

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037512.D
 Acq On : 24 Oct 2018 15:30
 Operator : JU/SJ
 Sample : PB1141123BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:58:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	72482	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344795	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228415	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	546489	20.00	ng	0.00
76) Chrysene-d12	21.77	240	479967	20.00	ng	0.00
87) Perylene-d12	25.11	264	492706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	656486	151.42	ng	0.00
7) Phenol-d6	7.26	99	909381	138.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	475134	77.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	335565	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1127263	74.42	ng	0.00
79) Terphenyl-d14	20.08	244	1355018	60.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	56963	25.909	ng	97
3) Pyridine	3.93	79	155558	28.072	ng	94
4) n-Nitrosodimethylamine	3.85	42	90947	46.077	ng	# 92
6) Aniline	7.43	93	302815	37.864	ng	97
8) 2-Chlorophenol	7.67	128	233459	46.031	ng	97
9) Benzaldehyde	7.25	77	117230	28.587	ng	96
10) Phenol	7.28	94	318067	45.984	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	213545	40.649	ng	95
12) 1,3-Dichlorobenzene	7.99	146	219572	38.888	ng	98
13) 1,4-Dichlorobenzene	8.14	146	226469	39.211	ng	99
14) 1,2-Dichlorobenzene	8.46	146	220771	39.737	ng	99
15) Benzyl Alcohol	8.34	79	216786	44.754	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	398985	42.446	ng	97
17) 2-Methylphenol	8.54	107	215574	47.141	ng	98
18) Hexachloroethane	9.19	117	82026	41.658	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	182584	40.445	ng	96
20) 3+4-Methylphenols	8.87	107	302375	46.248	ng	99
22) Acetophenone	8.94	105	345875	39.998	ng	98
24) Nitrobenzene	9.33	77	265139	41.466	ng	94
25) Isophorone	9.84	82	516540	45.930	ng	98
26) 2-Nitrophenol	10.04	139	130484	45.299	ng	97
27) 2,4-Dimethylphenol	10.08	122	257055	49.981	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	312723	42.442	ng	98
29) 2,4-Dichlorophenol	10.57	162	251469	43.915	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	245066	39.354	ng	96
31) Naphthalene	10.98	128	713961	42.158	ng	99
32) Benzoic acid	10.22	122	180395	54.003	ng	100
33) 4-Chloroaniline	11.09	127	208010	26.141	ng	96
34) Hexachlorobutadiene	11.24	225	140062	37.950	ng	99
35) Caprolactam	11.89	113	65655	28.588	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	281373	43.570	ng	99
37) 2-Methylnaphthalene	12.57	142	548822	44.456	ng	100
38) 1-Methylnaphthalene	12.79	142	519618	43.341	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	280570	38.081	ng	99

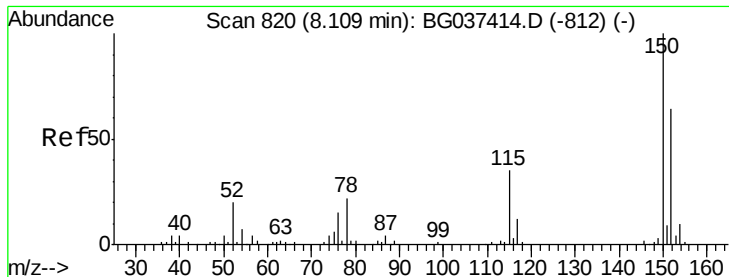
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037512.D
 Acq On : 24 Oct 2018 15:30
 Operator : JU/SJ
 Sample : PB1141123BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:58:45 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)
41) Hexachlorocyclopentadiene	12.90	237	324096	92.090	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	215865	43.855	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	234947	43.841	ng	97
46) 1,1'-Biphenyl	13.57	154	709337	37.498	ng	98
47) 2-Chloronaphthalene	13.62	162	558585	39.031	ng	99
48) 2-Nitroaniline	13.83	65	193573	44.603	ng	96
49) Acenaphthylene	14.47	152	921792	42.818	ng	99
50) Dimethylphthalate	14.19	163	737738	41.749	ng	99
51) 2,6-Dinitrotoluene	14.32	165	169791	43.435	ng	94
52) Acenaphthene	14.81	154	541948	40.876	ng	99
53) 3-Nitroaniline	14.65	138	152728	35.194	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	147826	83.086	ng	97
55) Dibenzofuran	15.14	168	865149	39.384	ng	98
56) 4-Nitrophenol	14.95	139	298901	93.052	ng	100
57) 2,4-Dinitrotoluene	15.10	165	237355	46.256	ng	97
58) Fluorene	15.78	166	705962	42.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	209023	45.554	ng	99
60) Diethylphthalate	15.55	149	762332	42.021	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	373209	38.924	ng	99
62) 4-Nitroaniline	15.82	138	189832	44.023	ng	94
63) Azobenzene	16.06	77	713902	41.244	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	122290	43.593	ng	99
66) n-Nitrosodiphenylamine	15.99	169	652105	39.669	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	236158	39.351	ng	99
68) Hexachlorobenzene	16.78	284	238326	38.317	ng	96
69) Atrazine	16.93	200	251599	42.333	ng	100
70) Pentachlorophenol	17.13	266	303774	72.913	ng	96
71) Phenanthrene	17.53	178	1146965	41.296	ng	98
72) Anthracene	17.62	178	1167708	42.841	ng	94
73) Carbazole	17.89	167	1080675	39.636	ng	99
74) Di-n-butylphthalate	18.43	149	1279715	42.194	ng	99
75) Fluoranthene	19.53	202	1329847	42.216	ng	97
77) Benzidine	19.72	184	666656	40.849	ng	100
78) Pyrene	19.90	202	1268949	40.443	ng	98
80) Butylbenzylphthalate	20.77	149	592149	46.114	ng	99
81) Benzo(a)anthracene	21.75	228	1224004	43.114	ng	96
82) 3,3'-Dichlorobenzidine	21.66	252	358673	32.595	ng	100
83) Chrysene	21.82	228	1147501	42.035	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	814157	45.232	ng	98
85) Di-n-octyl phthalate	22.87	149	1378013	46.949	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1332792	45.520	ng	99
88) Benzo(b)fluoranthene	24.04	252	1220075	45.168	ng	98
89) Benzo(k)fluoranthene	24.04	252	1220075	46.102	ng	96
90) Benzo(a)pyrene	24.95	252	1189291	46.334	ng	99
91) Dibenzo(a,h)anthracene	29.01	278	1093303	46.177	ng	98
92) Benzo(g,h,i)perylene	30.15	276	1090463	45.524	ng	97

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

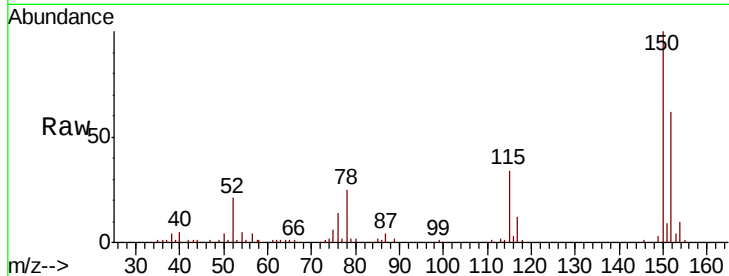


#1

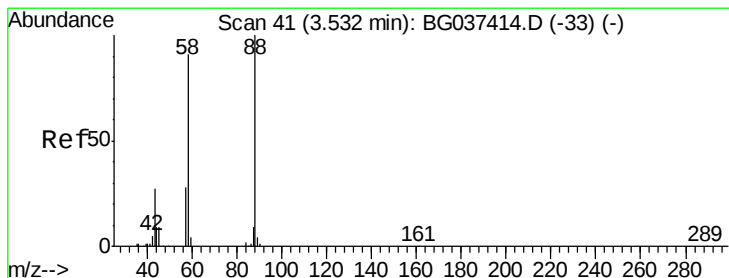
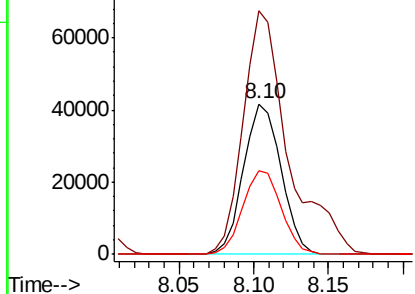
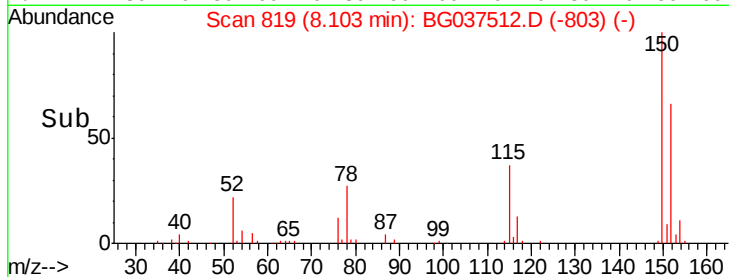
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	55.5	45.5	68.3



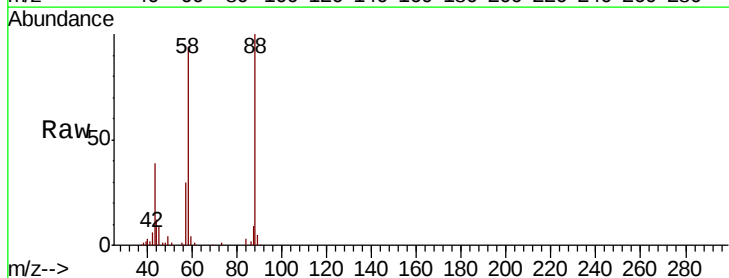
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



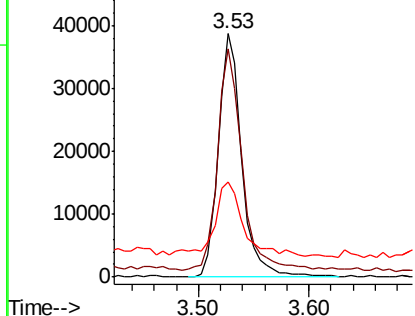
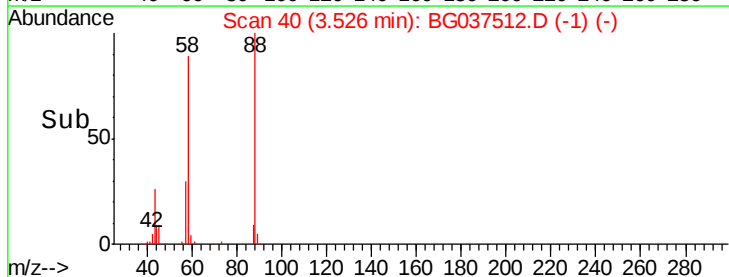
#2

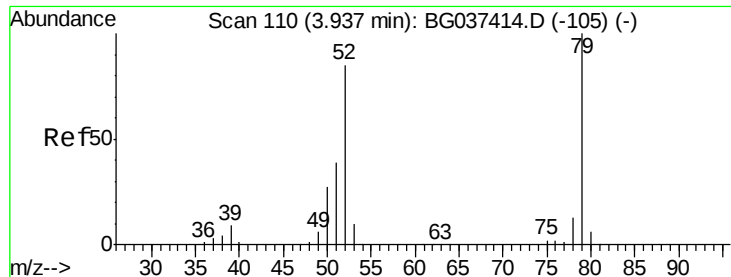
1,4-Dioxane
Concen: 25.909 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	74.4	111.6
43	36.1	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: 28.072 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

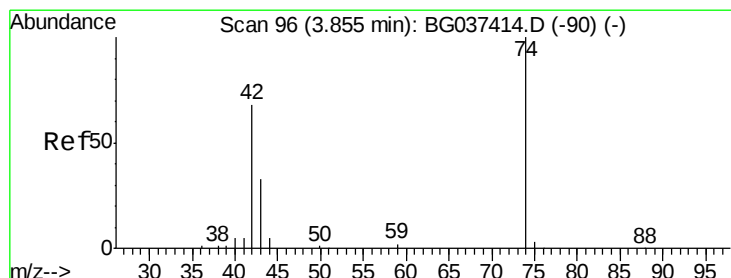
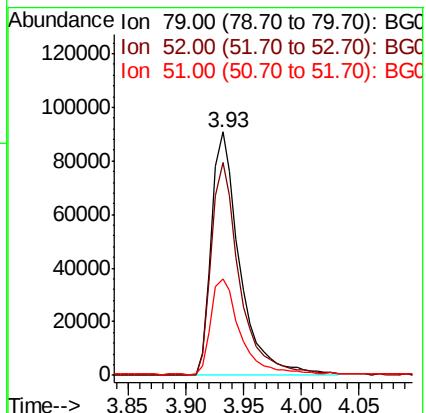
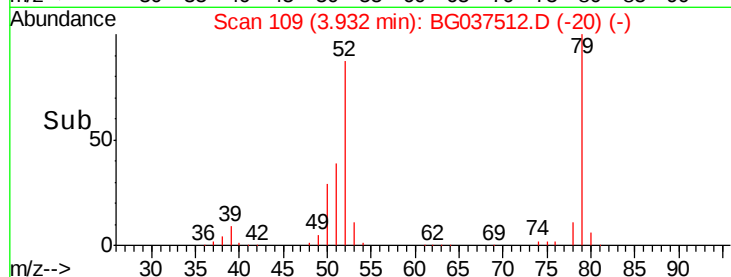
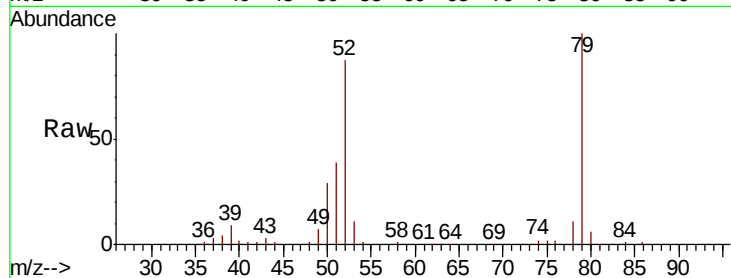
Tot Ion: 79 Resp: 155558

Ion Ratio Lower Upper

79 100

52 87.2 74.2 111.2

51 39.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.077 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

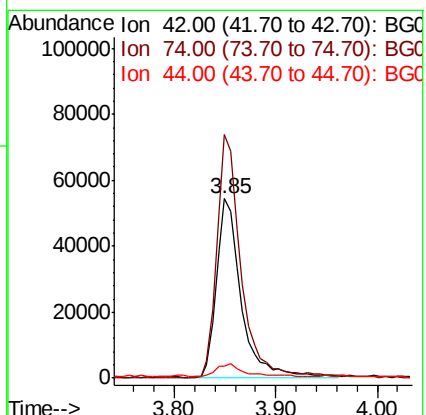
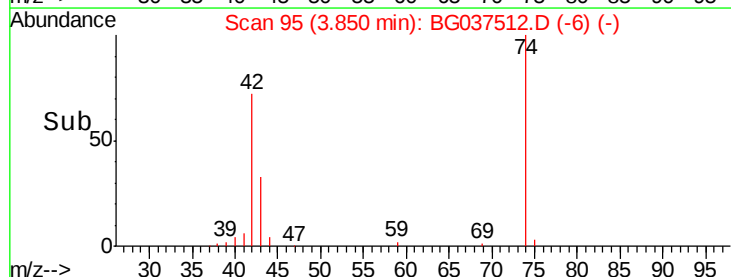
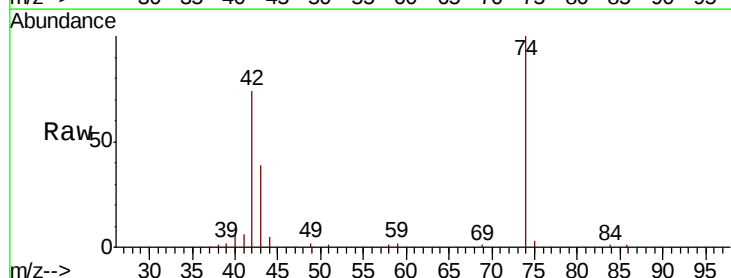
Tgt Ion: 42 Resp: 90947

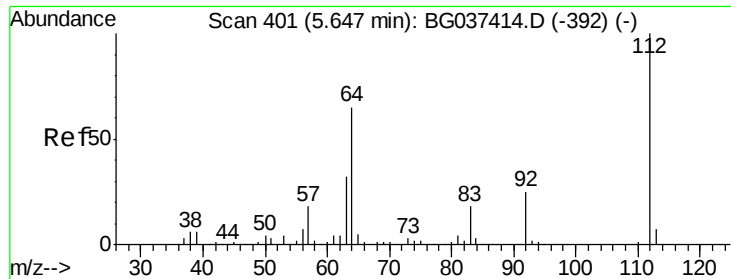
Ion Ratio Lower Upper

42 100

74 136.0 102.0 153.0

44 6.8 9.6 14.4#





#5

2-Fluorophenol

Concen: 151.424 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

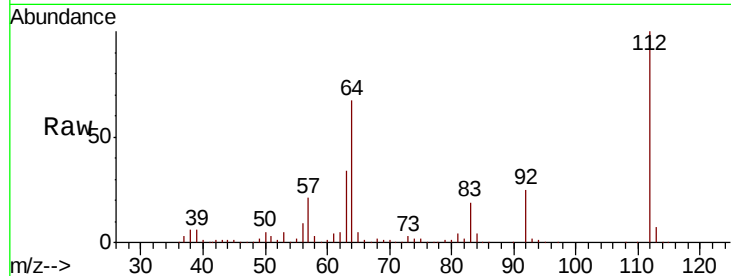
Tot Ion:112 Resp: 656486

Ion Ratio Lower Upper

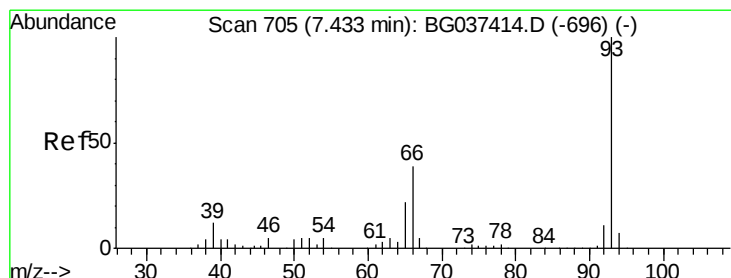
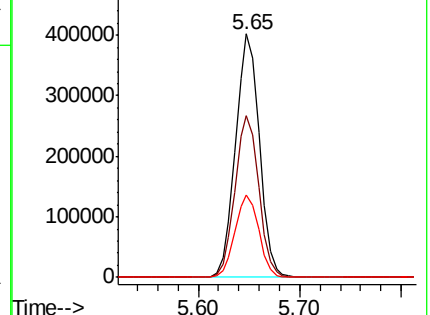
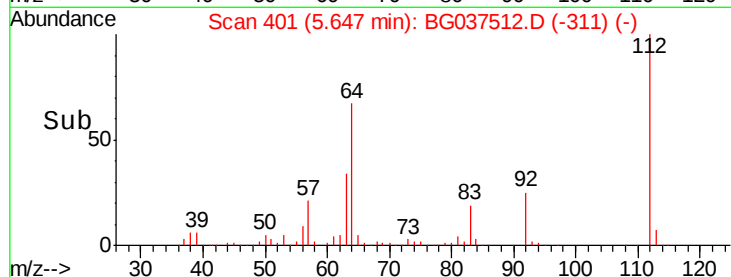
112 100

64 66.6 53.1 79.7

63 34.0 27.3 40.9



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



#6

Aniline

Concen: 37.864 ng

RT: 7.43 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

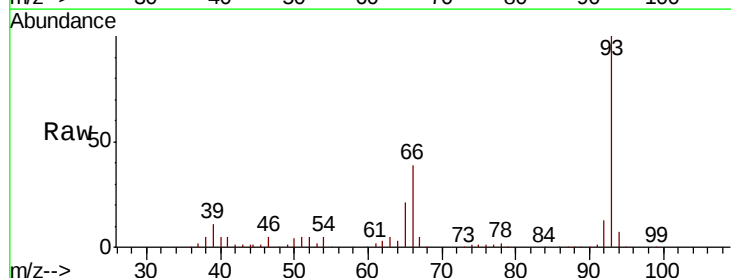
Tgt Ion: 93 Resp: 302815

Ion Ratio Lower Upper

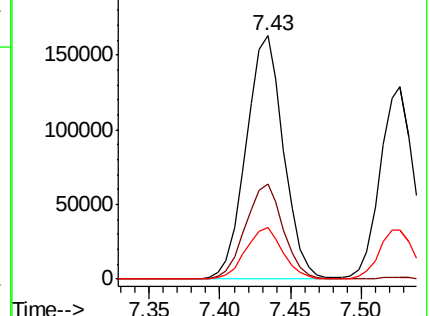
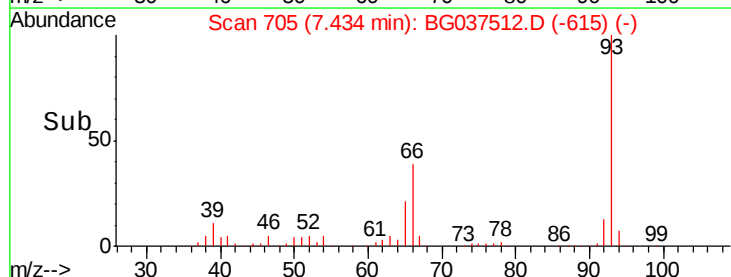
93 100

66 39.0 32.8 49.2

65 21.3 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: 138.716 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

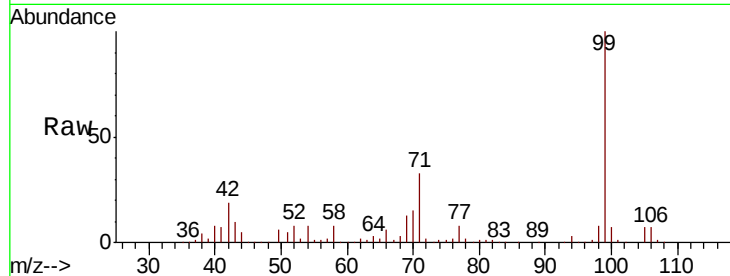
Tot Ion: 99 Resp: 909381

Ion Ratio Lower Upper

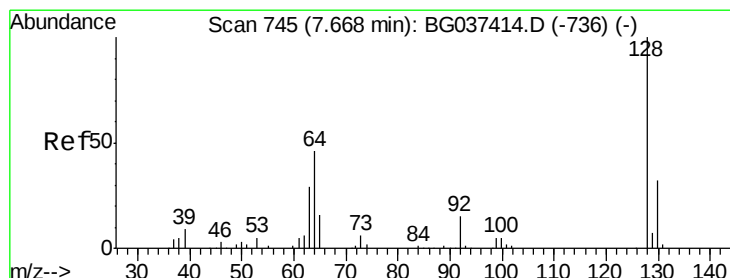
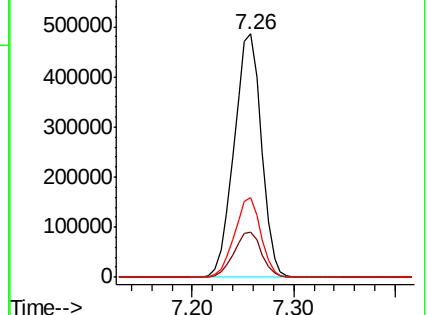
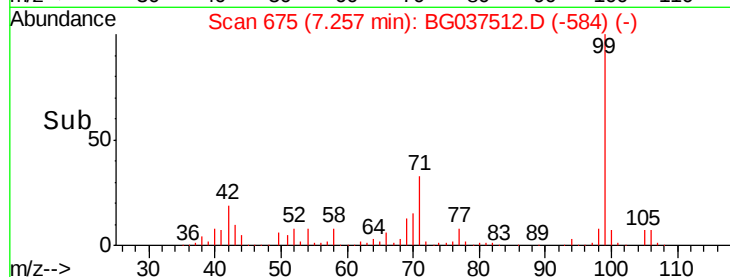
99 100

42 18.8 15.0 22.4

71 32.5 25.5 38.3



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



#8

2-Chlorophenol

Concen: 46.031 ng

RT: 7.67 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

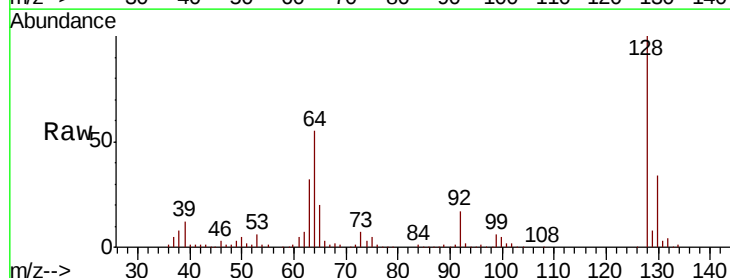
Tgt Ion:128 Resp: 233459

Ion Ratio Lower Upper

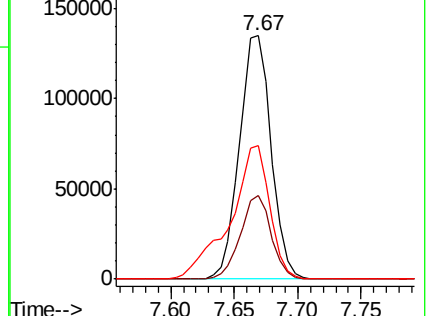
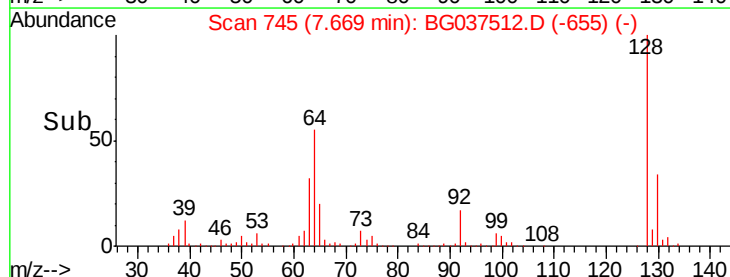
128 100

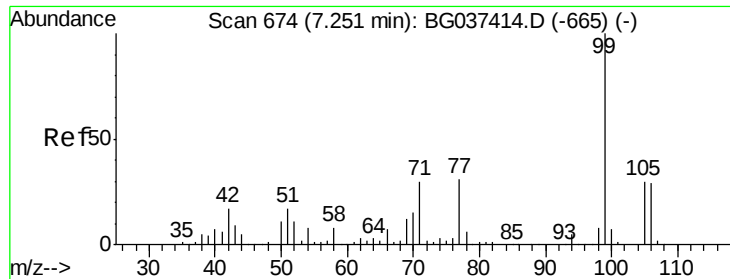
130 34.3 12.0 52.0

64 54.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 28.587 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

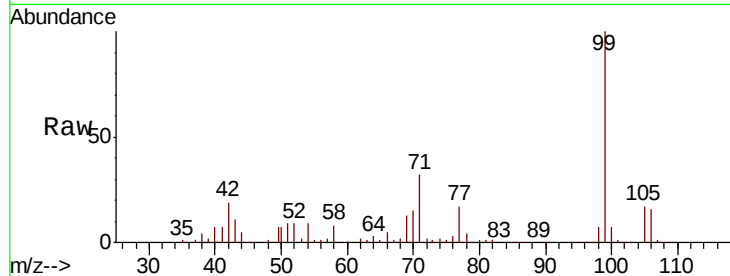
Tot Ion: 77 Resp: 117230

Ion Ratio Lower Upper

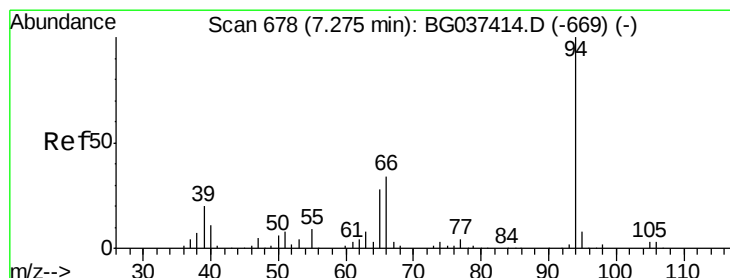
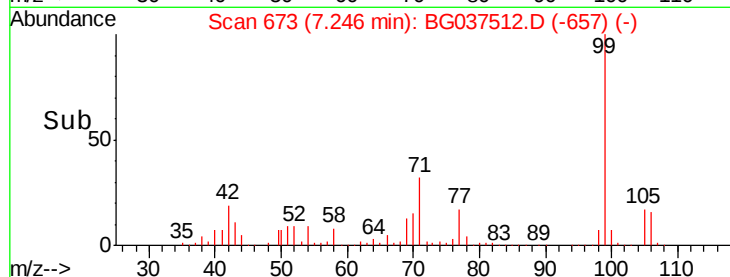
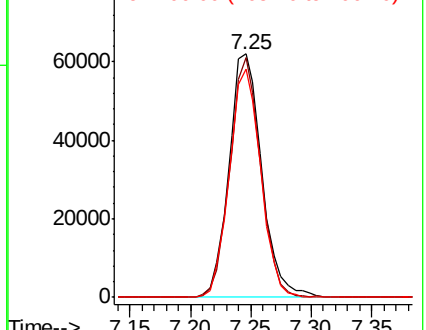
77 100

