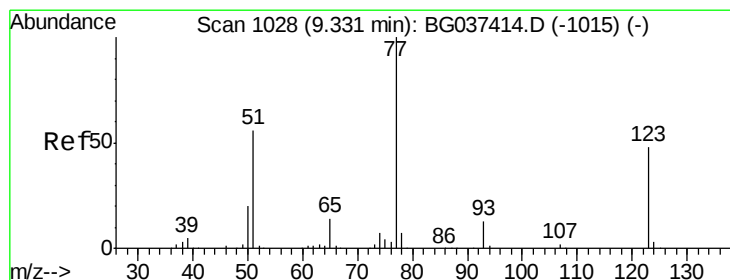
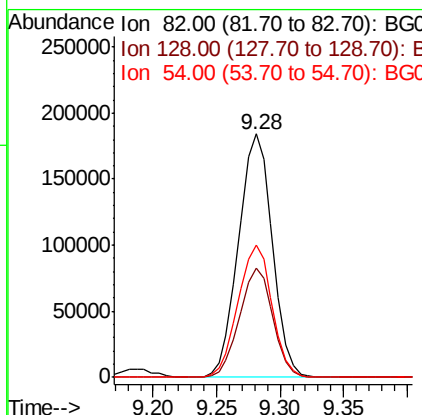
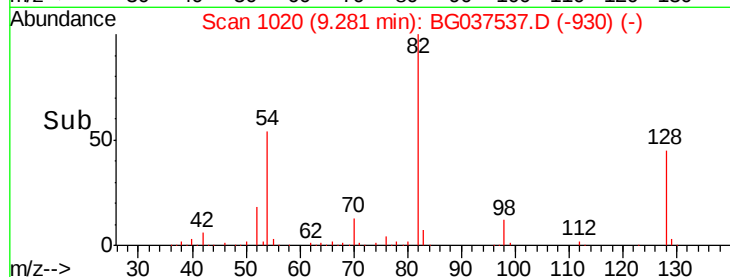
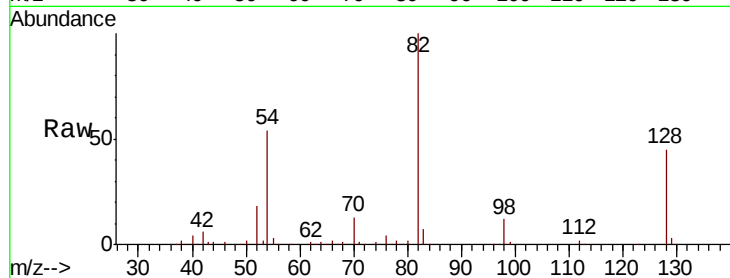




#23
Nitrobenzene-d5
Concen: 79.467 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

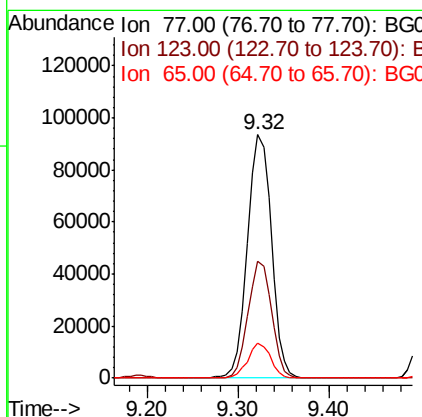
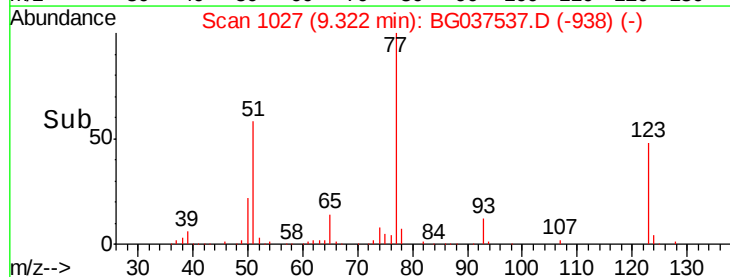
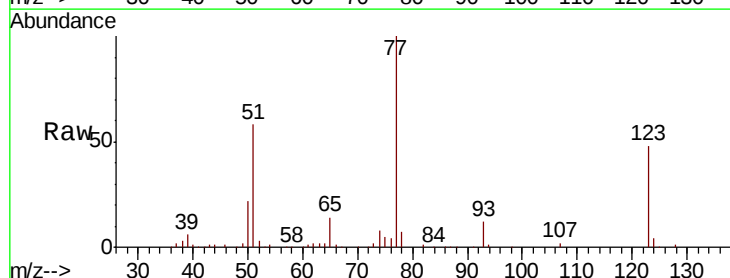
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	340440
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	54.4	45.3	67.9



#24
Nitrobenzene
Concen: 38.790 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	77	Resp	172634
Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.6	50.4
65	14.5	11.3	16.9

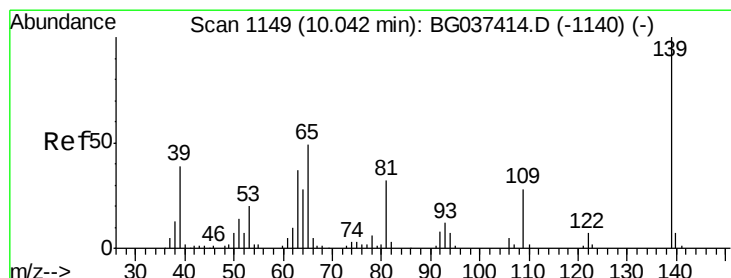
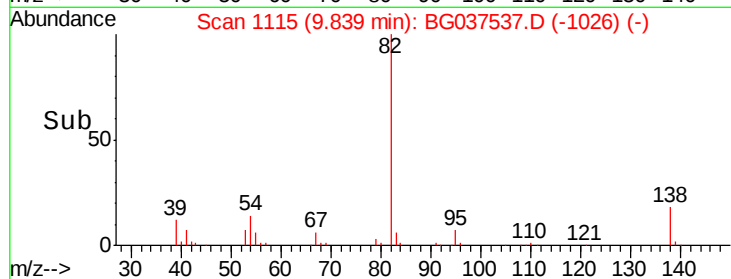
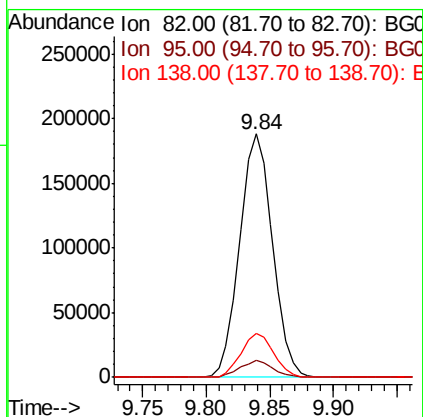
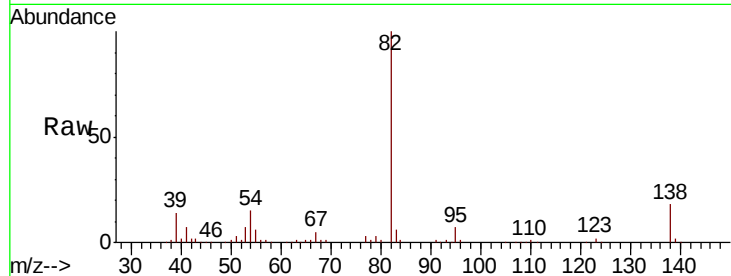




#25
Isophorone
Concen: 43.288 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

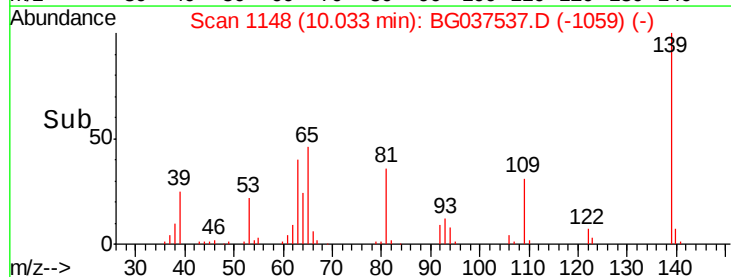
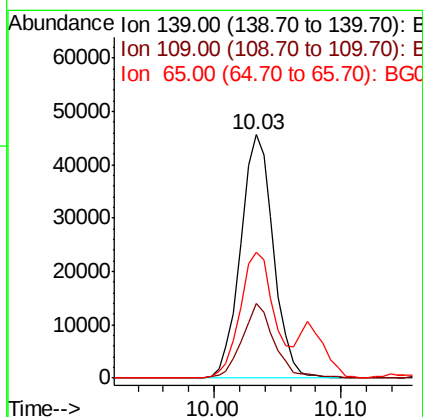
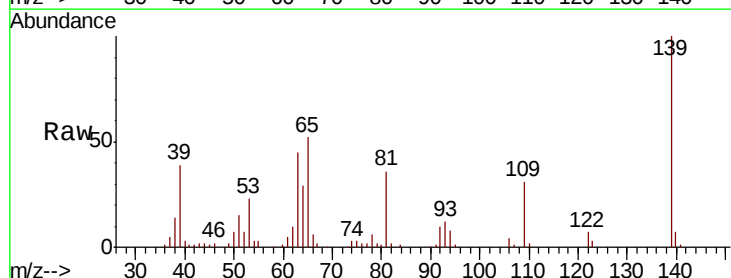
Instrument :
BNA_G
ClientSampled :

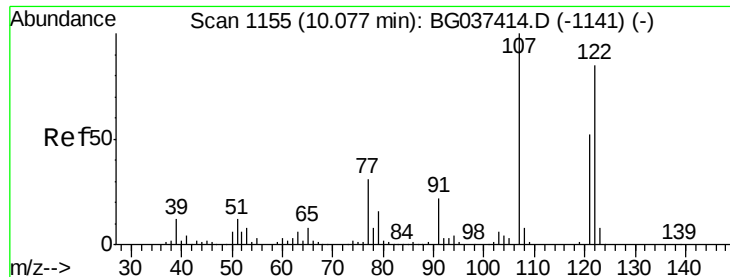
Tot Ion	82	Resp	338841
Ion Ratio	100	Lower	Upper
95	7.0	5.3	7.9
138	18.2	13.3	19.9



#26
2-Nitrophenol
Concen: 40.794 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	139	Resp	81788
Ion Ratio	100	Lower	Upper
109	30.5	23.3	34.9
65	51.6	39.8	59.8

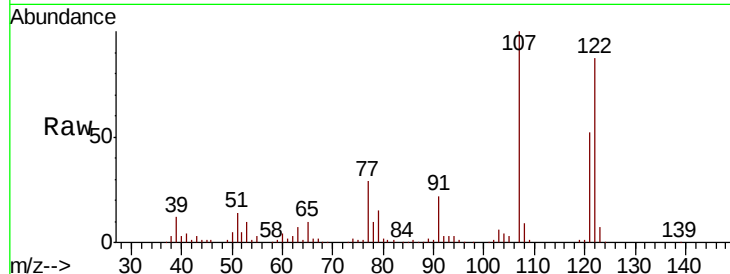




#27
 2,4-Dimethylphenol
 Concen: 47.862 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.2	141.2
121	60.3	47.3	70.9

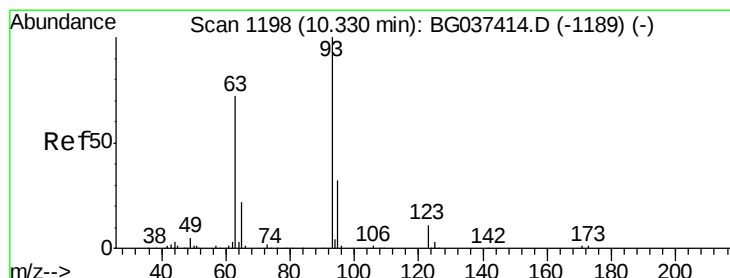
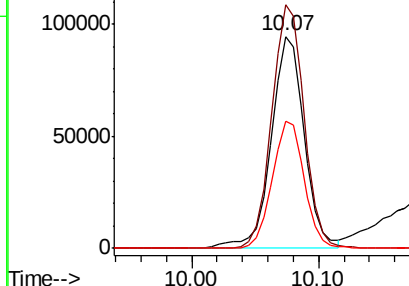
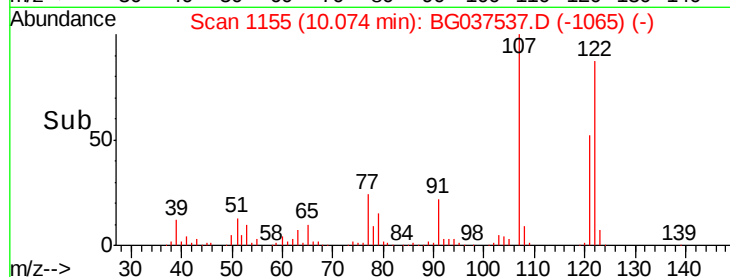


Abundance

Ion 122.00 (121.70 to 122.70): E

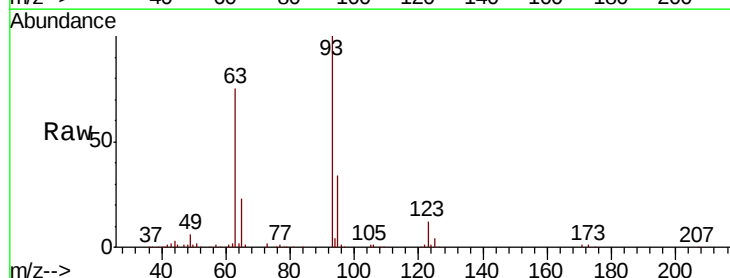
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.691 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.6	37.0
123	12.1	9.1	13.7

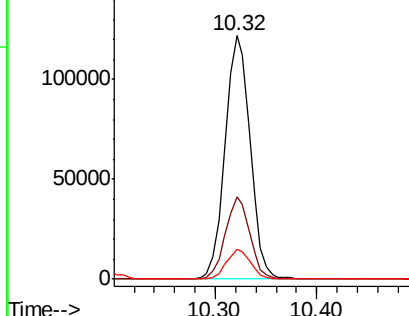
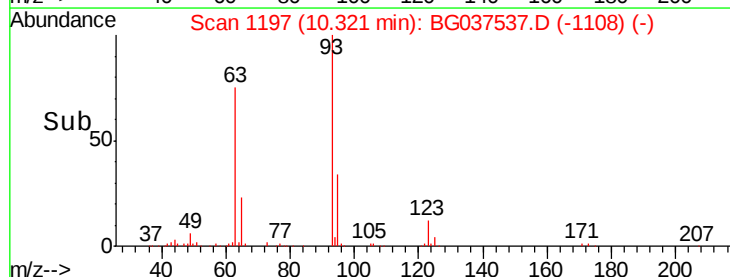


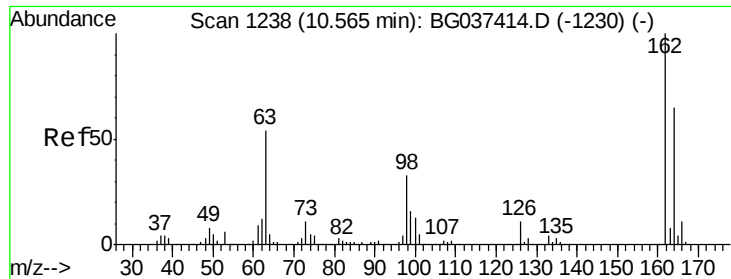
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

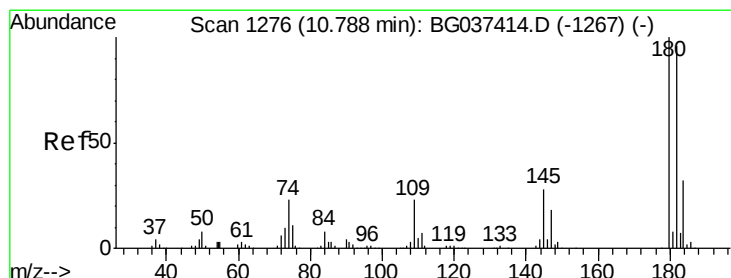
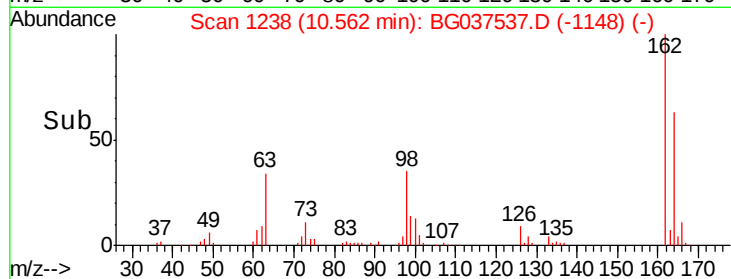
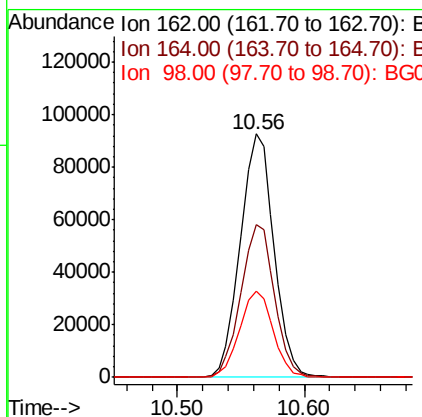
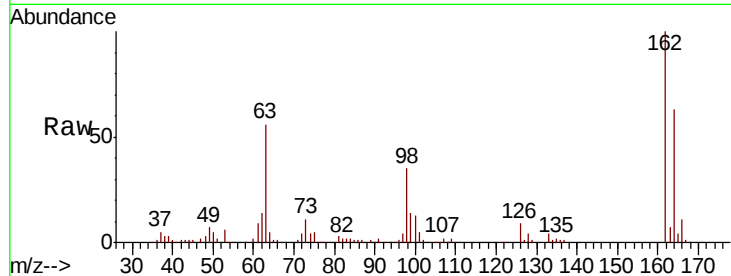




#29
 2,4-Dichlorophenol
 Concen: 42.822 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

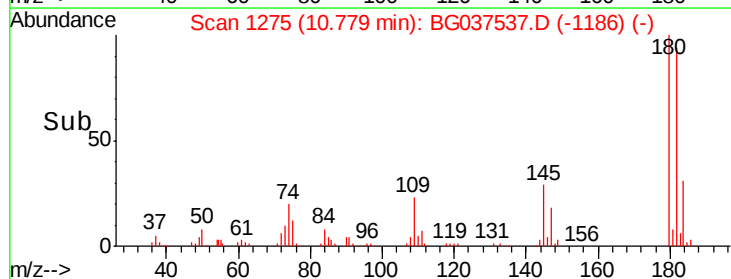
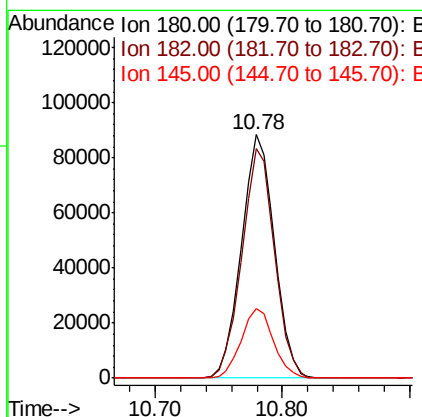
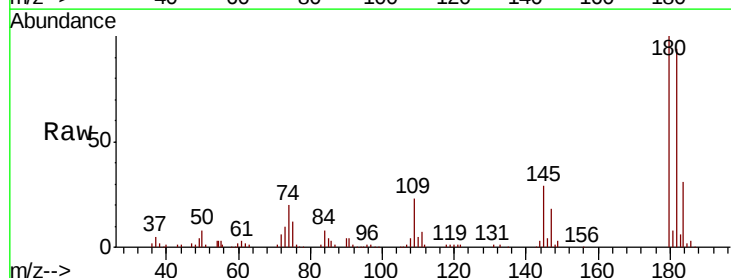
Instrument :
 BNA_G
 ClientSampleId :

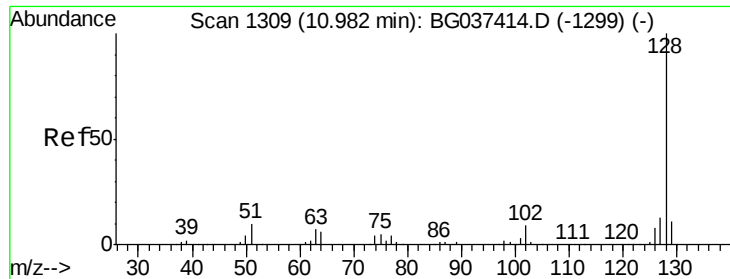
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	35.4	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.712 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.7	116.5
145	28.6	23.3	34.9