105 98.6 72.6 112.6

106 93.5 71.3 111.3



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



#10

Phenol

Concen: 45.984 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

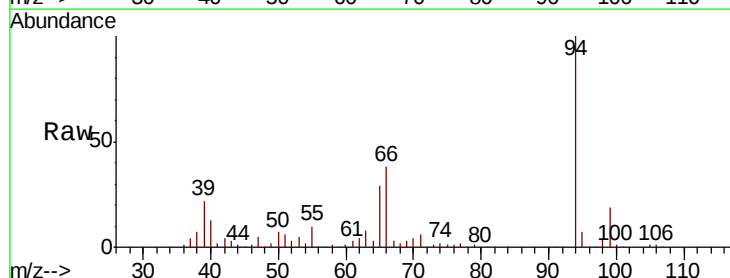
Tgt Ion: 94 Resp: 318067

Ion Ratio Lower Upper

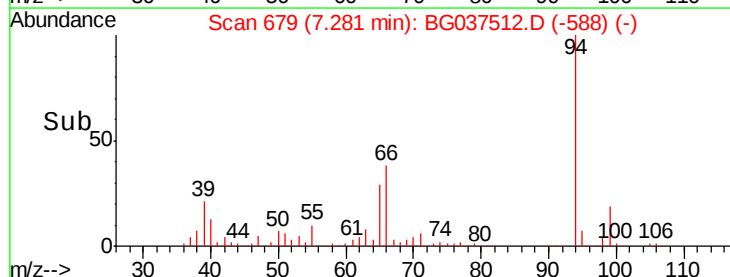
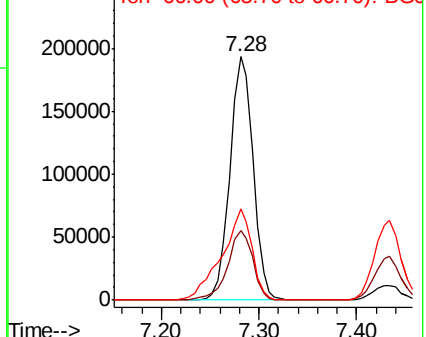
94 100

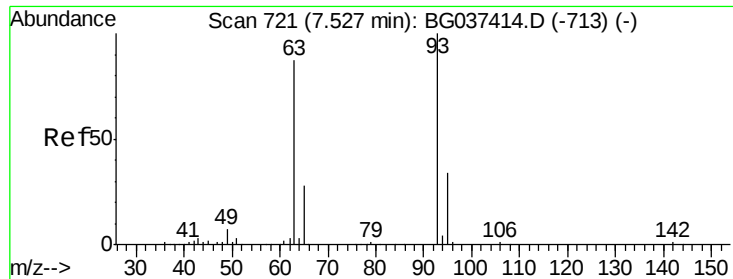
65 28.8 9.7 49.7

66 37.6 15.9 55.9



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

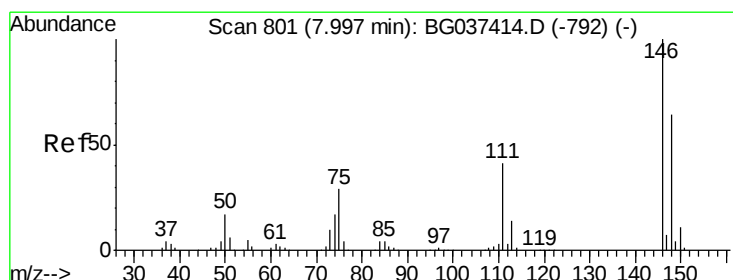
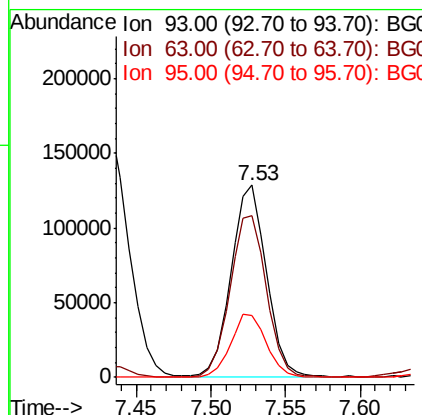
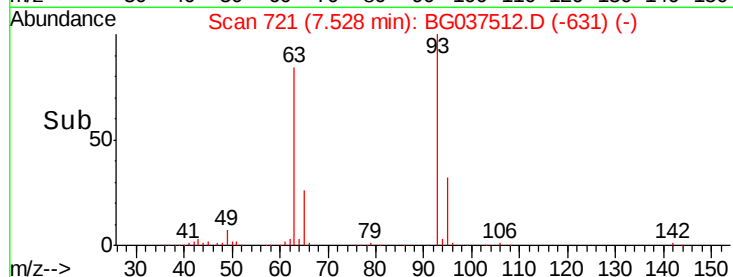
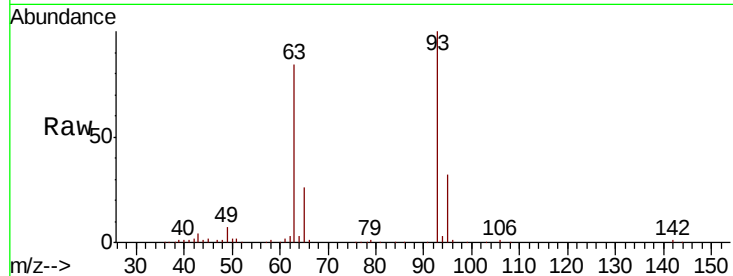




#11
bis(2-Chloroethyl)ether
Concen: 40.649 ng
RT: 7.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

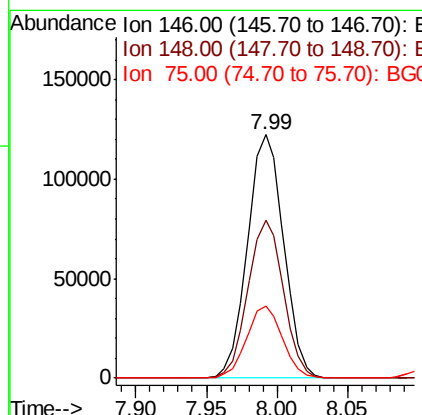
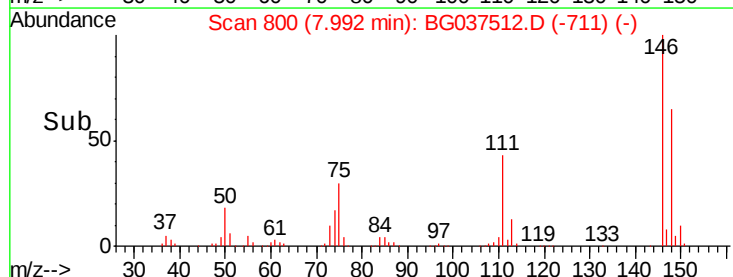
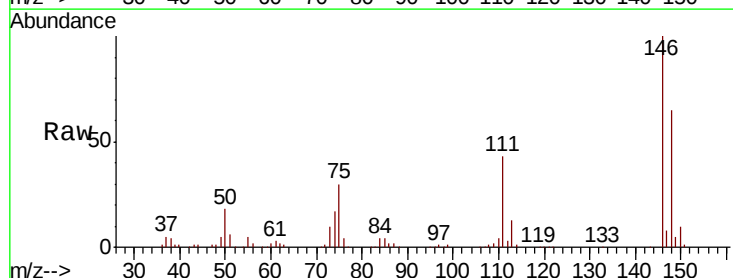
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 213545
Ion Ratio Lower Upper
93 100
63 83.9 69.5 109.5
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.888 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion: 146 Resp: 219572
Ion Ratio Lower Upper
146 100
148 64.6 49.8 74.8
75 29.5 23.2 34.8

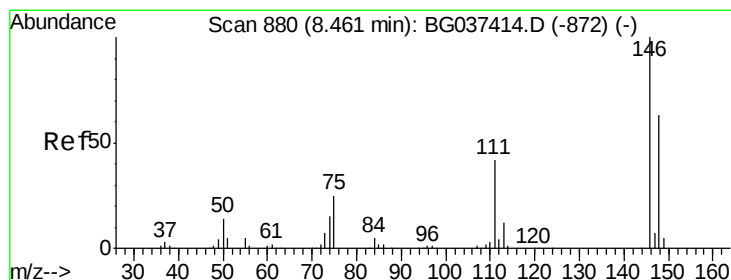
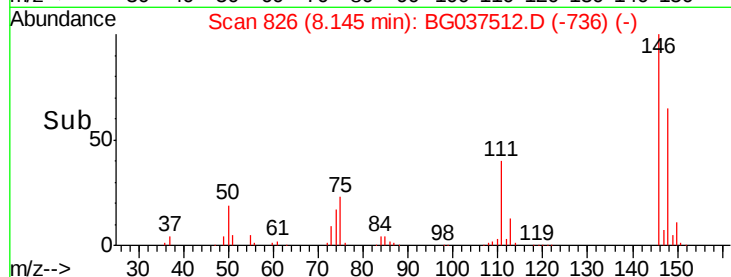
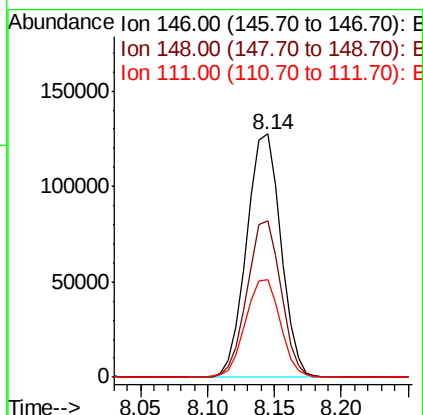
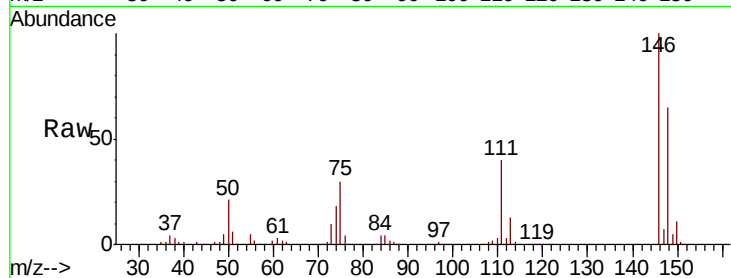




#13
 1,4-Dichlorobenzene
 Concen: 39.211 ng
 RT: 8.14 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

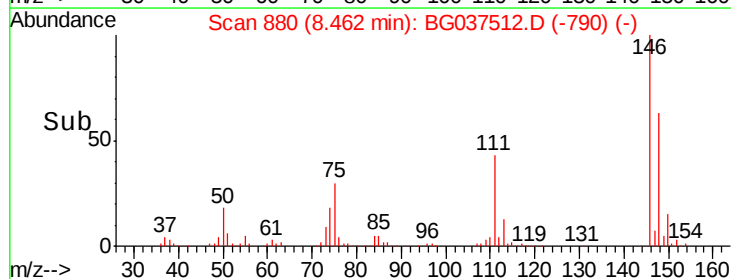
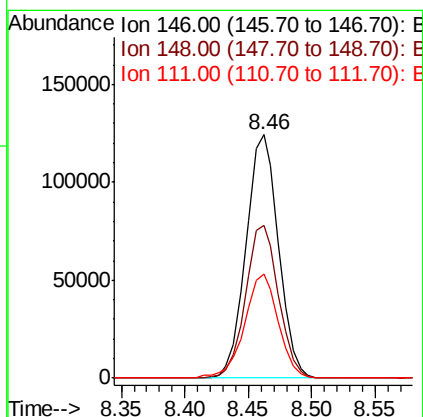
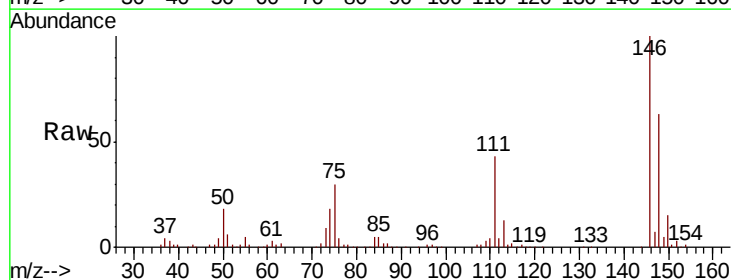
Instrument :
 BNA_G
 ClientSampleId :

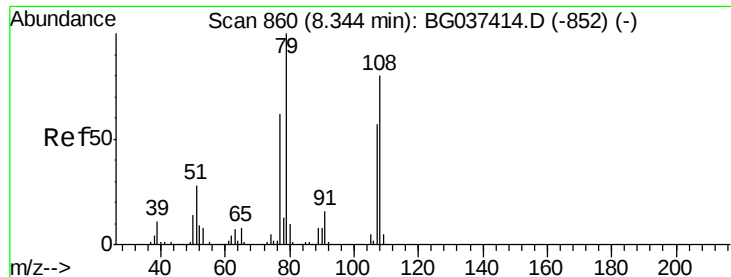
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	39.9	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.737 ng
 RT: 8.46 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.4	75.6
111	42.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 44.754 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

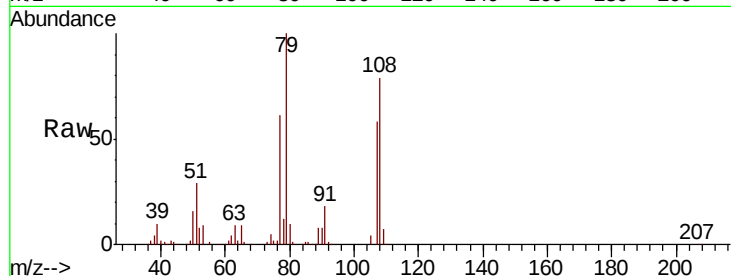
Tot Ion: 79 Resp: 216786

Ion Ratio Lower Upper

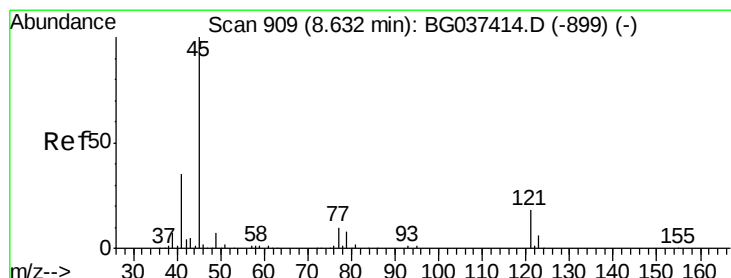
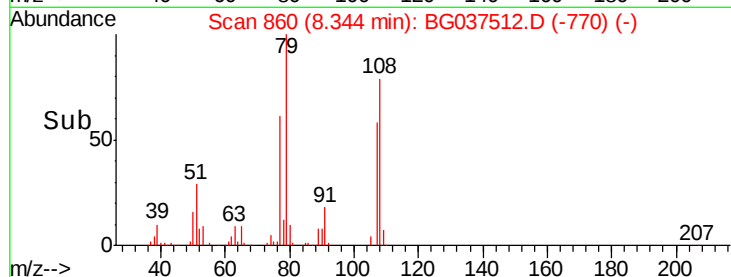
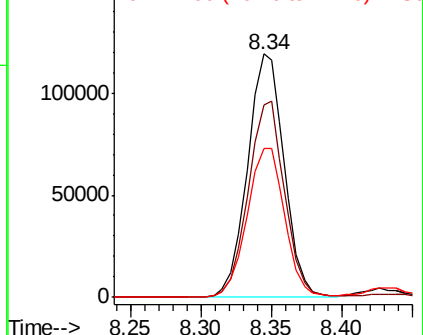
79 100

108 79.0 65.8 98.8

77 61.2 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: 42.446 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

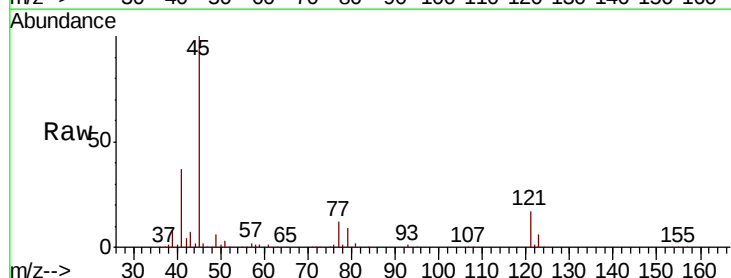
Tgt Ion: 45 Resp: 398985

Ion Ratio Lower Upper

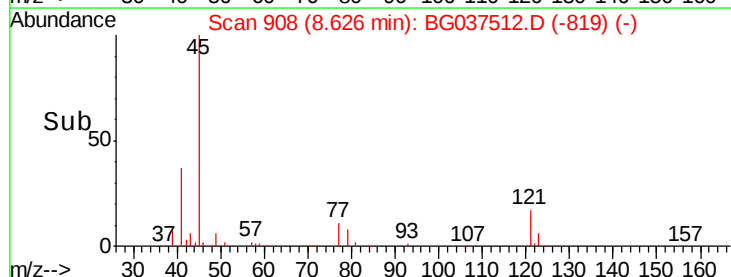
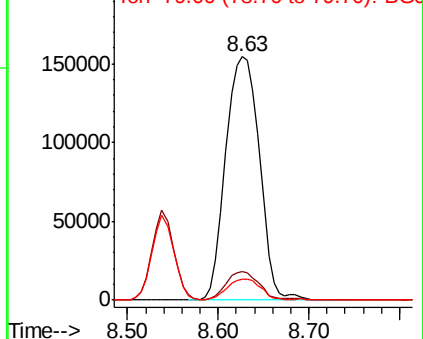
45 100

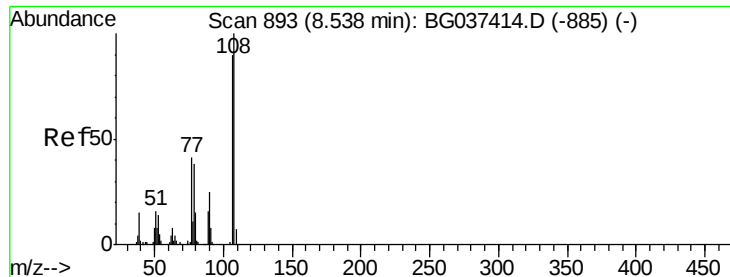
77 11.7 0.0 30.0

79 8.5 0.0 29.0



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





#17

2-Methylphenol

Concen: 47.141 ng

RT: 8.54 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 215574

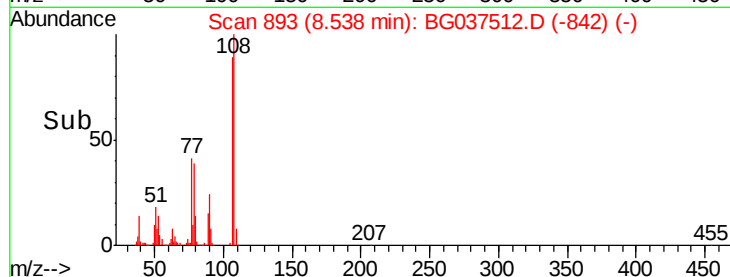
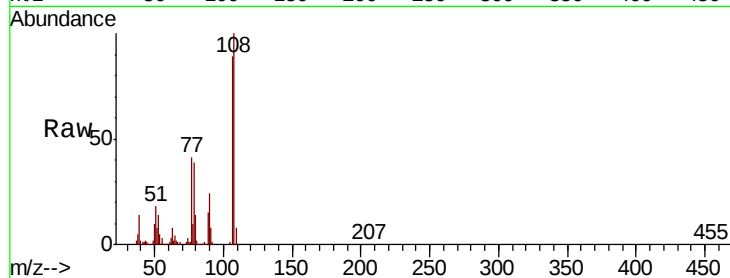
Ion Ratio Lower Upper

107 100

108 112.6 87.9 131.9

77 46.2 35.1 52.7

79 43.4 34.5 51.7



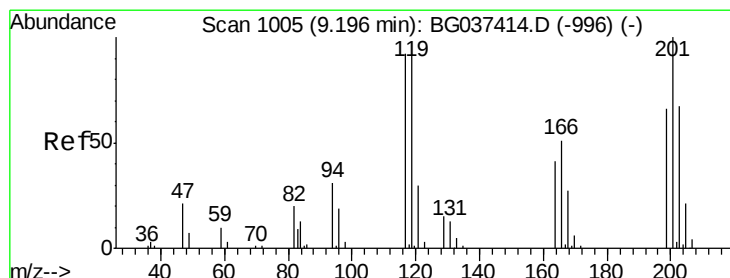
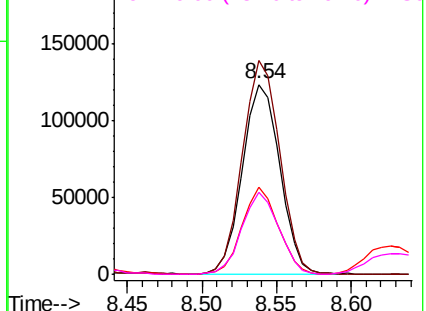
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.658 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

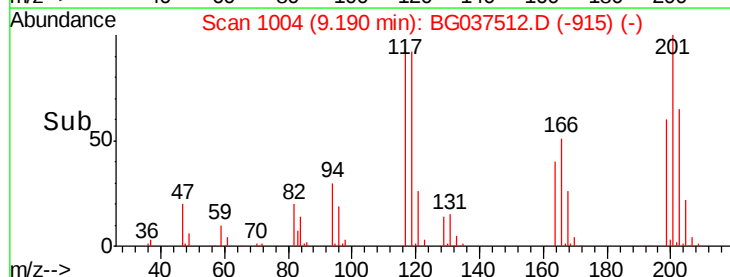
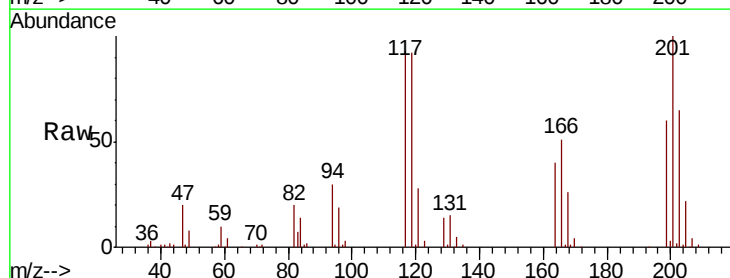
Tgt Ion:117 Resp: 82026

Ion Ratio Lower Upper

117 100

119 99.2 74.6 111.8

201 107.3 80.8 121.2

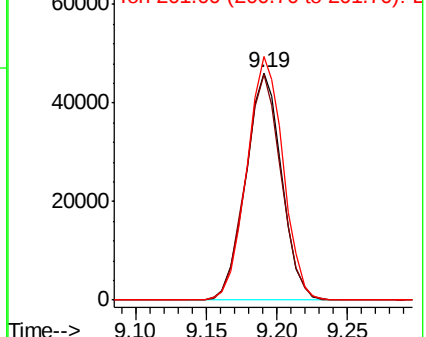


Abundance

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

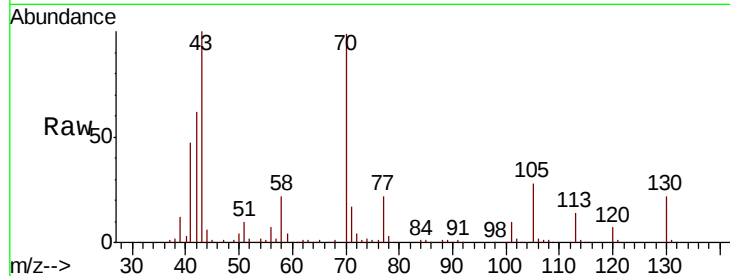




#19
n-Nitroso-di-n-propylamine
Concen: 40.445 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	182584
Ion	Ratio	Lower	Upper
70	100		
42	62.7	53.9	80.9
101	10.3	8.2	12.2
130	22.3	18.2	27.4



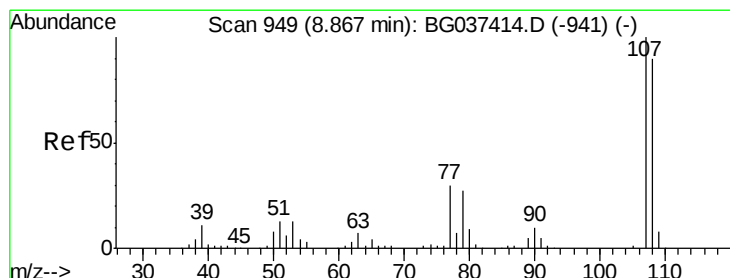
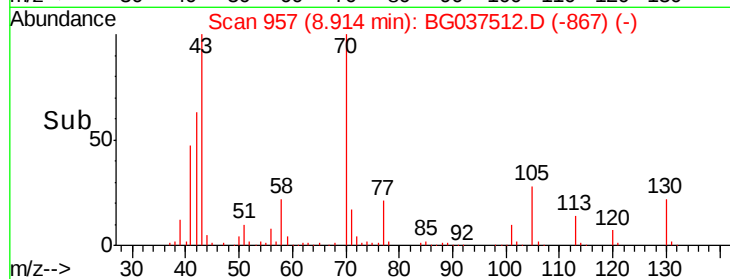
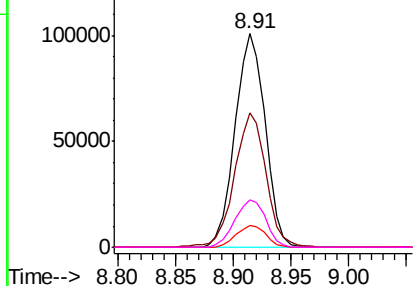
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

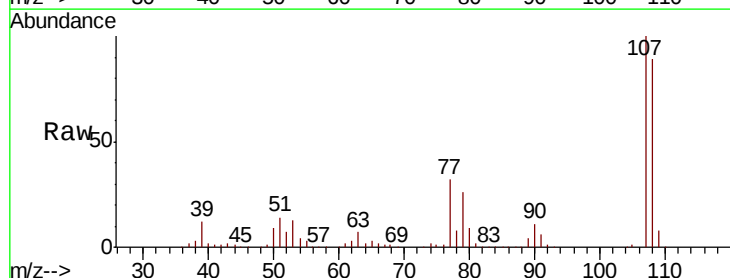
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.248 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:	107	Resp:	302375
Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.9	109.9
77	32.1	11.2	51.2
79	26.3	6.6	46.6



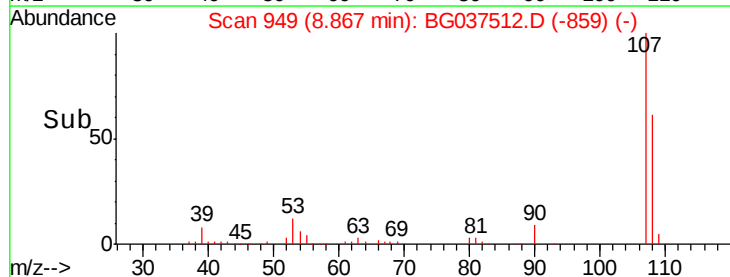
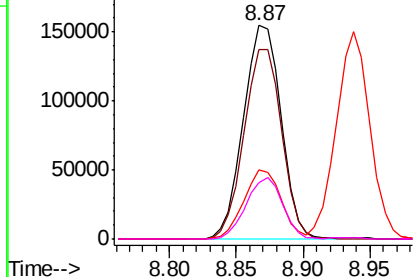
Abundance

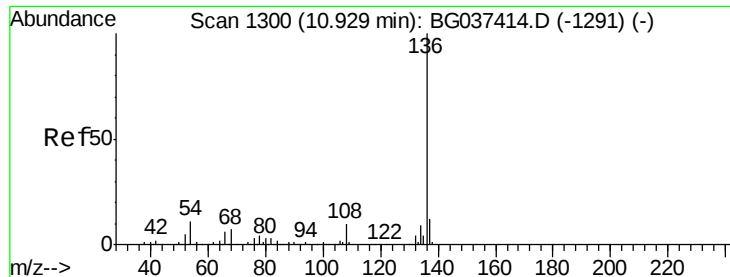
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