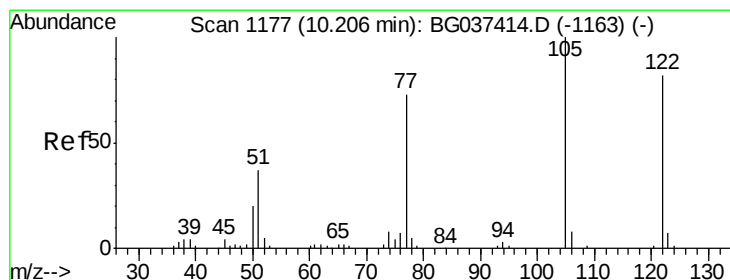
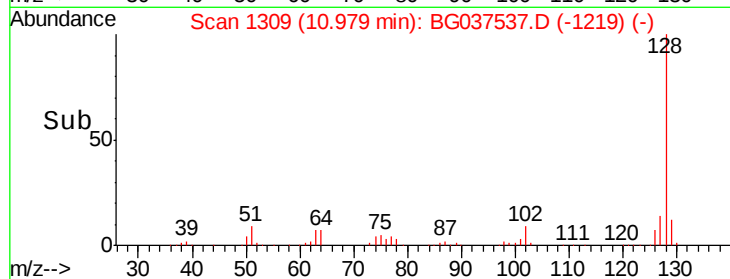
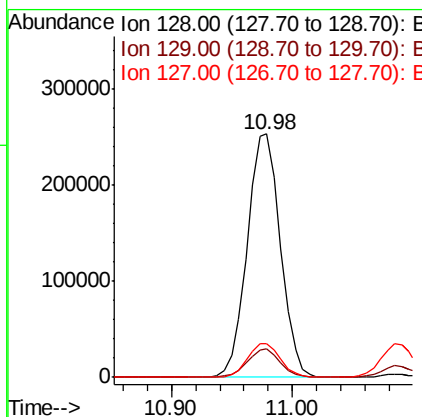
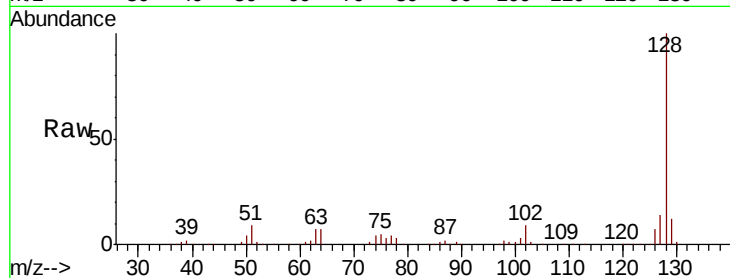




#31
Naphthalene
Concen: 40.924 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

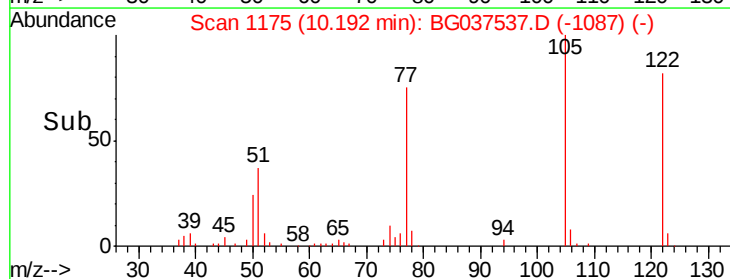
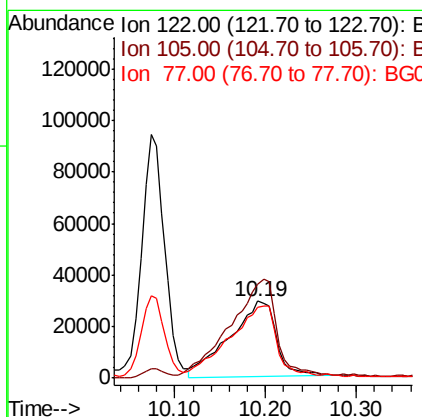
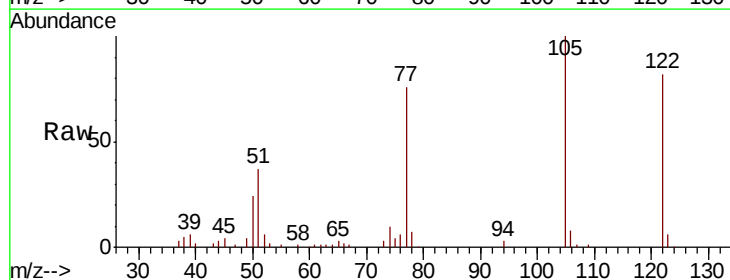
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 482389
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 44.995 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:122 Resp: 104615
Ion Ratio Lower Upper
122 100
105 121.7 106.7 146.7
77 92.4 72.2 112.2

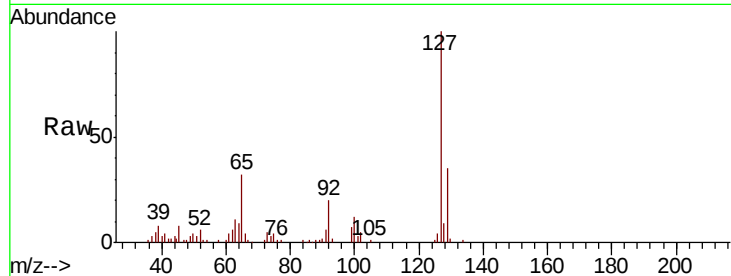




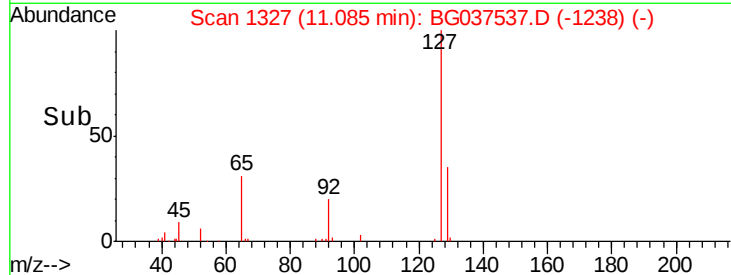
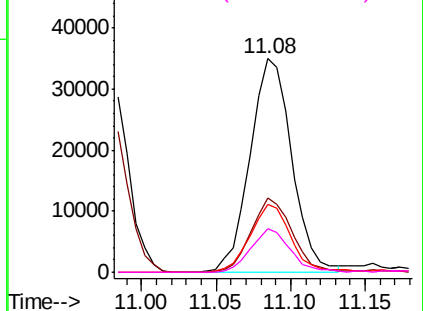
#33
4-Chloroaniline
Concen: 12.194 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	67534
Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.1	40.7
65	32.0	26.6	39.8
92	20.4	16.4	24.6

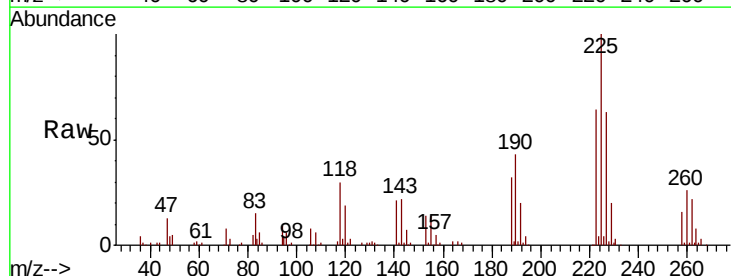


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

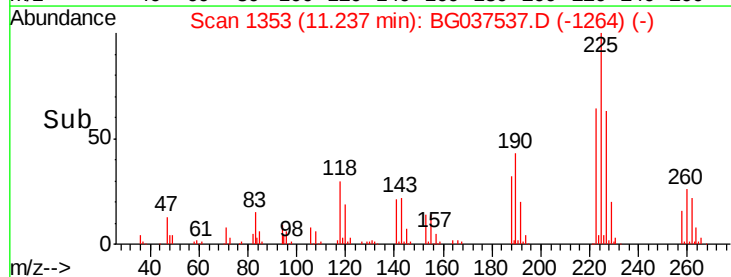
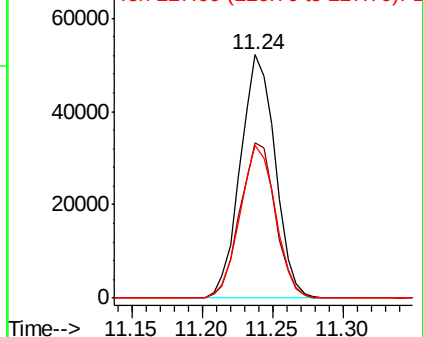


#34
Hexachlorobutadiene
Concen: 35.162 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:	225	Resp:	90325
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.2	72.4
227	62.2	51.6	77.4



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

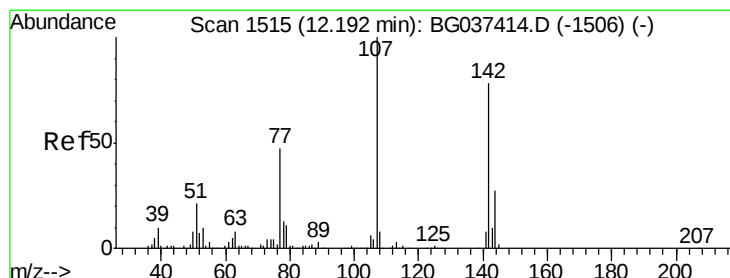
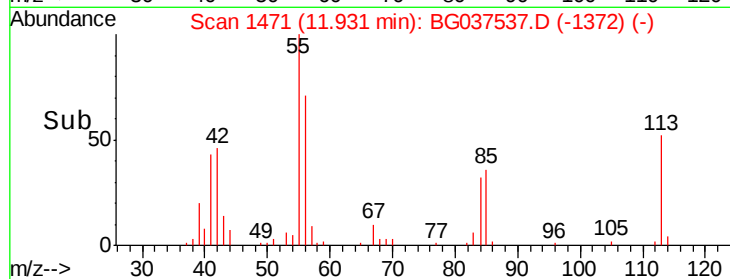
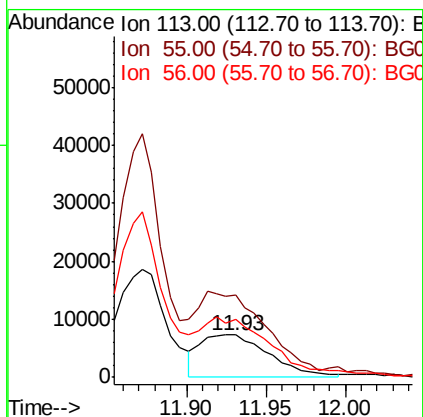
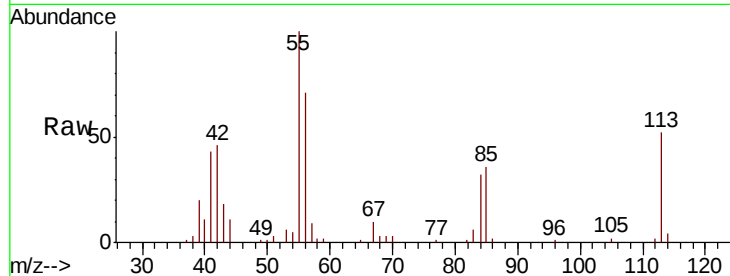




#35
 Caprolactam
 Concen: 13.961 ng
 RT: 11.93 min Scan# 1471
 Delta R.T. 0.05 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

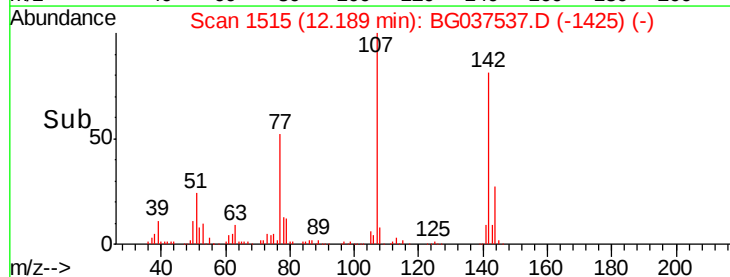
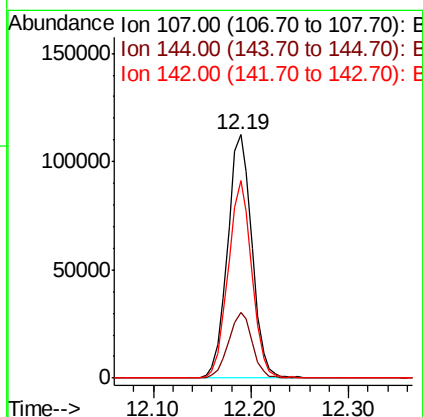
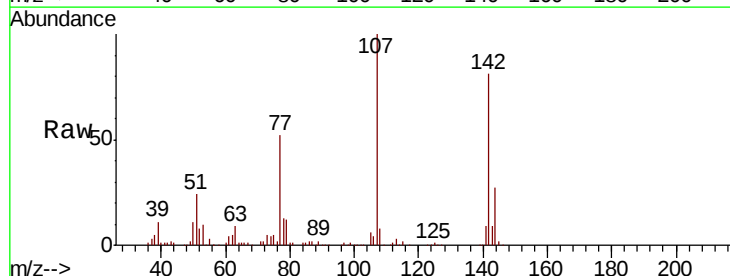
Instrument :
 BNA_G
 ClientSampled :

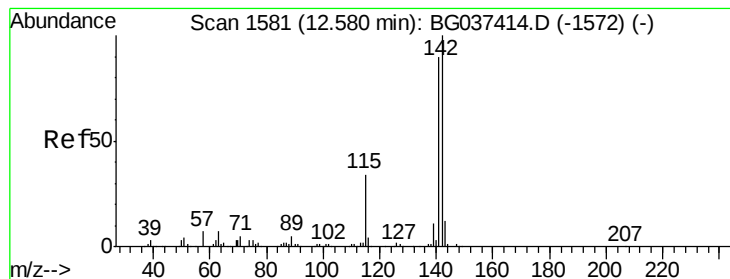
Tot Ion:113 Resp: 22316
 Ion Ratio Lower Upper
 113 100
 55 192.3 176.6 216.6
 56 136.7 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.288 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion:107 Resp: 194578
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.7 31.1
 142 81.4 64.4 96.6





#37

2-Methylnaphthalene

Concen: 43.003 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

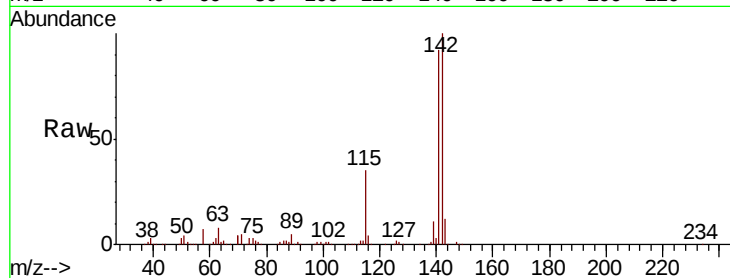
Tot Ion:142 Resp: 369509

Ion Ratio Lower Upper

142 100

141 91.6 71.9 107.9

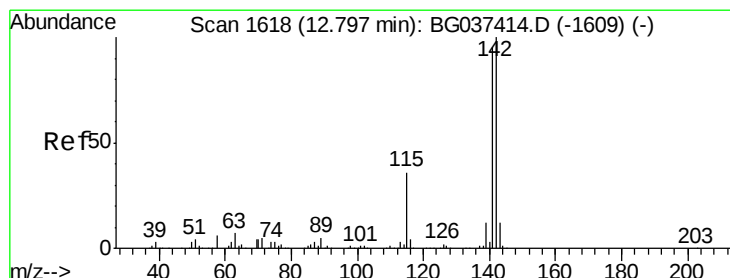
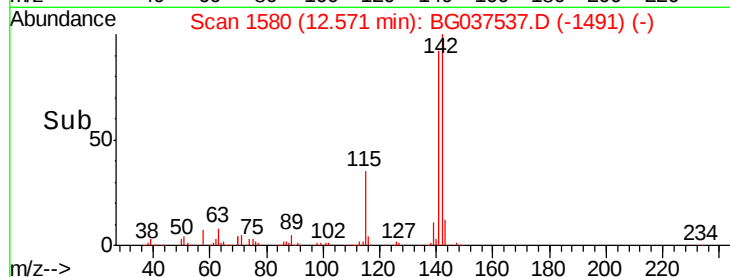
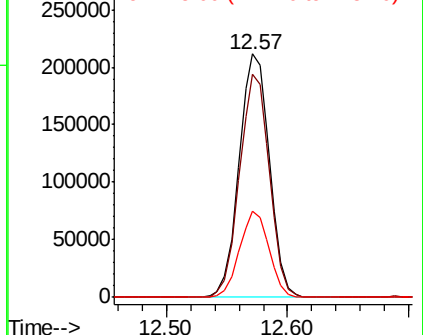
115 35.3 27.8 41.8



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: 42.270 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

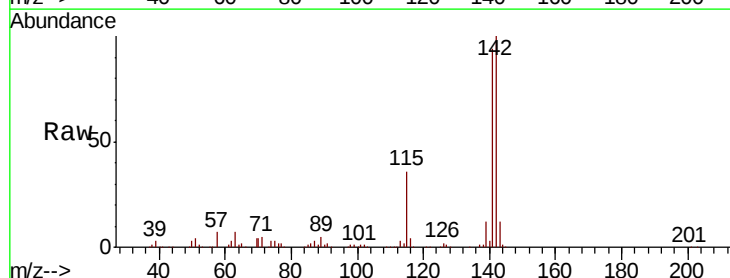
Tgt Ion:142 Resp: 352733

Ion Ratio Lower Upper

142 100

141 93.7 75.2 112.8

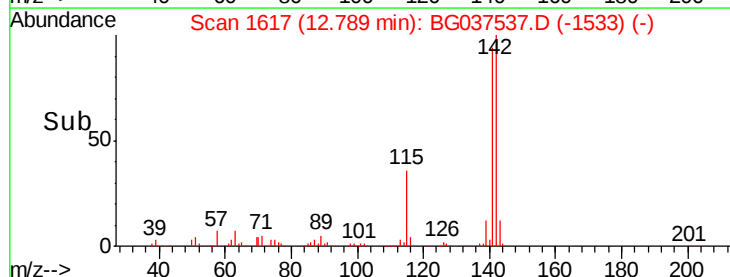
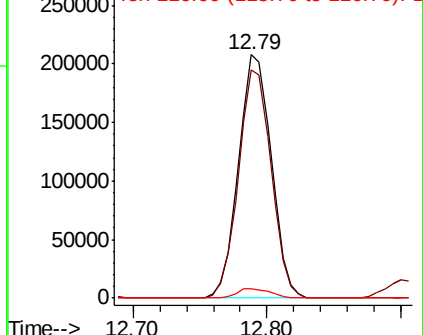
116 3.7 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampled :

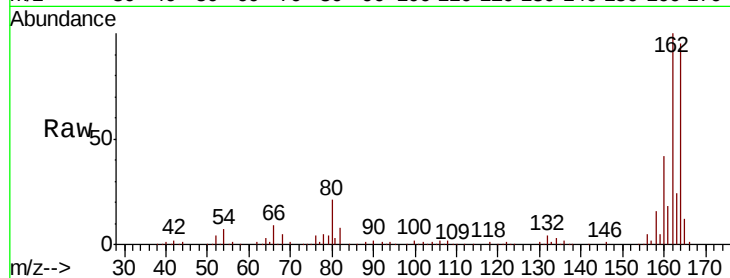
Tot Ion:164 Resp: 162312

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 44.5 36.3 54.5

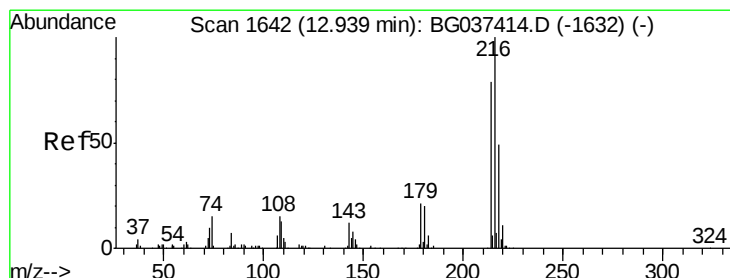
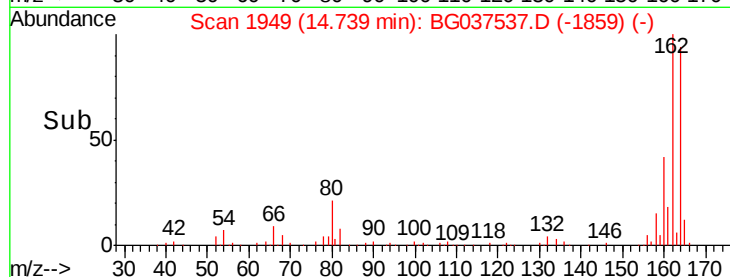
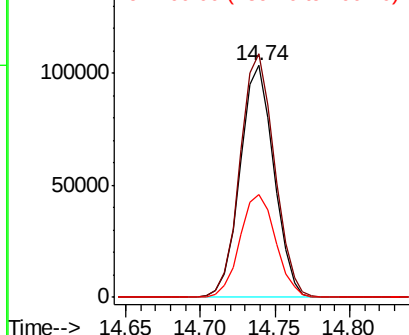


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.984 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Tgt Ion:216 Resp: 183155

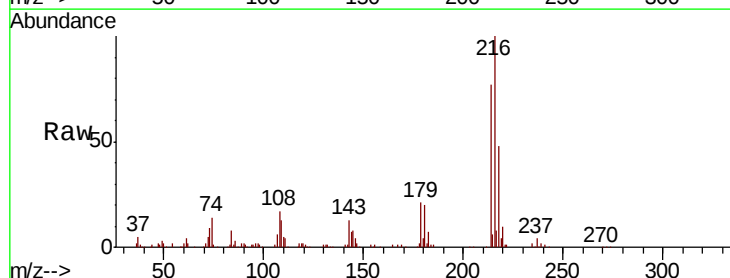
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 21.1 17.4 26.0

108 19.3 13.9 20.9



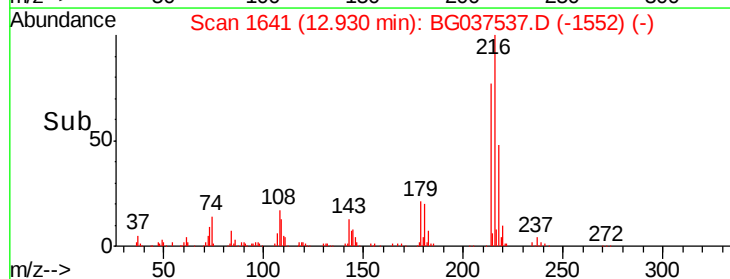
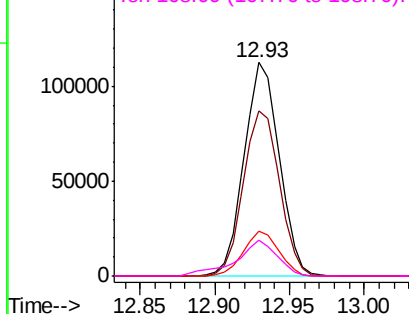
Abundance