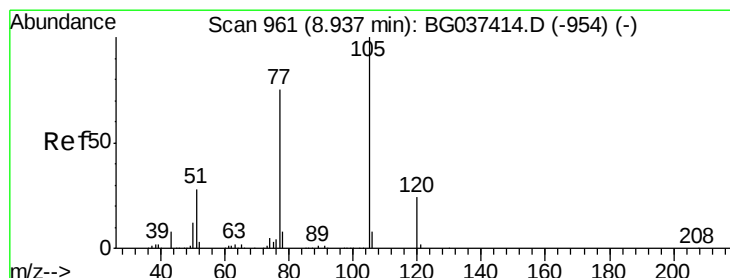
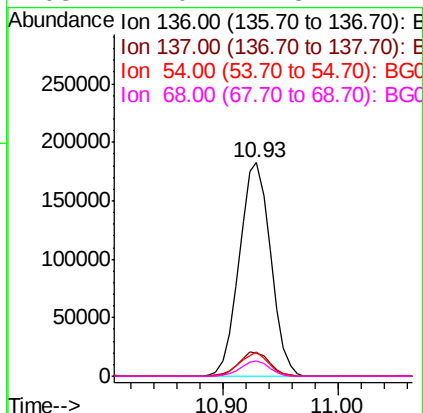
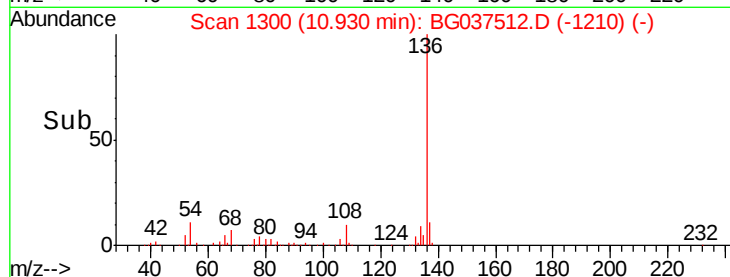
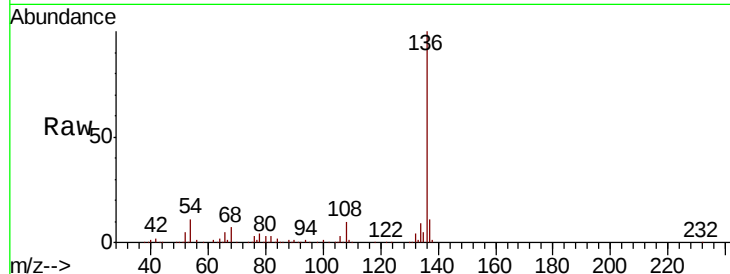




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

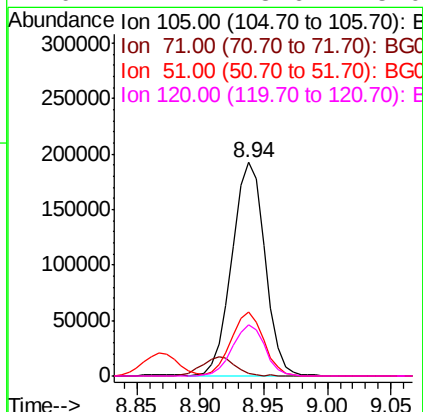
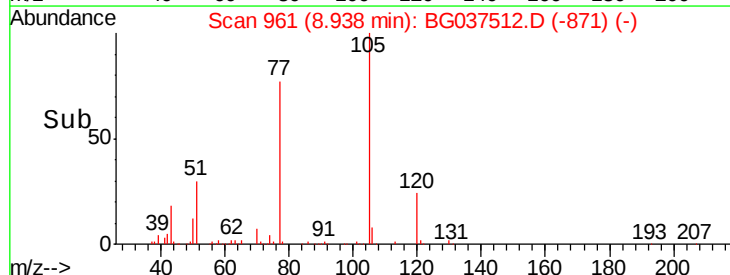
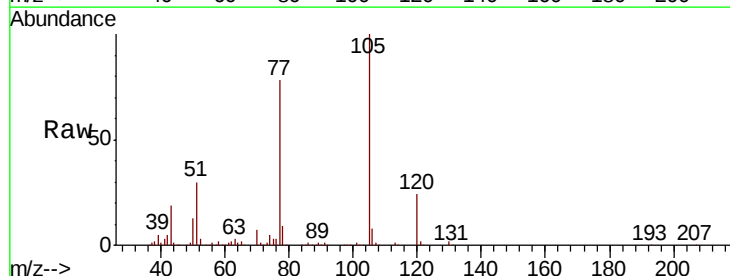
Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	344795
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.6	14.4
54 11.1	7.9	11.9
68 7.0	4.8	7.2



#22
Acetophenone
Concen: 39.998 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt	Ion:105	Resp:	345875
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8
51	30.3	25.0	37.6
120	24.2	18.6	28.0

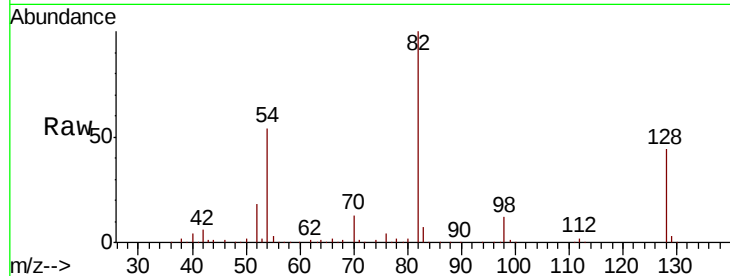




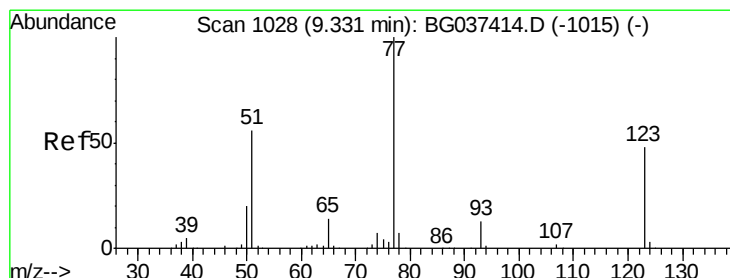
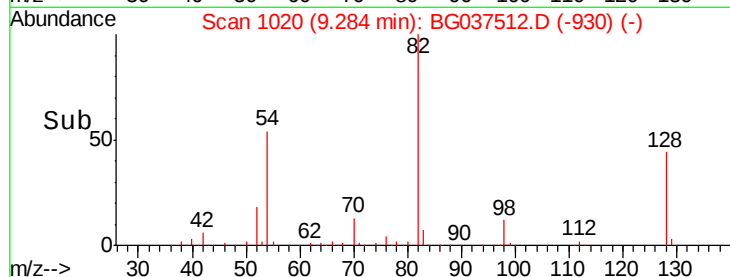
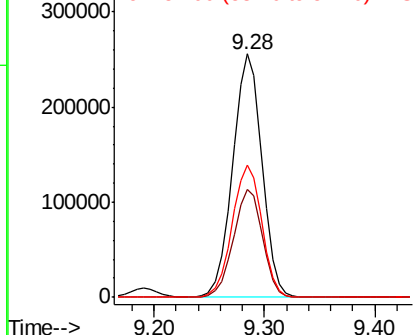
#23
 Nitrobenzene-d5
 Concen: 77.195 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	475134
Ion Ratio	100	Lower	Upper
128	44.3	34.6	51.8
54	54.3	45.3	67.9

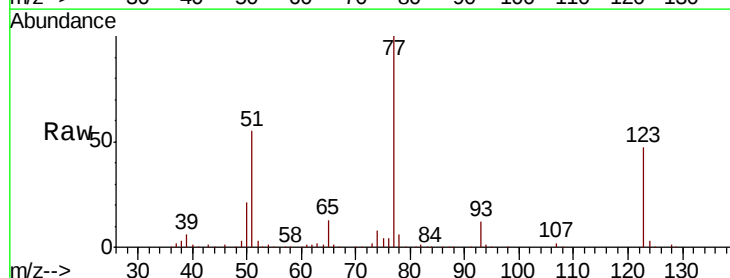


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

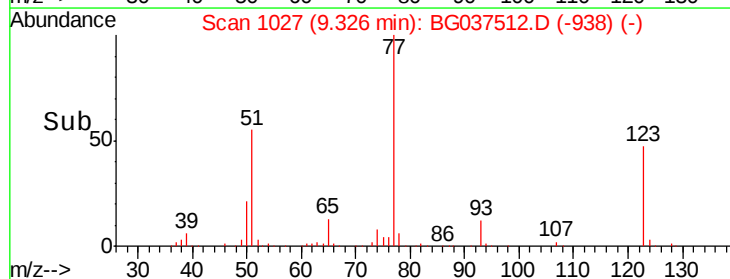
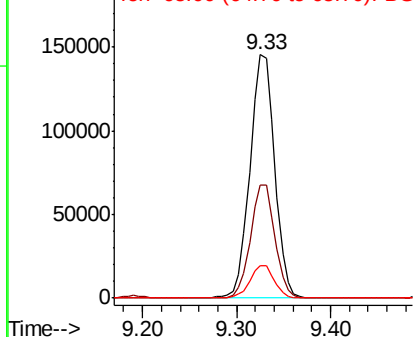


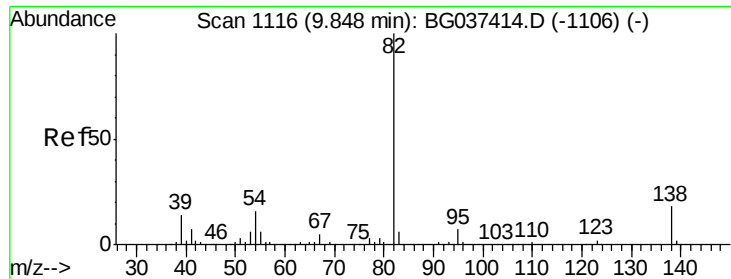
#24
 Nitrobenzene
 Concen: 41.466 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	77	Resp	265139
Ion Ratio	100	Lower	Upper
123	46.6	33.6	50.4
65	13.3	11.3	16.9



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





#25

Isophorone

Concen: 45.930 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

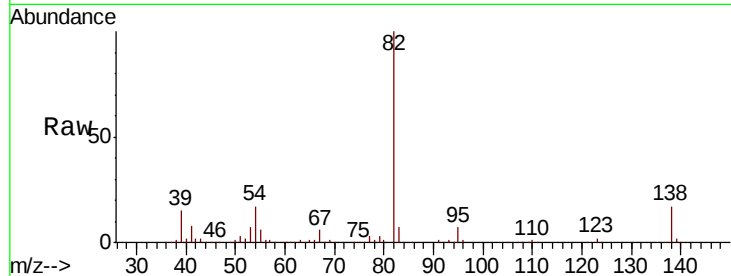
Tot Ion: 82 Resp: 516540

Ion Ratio Lower Upper

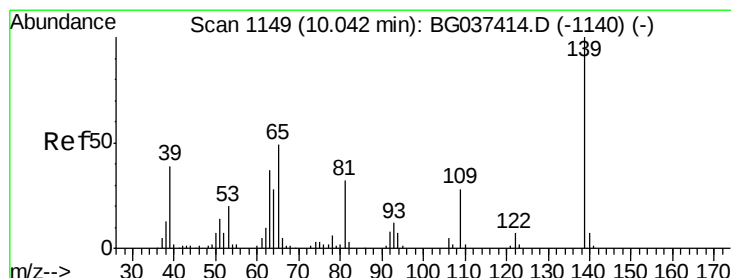
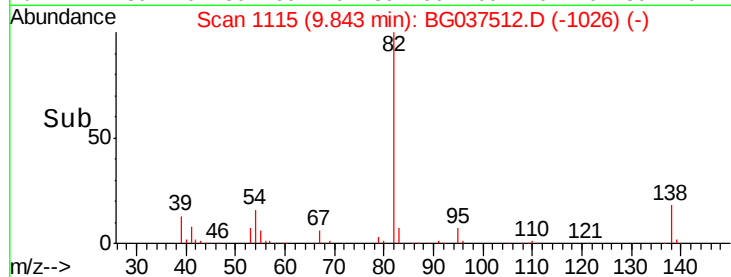
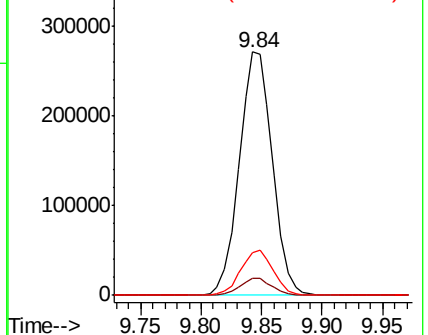
82 100

95 6.8 5.3 7.9

138 17.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 45.299 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

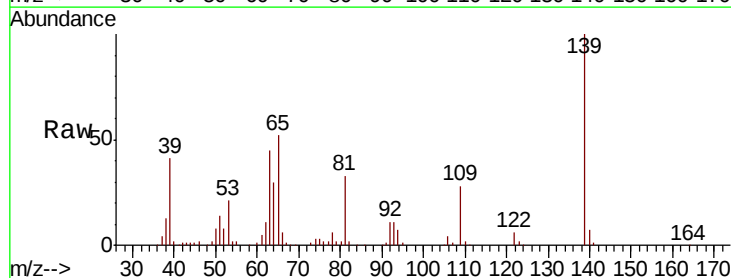
Tgt Ion: 139 Resp: 130484

Ion Ratio Lower Upper

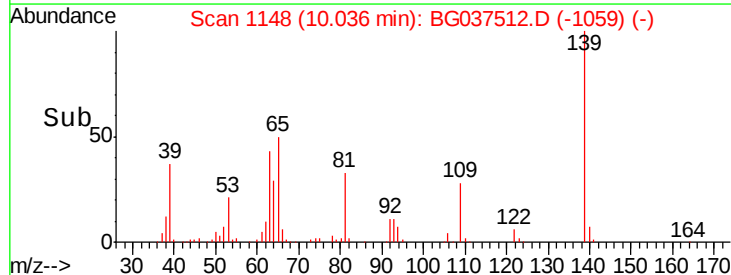
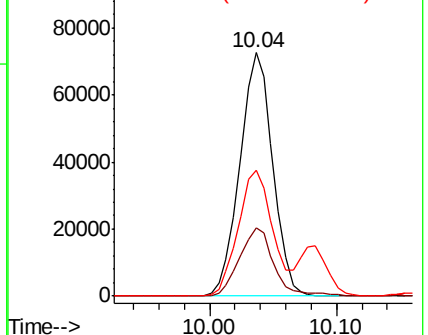
139 100

109 27.9 23.3 34.9

65 51.6 39.8 59.8



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

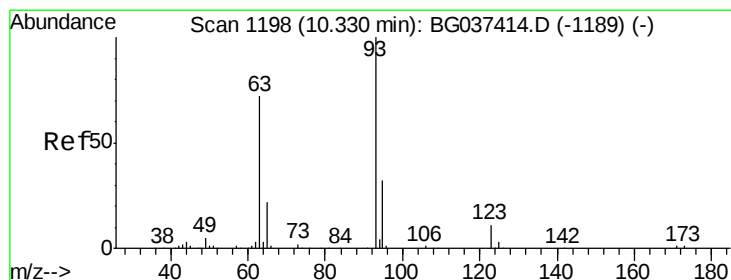
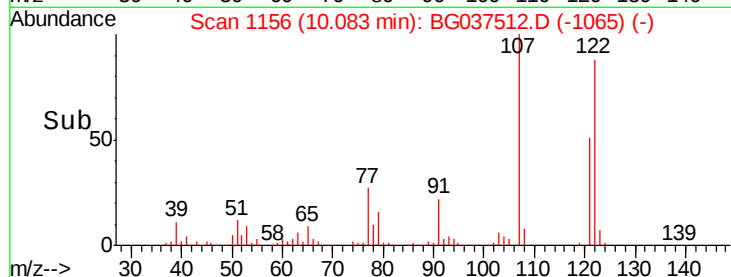
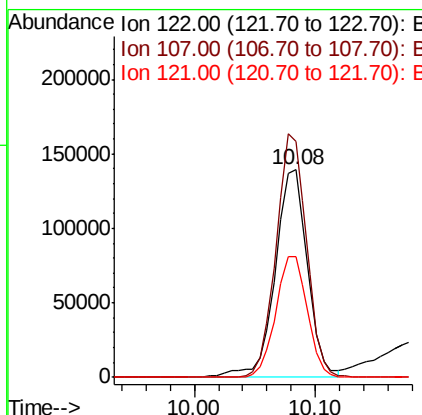
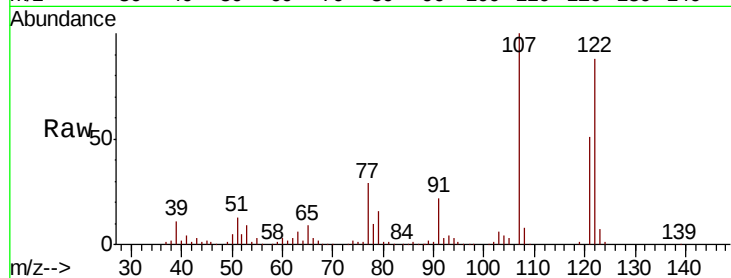




#27
 2,4-Dimethylphenol
 Concen: 49.981 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

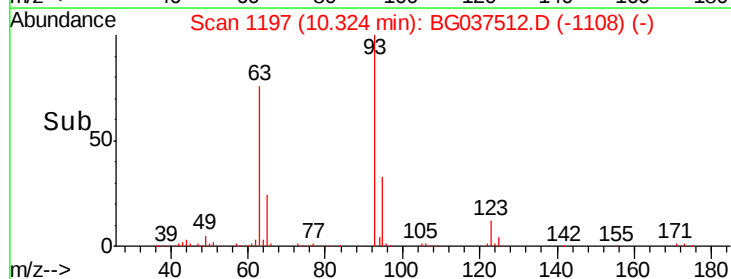
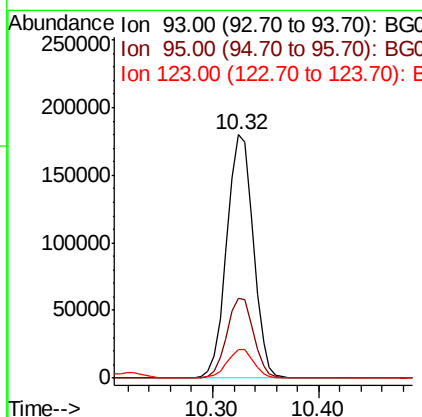
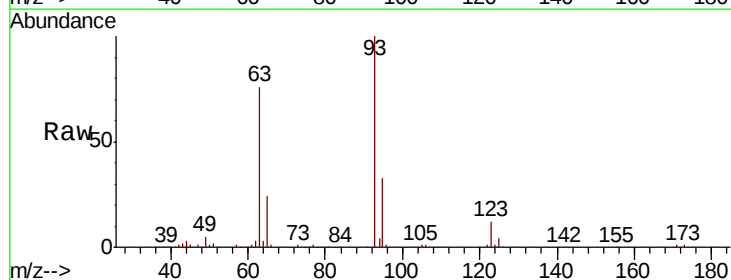
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 257055
 Ion Ratio Lower Upper
 122 100
 107 113.8 94.2 141.2
 121 58.2 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.442 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion: 93 Resp: 312723
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.6 37.0
 123 11.7 9.1 13.7

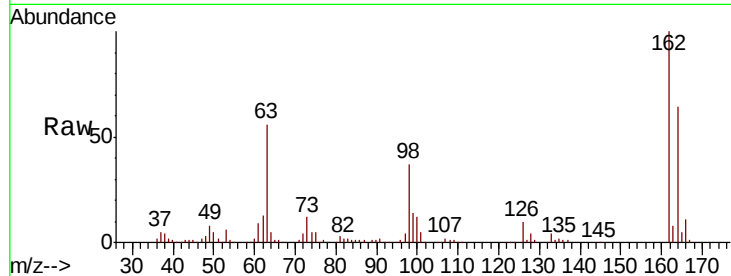




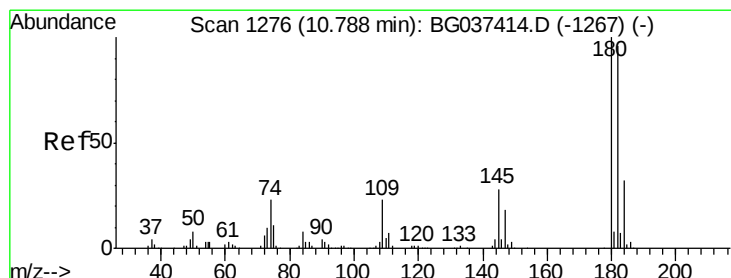
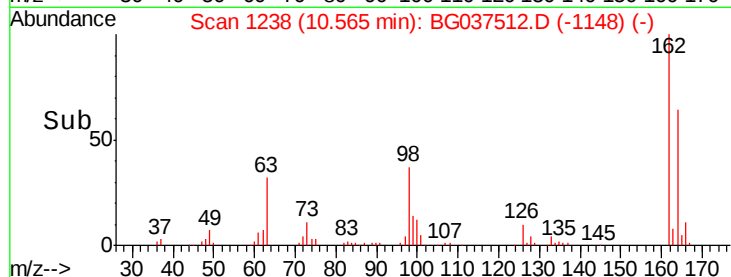
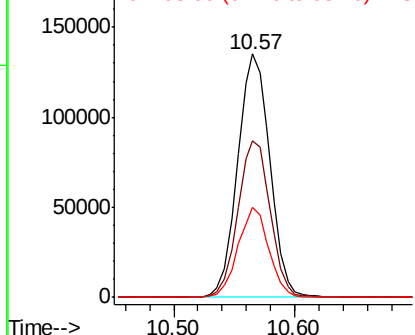
#29
2,4-Dichlorophenol
Concen: 43.915 ng
RT: 10.57 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 251469
Ion Ratio Lower Upper
162 100
164 64.4 43.2 83.2
98 37.1 16.0 56.0

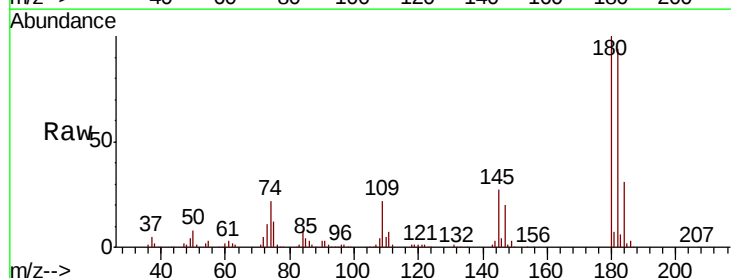


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

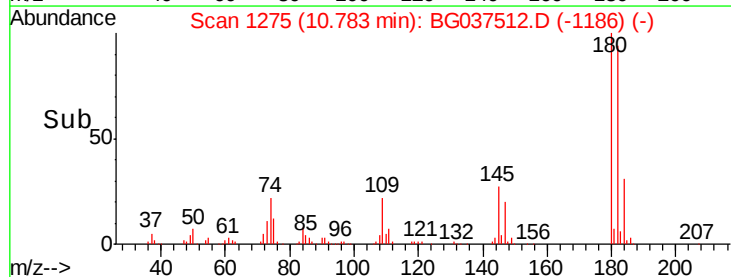
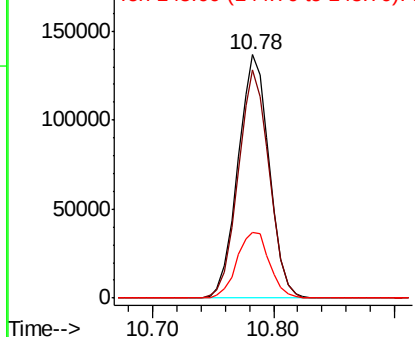


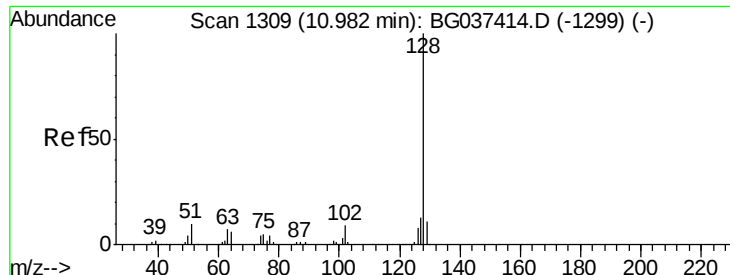
#30
1,2,4-Trichlorobenzene
Concen: 39.354 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:180 Resp: 245066
Ion Ratio Lower Upper
180 100
182 93.6 77.7 116.5
145 26.7 23.3 34.9



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

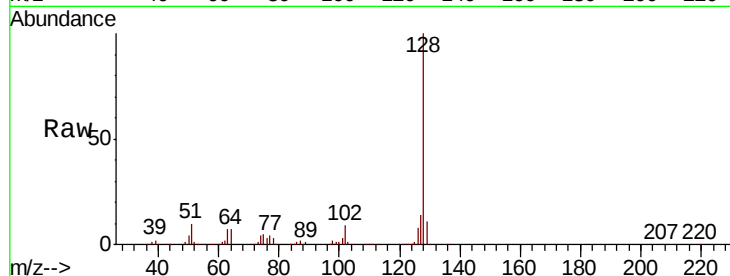




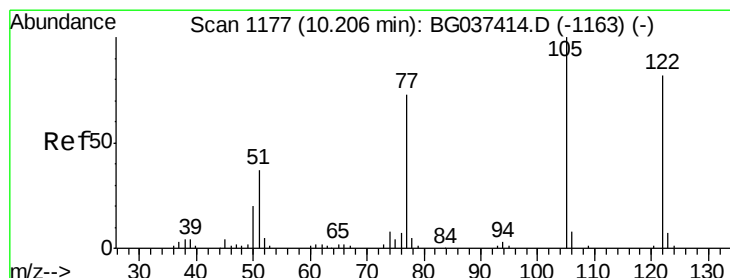
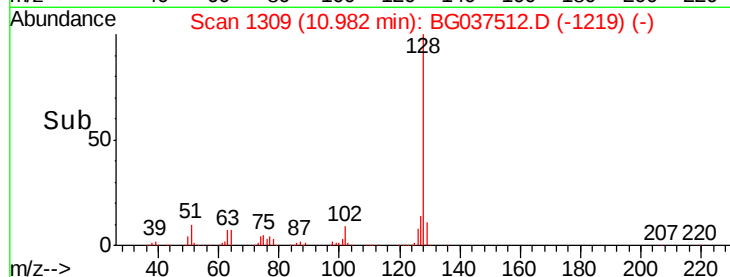
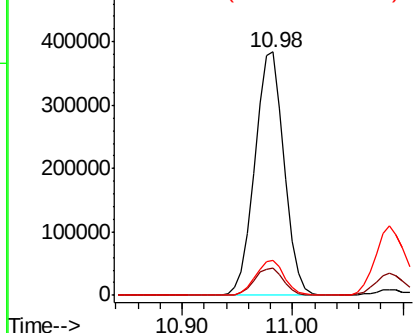
#31
Naphthalene
Concen: 42.158 ng
RT: 10.98 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 713961
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.2 11.1 16.7

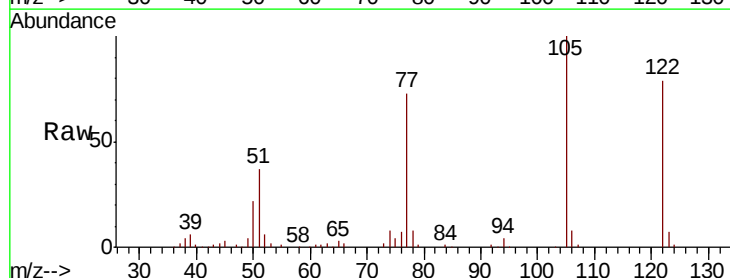


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

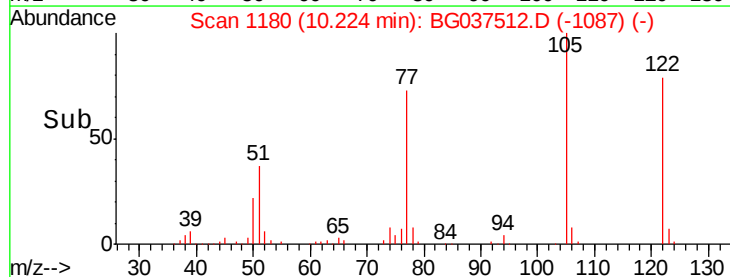
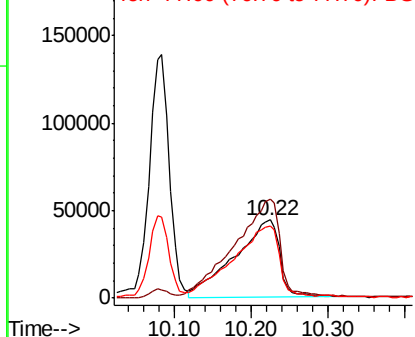