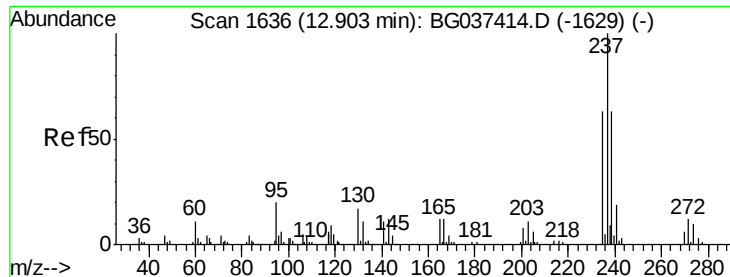
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.214 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

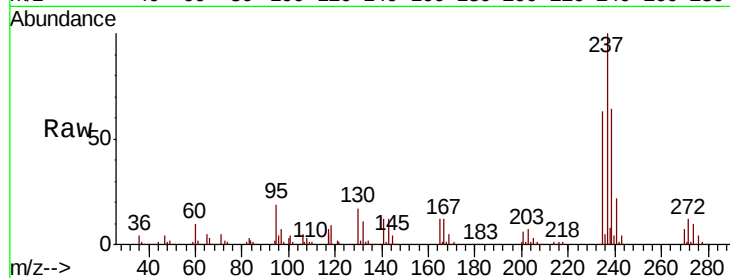
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 215607

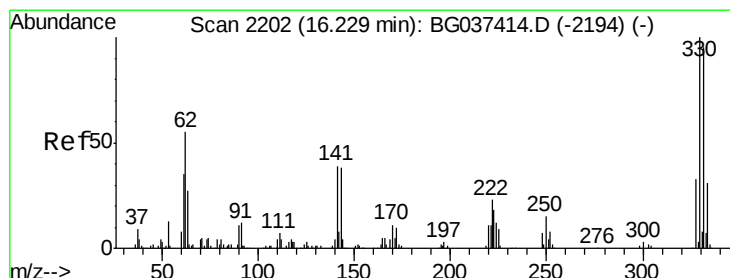
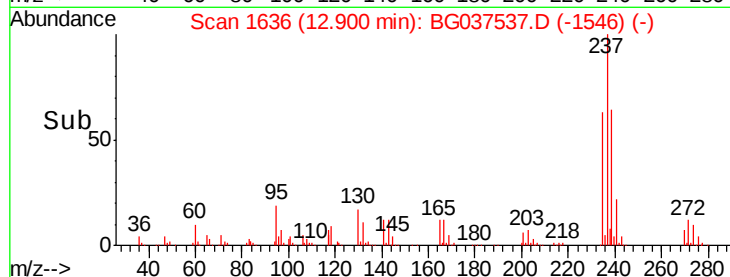
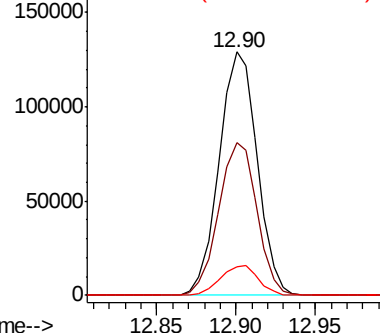
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.5	82.5
272	11.7	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.268 ng

RT: 16.23 min Scan# 2202

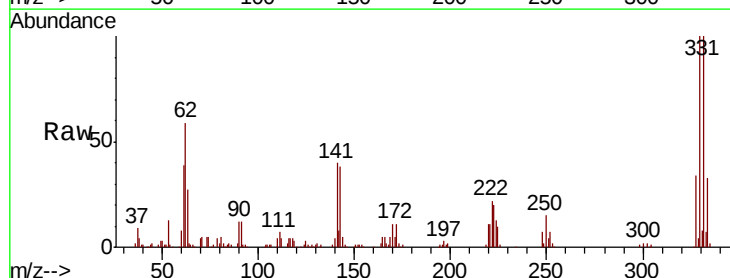
Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Tgt Ion:330 Resp: 150951

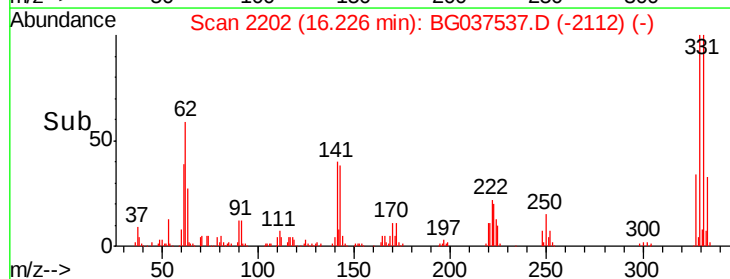
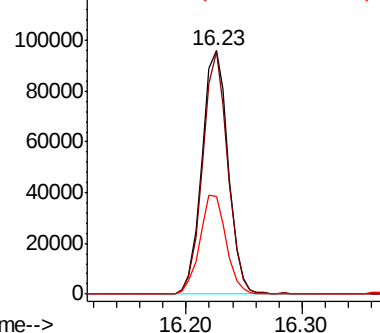
Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	40.6	32.2	48.2



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

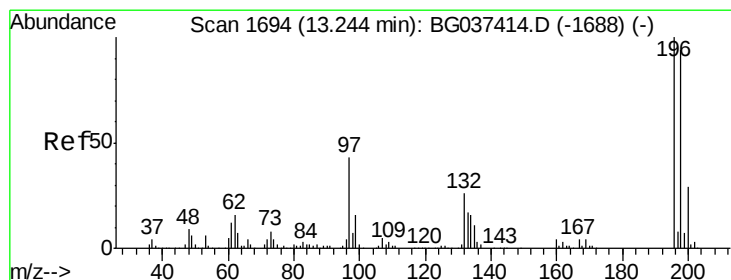
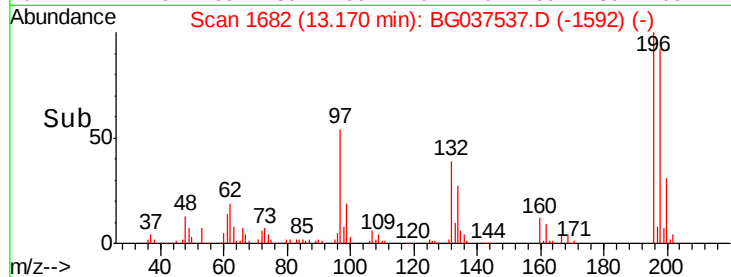
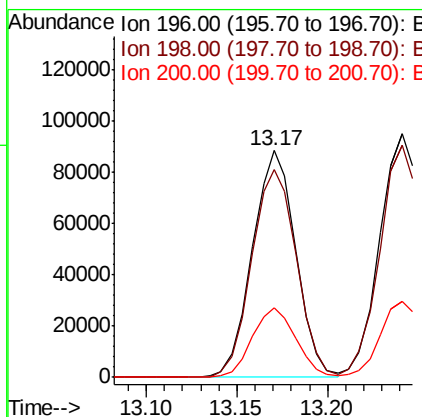
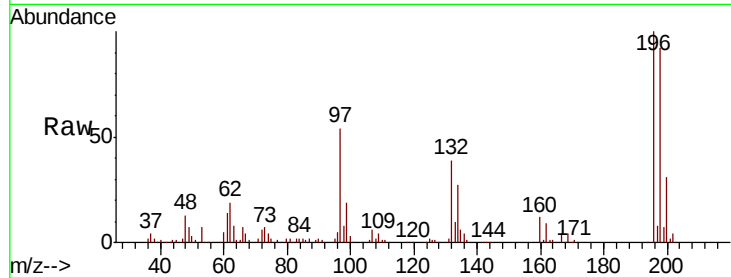




#43
 2,4,6-Trichlorophenol
 Concen: 41.969 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

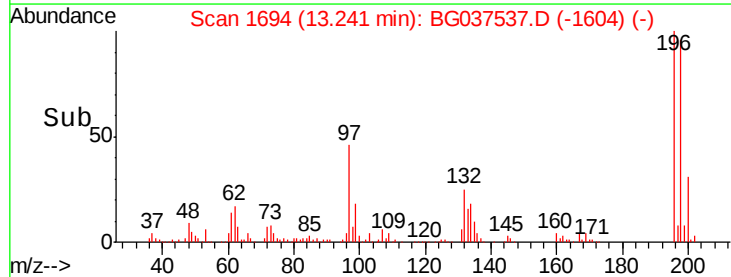
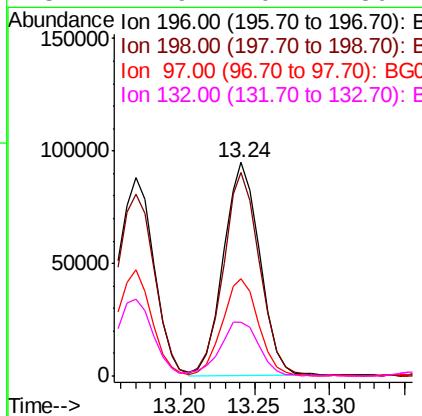
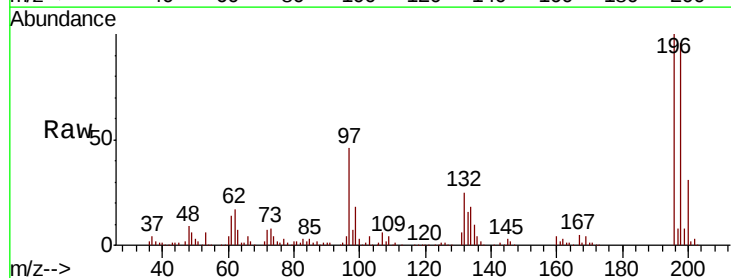
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 146797
 Ion Ratio Lower Upper
 196 100
 198 91.8 76.4 114.6
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.381 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion:196 Resp: 161397
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.2
 97 45.8 34.1 51.1
 132 24.9 20.2 30.4

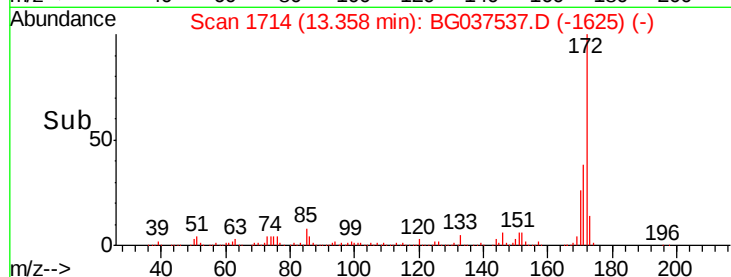
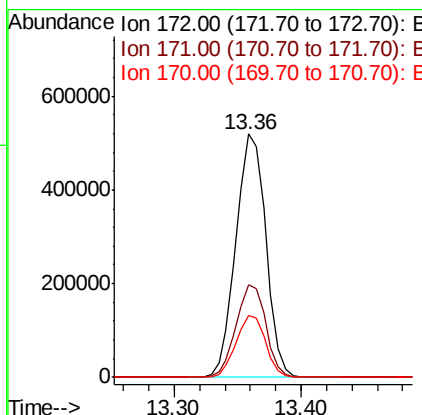
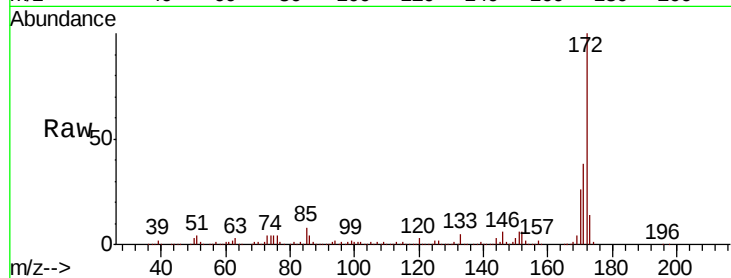




#45
2-Fluorobiphenyl
Concen: 78.805 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

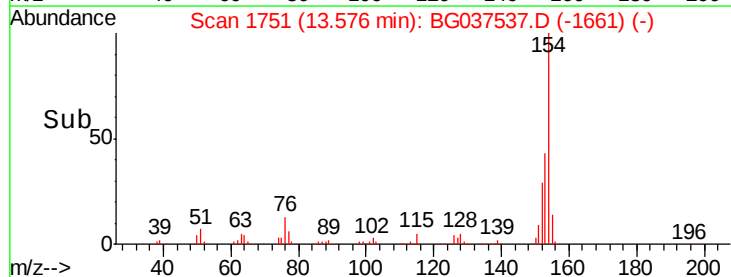
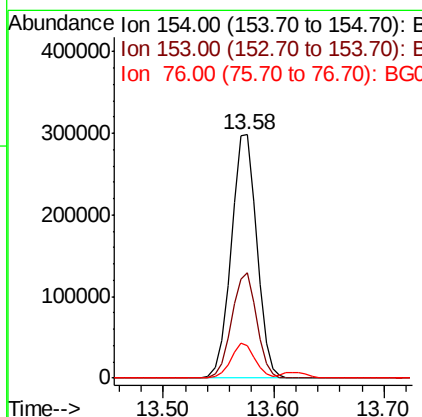
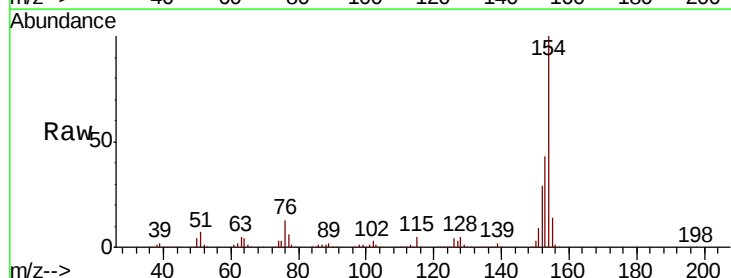
Instrument :
BNA_G
ClientSampleId :

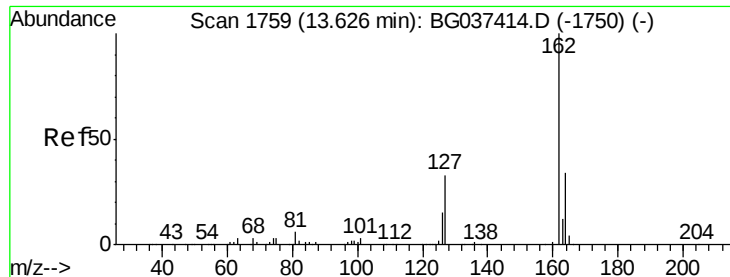
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 36.156 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	13.4	0.0	33.2

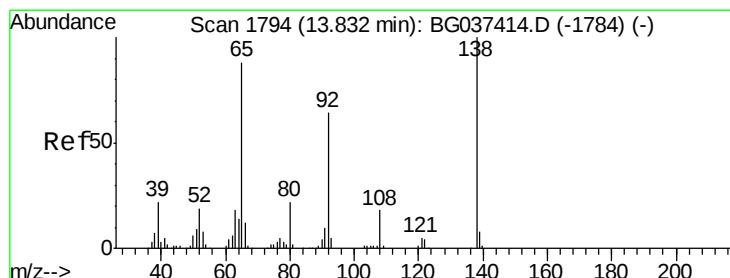
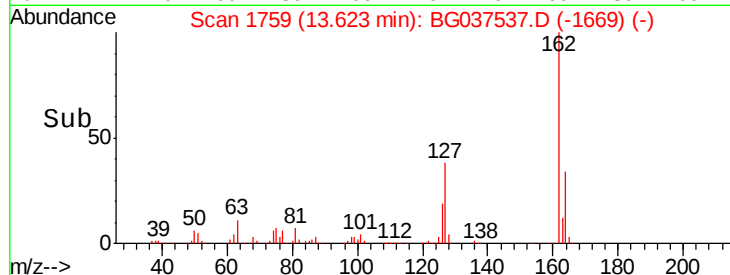
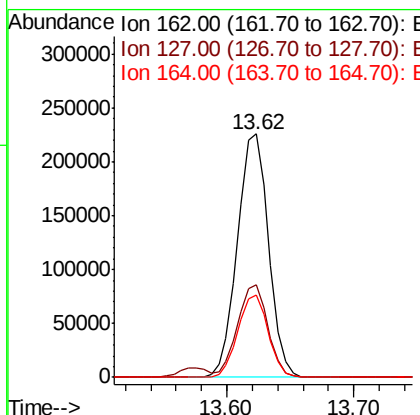
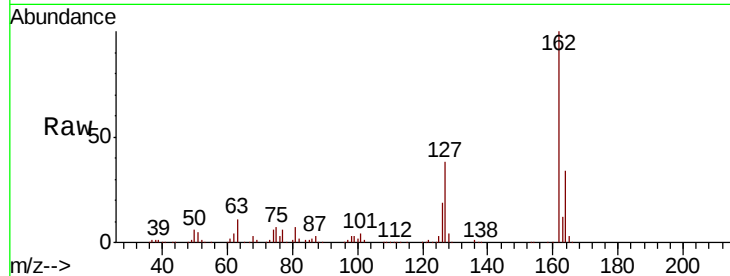




#47
2-Chloronaphthalene
Concen: 37.772 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

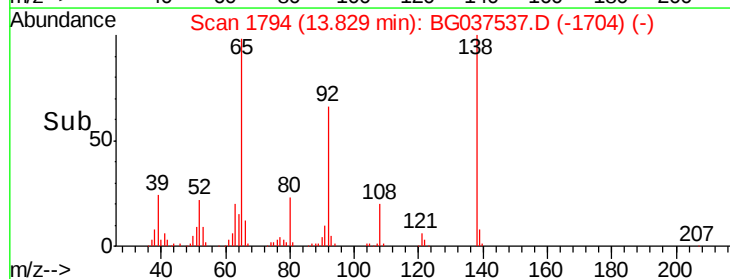
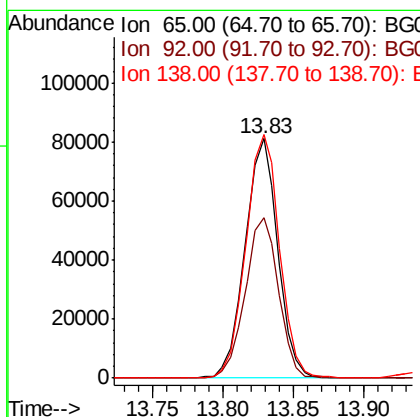
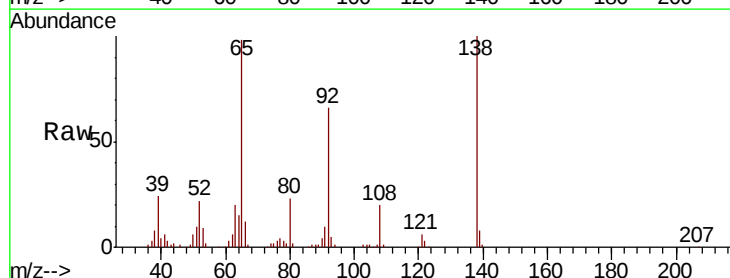
Instrument :
BNA_G
ClientSampleId :

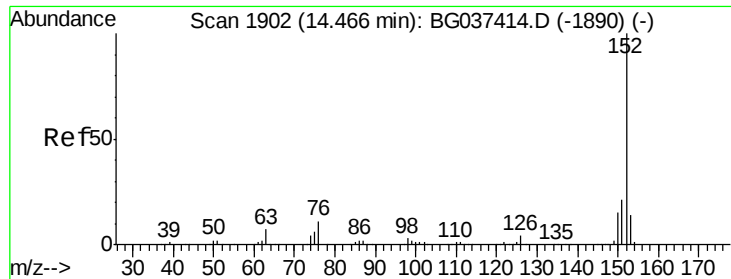
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.5	45.7
164	34.1	26.4	39.6



#48
2-Nitroaniline
Concen: 42.689 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.2	79.8
138	101.6	79.3	118.9





#49

Acenaphthylene

Concen: 42.406 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

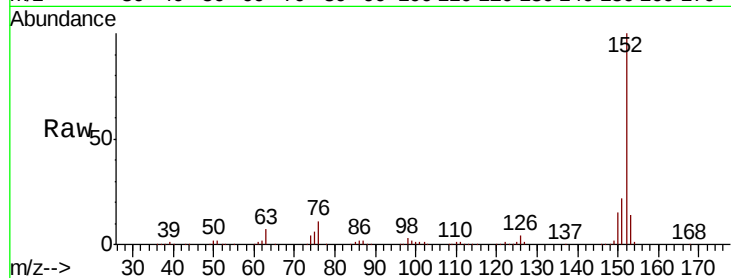
Tot Ion:152 Resp: 648729

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

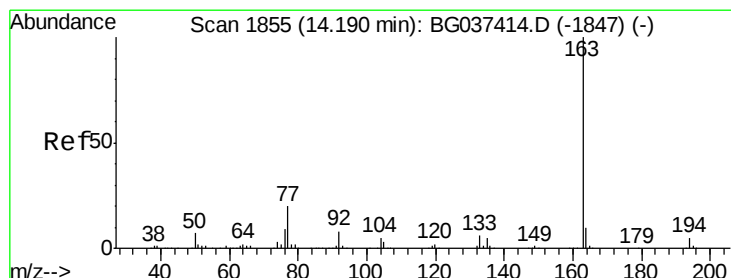
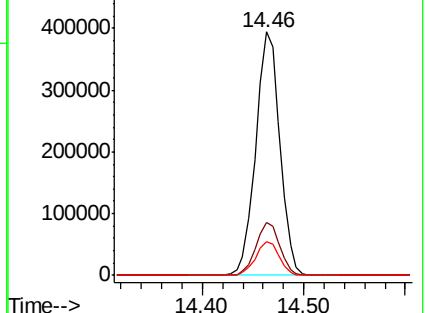
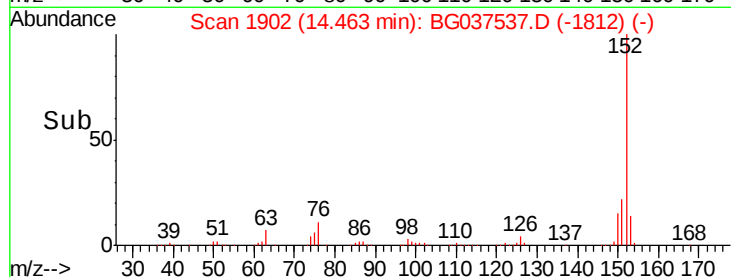
153 13.6 11.1 16.7



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: 41.205 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

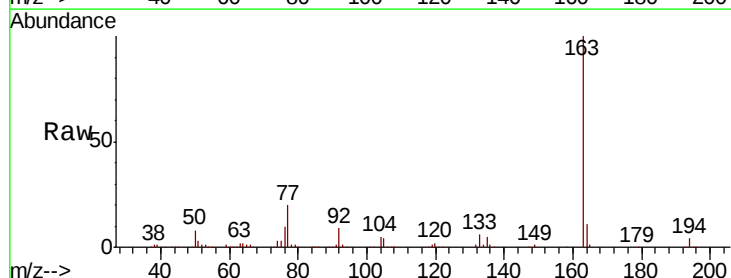
Tgt Ion:163 Resp: 517395

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

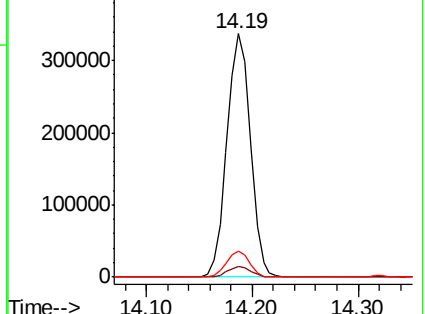
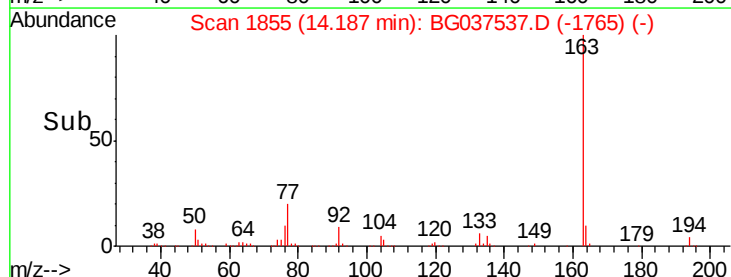
164 10.6 8.5 12.7

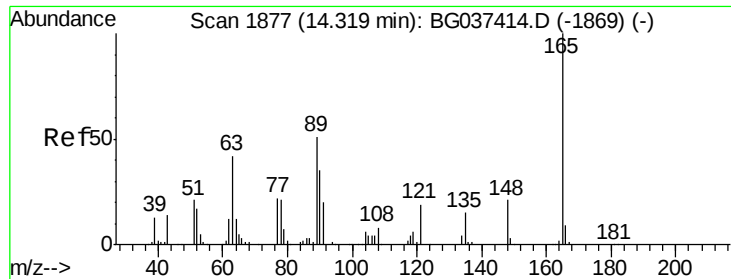


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

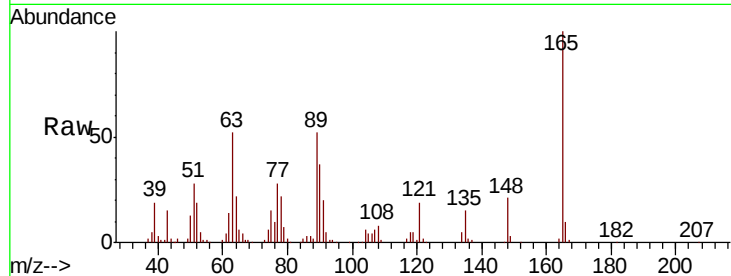




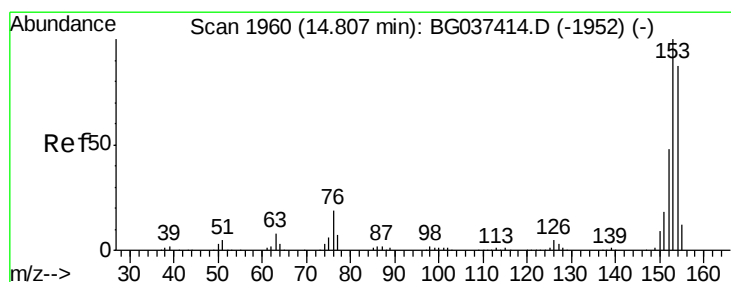
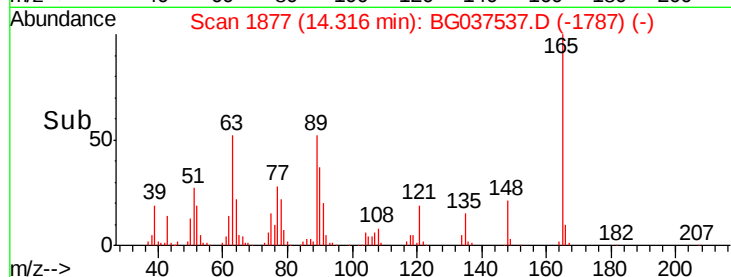
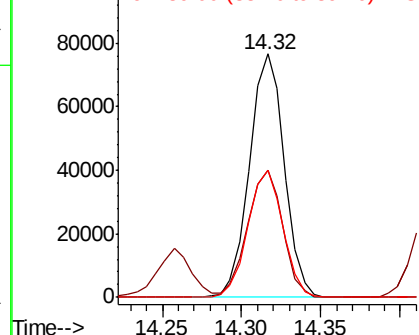
#51
 2,6-Dinitrotoluene
 Concen: 41.911 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	165	Resp	116421
Ion Ratio	Lower	Upper	
165	100		
63	52.2	43.4	65.2
89	52.2	45.8	68.6

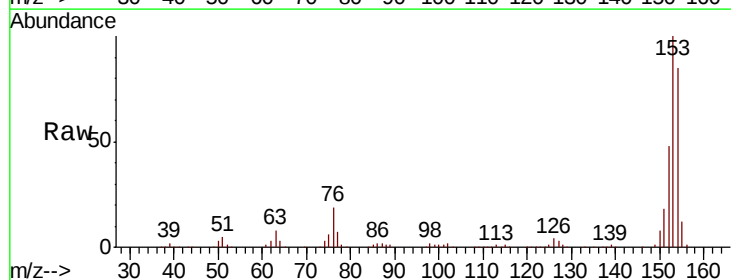


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

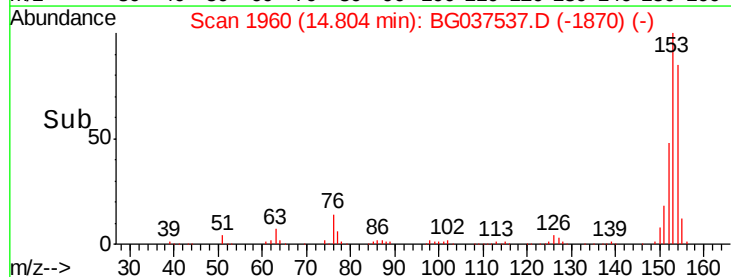
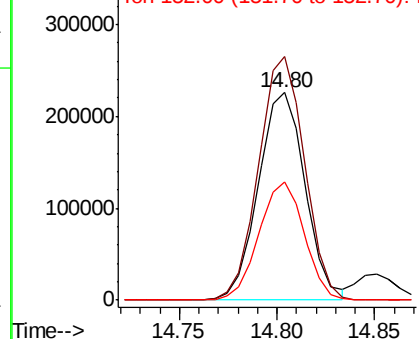


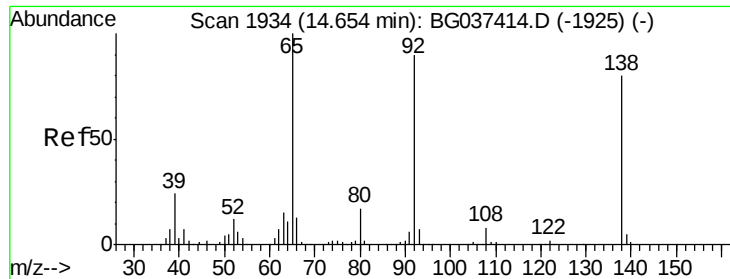
#52
 Acenaphthene
 Concen: 39.792 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion	154	Resp	374899
Ion Ratio	Lower	Upper	
154	100		
153	117.5	93.4	140.0
152	56.9	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

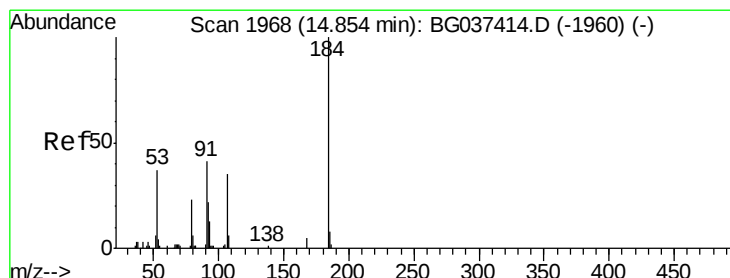
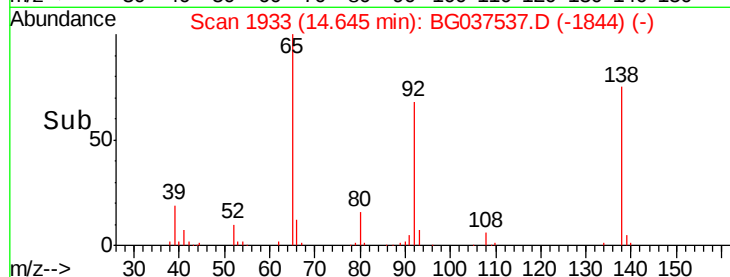
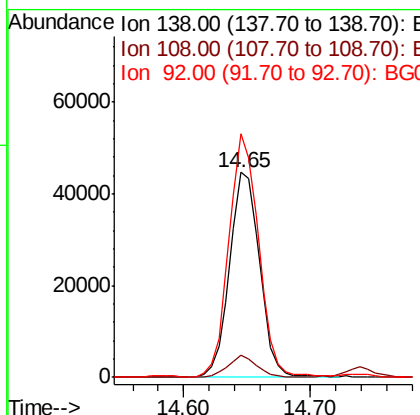
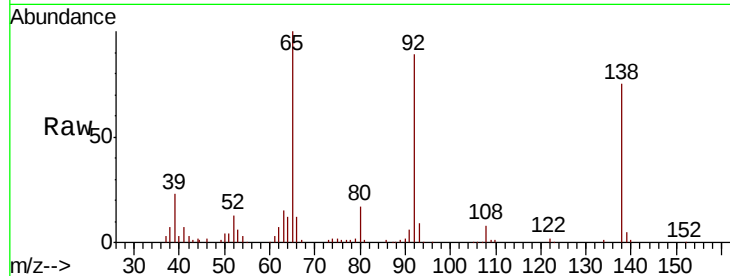




#53
3-Nitroaniline
Concen: 23.738 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

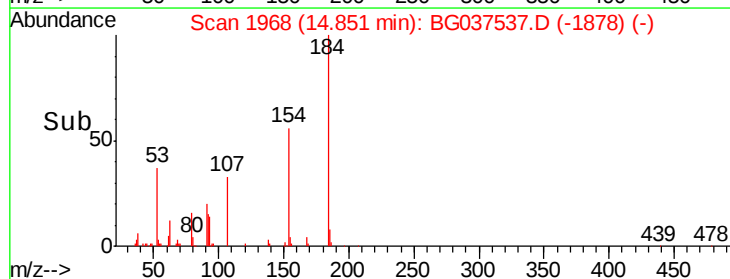
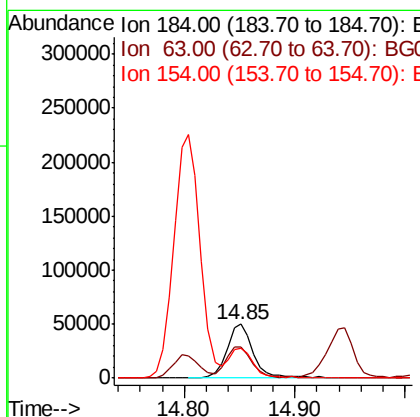
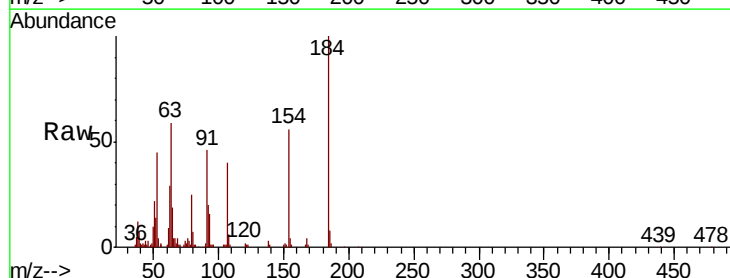
Instrument :
BNA_G
ClientSampleId :

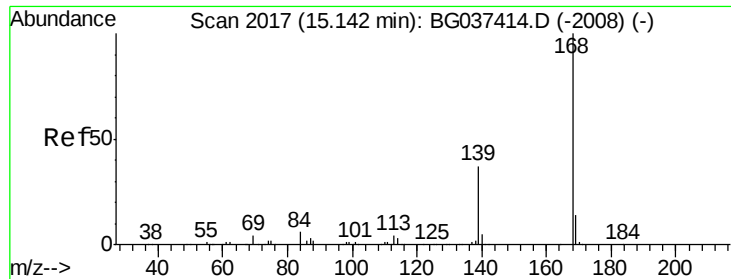
Tot Ion:138 Resp: 73203
Ion Ratio Lower Upper
138 100
108 10.8 11.0 16.6#
92 118.7 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 72.459 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:184 Resp: 83746
Ion Ratio Lower Upper
184 100
63 58.7 42.6 63.8
154 56.0 41.8 62.6

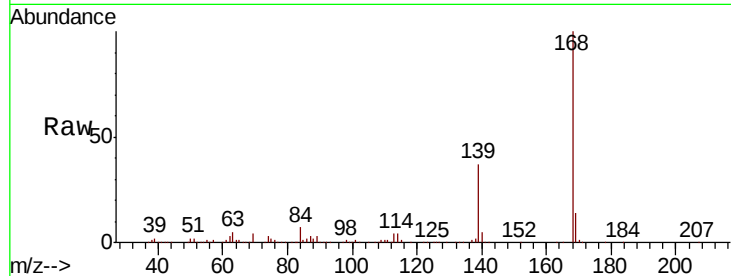




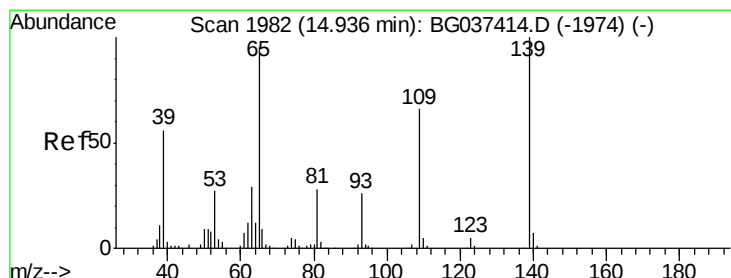
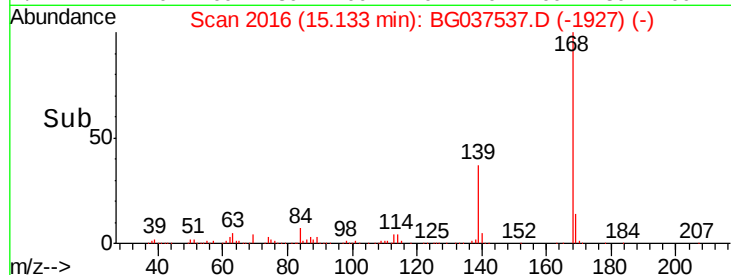
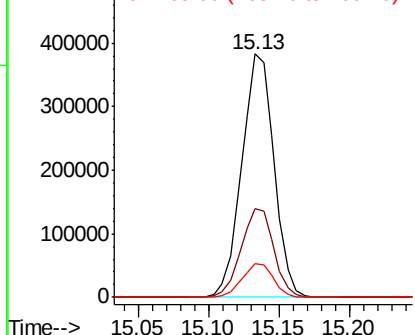
#55
Dibenzofuran
Concen: 39.109 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 610477
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.9 11.0 16.6

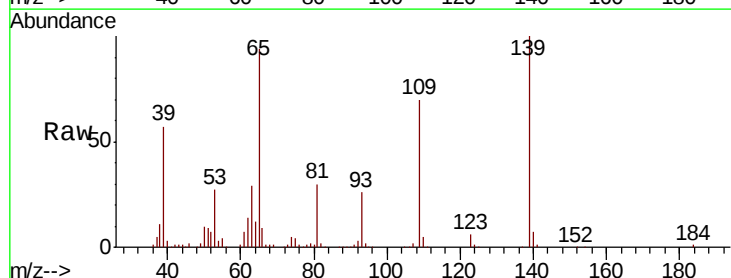


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

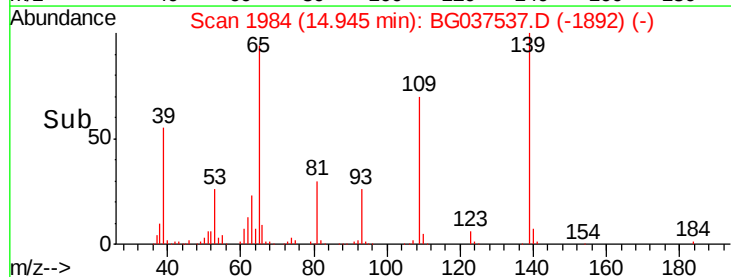
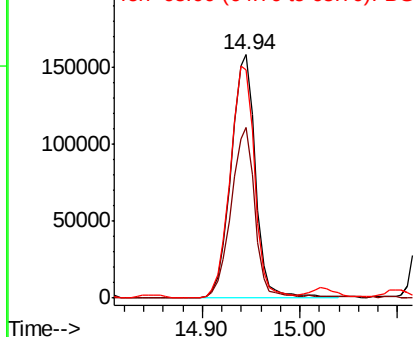


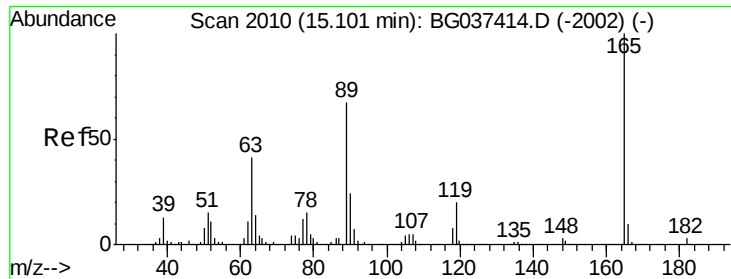
#56
4-Nitrophenol
Concen: 120.649 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:139 Resp: 275393
Ion Ratio Lower Upper
139 100
109 70.2 49.5 89.5
65 94.0 76.8 116.8



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

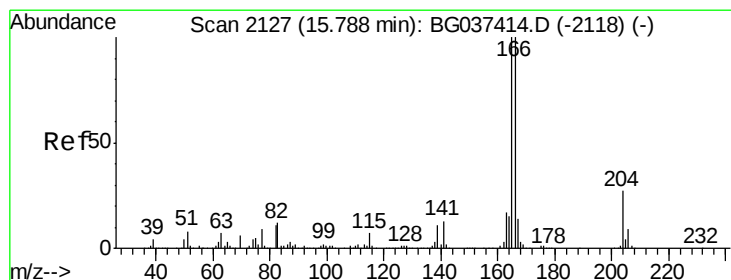
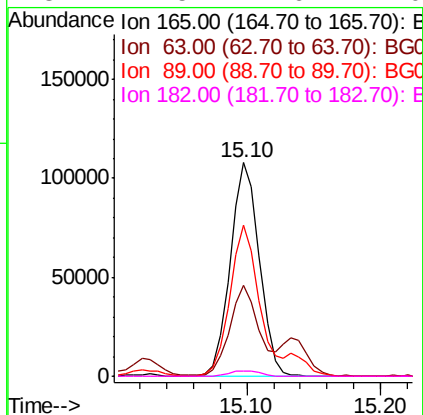
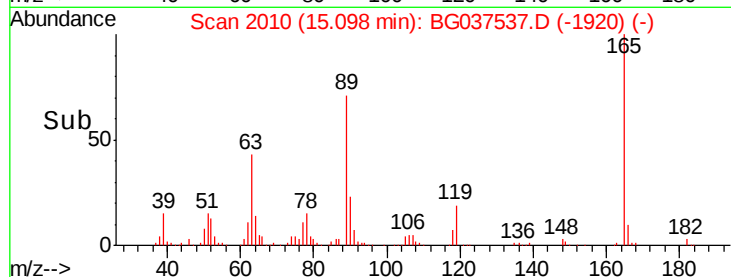
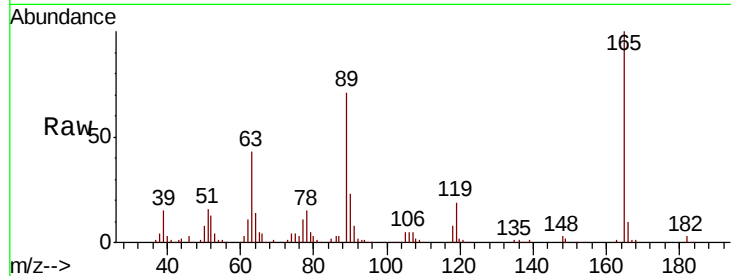