#32
Benzoic acid
Concen: 54.003 ng
RT: 10.22 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:122 Resp: 180395
Ion Ratio Lower Upper
122 100
105 126.3 106.7 146.7
77 92.3 72.2 112.2



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

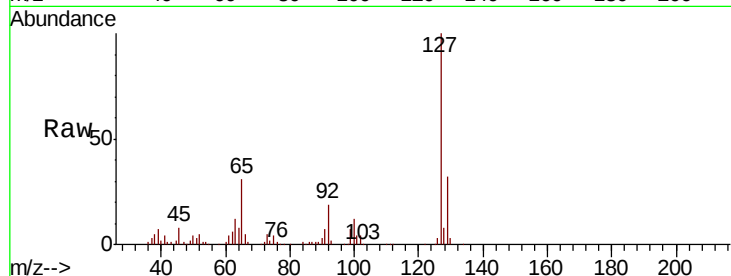




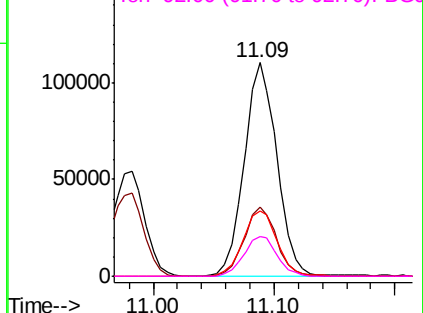
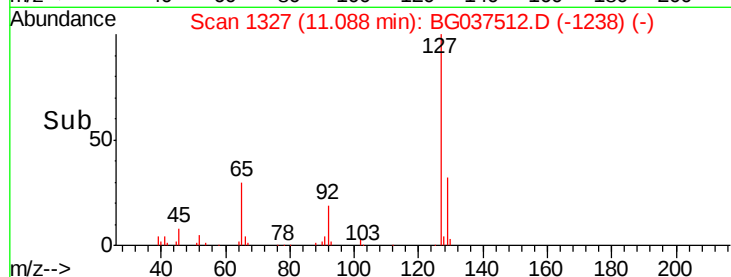
#33
4-Chloroaniline
Concen: 26.141 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	208010
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.1	40.7
65	30.8	26.6	39.8
92	18.8	16.4	24.6

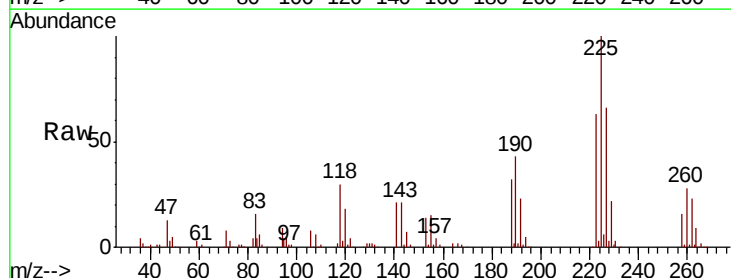


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

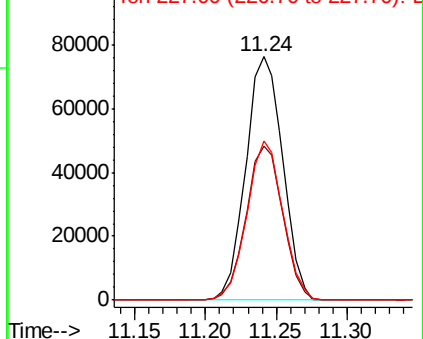
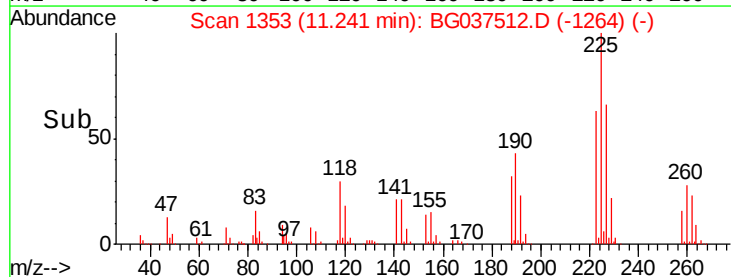


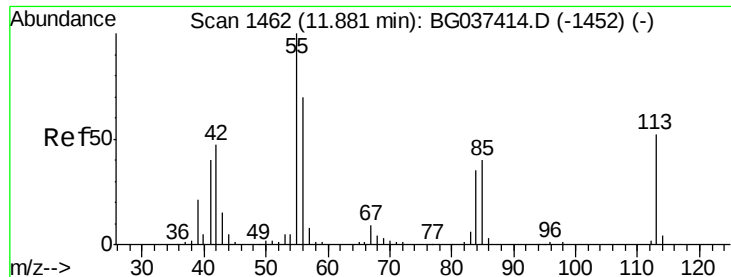
#34
Hexachlorobutadiene
Concen: 37.950 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:	225	Resp:	140062
Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.2	72.4
227	65.1	51.6	77.4



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





#35

Caprolactam

Concen: 28.588 ng

RT: 11.89 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

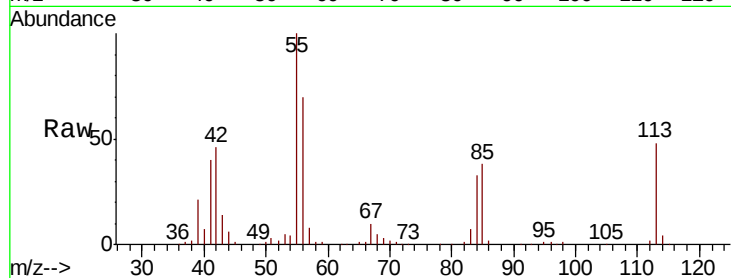
Tot Ion:113 Resp: 65655

Ion Ratio Lower Upper

113 100

55 207.5 176.6 216.6

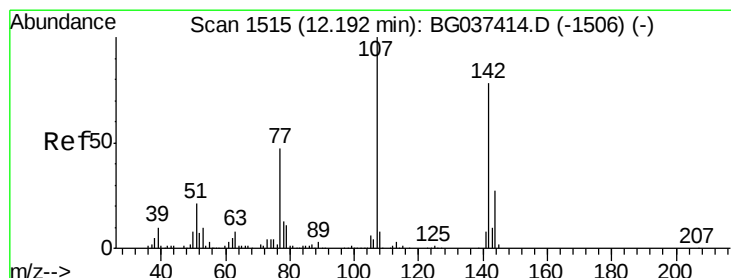
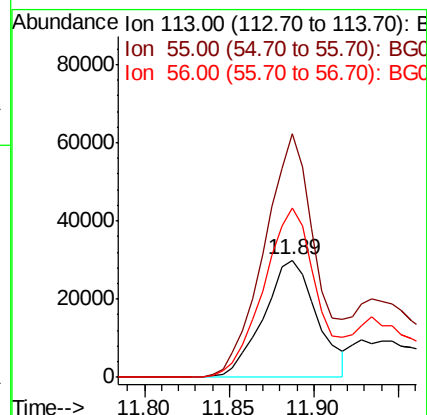
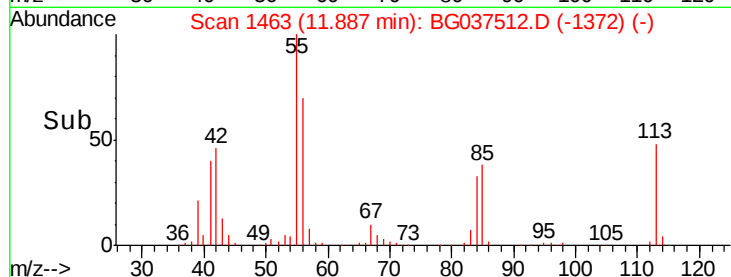
56 144.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.570 ng

RT: 12.19 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

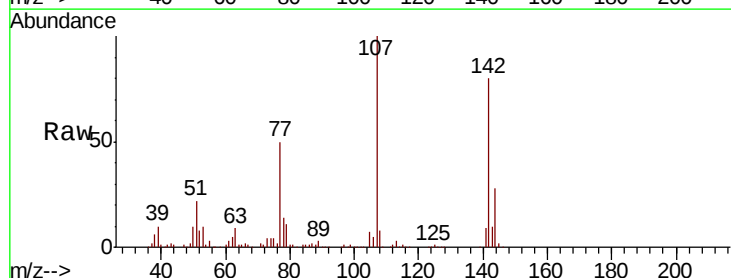
Tgt Ion:107 Resp: 281373

Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

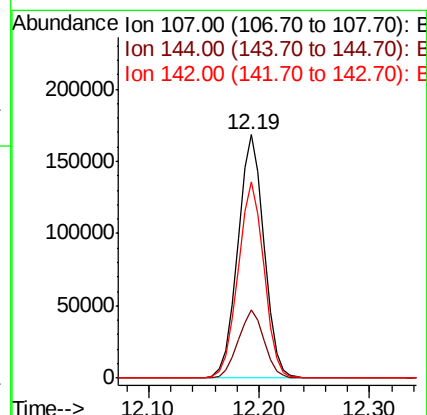
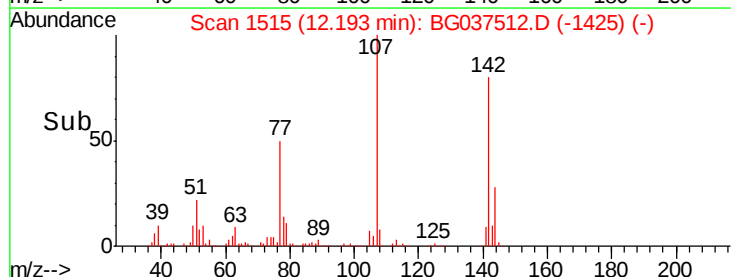
142 80.5 64.4 96.6

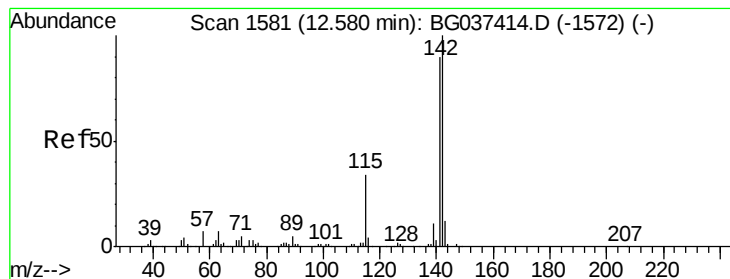


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.456 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

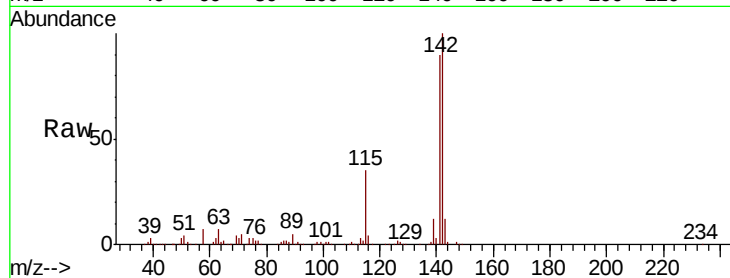
Tot Ion:142 Resp: 548822

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9

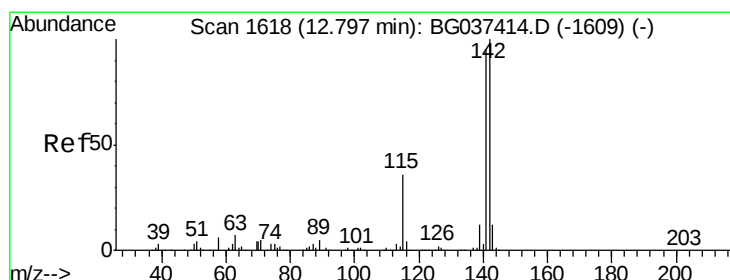
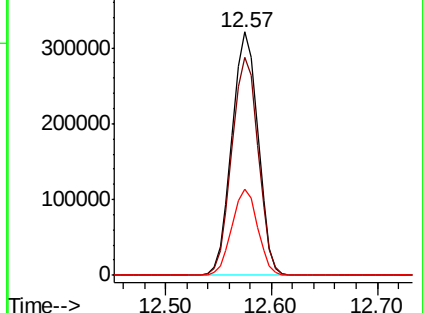
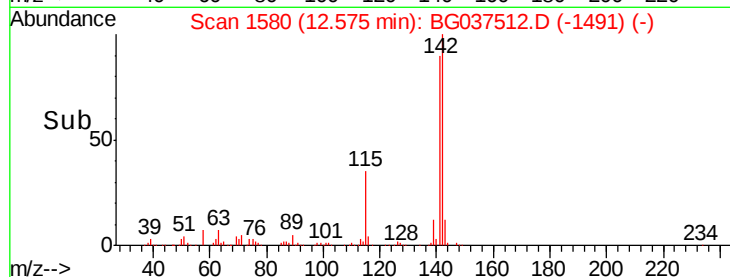
115 35.2 27.8 41.8



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: 43.341 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

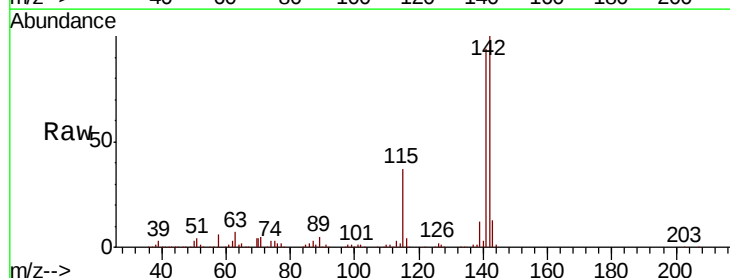
Tgt Ion:142 Resp: 519618

Ion Ratio Lower Upper

142 100

141 93.7 75.2 112.8

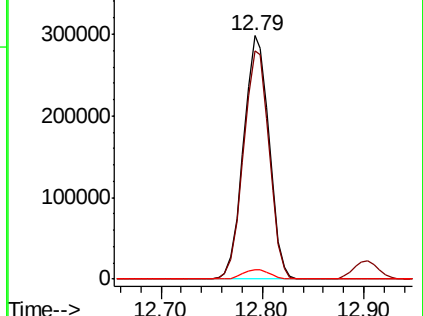
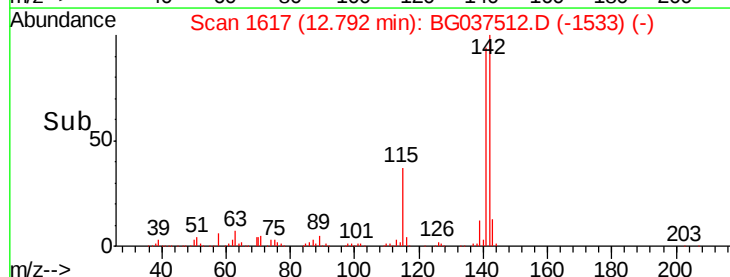
116 3.8 3.3 4.9

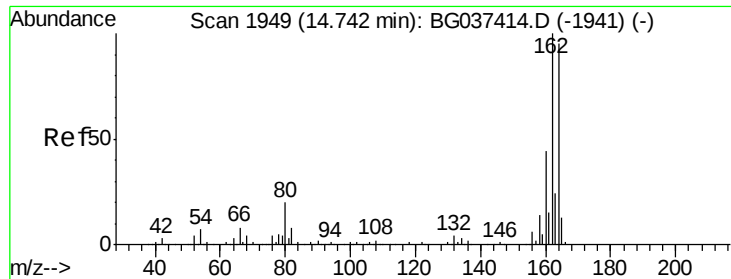


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

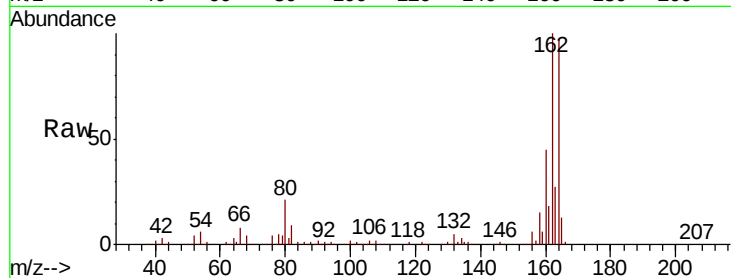
Tot Ion:164 Resp: 228415

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

160 46.9 36.3 54.5

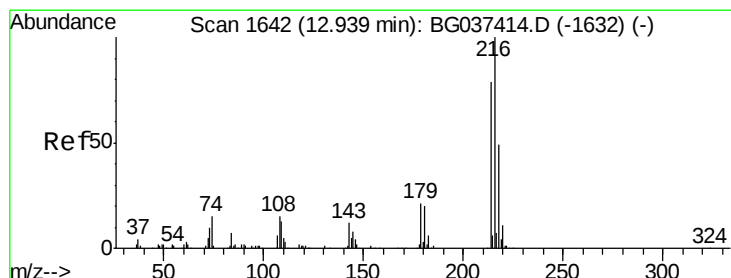
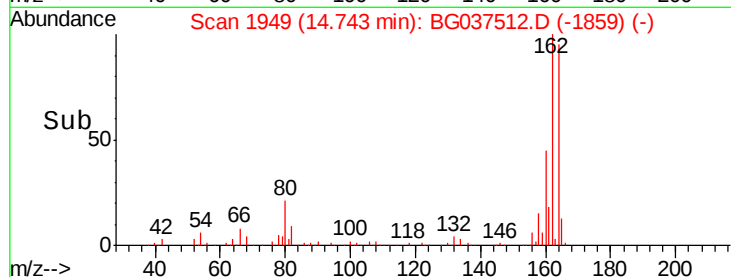
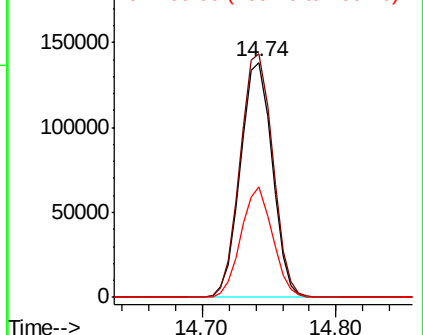


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.081 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:216 Resp: 280570

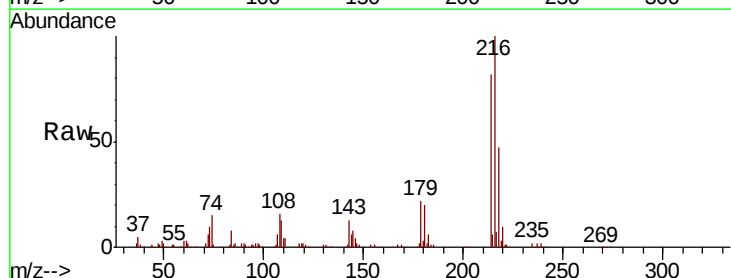
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.0 17.4 26.0

108 19.4 13.9 20.9



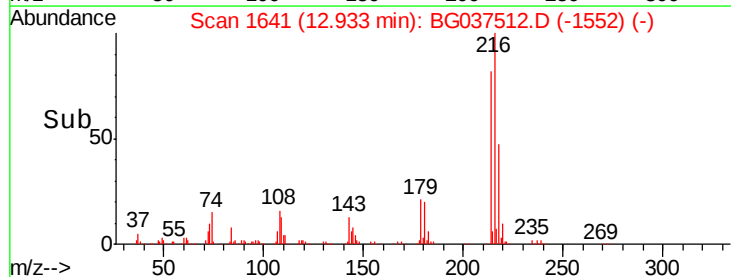
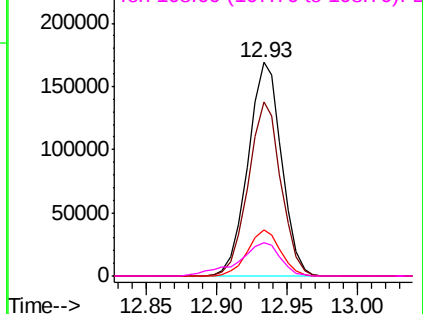
Abundance

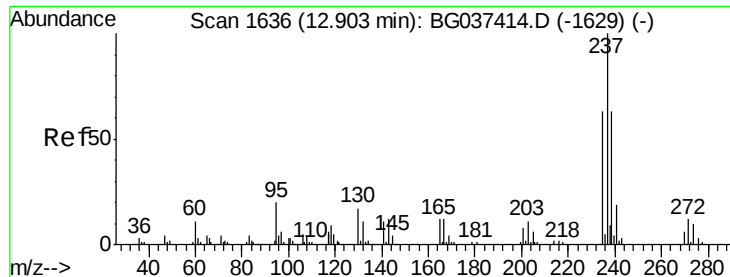
Ion 216.00 (215.70 to 216.70): E

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: 92.090 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

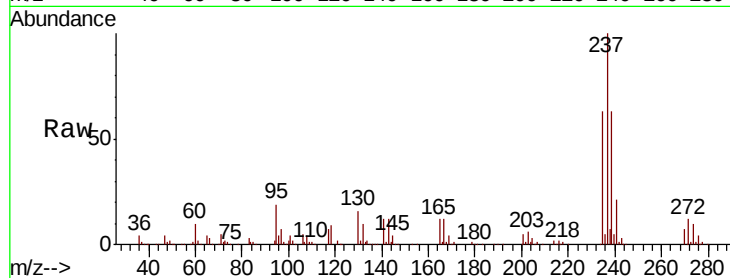
Tot Ion:237 Resp: 324096

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

272 11.6 0.0 31.6

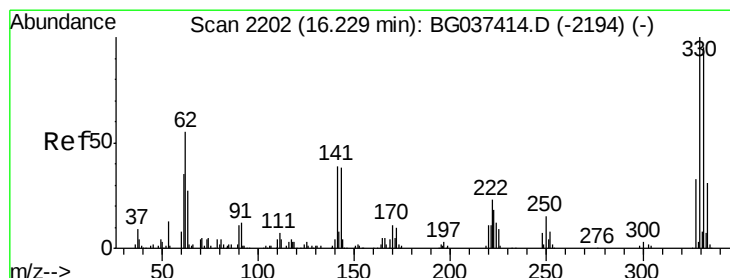
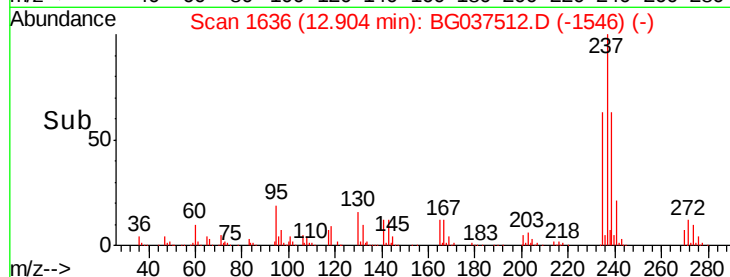
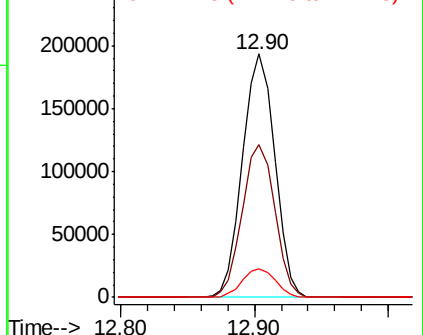


Abundance

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: 134.695 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

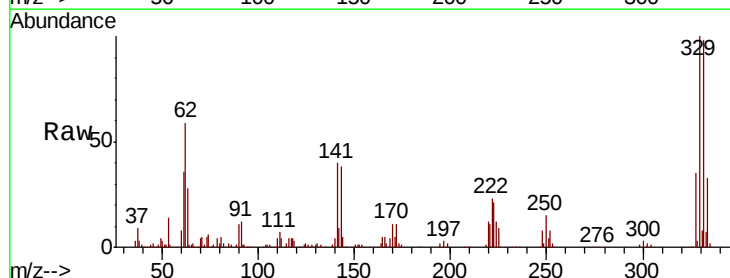
Tgt Ion:330 Resp: 335565

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

141 39.7 32.2 48.2

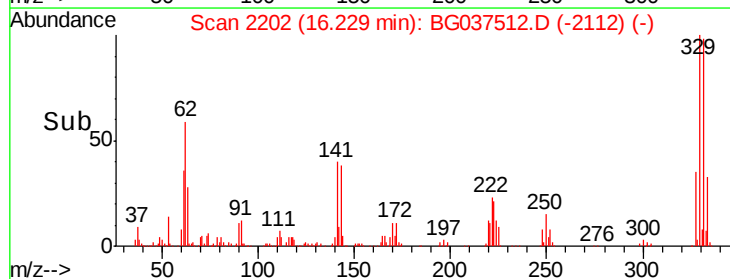
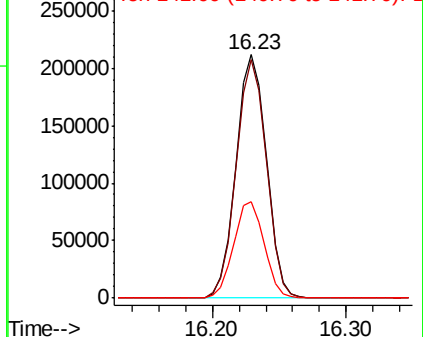


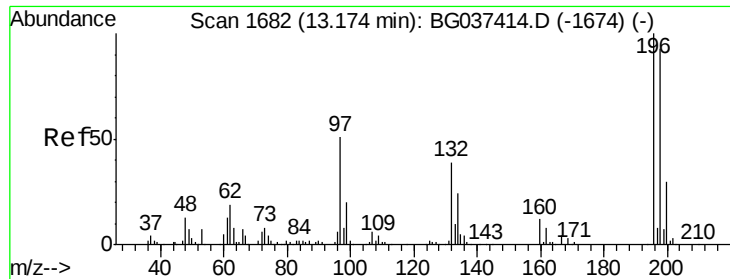
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

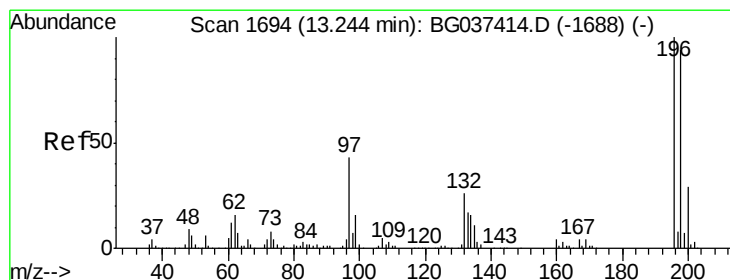
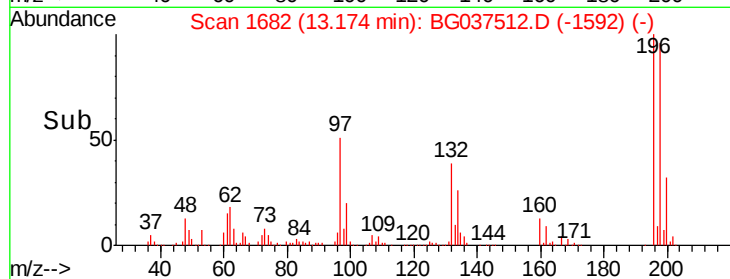
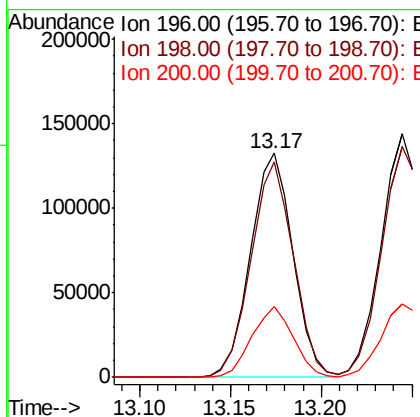
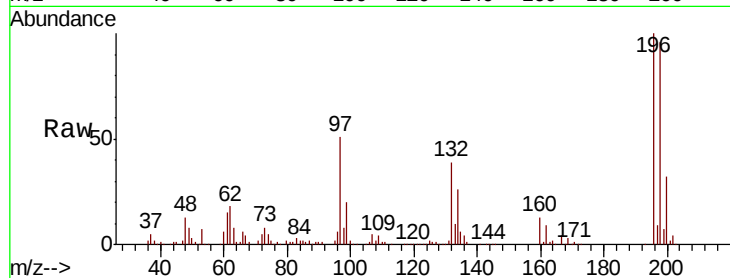