#57
2,4-Dinitrotoluene
Concen: 44.848 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

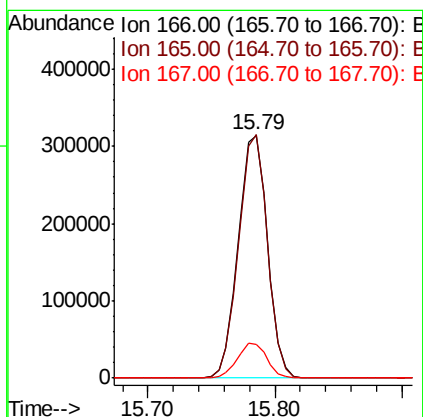
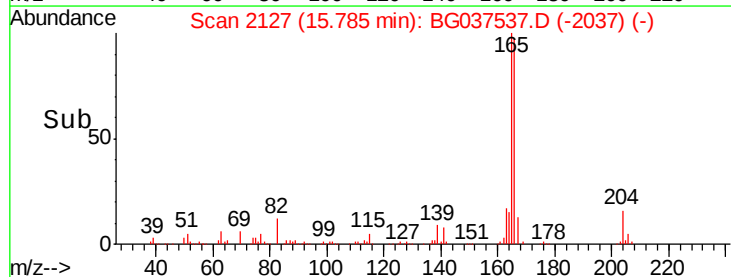
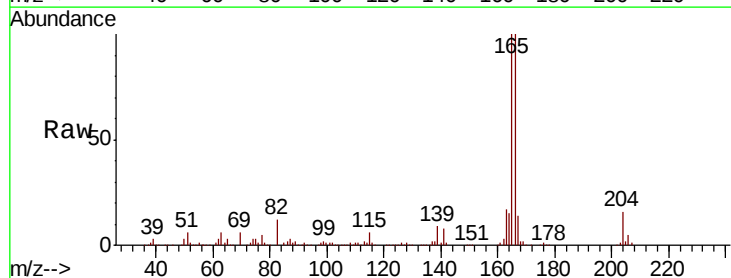
Instrument :
BNA_G
ClientSampleId :

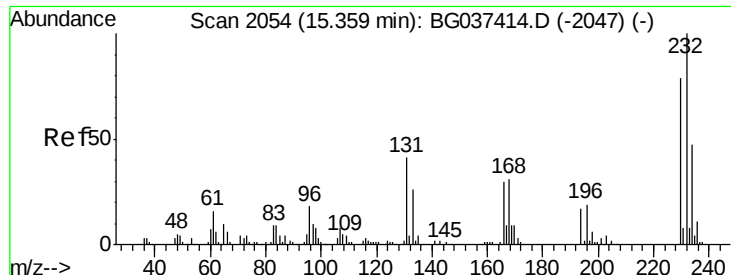
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.4	50.0
89	70.9	57.2	85.8
182	2.5	2.6	4.0



#58
Fluorene
Concen: 42.882 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.6
167	14.0	11.3	16.9

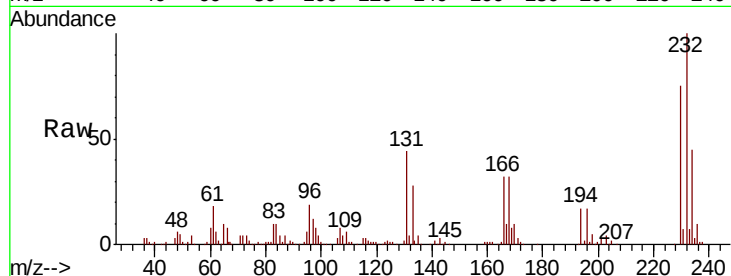




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.006 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	33.7	50.5
130	2.4	2.1	3.1
166	31.7	24.6	36.8



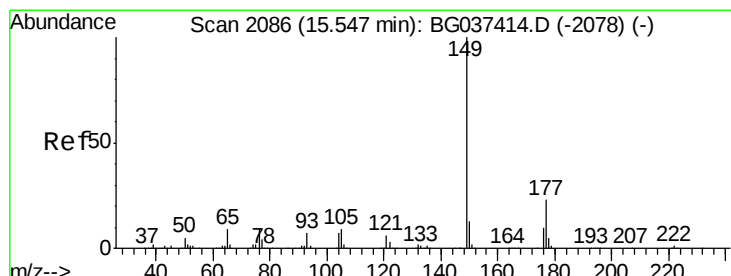
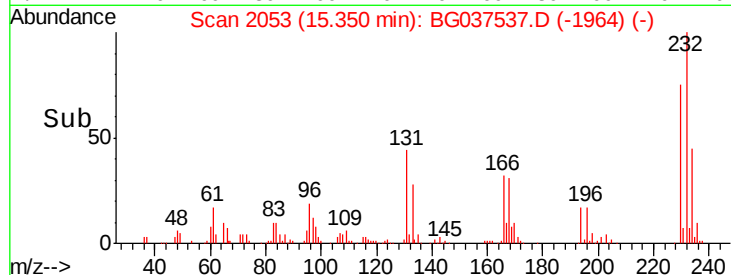
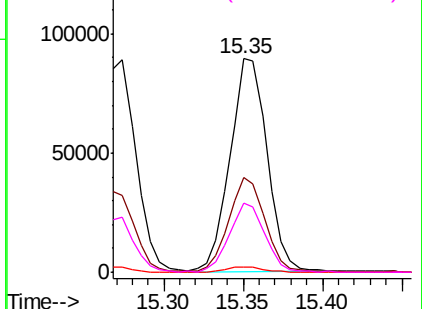
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

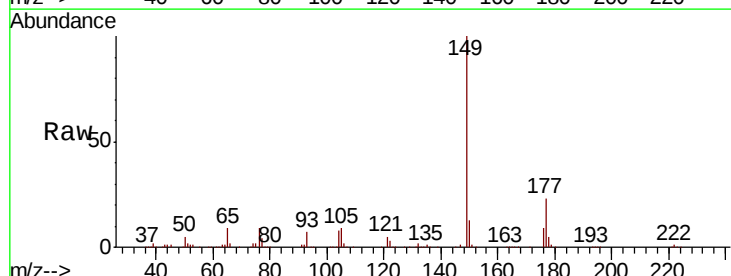
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.309 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	13.3	10.0	15.0

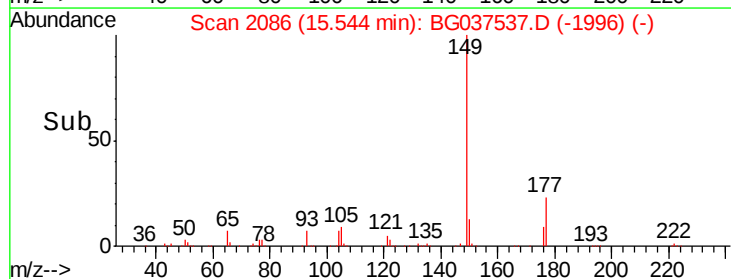
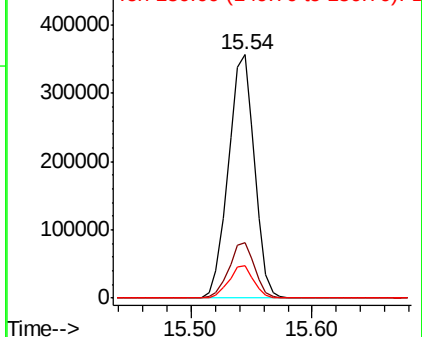


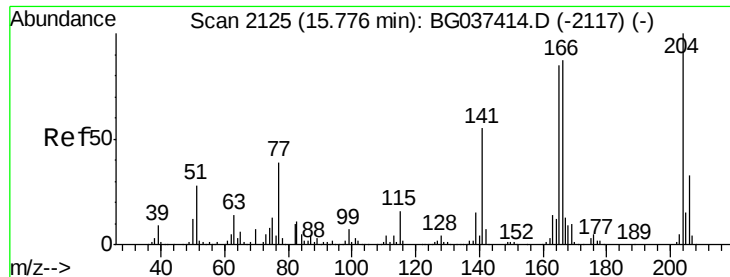
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

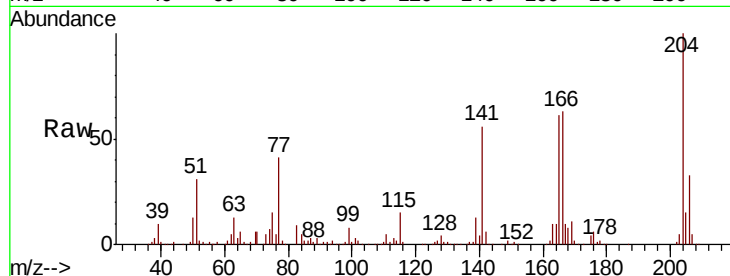




#61
4-Chlorophenyl-phenylether
Concen: 38.065 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	56.5	45.4	68.2

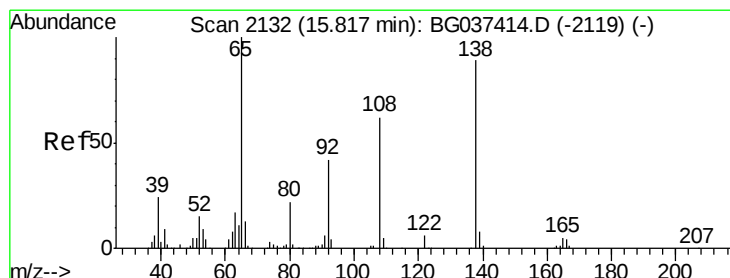
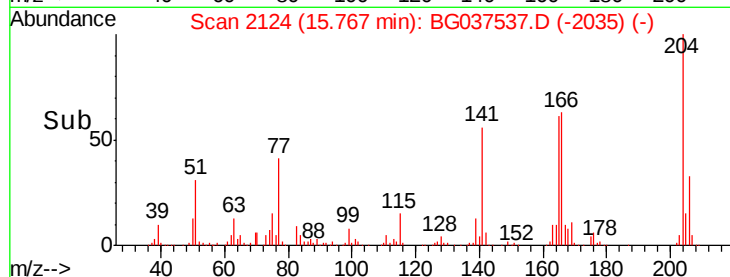
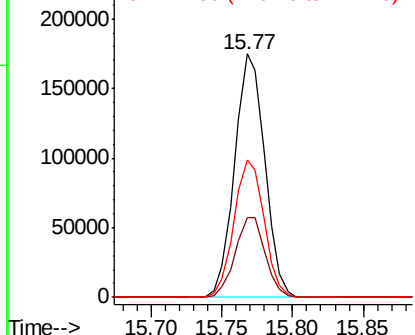


Abundance

Ion 204.00 (203.70 to 204.70): E

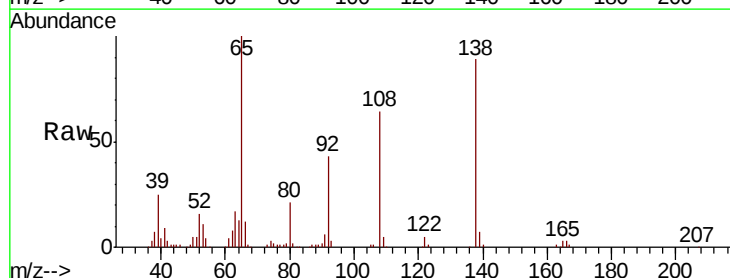
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.692 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	36.4	76.4
108	71.8	60.1	100.1

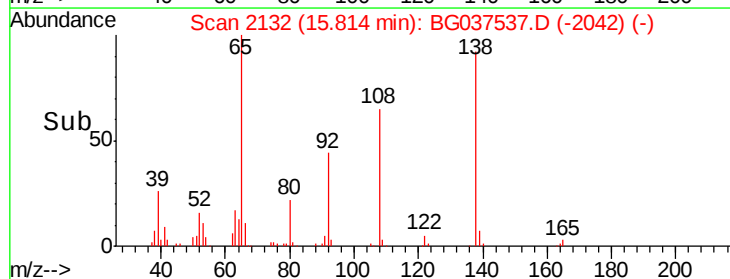
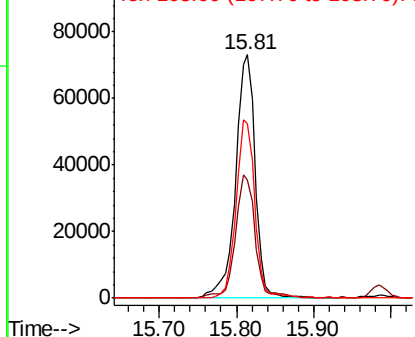


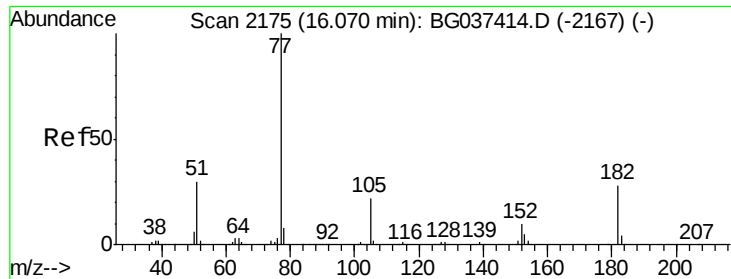
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

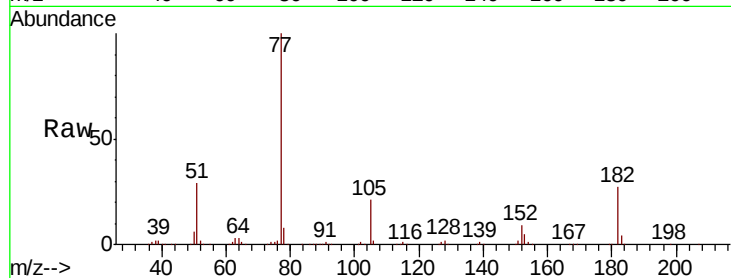




#63
Azobenzene
Concen: 41.315 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	8.0	48.0	
105	20.7	1.3	41.3	
51	29.2	10.7	50.7	



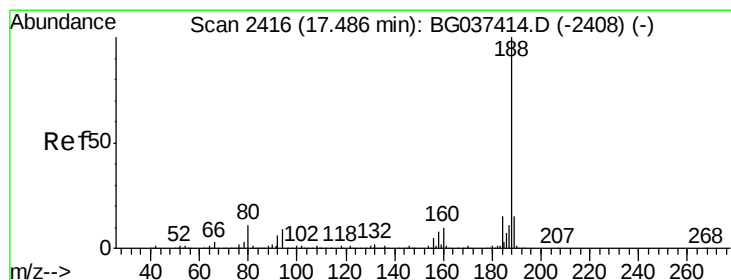
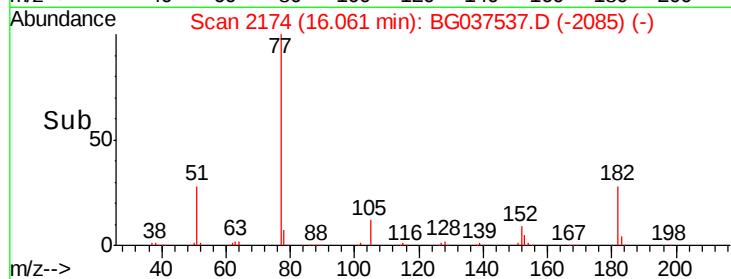
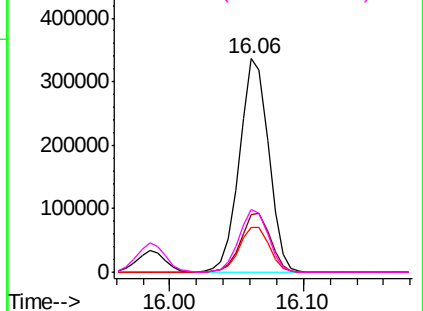
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

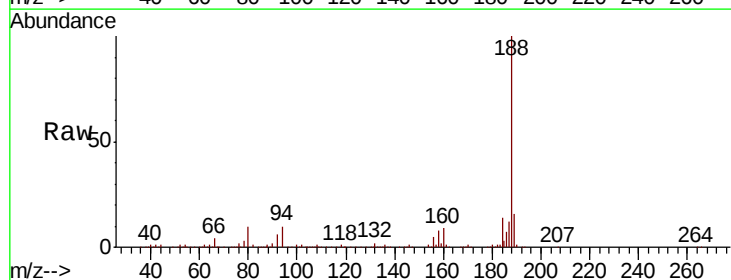
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.2	10.8	
80	10.0	7.7	11.5	

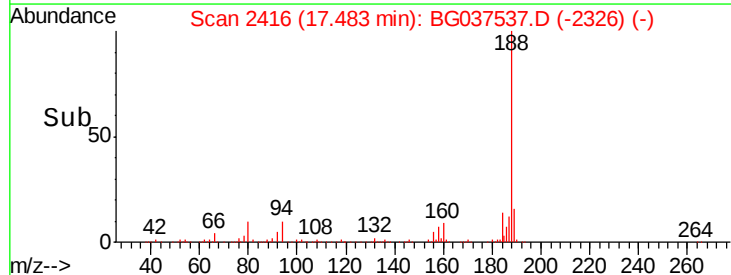
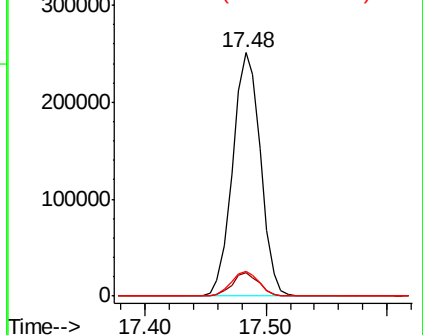


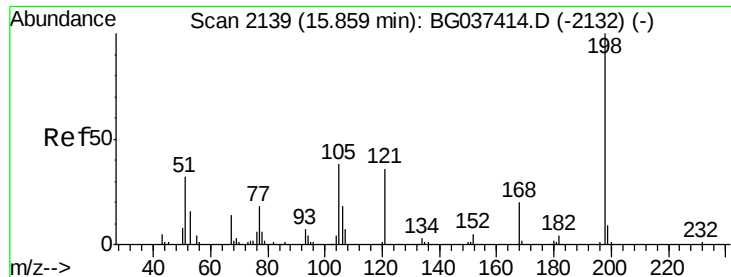
Abundance

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: 38.204 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

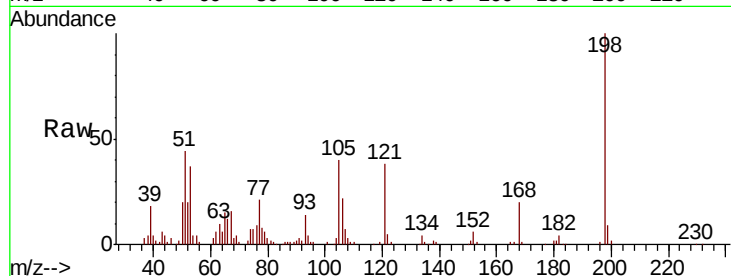
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 76383

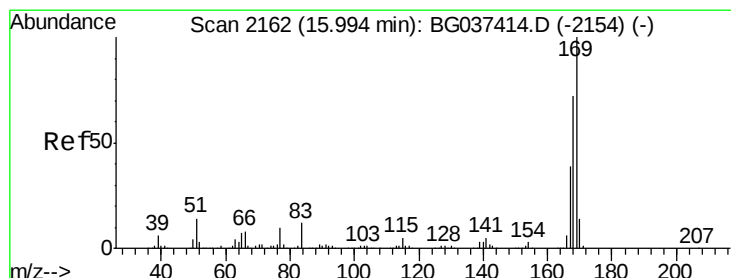
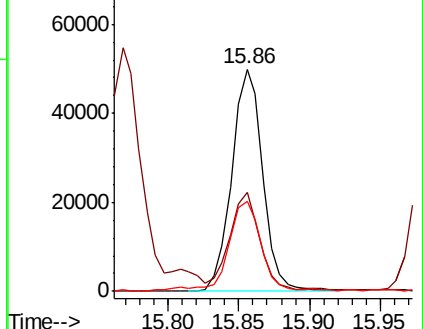
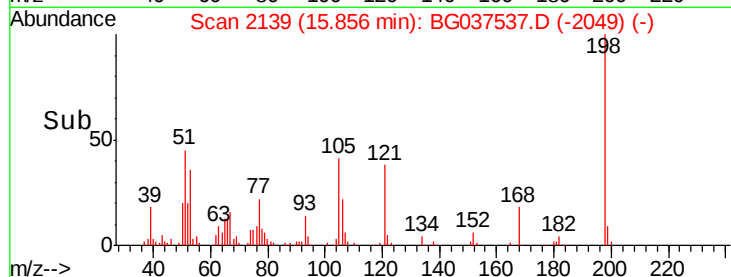
Ion	Ratio	Lower	Upper
198	100		
51	44.4	22.7	62.7
105	40.3	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037537.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.140 ng

RT: 15.98 min Scan# 2161

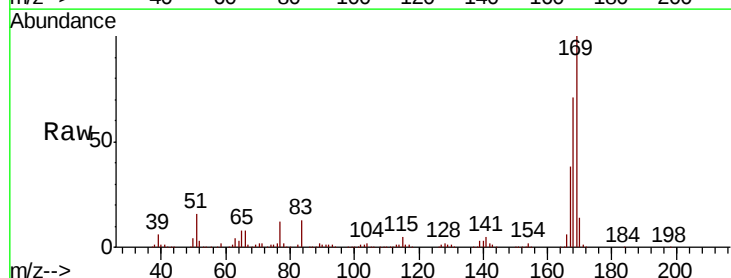
Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Tgt Ion:169 Resp: 462671

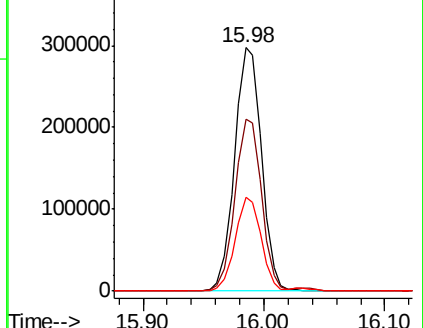
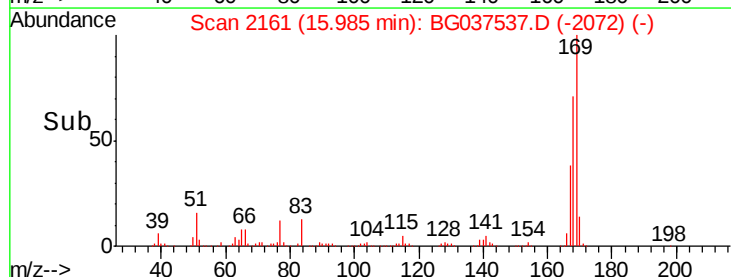
Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	38.3	31.3	46.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

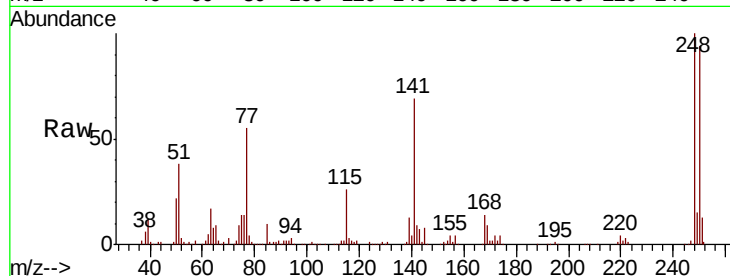




#67
 4-Bromophenyl-phenylether
 Concen: 37.500 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.0	115.6
141	69.1	55.5	83.3

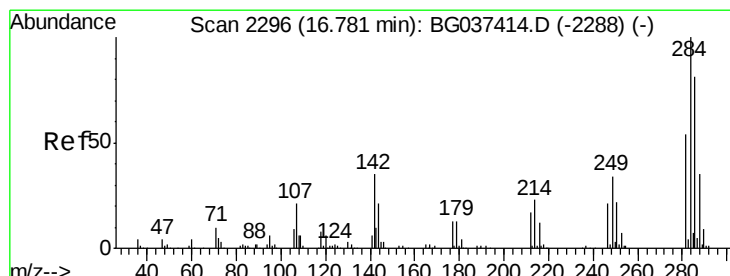
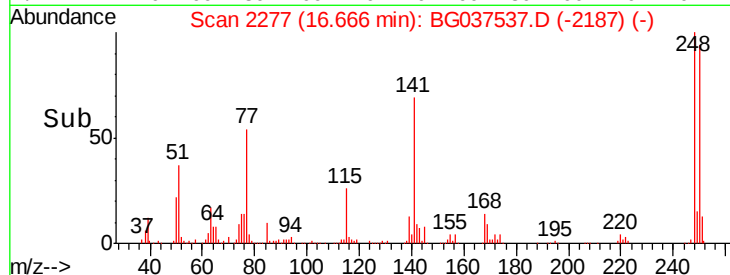
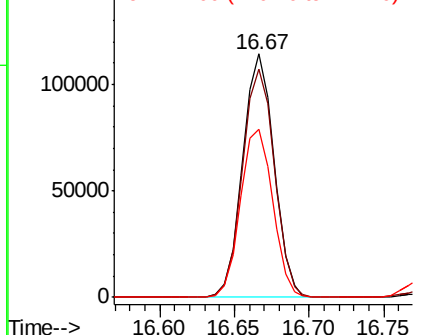


Abundance

Ion 248.00 (247.70 to 248.70): E

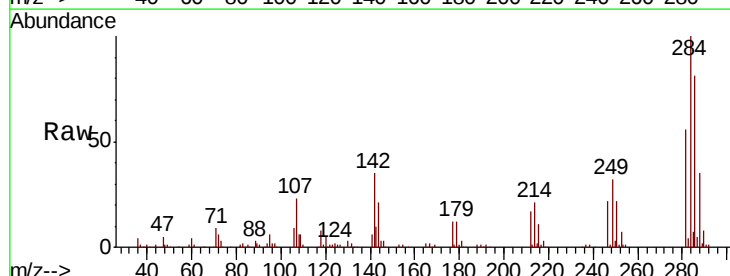
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.742 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.1	42.1
249	35.0	29.8	44.8

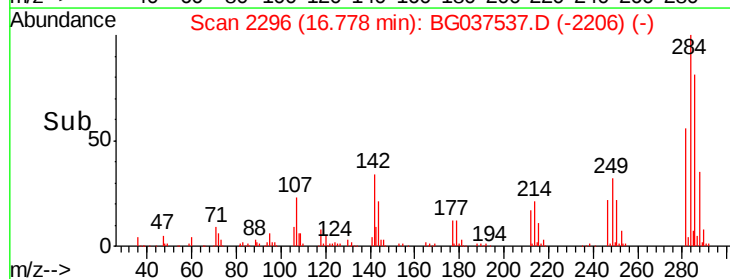
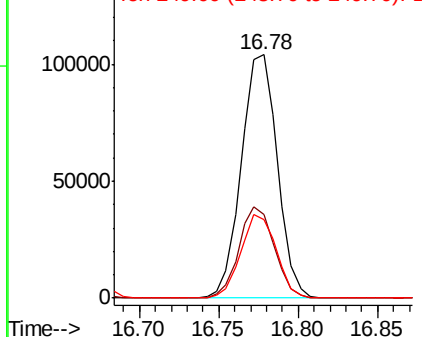


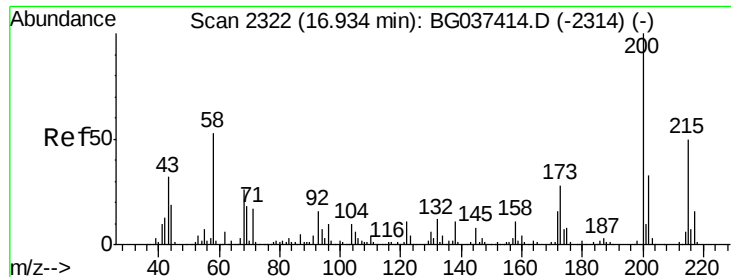
Abundance

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

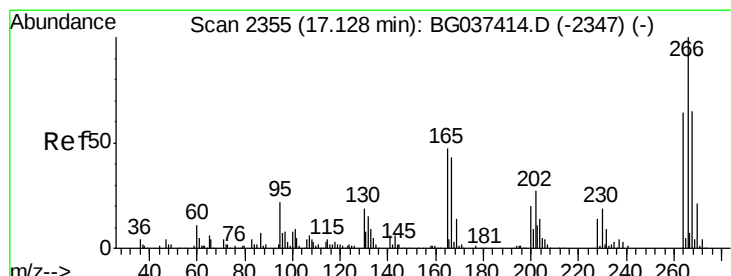
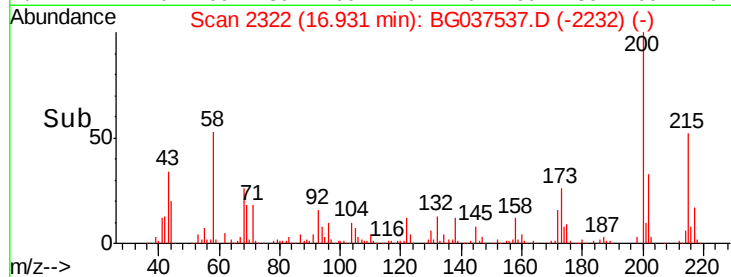
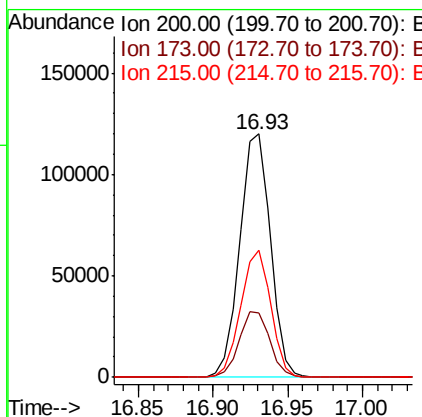
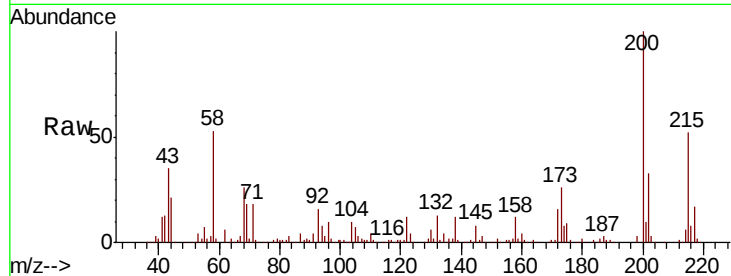




#69
 Atrazine
 Concen: 38.866 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

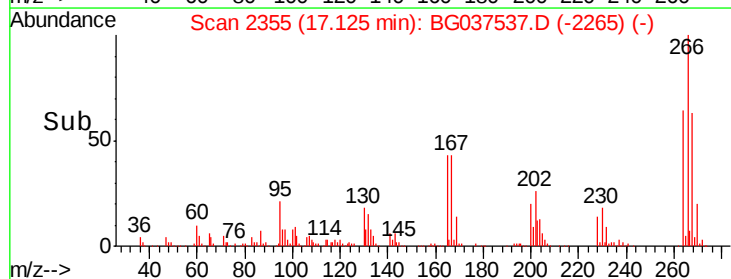
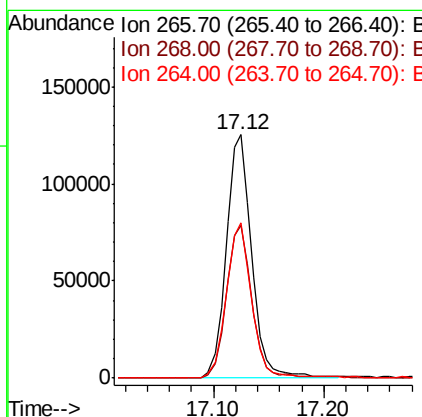
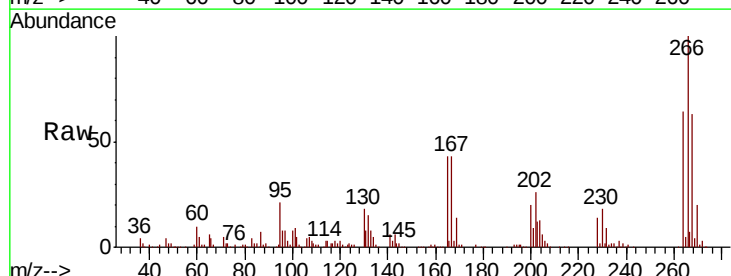
Instrument :
 BNA_G
 ClientSampleId :

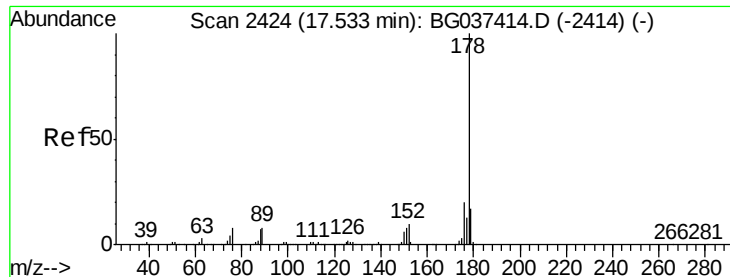
Tot Ion:200 Resp: 170464
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.1 46.1
 215 52.0 30.8 70.8



#70
 Pentachlorophenol
 Concen: 65.657 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037537.D
 Acq: 25 Oct 2018 8:31

Tgt Ion:266 Resp: 201862
 Ion Ratio Lower Upper
 266 100
 268 67.0 55.0 82.6
 264 68.8 58.9 88.3

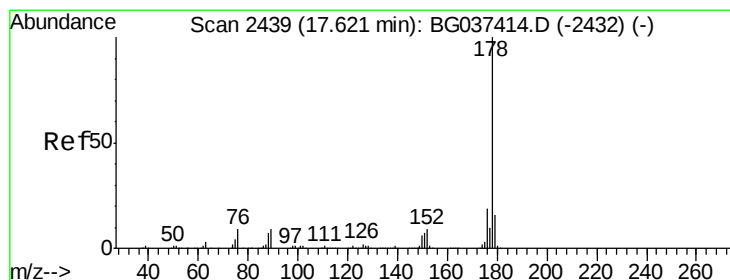
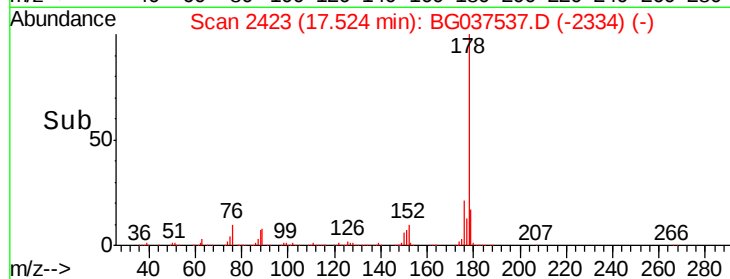
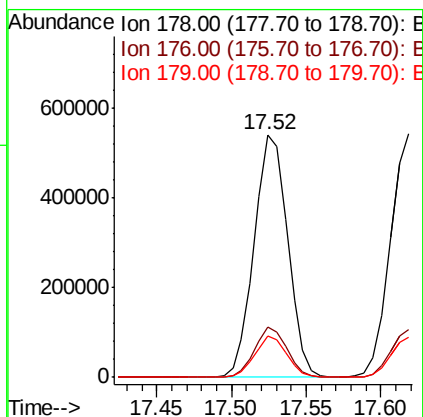
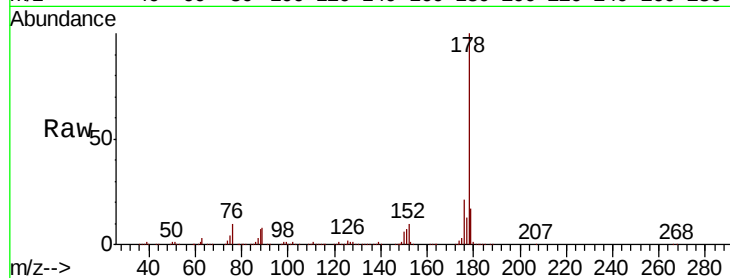




#71
Phenanthrene
Concen: 41.078 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

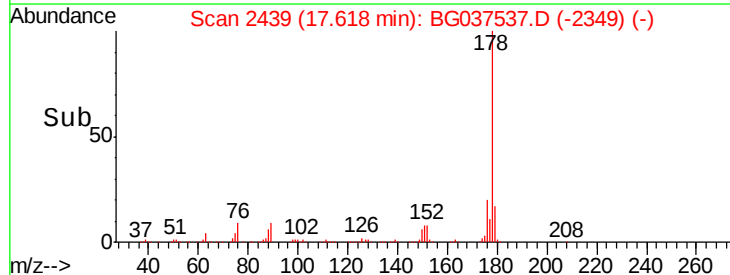
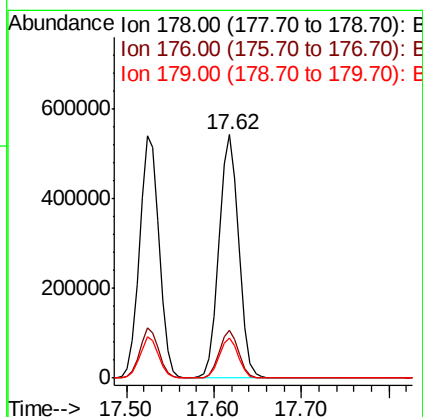
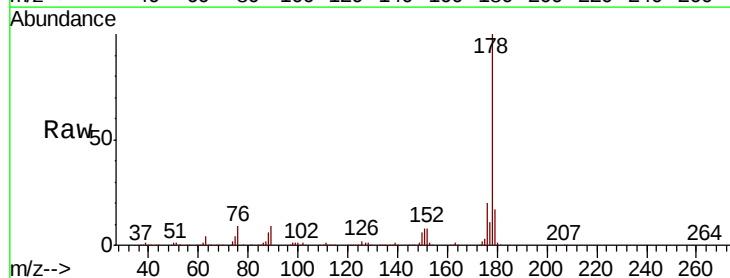
Instrument :
BNA_G
ClientSampleId :

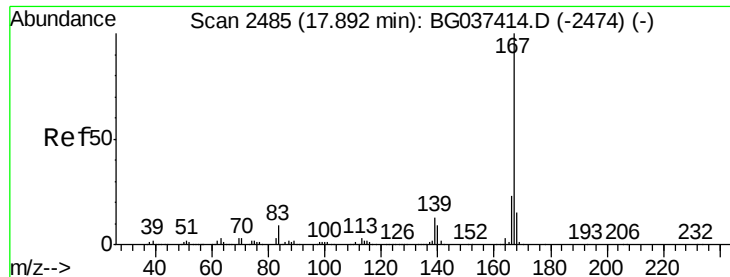
Tot Ion:178 Resp: 841937
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 42.252 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:178 Resp: 849870
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 38.714 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

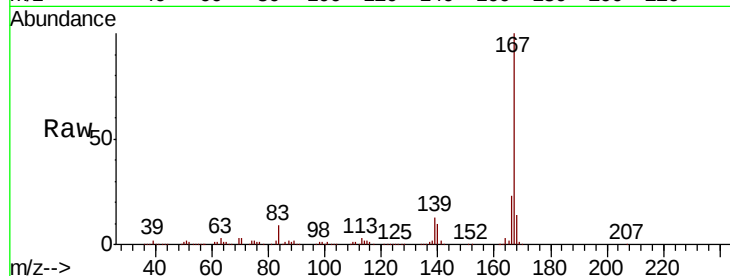
Tot Ion:167 Resp: 778936

Ion Ratio Lower Upper

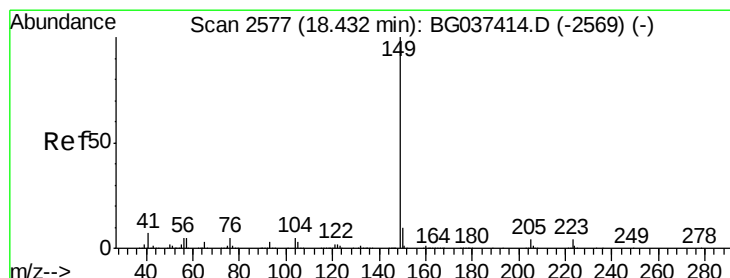
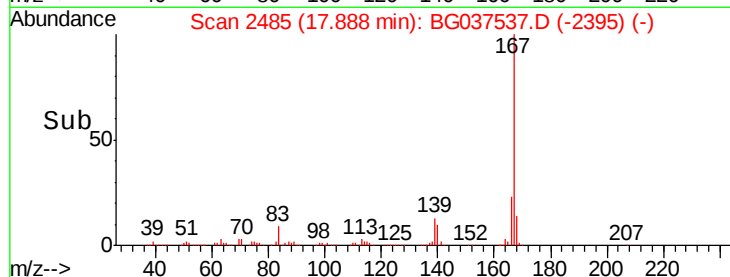
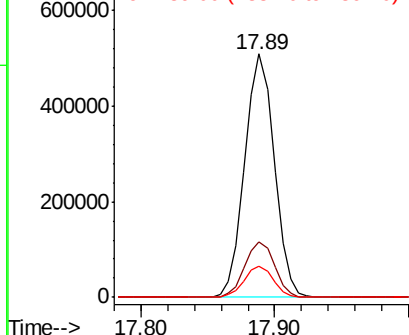
167 100

166 23.0 18.3 27.5

139 12.6 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 41.536 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

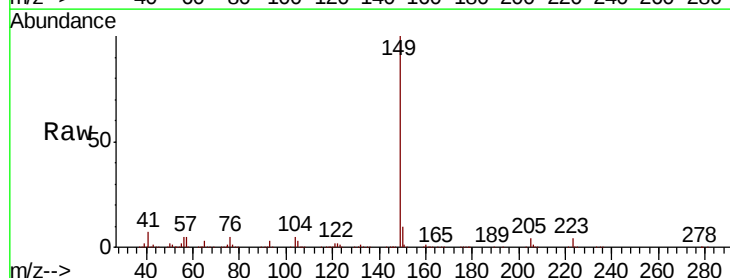
Tgt Ion:149 Resp: 929642

Ion Ratio Lower Upper

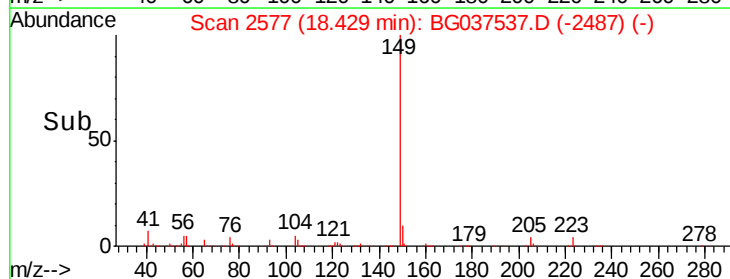
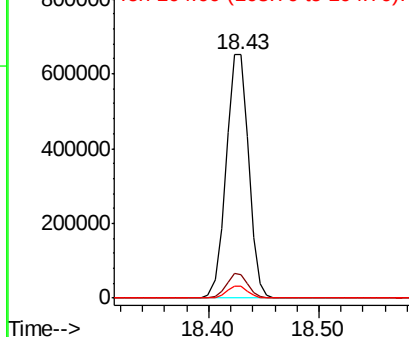
149 100