#43
 2,4,6-Trichlorophenol
 Concen: 43.855 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

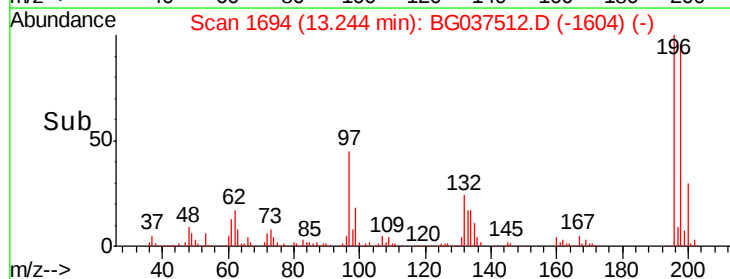
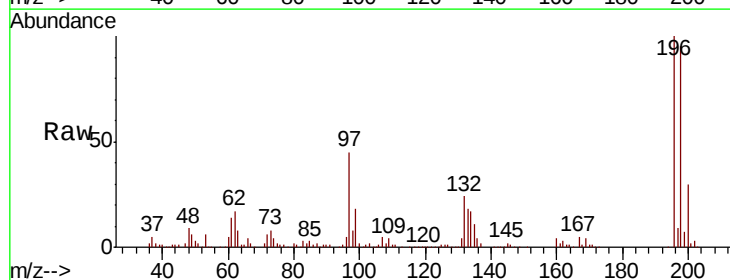
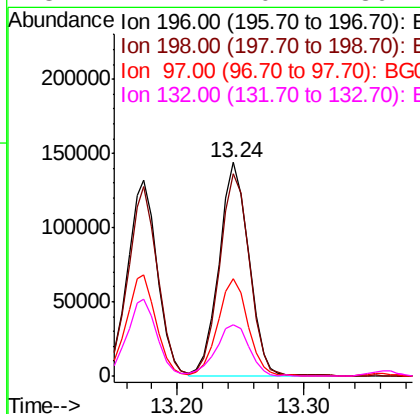
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.4	114.6
200	31.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.841 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.2
97	45.4	34.1	51.1
132	24.2	20.2	30.4



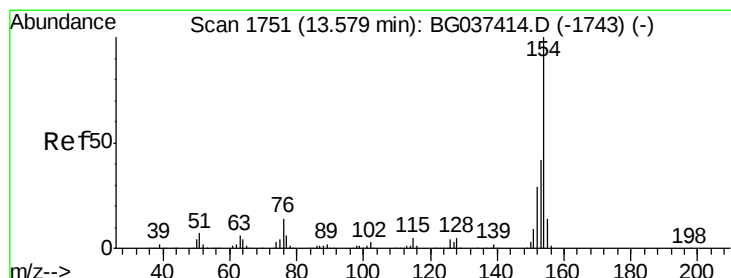
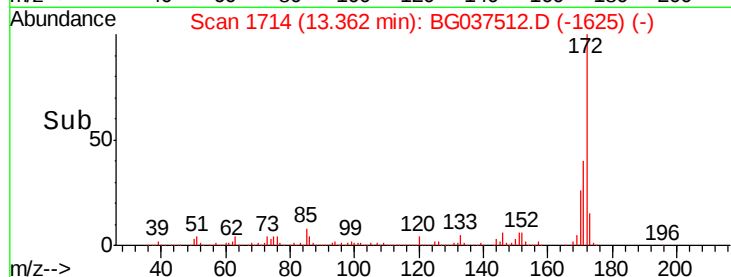
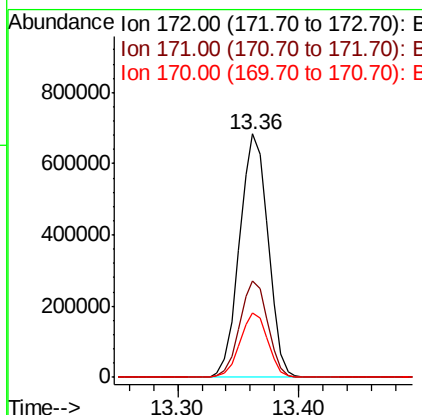
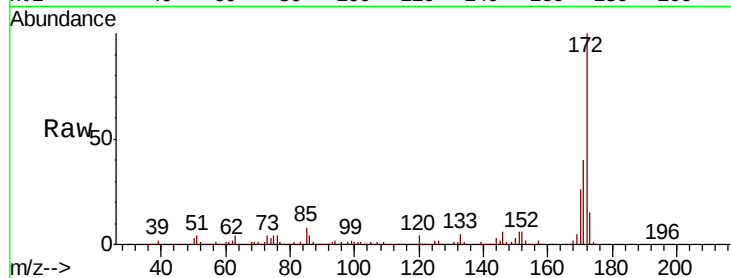


#45
 2-Fluorobiphenyl
 Concen: 74.419 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1127263

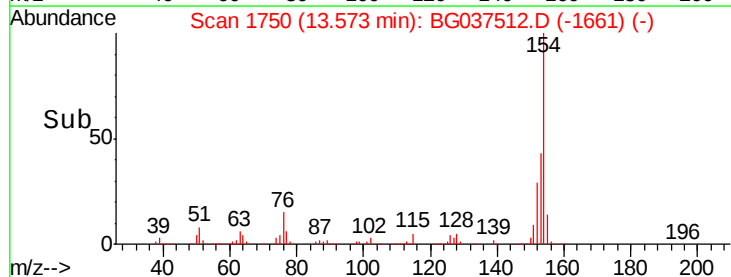
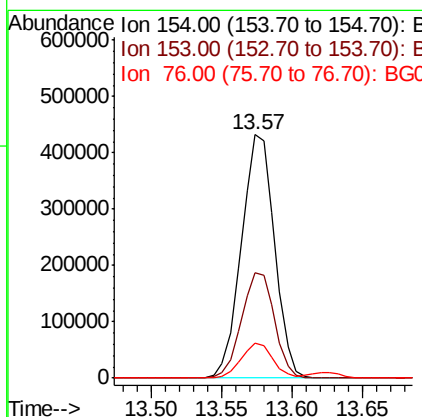
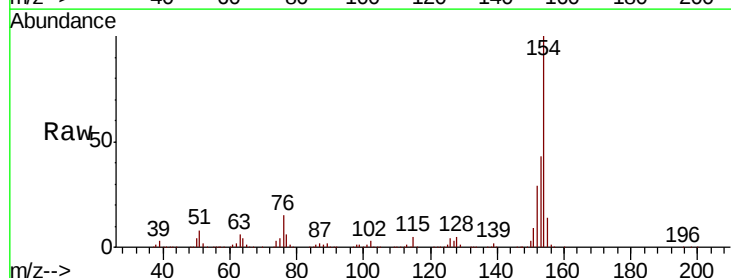
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	26.5	20.2	30.2

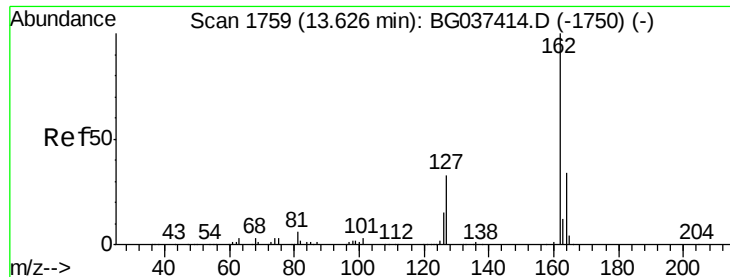


#46
 1,1'-Biphenyl
 Concen: 37.498 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:154 Resp: 709337

Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.1	62.1
76	14.6	0.0	33.2

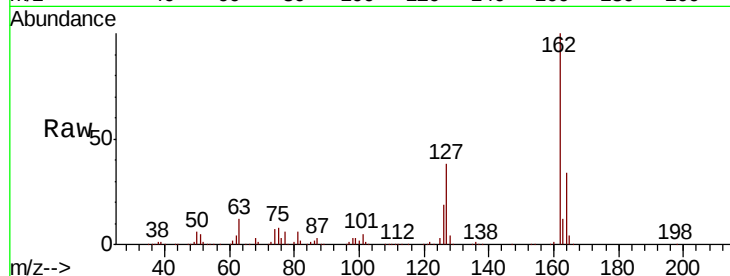




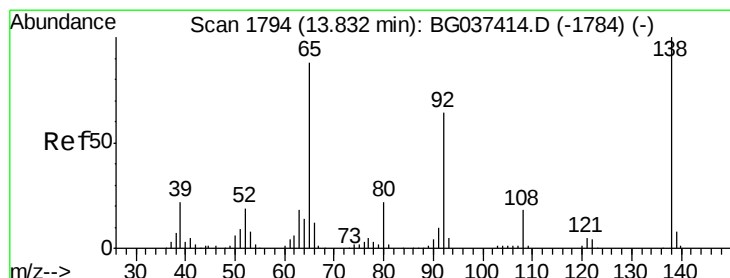
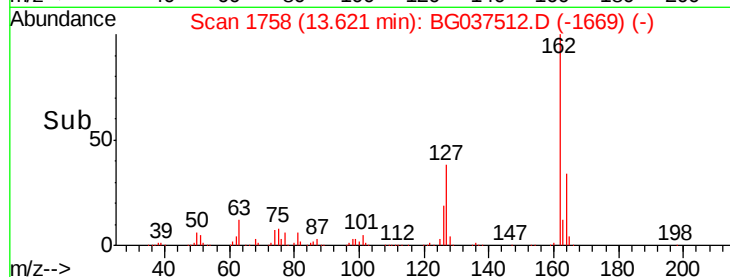
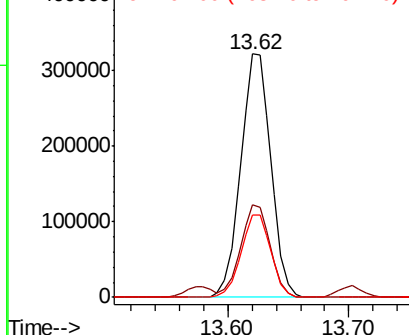
#47
 2-Chloronaphthalene
 Concen: 39.031 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	33.9	26.4	39.6

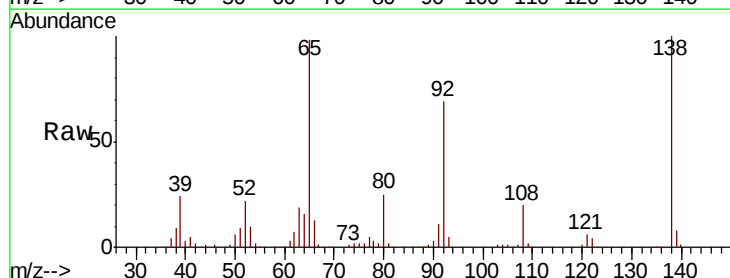


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

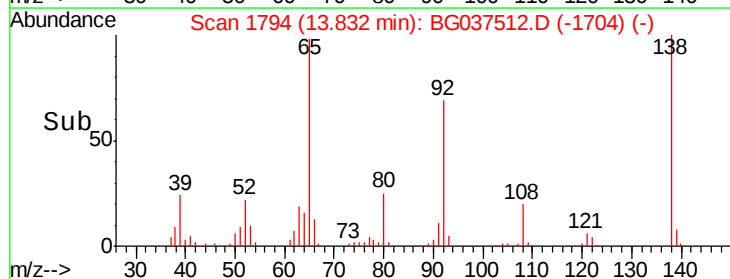
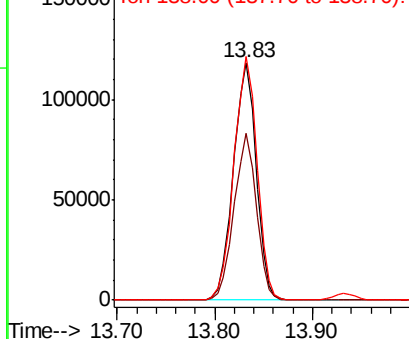


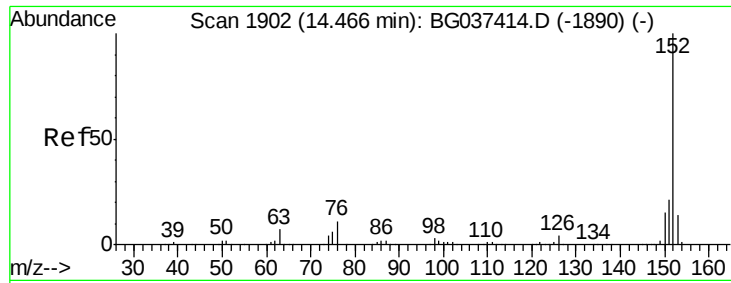
#48
 2-Nitroaniline
 Concen: 44.603 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.2	79.8
138	102.5	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.818 ng

RT: 14.47 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

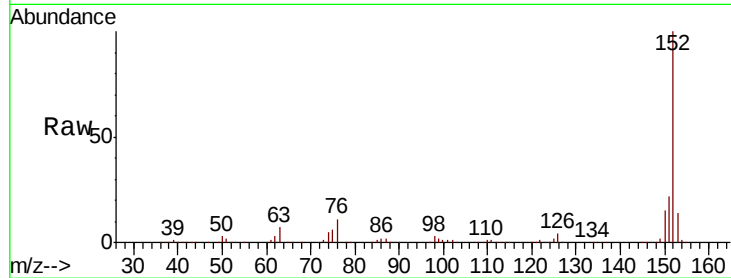
Tot Ion:152 Resp: 921792

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

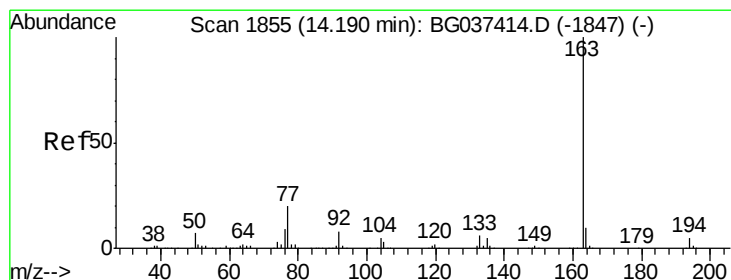
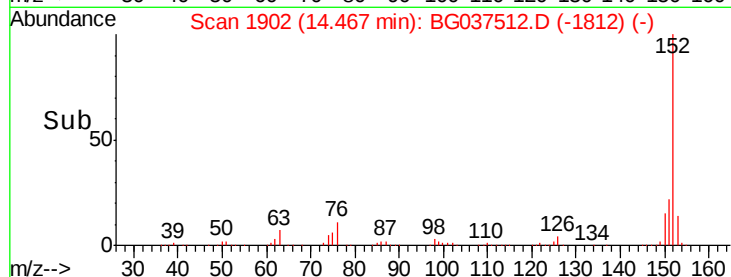
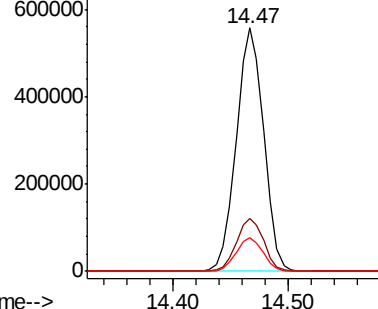
153 13.9 11.1 16.7



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: 41.749 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

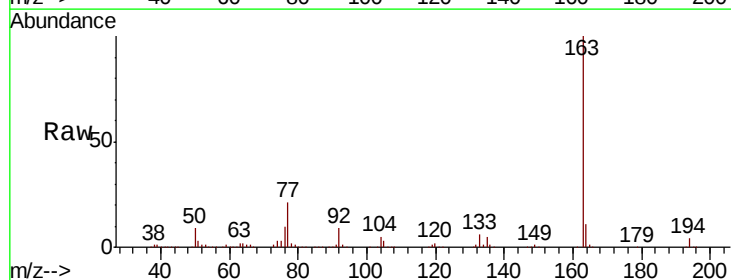
Tgt Ion:163 Resp: 737738

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

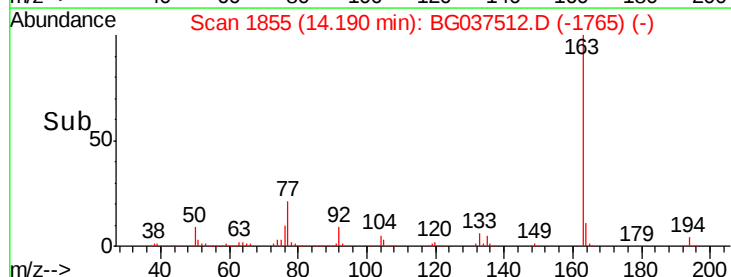
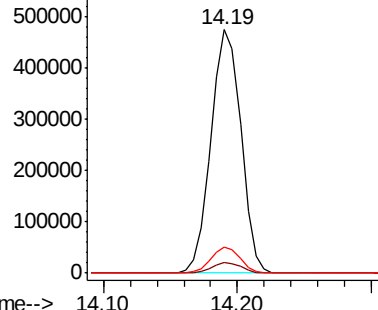
164 10.9 8.5 12.7

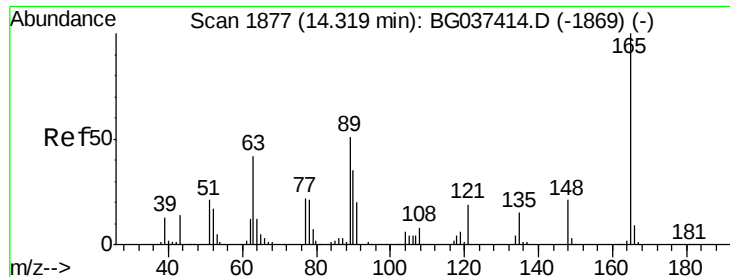


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

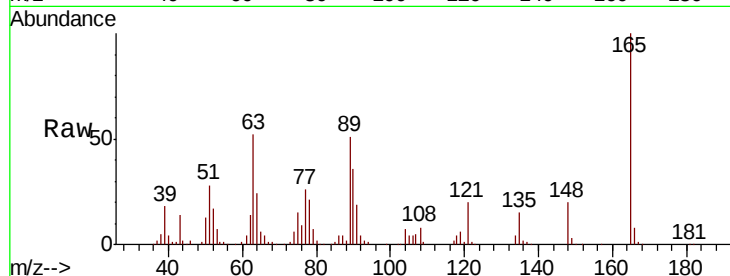




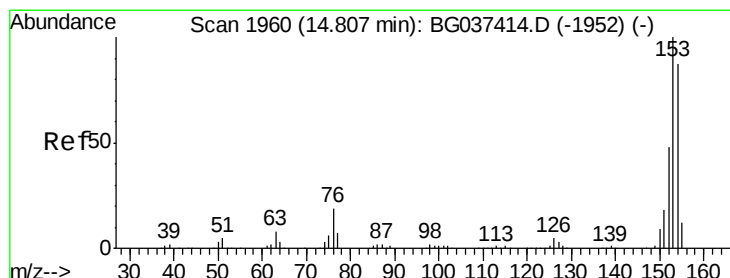
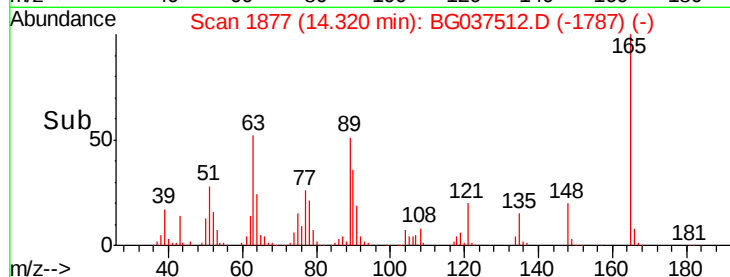
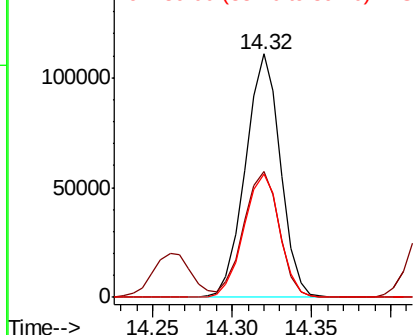
#51
 2,6-Dinitrotoluene
 Concen: 43.435 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	43.4	65.2
89	50.7	45.8	68.6

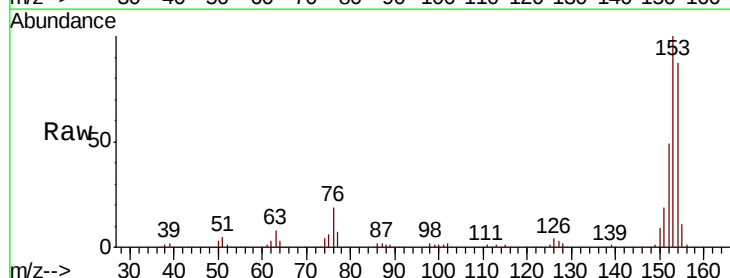


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

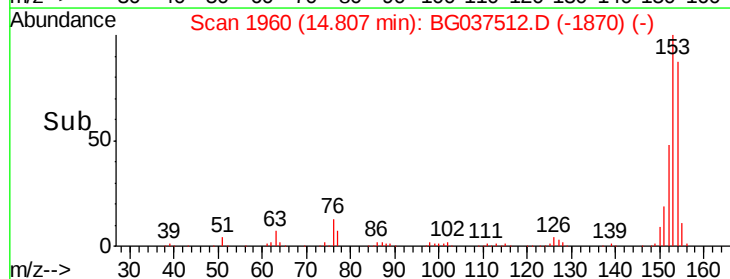
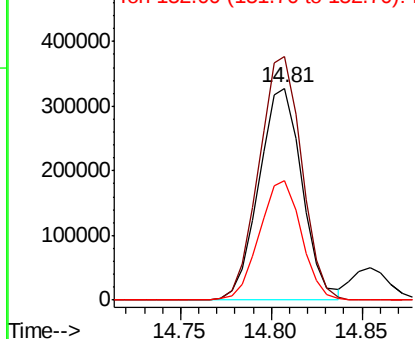


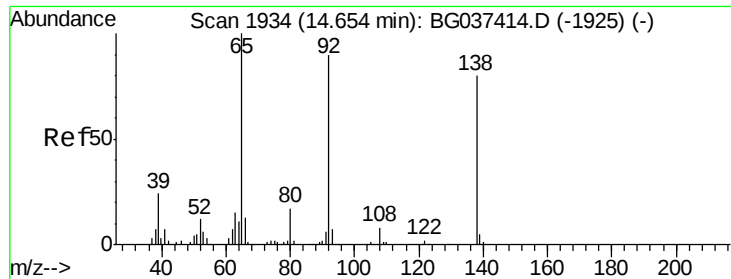
#52
 Acenaphthene
 Concen: 40.876 ng
 RT: 14.81 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.4	140.0
152	56.3	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

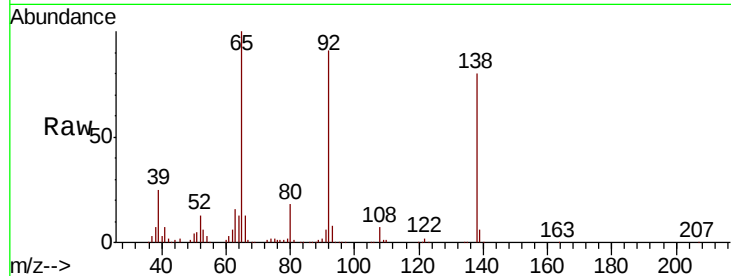




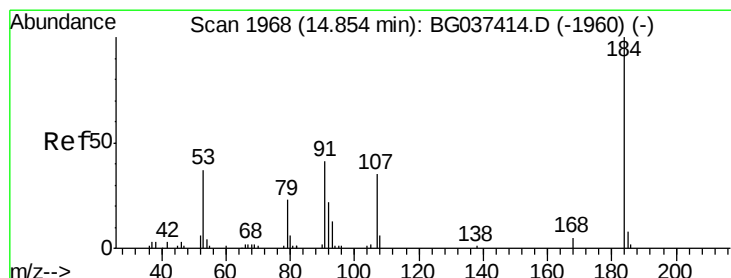
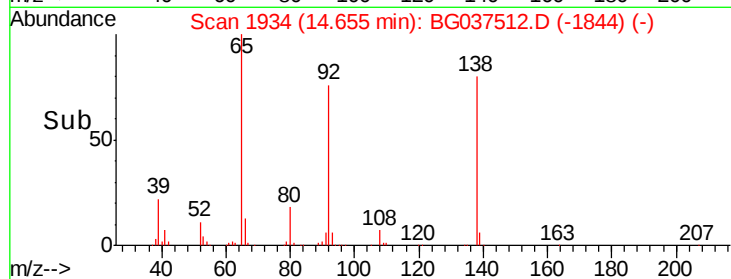
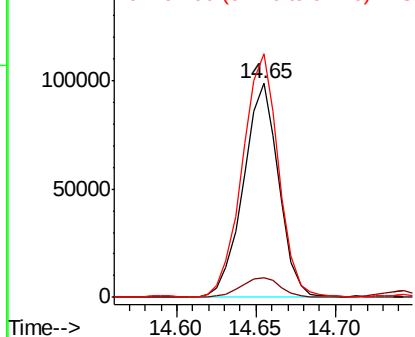
#53
 3-Nitroaniline
 Concen: 35.194 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 152728
 Ion Ratio Lower Upper
 138 100
 108 9.2 11.0 16.6#
 92 113.9 95.2 142.8

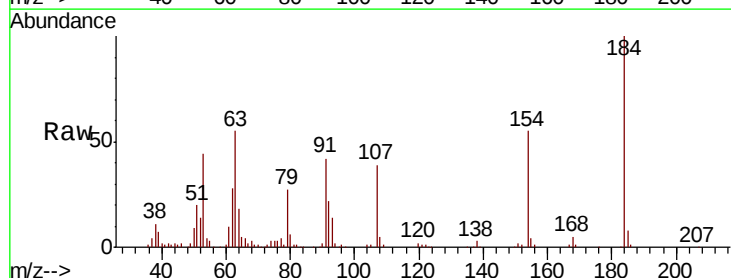


Abundance Ion 138.00 (137.70 to 138.70): E
 150000 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

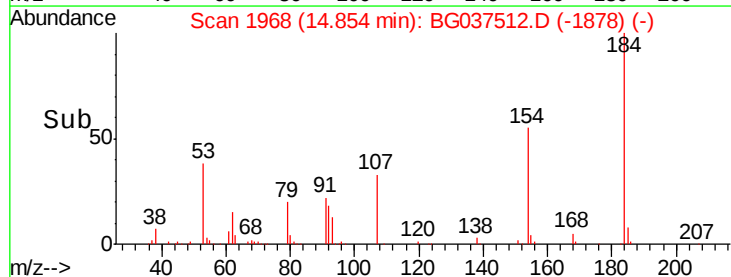
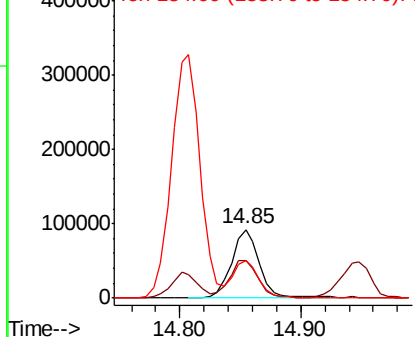


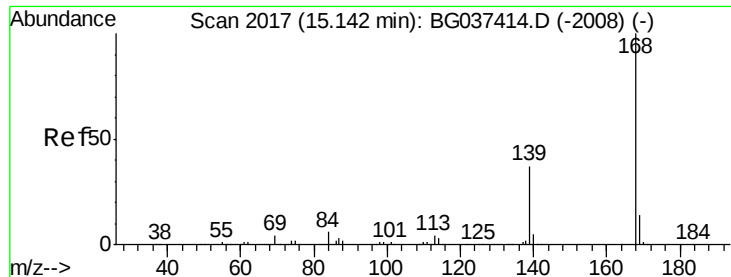
#54
 2,4-Dinitrophenol
 Concen: 83.086 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:184 Resp: 147826
 Ion Ratio Lower Upper
 184 100
 63 54.9 42.6 63.8
 154 55.5 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
 400000 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

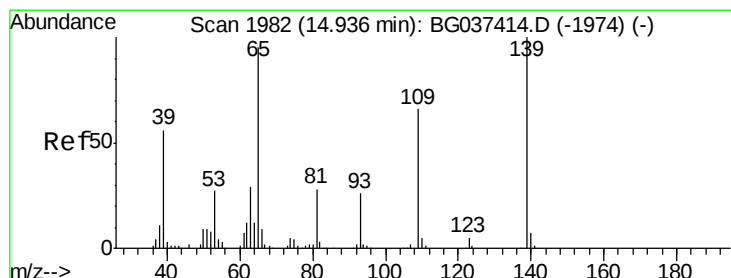
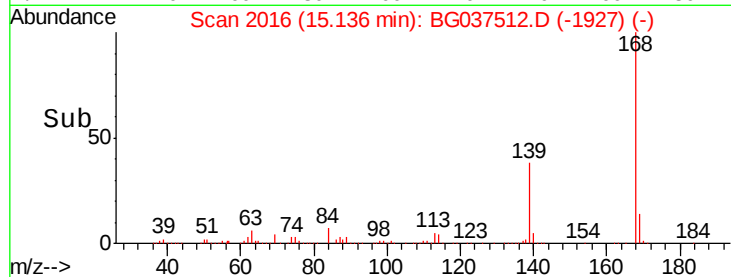
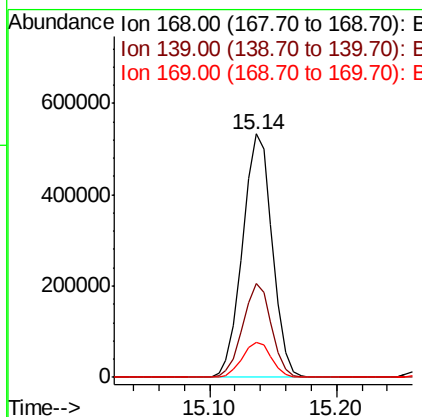
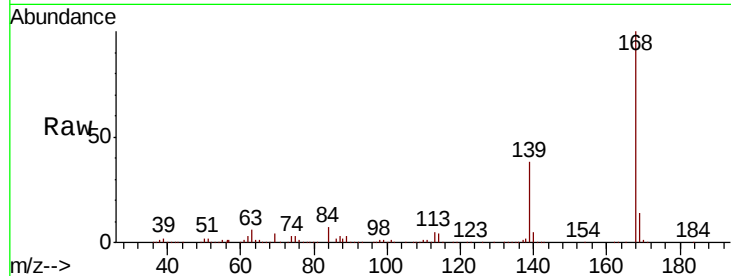




#55
Dibenzofuran
Concen: 39.384 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

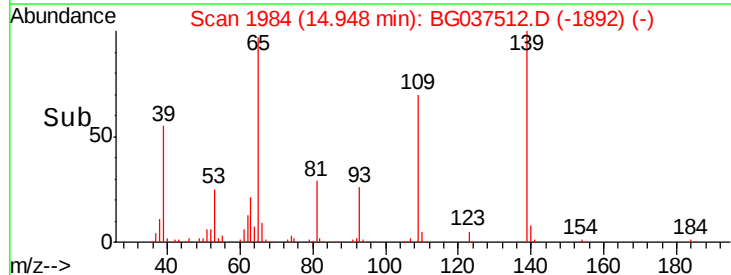
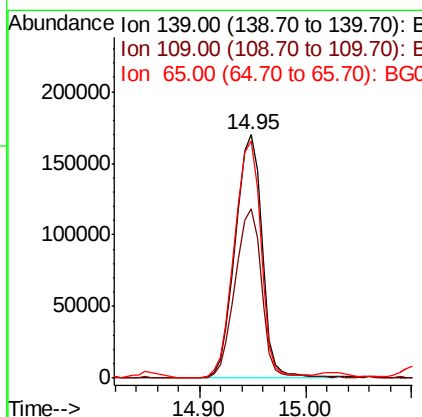
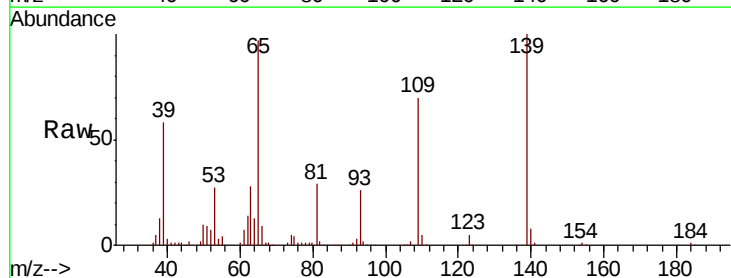
Instrument :
BNA_G
ClientSampleId :

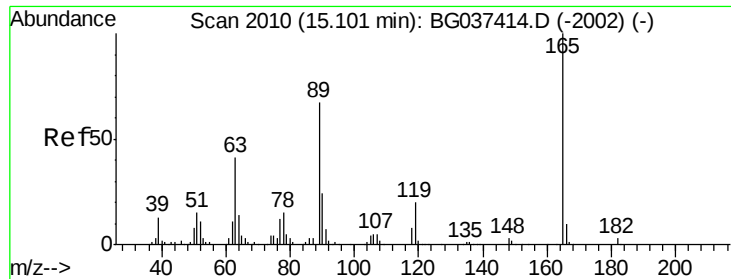
Tot Ion:168 Resp: 865149
Ion Ratio Lower Upper
168 100
139 38.3 29.4 44.0
169 14.3 11.0 16.6



#56
4-Nitrophenol
Concen: 93.052 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:139 Resp: 298901
Ion Ratio Lower Upper
139 100
109 69.5 49.5 89.5
65 97.3 76.8 116.8

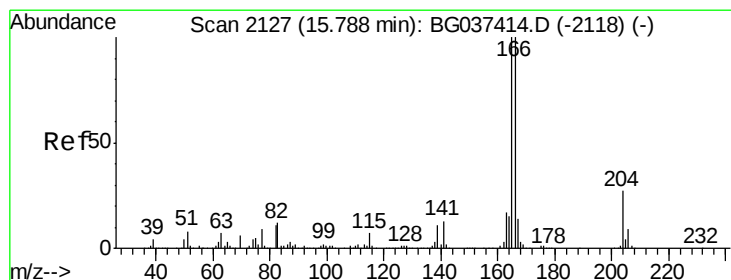
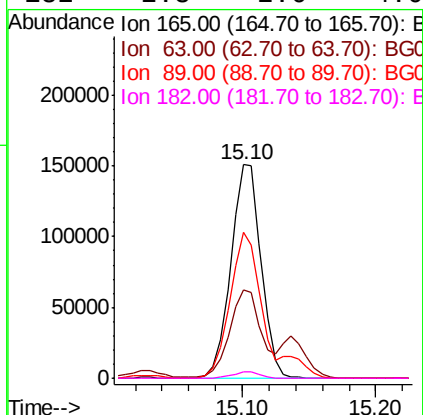
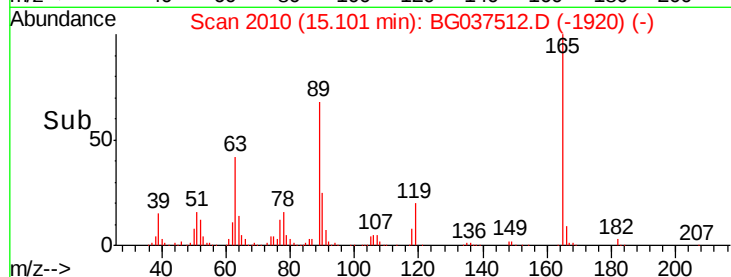
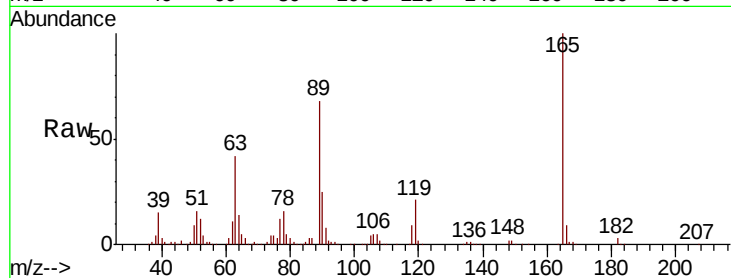




#57
 2,4-Dinitrotoluene
 Concen: 46.256 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

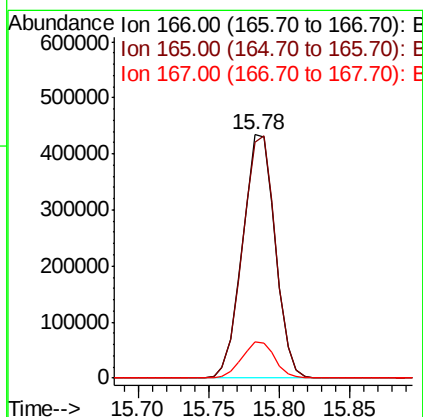
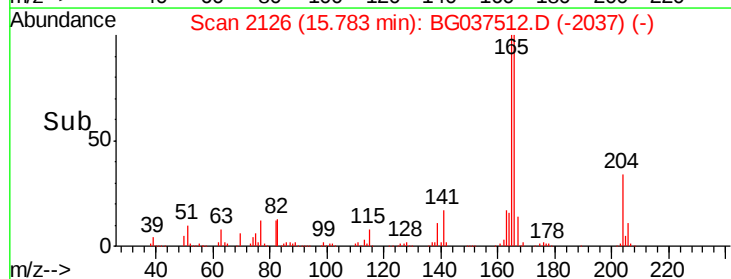
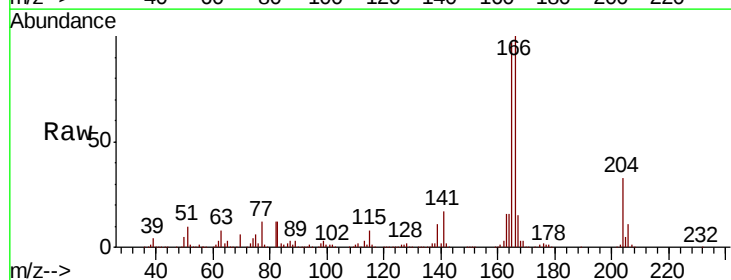
Instrument :
 BNA_G
 ClientSampleId :

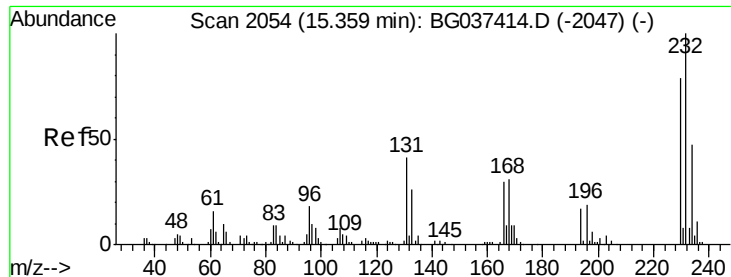
Tot Ion:165	Resp:	237355
Ion Ratio	Lower	Upper
165	100	
63	41.6	33.4 50.0
89	68.2	57.2 85.8
182	2.8	2.6 4.0



#58
 Fluorene
 Concen: 42.916 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:166	Resp:	705962
Ion Ratio	Lower	Upper
166	100	
165	96.7	79.0 118.6
167	14.8	11.3 16.9

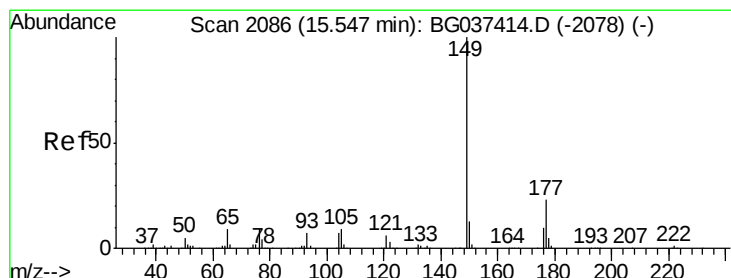
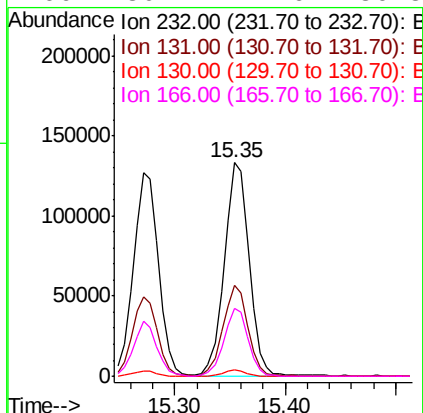
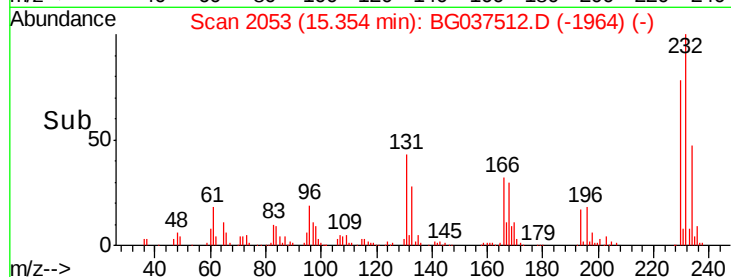
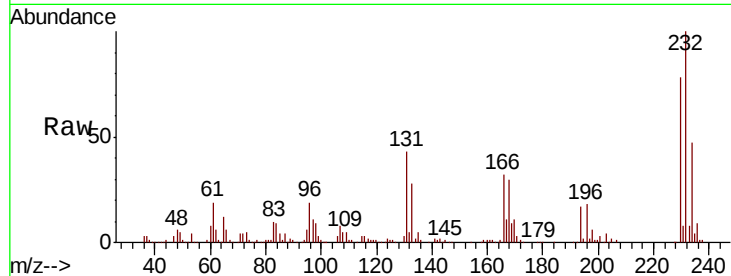




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.554 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

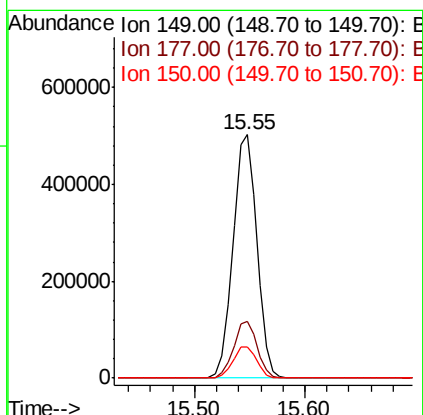
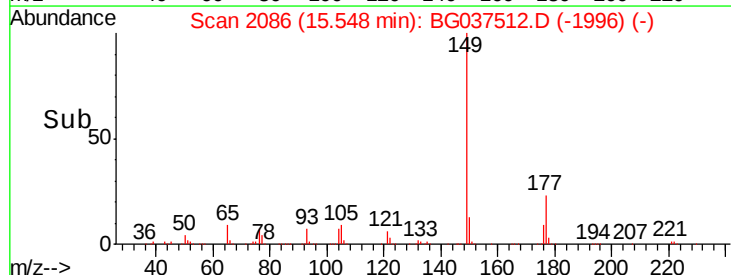
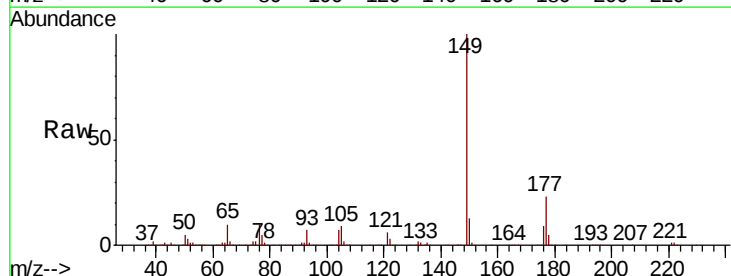
Instrument :
 BNA_G
 ClientSampleId :

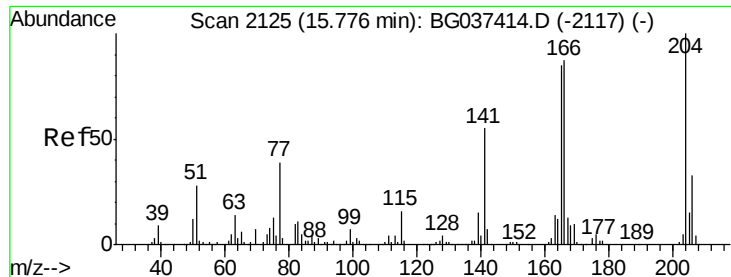
Tot Ion:	232	Resp:	209023
Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.7	50.5
130	2.6	2.1	3.1
166	30.7	24.6	36.8



#60
 Diethylphthalate
 Concen: 42.021 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:	149	Resp:	762332
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.9	10.0	15.0

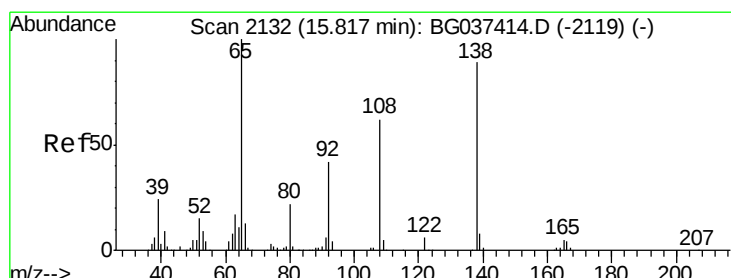
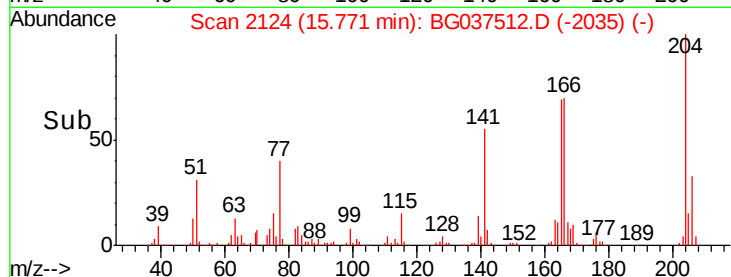
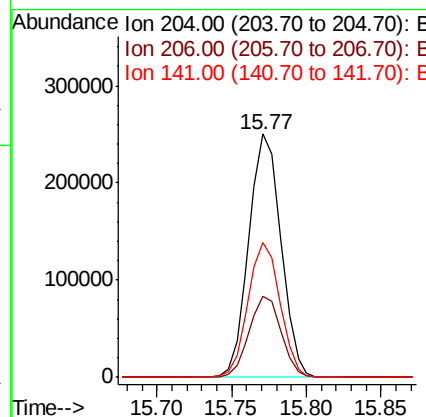
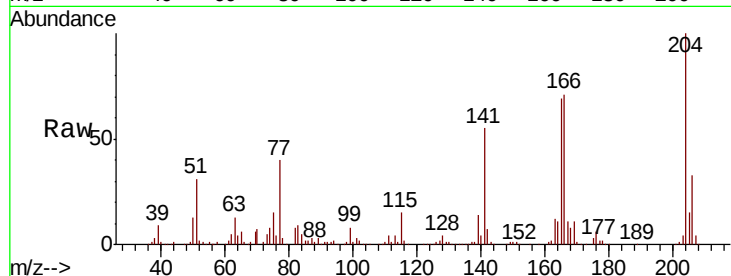




#61
4-Chlorophenyl-phenylether
Concen: 38.924 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

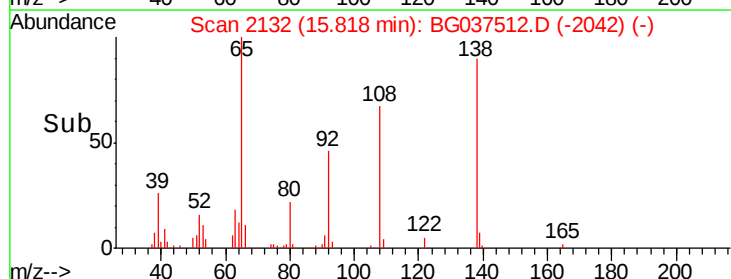
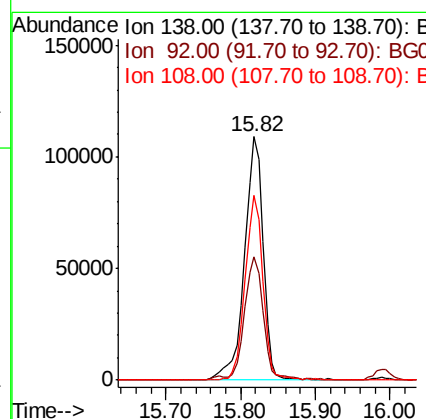
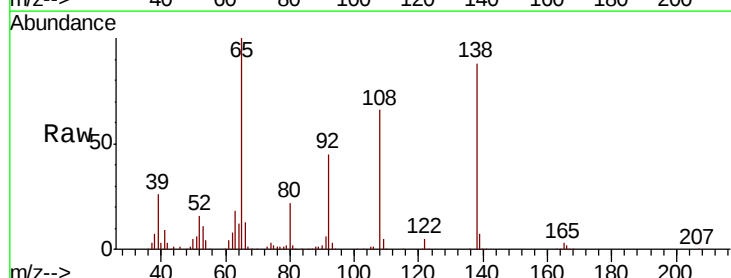
Instrument :
BNA_G
ClientSampled :

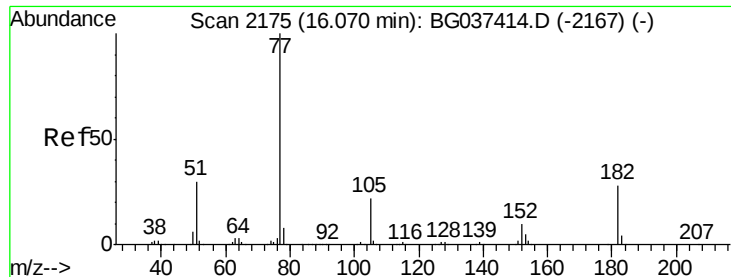
Tot Ion:204 Resp: 373209
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 55.2 45.4 68.2



#62
4-Nitroaniline
Concen: 44.023 ng
RT: 15.82 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:138 Resp: 189832
Ion Ratio Lower Upper
138 100
92 50.7 36.4 76.4
108 75.7 60.1 100.1

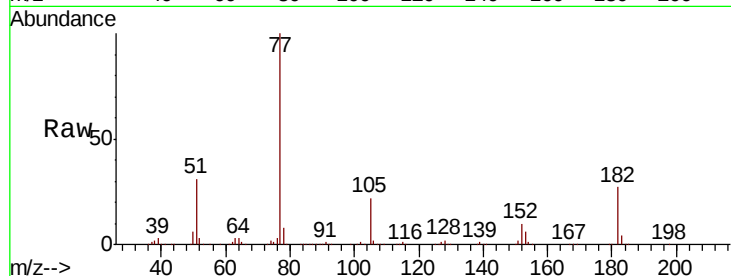




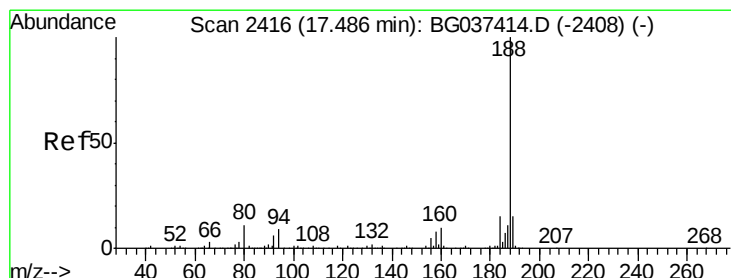
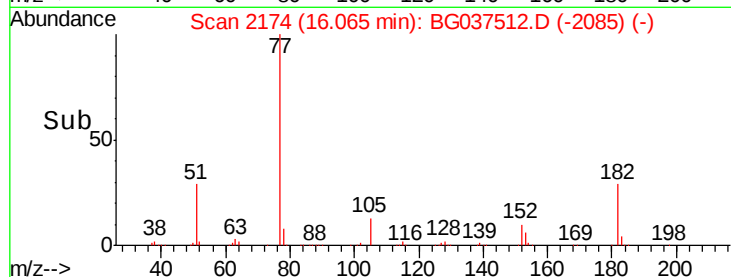
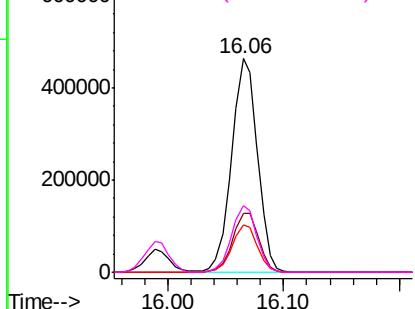
#63
Azobenzene
Concen: 41.244 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	8.0	48.0	
105	22.1	1.3	41.3	
51	31.0	10.7	50.7	

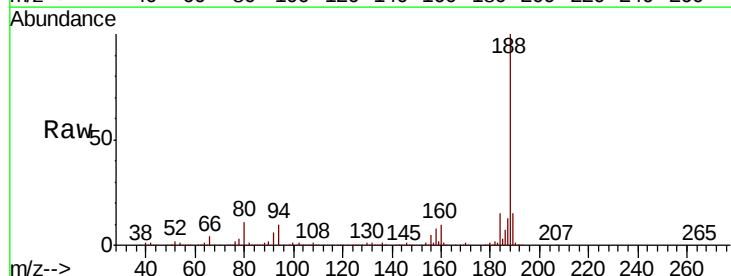


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

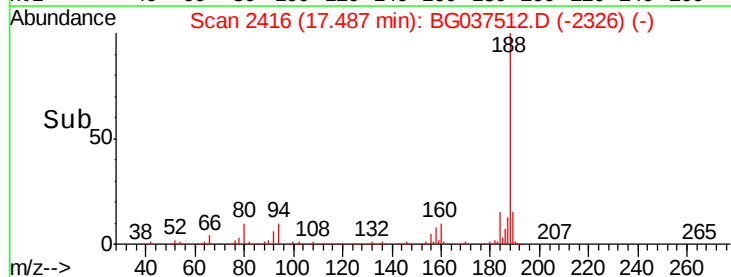
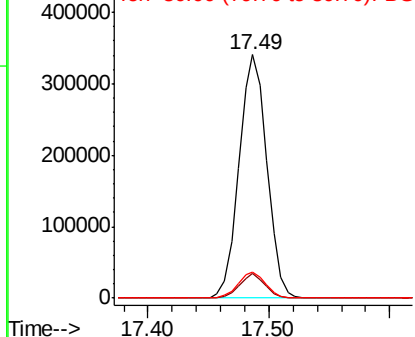


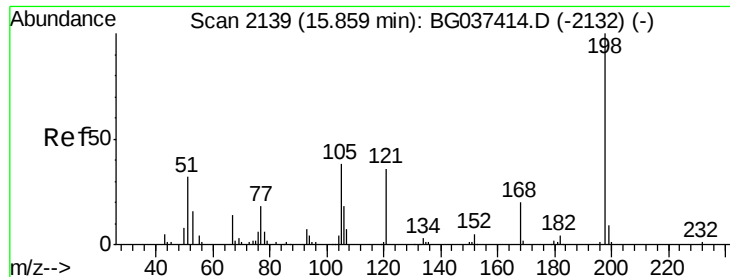
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	7.2	10.8	
80	10.5	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

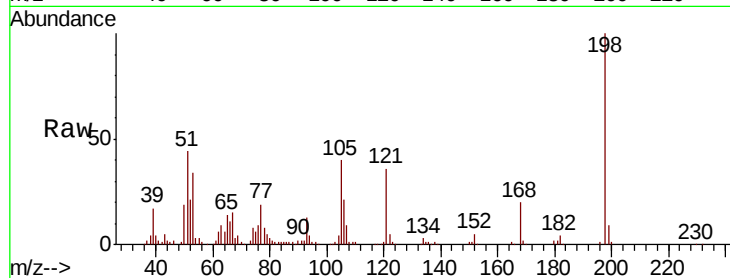




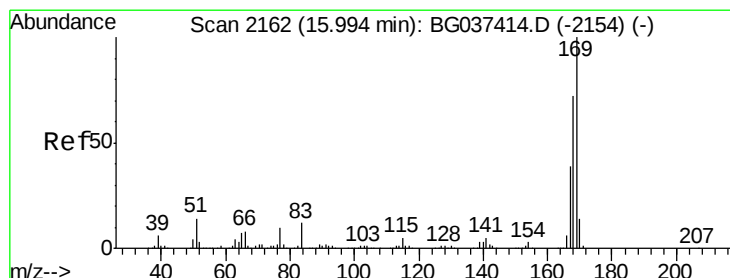
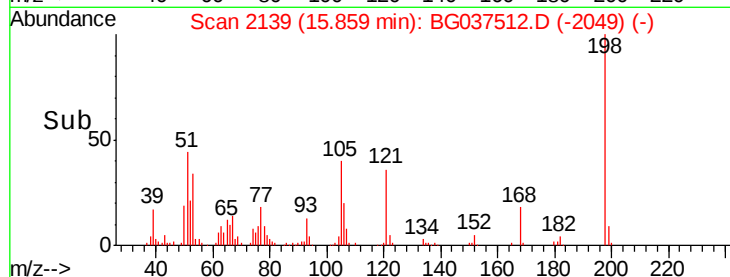
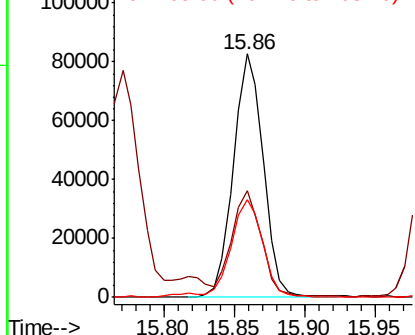
#65
4,6-Dinitro-2-methylphenol
Concen: 43.593 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 122290
Ion Ratio Lower Upper
198 100
51 43.9 22.7 62.7
105 40.0 19.7 59.7