150 9.9 8.2 12.2

104 5.0 4.0 6.0



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





#75

Fluoranthene

Concen: 42.593 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037537.D

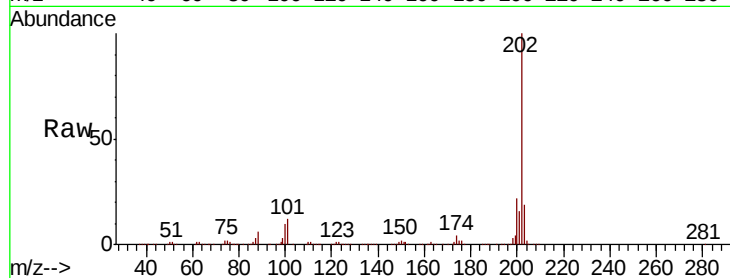
Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

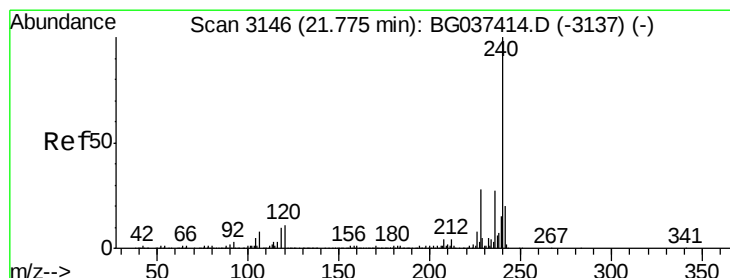
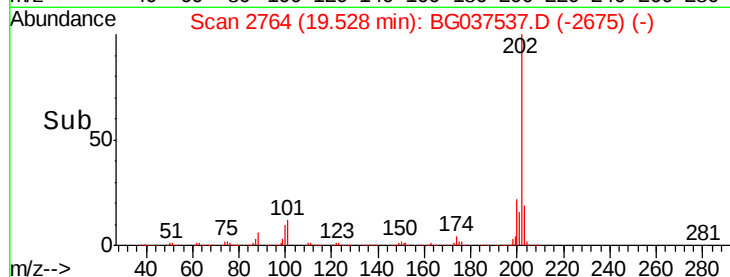
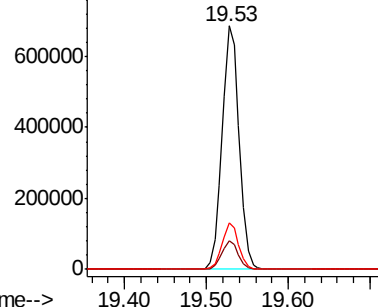
Tot Ion:	202	Resp:	990127
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.7
203	19.2	0.0	38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

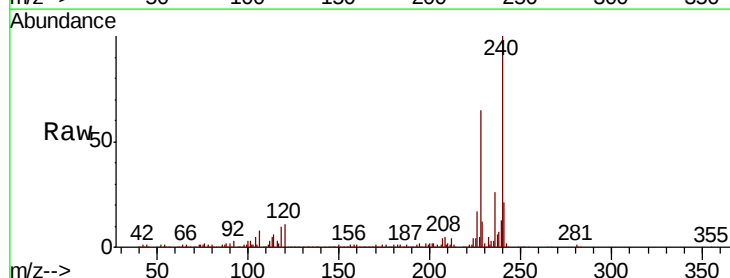
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

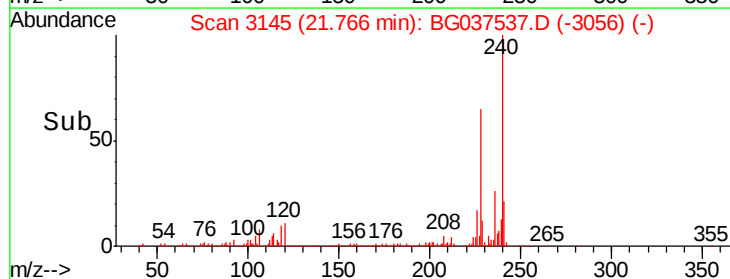
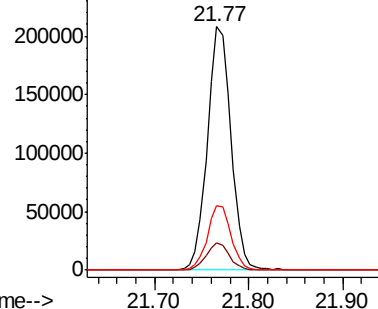
Tgt Ion:	240	Resp:	363191
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	26.3	21.4	32.0



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: 16.892 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

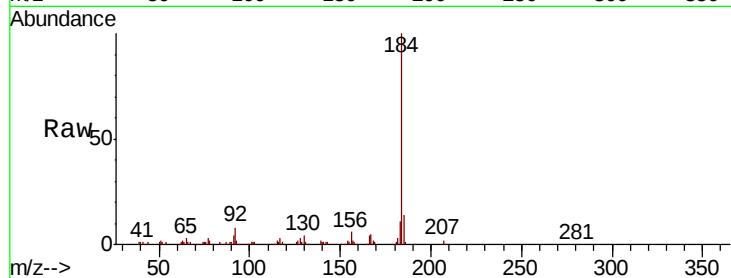
Tot Ion:184 Resp: 208610

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

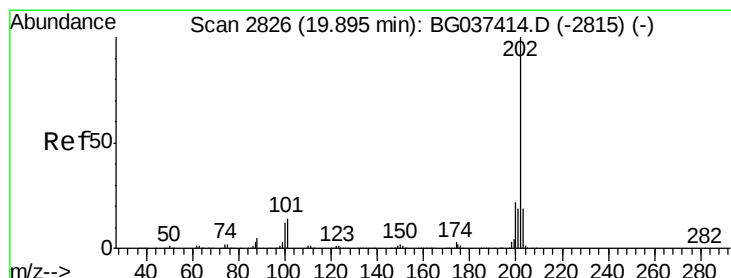
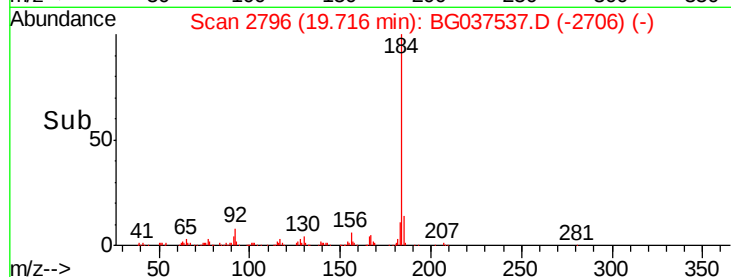
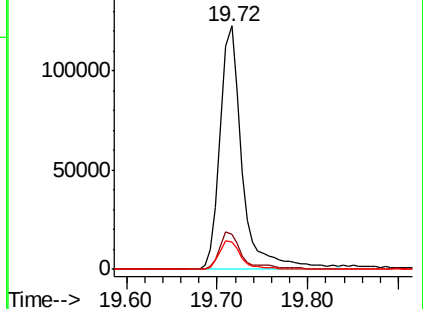
183 11.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.972 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

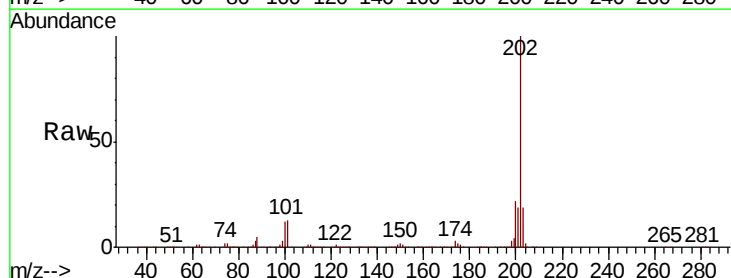
Tgt Ion:202 Resp: 972773

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

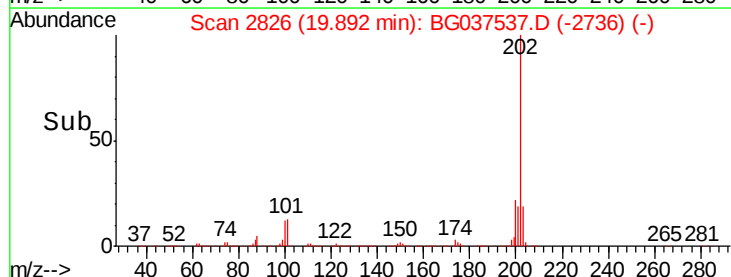
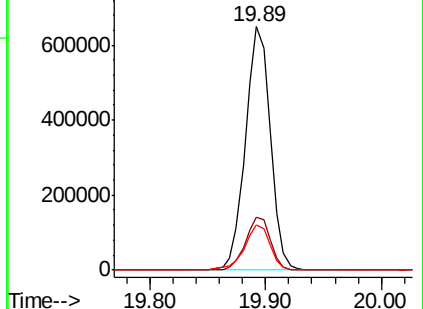
203 18.8 15.2 22.8

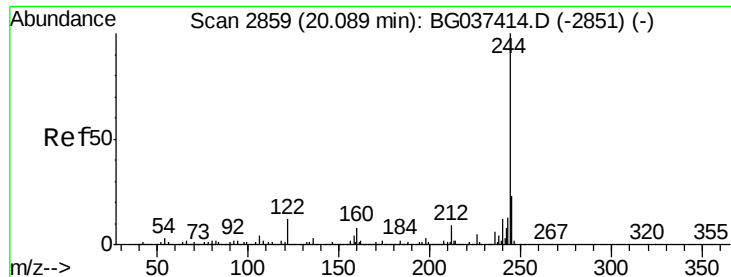


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.933 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampled :

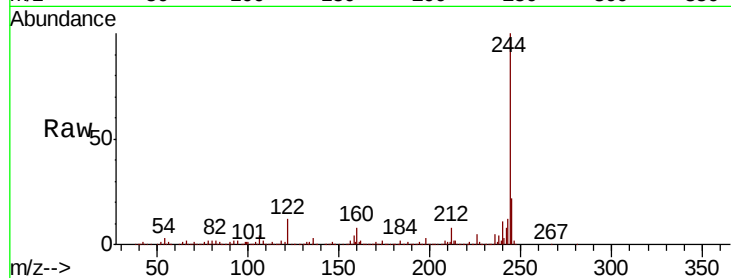
Tot Ion:244 Resp: 1222666

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.7	9.0	13.4

244 100

212 8.3 6.5 9.7

122 11.7 9.0 13.4

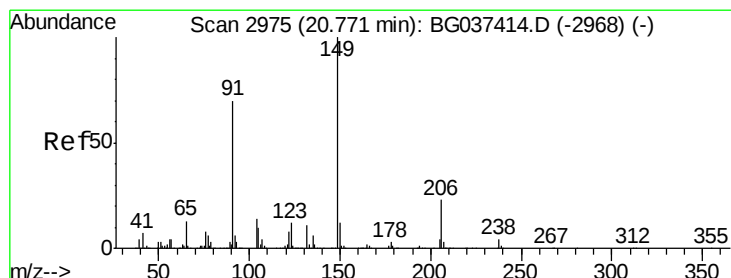
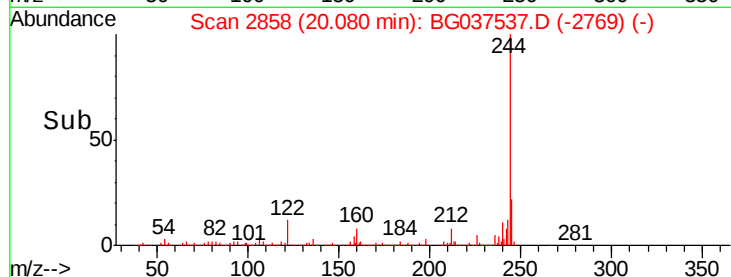
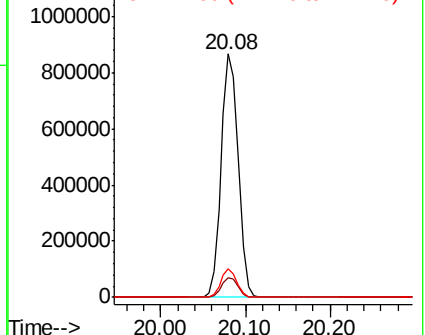


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.151 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

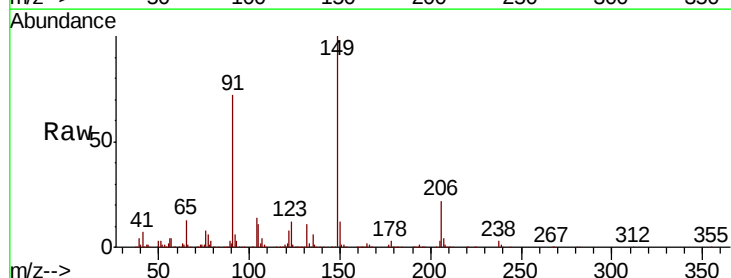
Tgt Ion:149 Resp: 419285

Ion	Ratio	Lower	Upper
149	100		
91	72.1	57.0	85.4
206	22.4	17.8	26.6

149 100

91 72.1 57.0 85.4

206 22.4 17.8 26.6

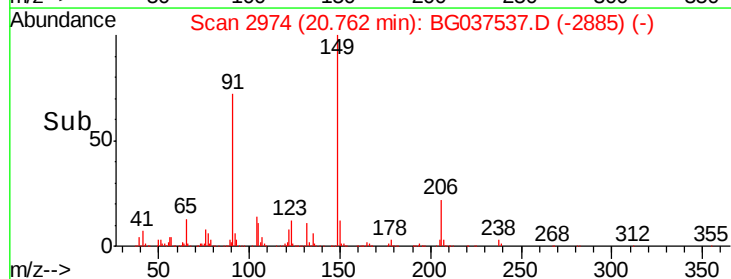
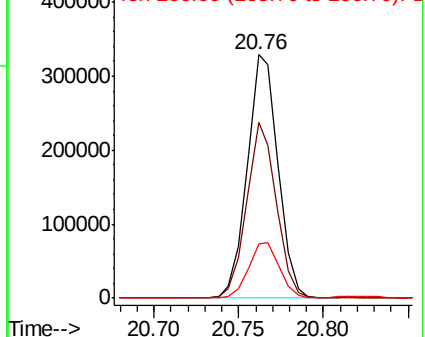


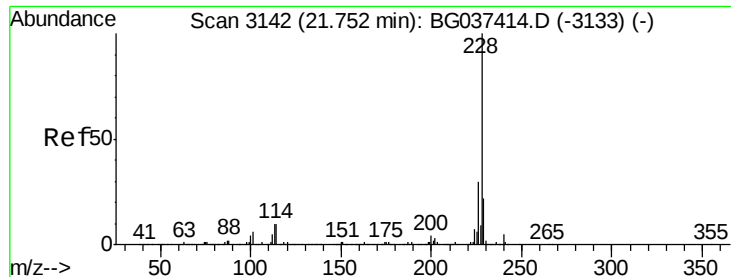
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.821 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

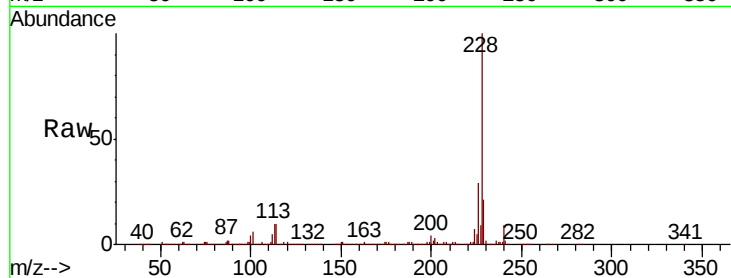
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 919904

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.4	16.3	24.5

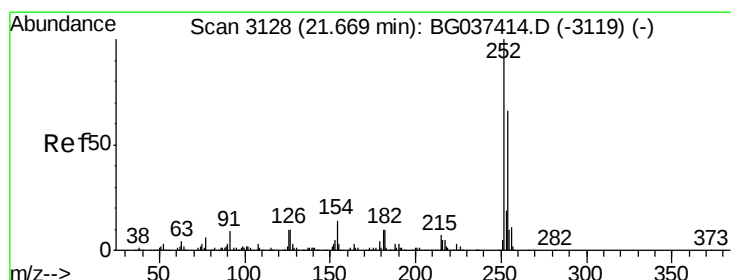
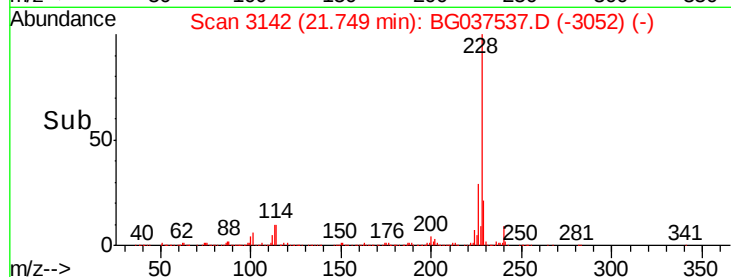
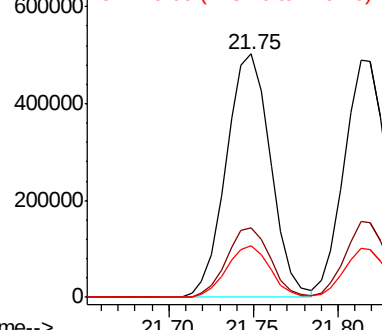


Abundance

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: 22.494 ng

RT: 21.66 min Scan# 3127

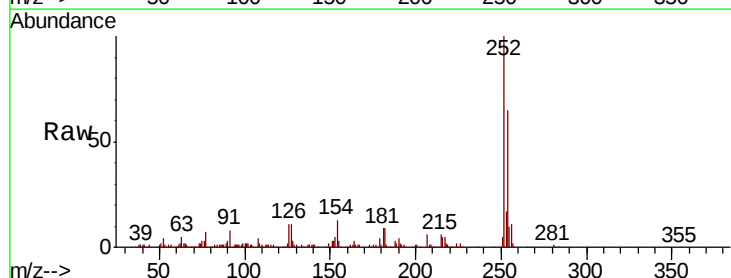
Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Tgt Ion:252 Resp: 187303

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.0	78.0
126	11.4	8.2	12.4

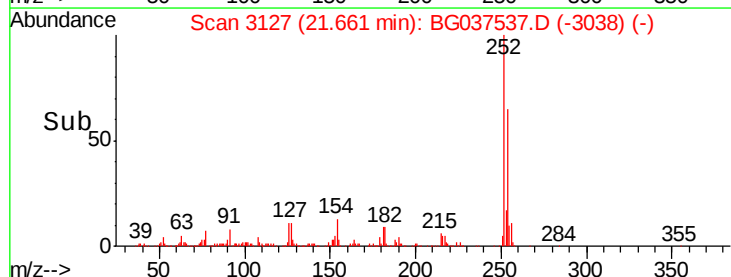
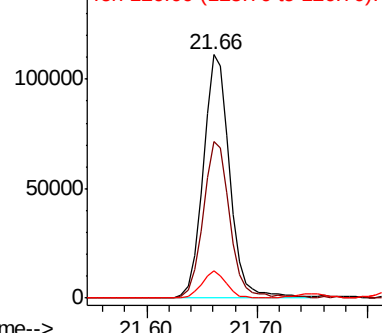


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

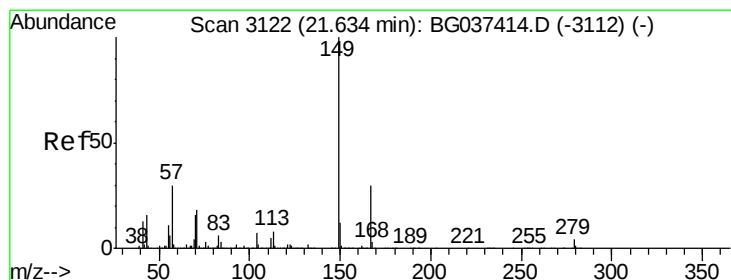
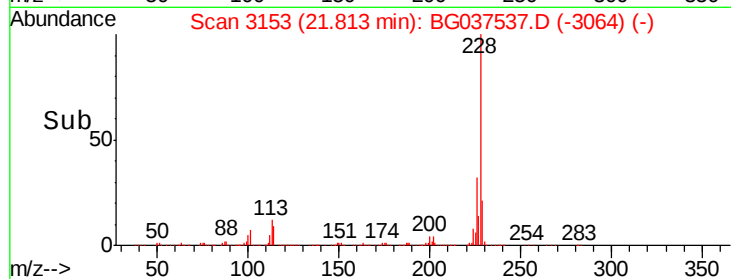
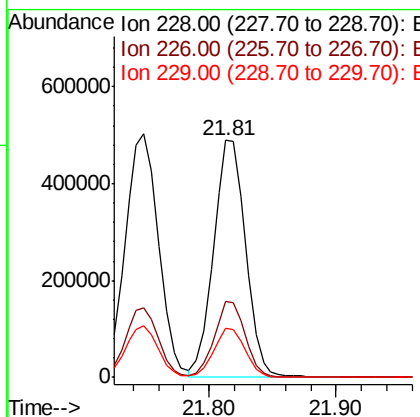
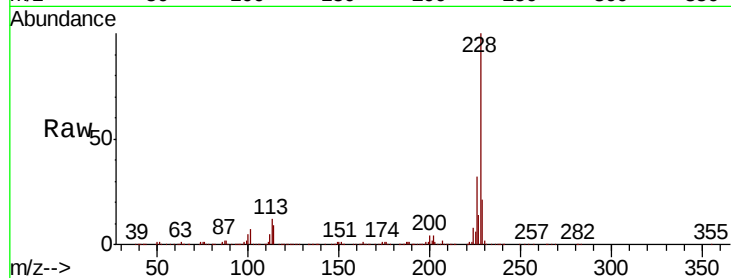