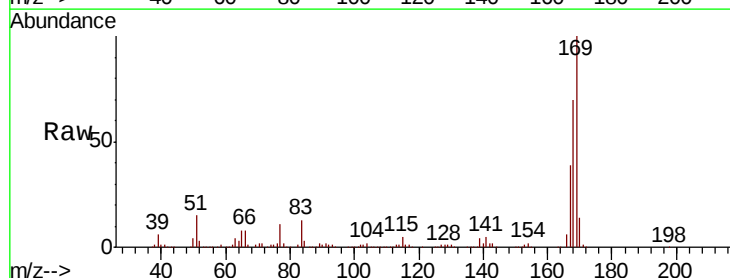


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

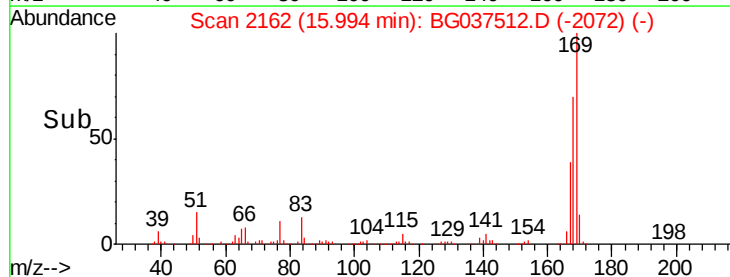
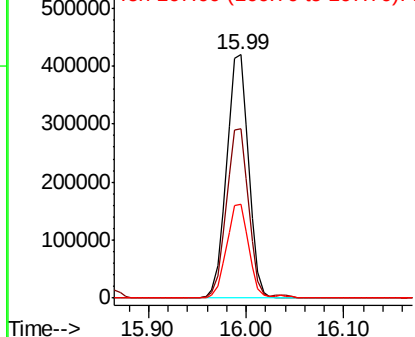


#66
n-Nitrosodiphenylamine
Concen: 39.669 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:169 Resp: 652105
Ion Ratio Lower Upper
169 100
168 69.7 55.7 83.5
167 38.8 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

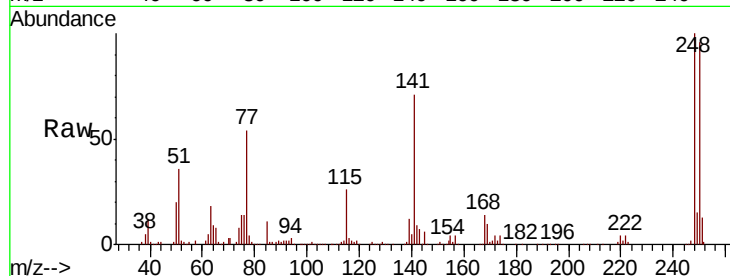




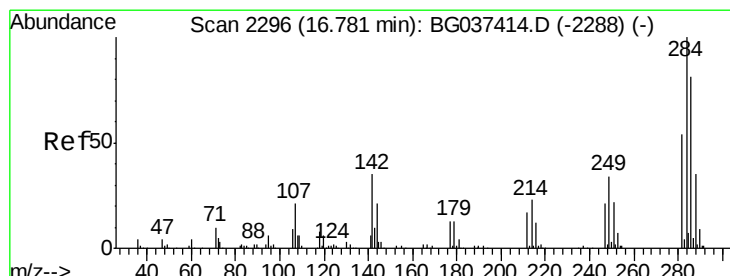
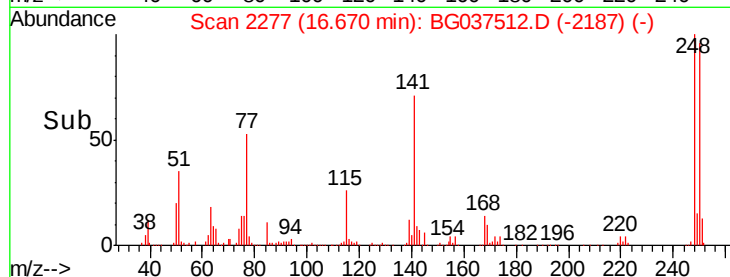
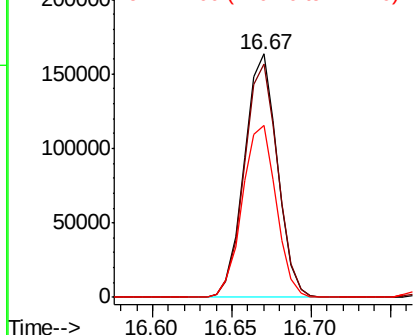
#67
 4-Bromophenyl-phenylether
 Concen: 39.351 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.6
141	70.9	55.5	83.3

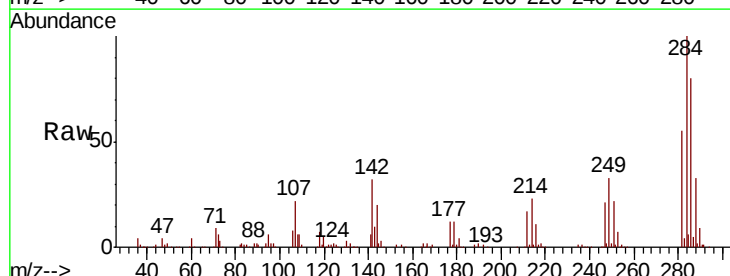


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

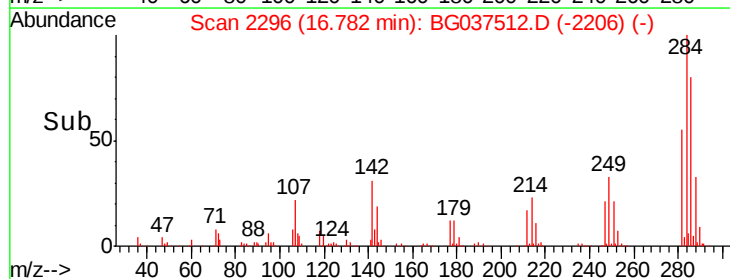
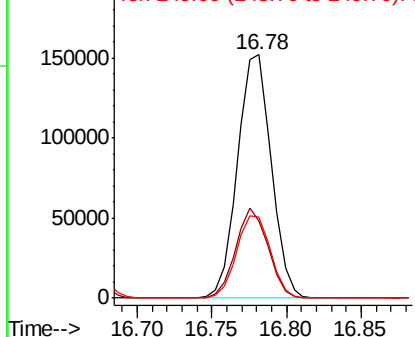


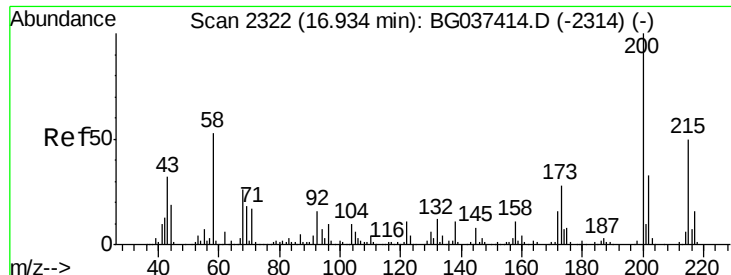
#68
 Hexachlorobenzene
 Concen: 38.317 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	28.1	42.1
249	35.5	29.8	44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.333 ng

RT: 16.93 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

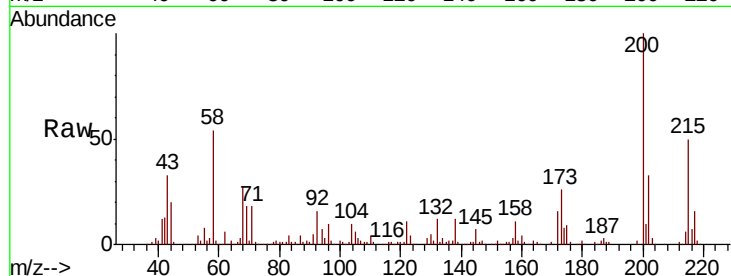
Tot Ion:200 Resp: 251599

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

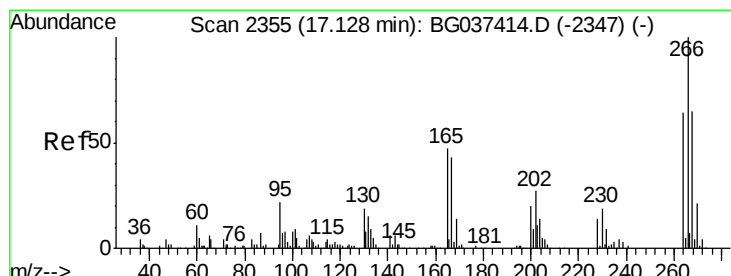
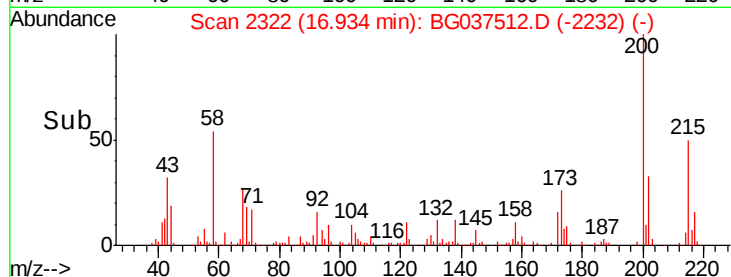
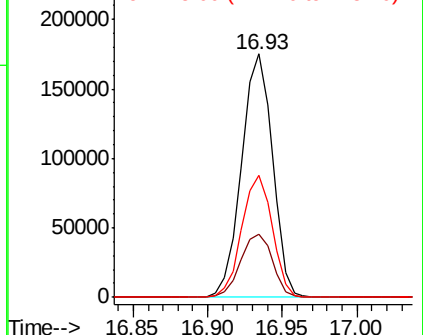
215 50.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.913 ng

RT: 17.13 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

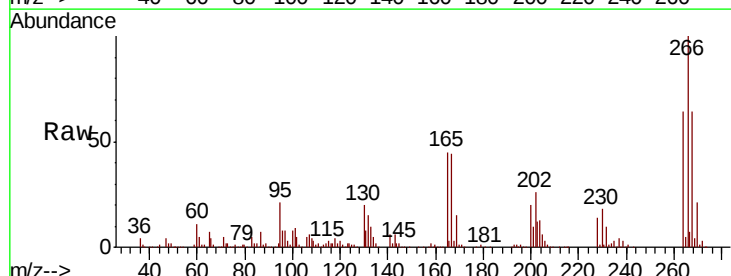
Tgt Ion:266 Resp: 303774

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

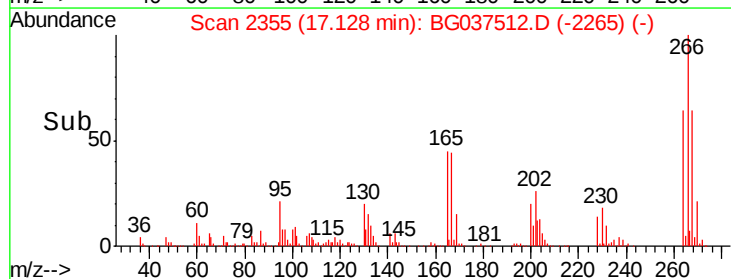
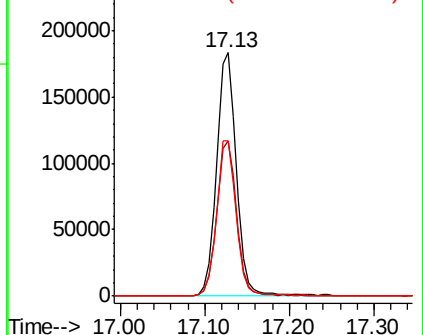
264 68.3 58.9 88.3

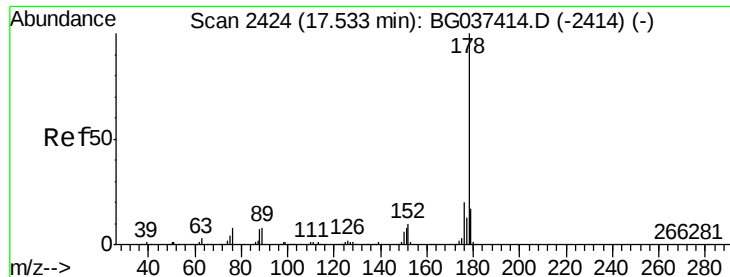


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

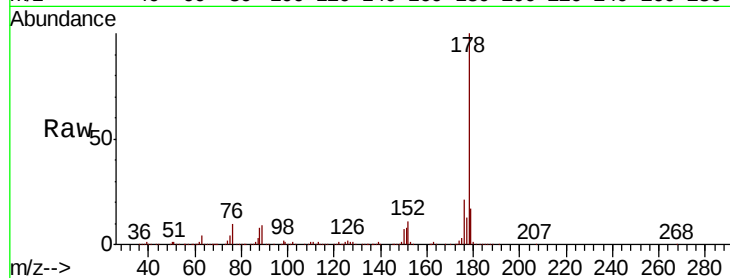




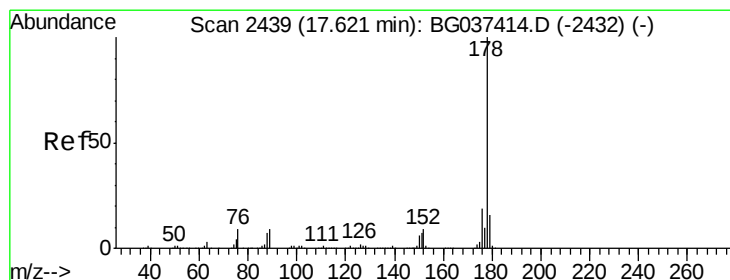
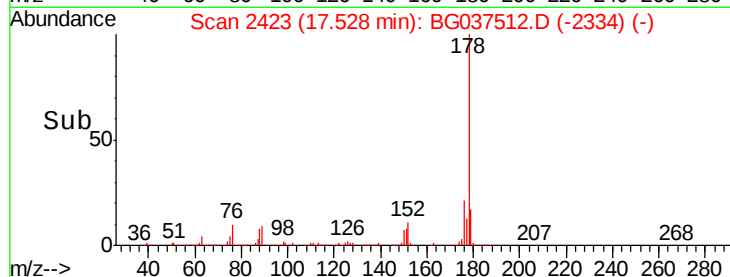
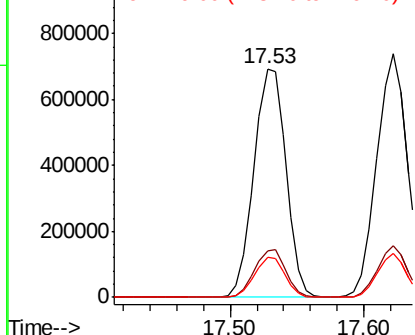
#71
Phenanthrene
Concen: 41.296 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1146965
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.3 13.0 19.4

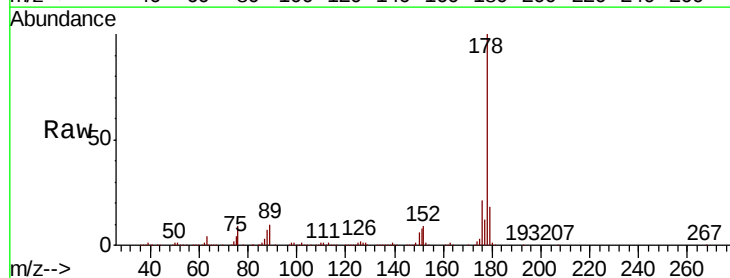


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

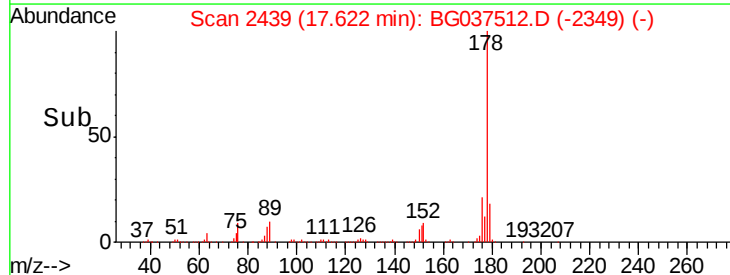
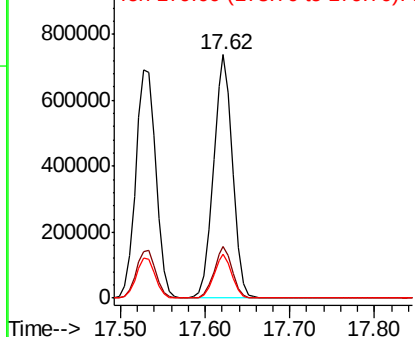


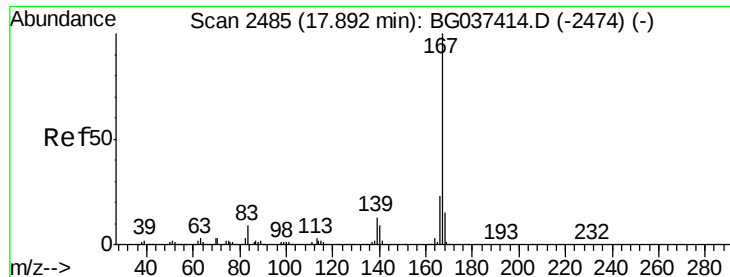
#72
Anthracene
Concen: 42.841 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:178 Resp: 1167708
Ion Ratio Lower Upper
178 100
176 21.3 15.0 22.4
179 18.3 12.8 19.2



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

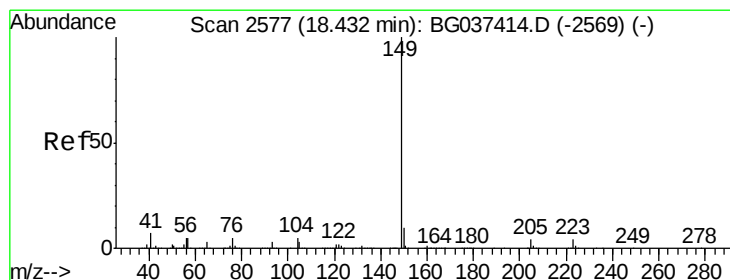
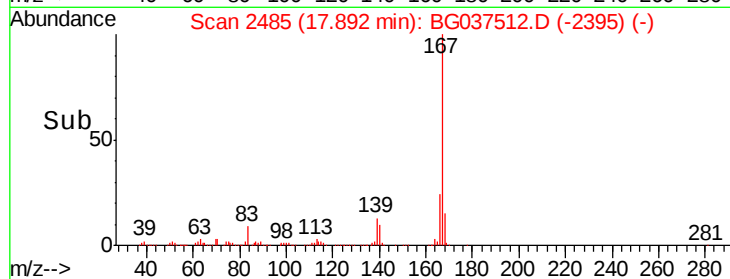
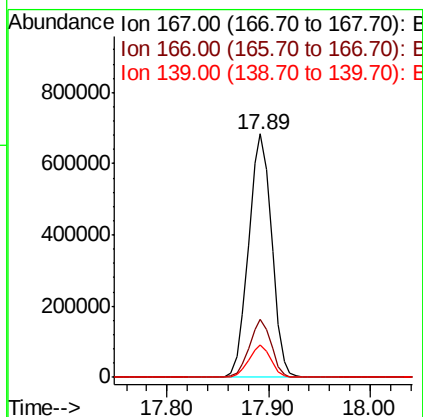
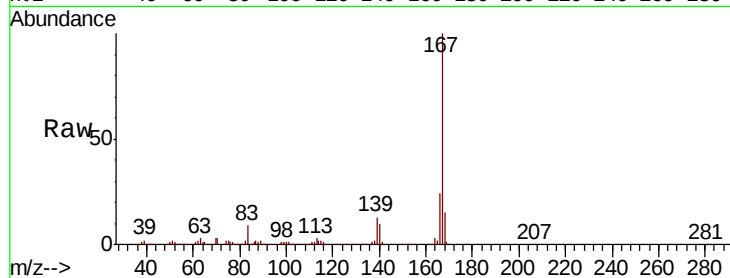




#73
 Carbazole
 Concen: 39.636 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

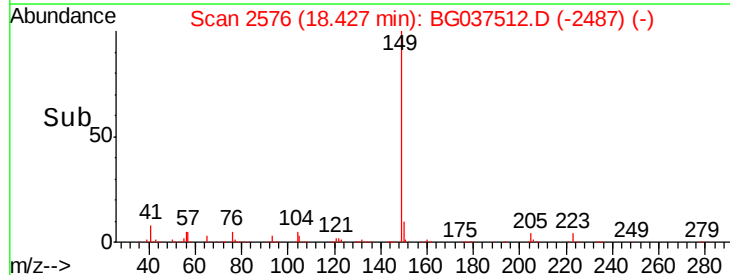
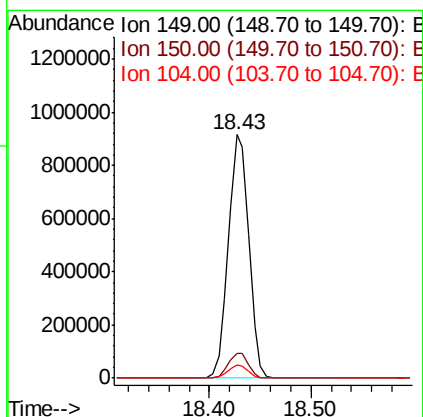
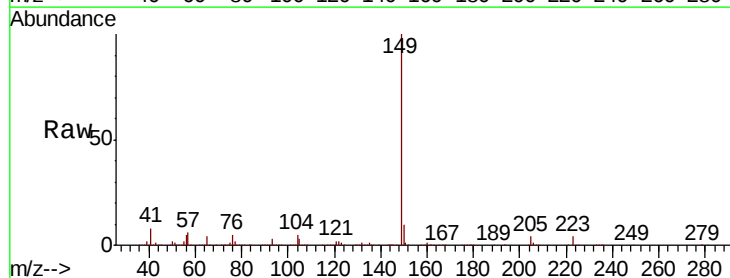
Instrument :
 BNA_G
 ClientSampled :

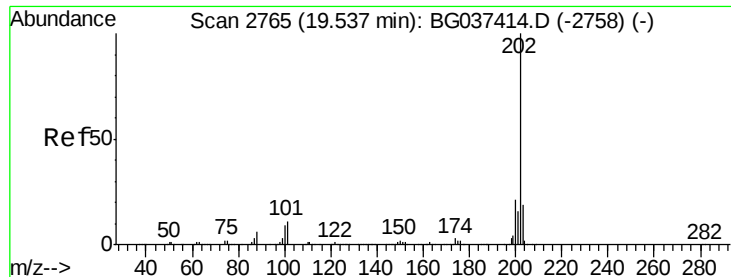
Tot Ion:167 Resp: 1080675
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.3 27.5
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.194 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:149 Resp: 1279715
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 42.216 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

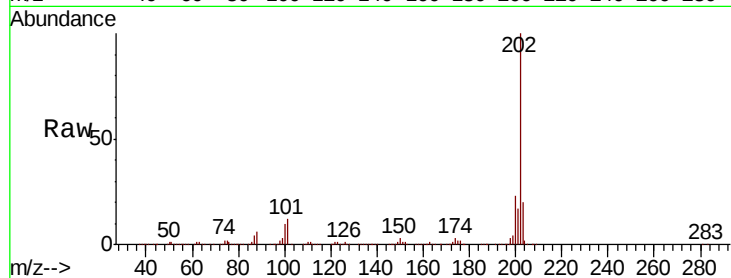
Tot Ion:202 Resp: 1329847

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.7

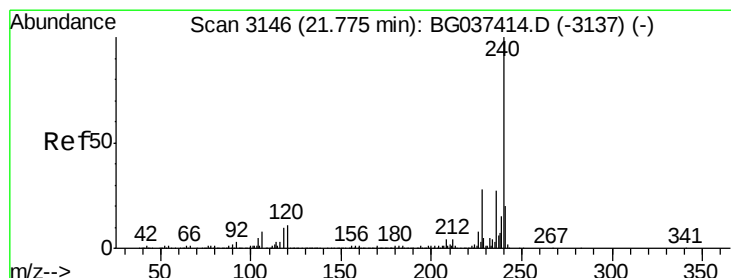
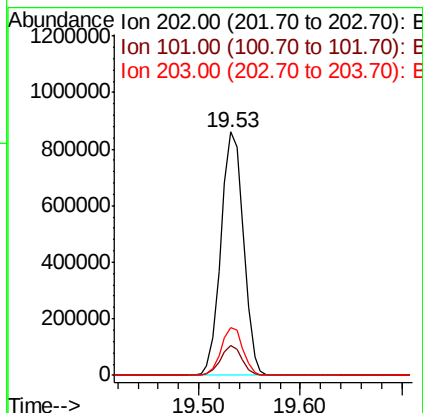
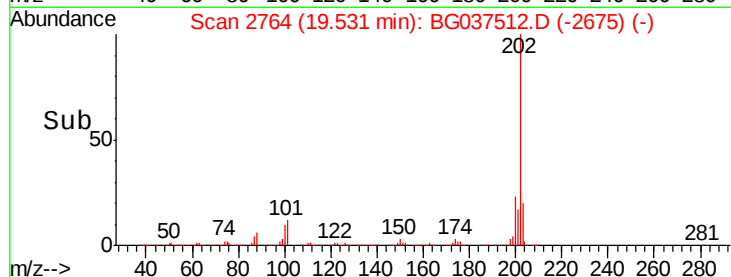
203 19.8 0.0 38.5



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: BG037512.D

Acq: 24 Oct 2018 15:30

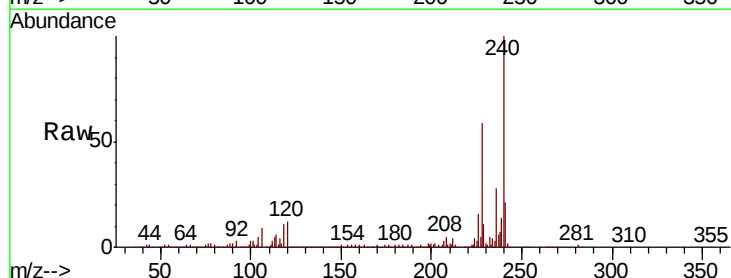
Tgt Ion:240 Resp: 479967

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

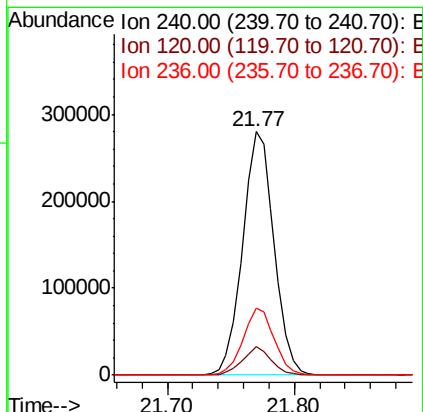
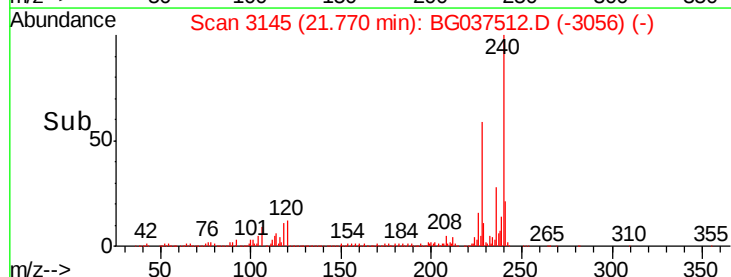
236 27.6 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.849 ng