#83
Chrysene
Concen: 41.455 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

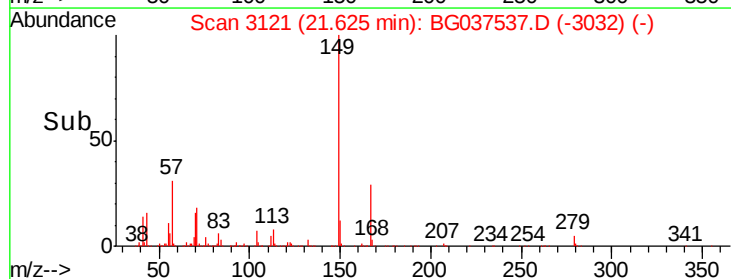
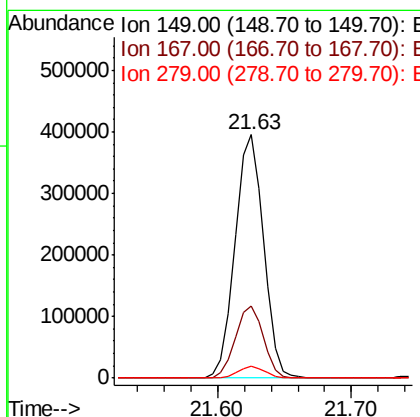
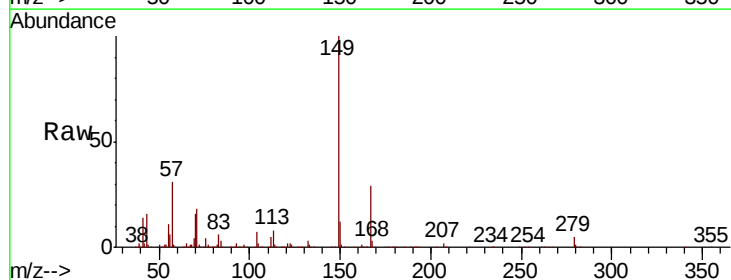
Instrument :
BNA_G
ClientSampleId :

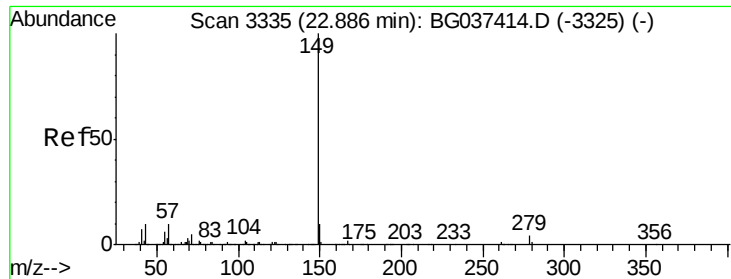
Tot Ion:228 Resp: 856324
Ion Ratio Lower Upper
228 100
226 32.1 25.7 38.5
229 20.7 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.075 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion:149 Resp: 586682
Ion Ratio Lower Upper
149 100
167 29.4 23.0 34.4
279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.971 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

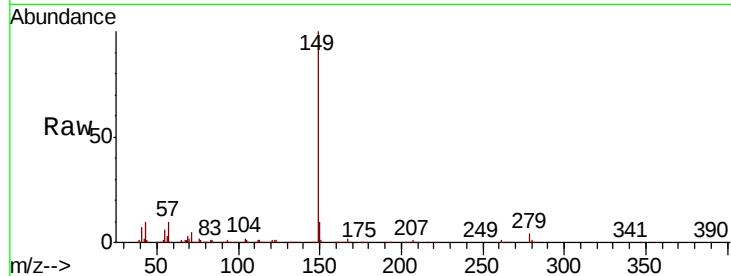
Tot Ion:149 Resp: 998799

Ion Ratio Lower Upper

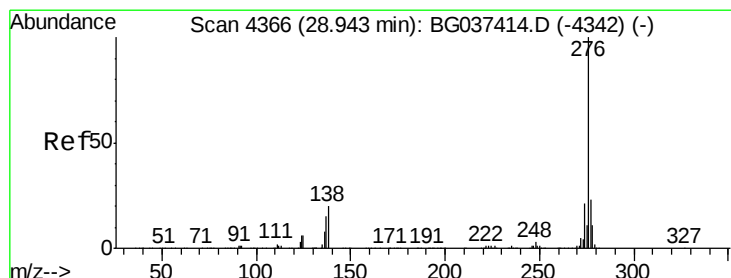
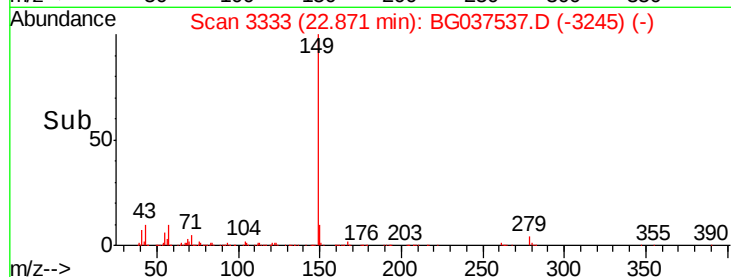
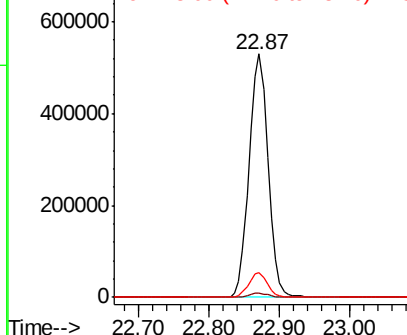
149 100

167 1.7 1.3 1.9

43 9.9 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.800 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

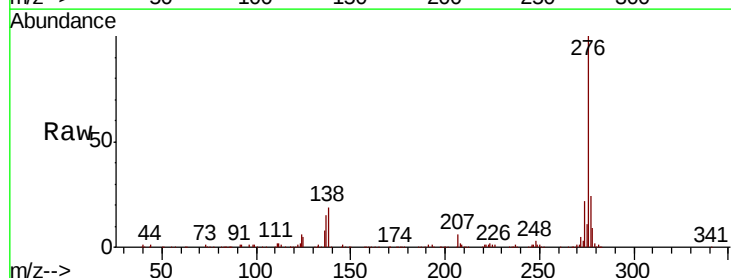
Tgt Ion:276 Resp: 926121

Ion Ratio Lower Upper

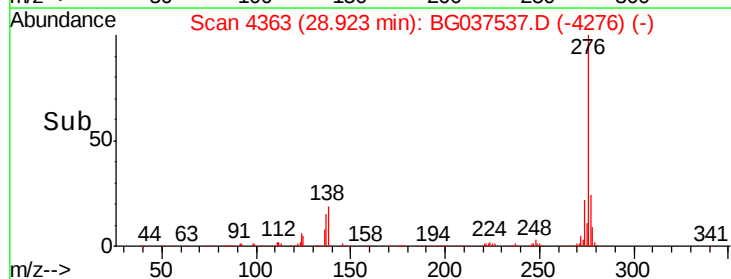
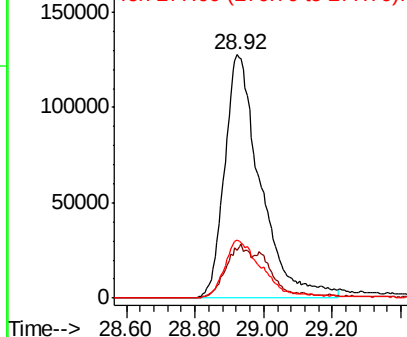
276 100

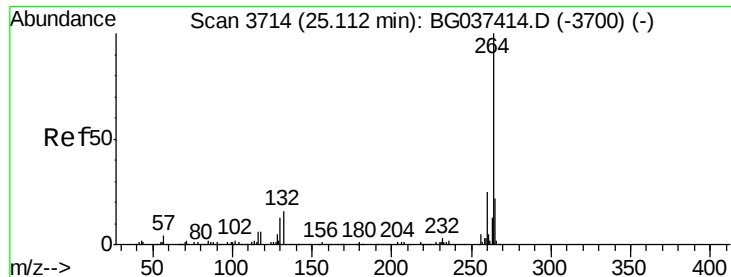
138 14.3 12.0 18.0

277 24.4 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

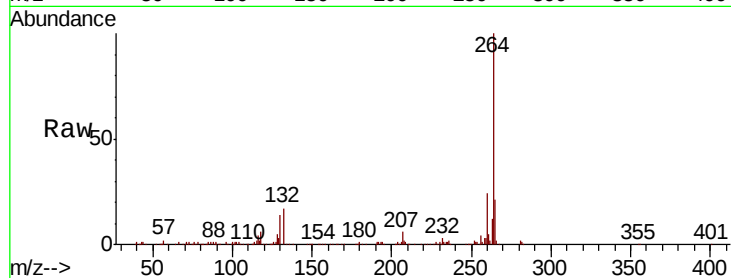
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 374697

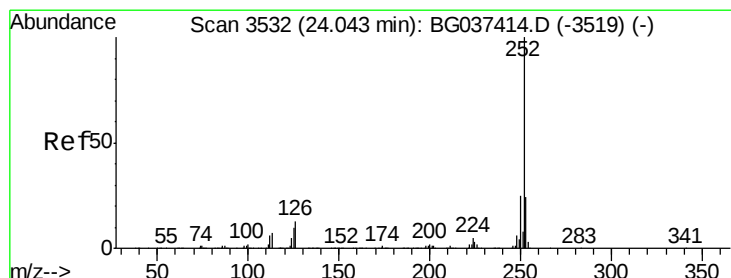
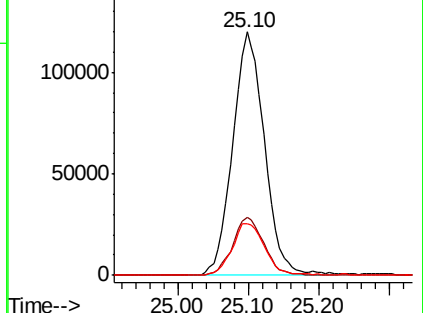
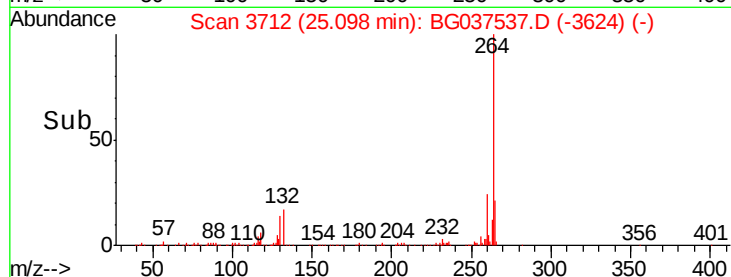
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.4	17.9	26.9



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: 43.771 ng

RT: 24.03 min Scan# 3531

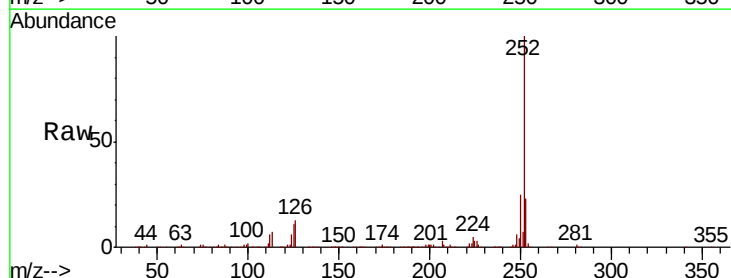
Delta R.T. -0.01 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Tgt Ion:252 Resp: 899160

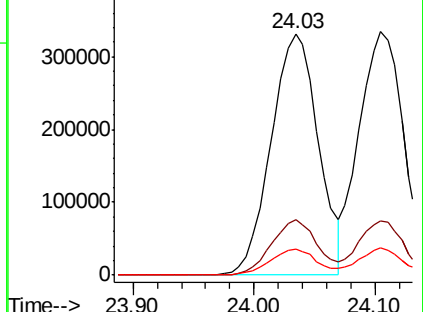
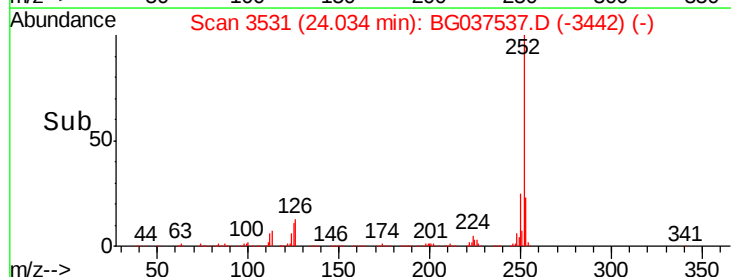
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.8	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

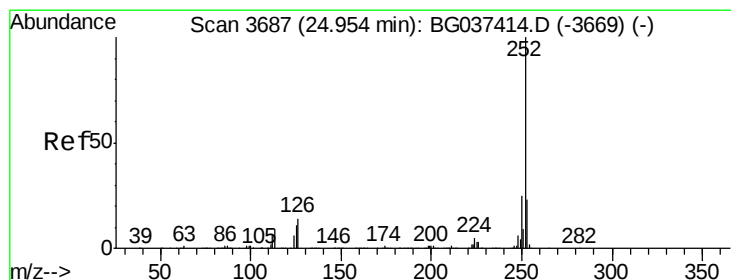
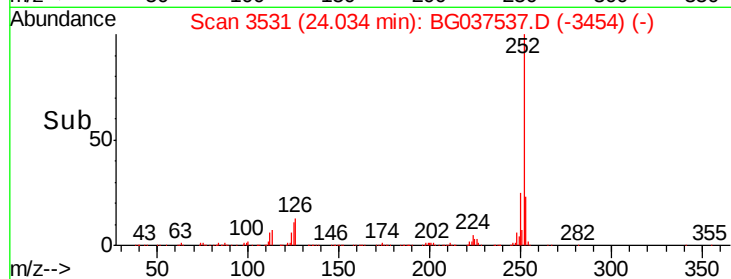
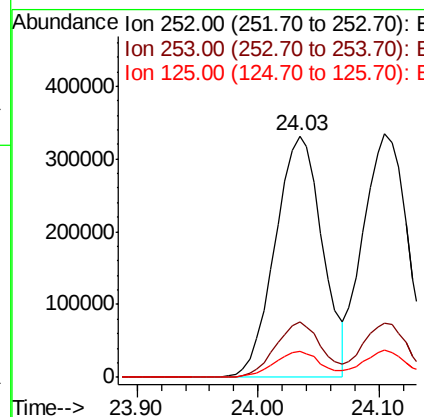
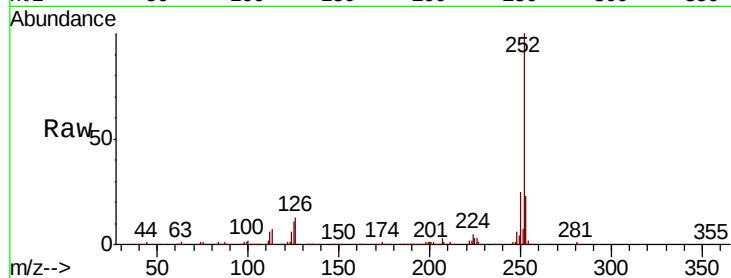




#89
Benzo(k)fluoranthene
Concen: 44.677 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

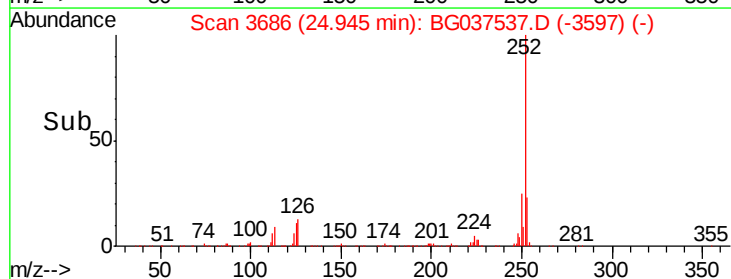
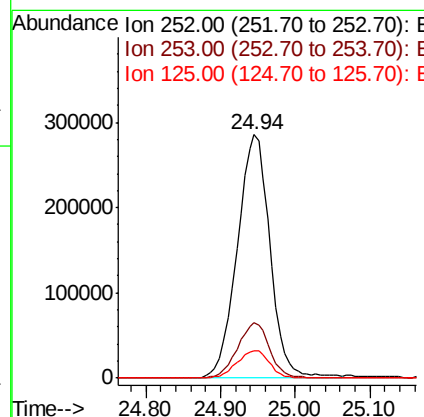
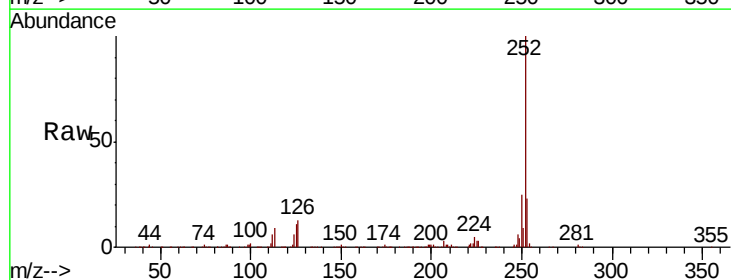
Instrument :
BNA_G
ClientSampleId :

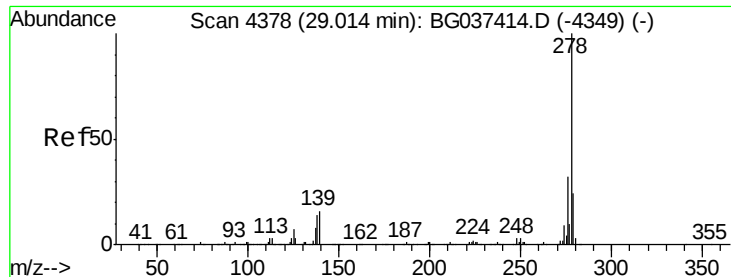
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 44.413 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037537.D
Acq: 25 Oct 2018 8:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.524 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

Instrument :

BNA_G

ClientSampleId :

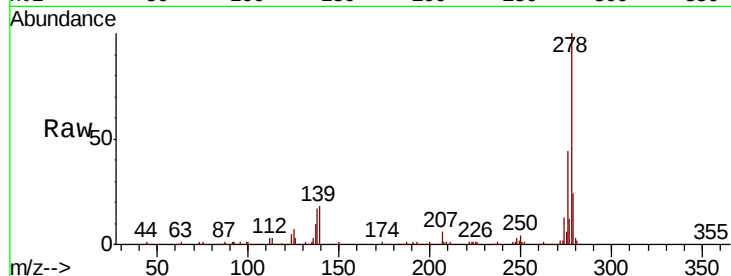
Tot Ion:278 Resp: 729655

Ion Ratio Lower Upper

278 100

139 17.6 11.5 17.3#

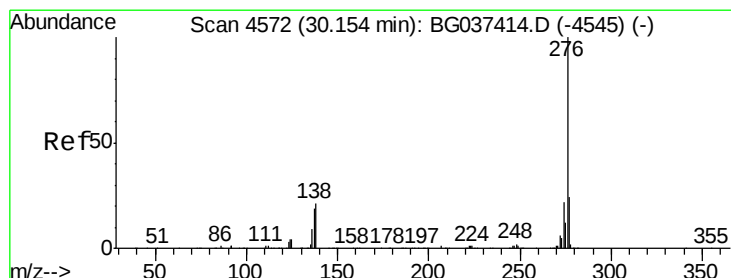
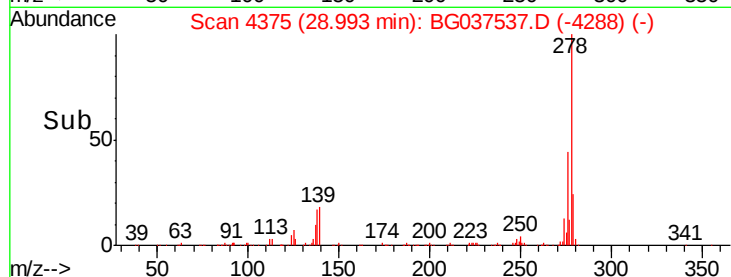
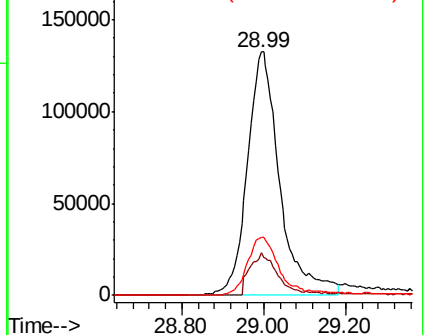
279 23.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.408 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037537.D

Acq: 25 Oct 2018 8:31

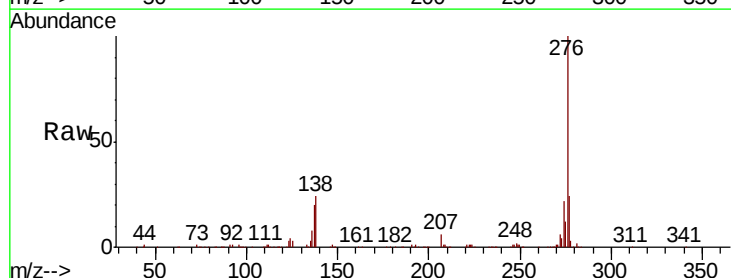
Tgt Ion:276 Resp: 717873

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 23.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