RT: 19.72 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

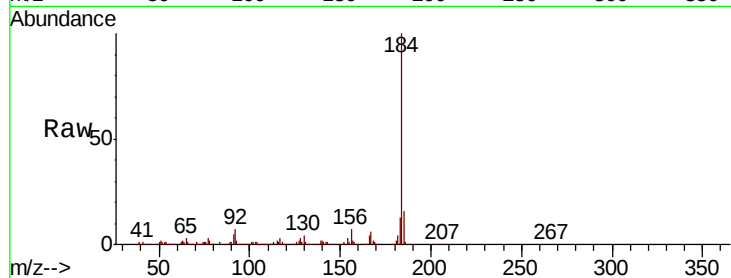
Tot Ion:184 Resp: 666656

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

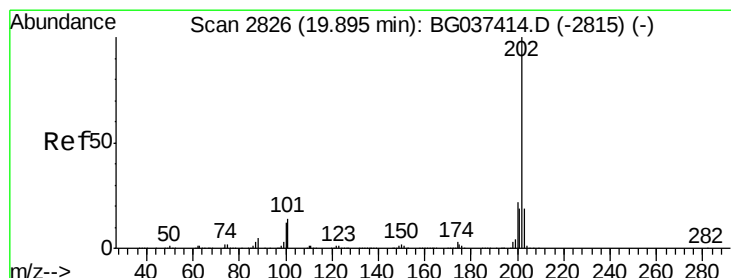
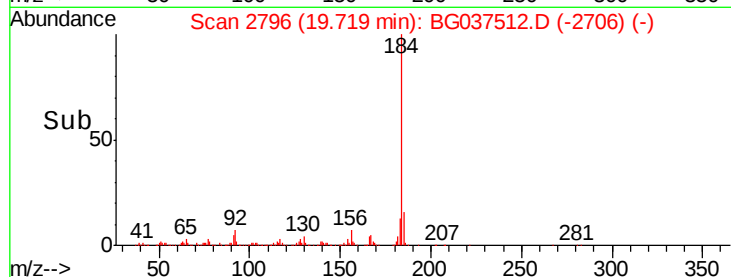
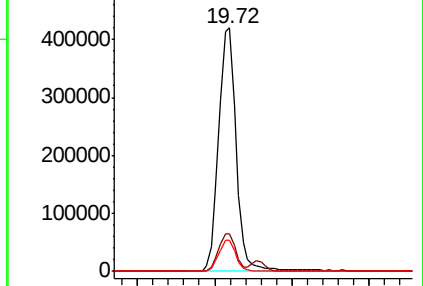
183 13.0 10.2 15.2



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: 40.443 ng

RT: 19.90 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

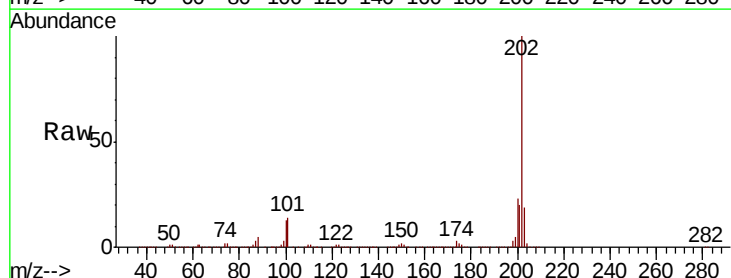
Tgt Ion:202 Resp: 1268949

Ion Ratio Lower Upper

202 100

200 23.3 17.8 26.6

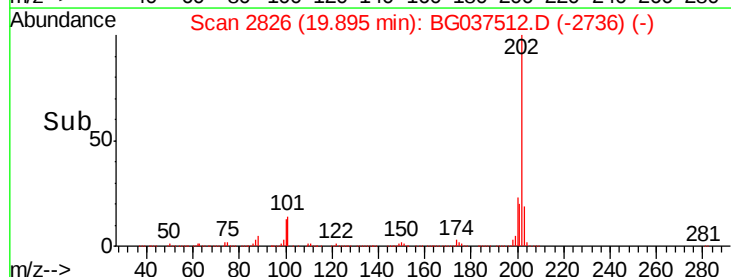
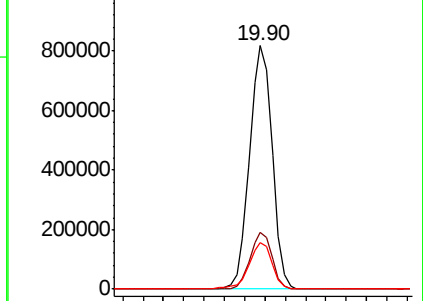
203 19.3 15.2 22.8



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: 60.324 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

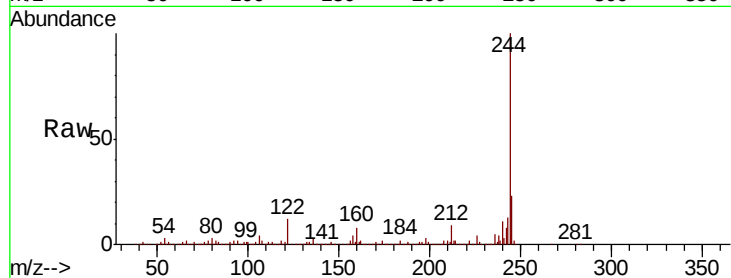
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1355018

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.6	9.0	13.4

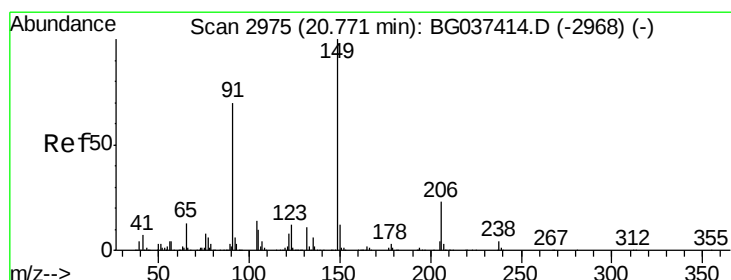
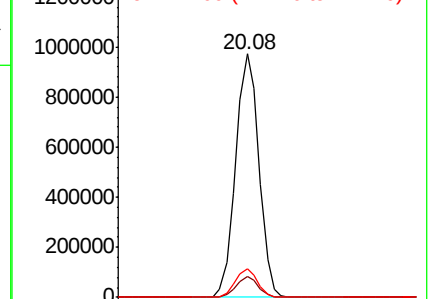
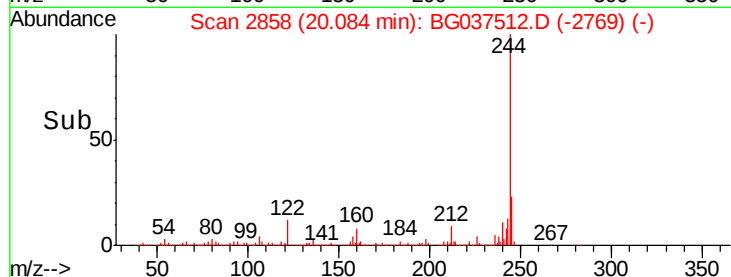


Abundance

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: 46.114 ng

RT: 20.77 min Scan# 2974

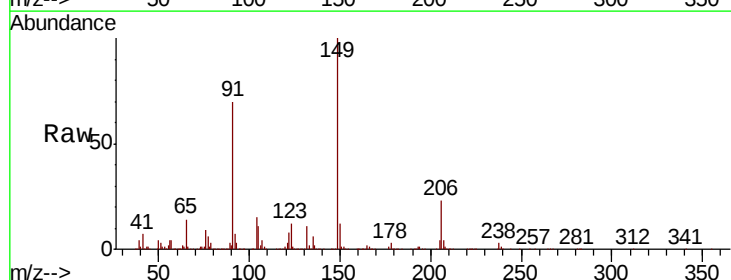
Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:149 Resp: 592149

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.0	85.4
206	22.5	17.8	26.6

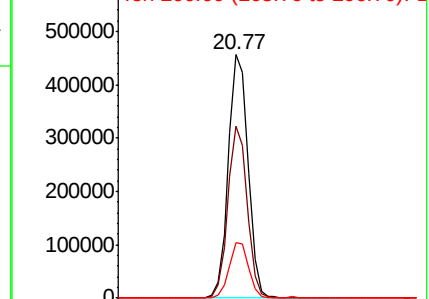
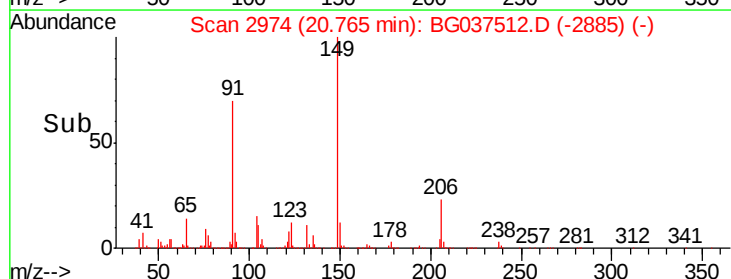


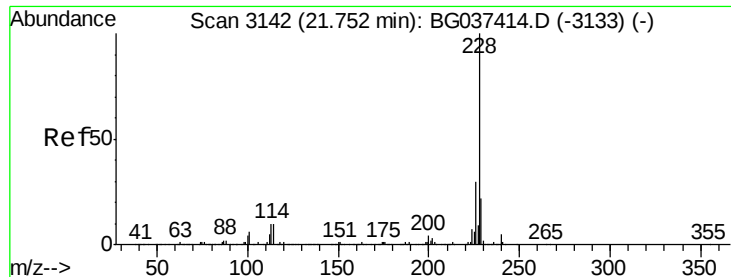
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.114 ng

RT: 21.75 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampled :

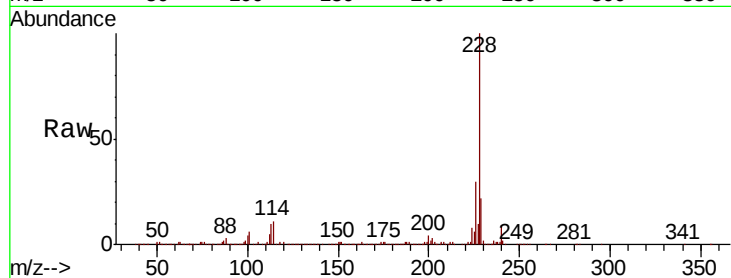
Tot Ion:228 Resp: 1224004

Ion Ratio Lower Upper

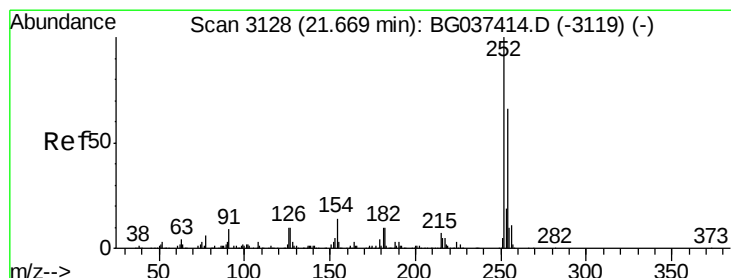
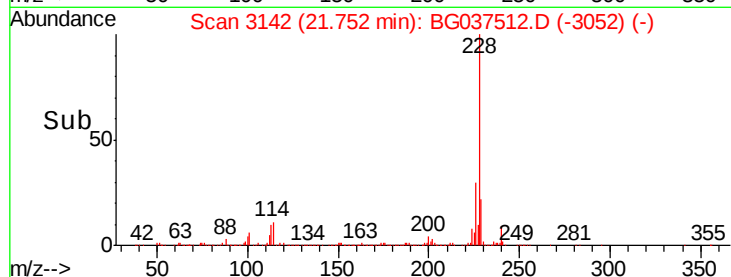
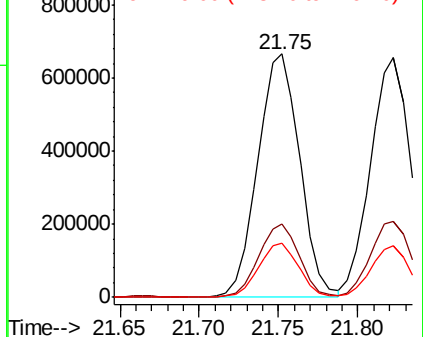
228 100

226 30.1 22.6 33.8

229 22.5 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: 32.595 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

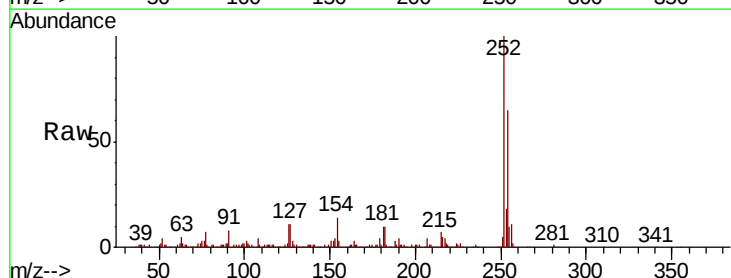
Tgt Ion:252 Resp: 358673

Ion Ratio Lower Upper

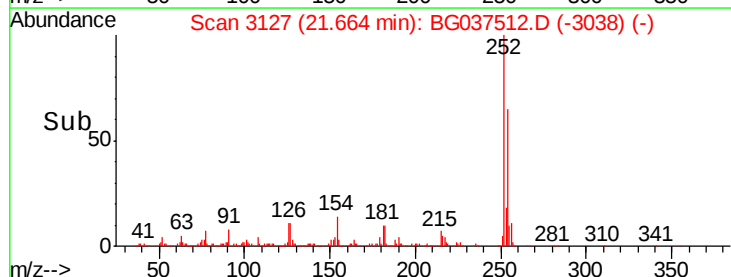
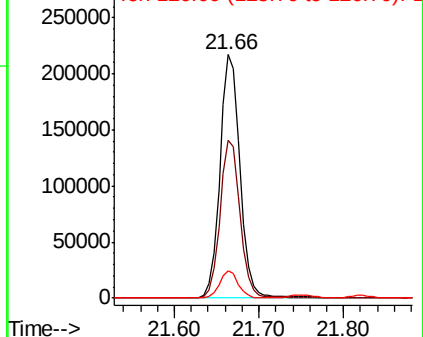
252 100

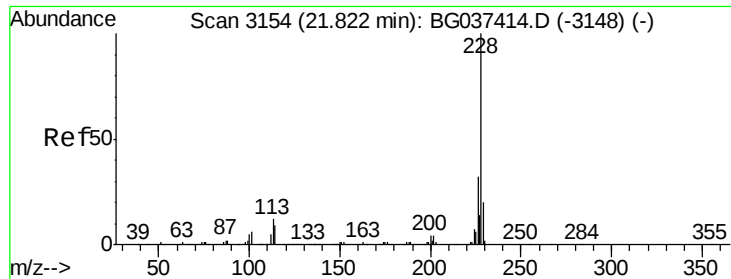
254 64.9 52.0 78.0

126 11.0 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



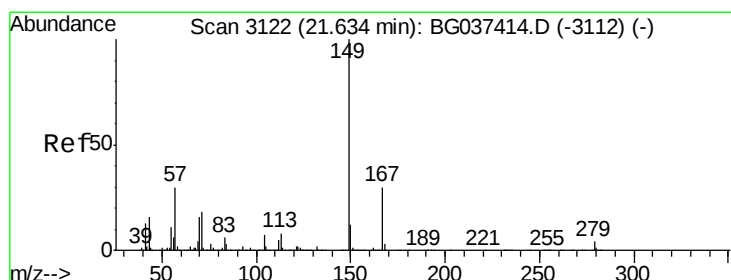
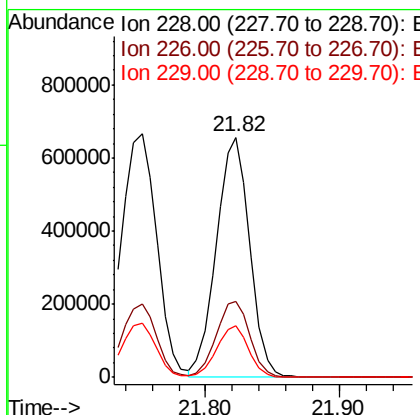
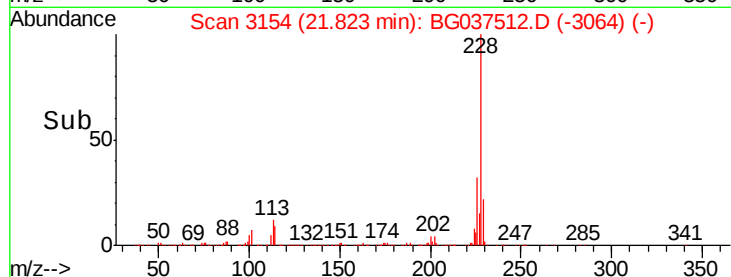
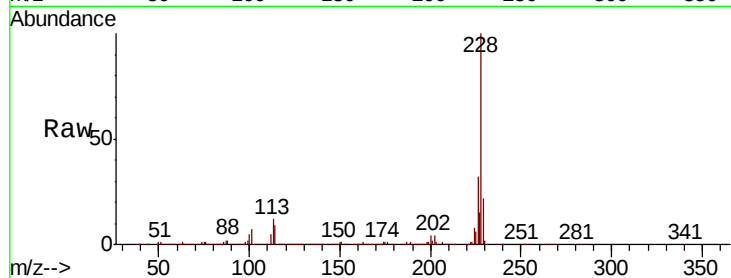


#83
 Chrysene
 Concen: 42.035 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1147501

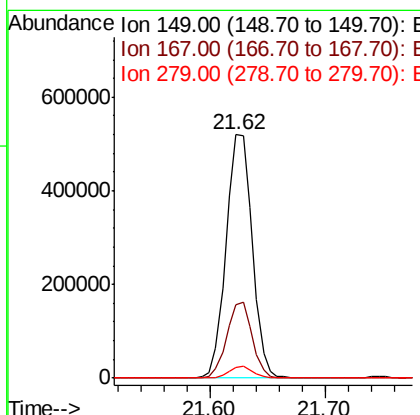
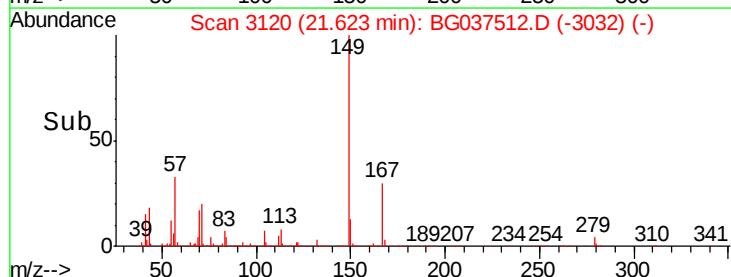
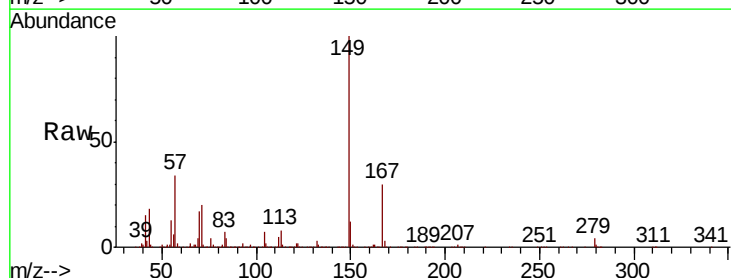
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	21.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.232 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:149 Resp: 814157

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.0	34.4
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.949 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

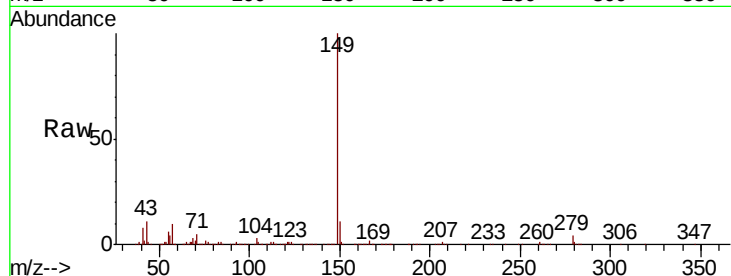
Tot Ion:149 Resp: 1378013

Ion Ratio Lower Upper

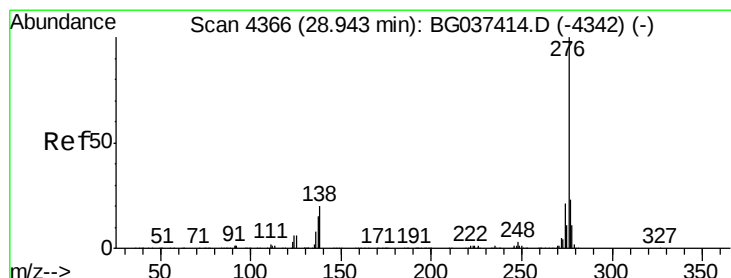
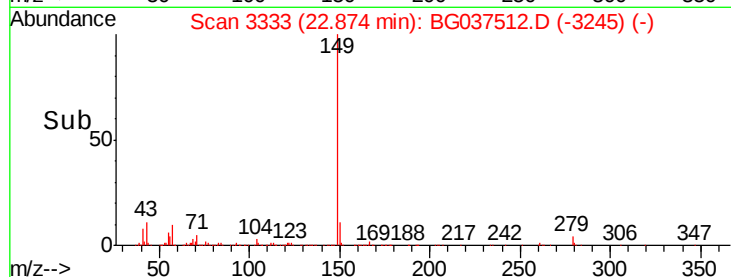
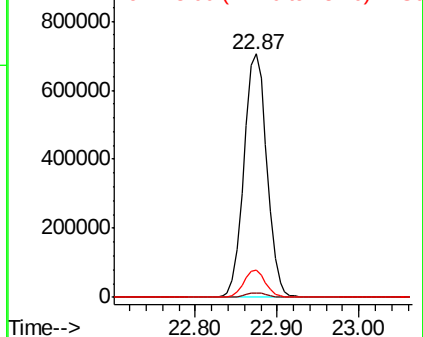
149 100

167 1.7 1.3 1.9

43 10.5 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: 45.520 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

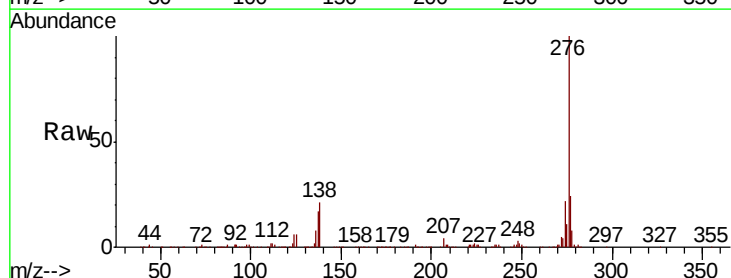
Tgt Ion:276 Resp: 1332792

Ion Ratio Lower Upper

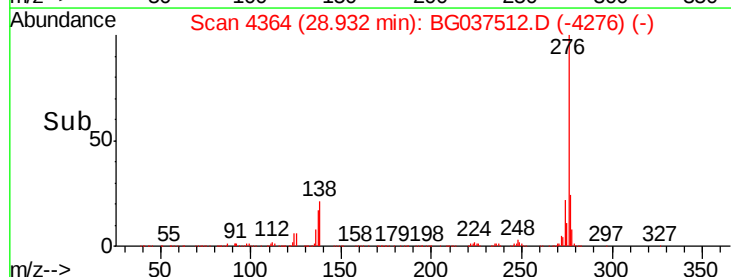
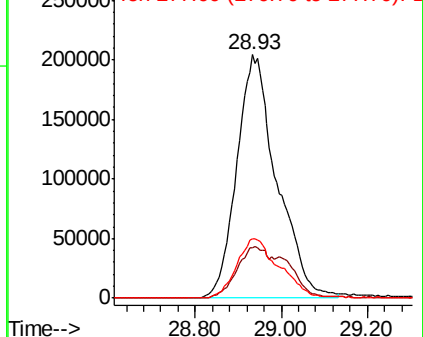
276 100

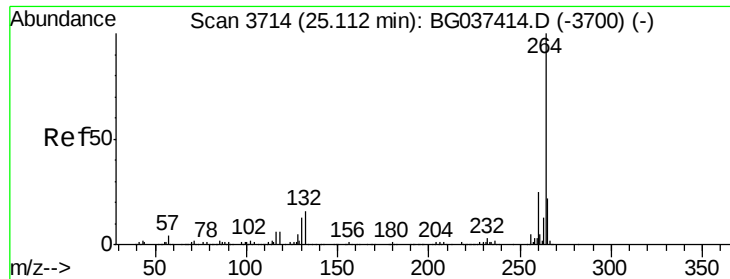
138 15.9 12.0 18.0

277 25.8 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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

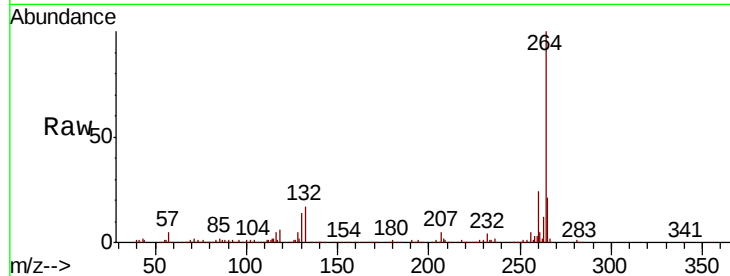
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 492706

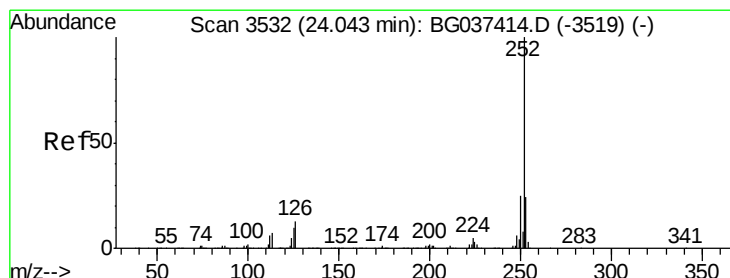
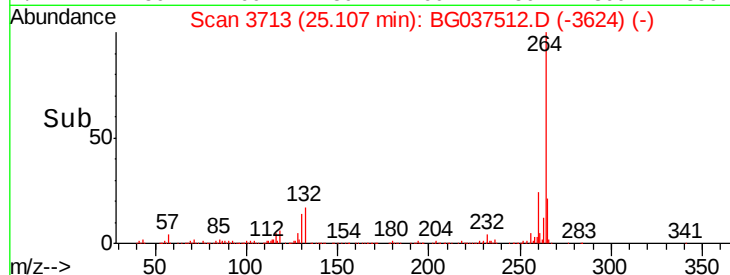
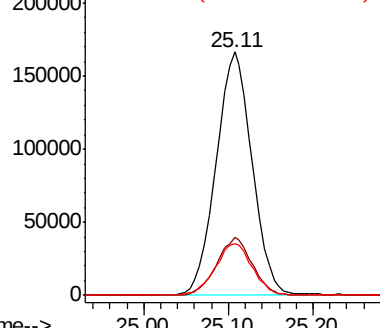
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	17.9	26.9



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: 45.168 ng

RT: 24.04 min Scan# 3531

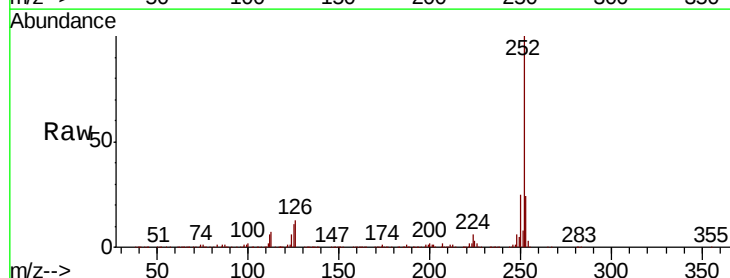
Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:252 Resp: 1220075

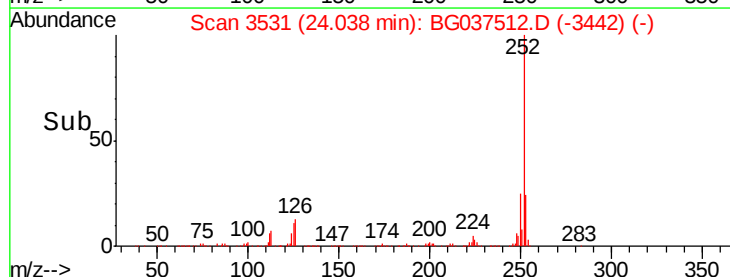
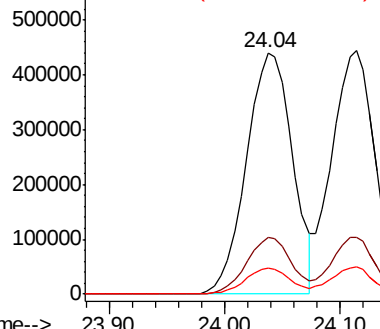
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.8	7.8	11.6

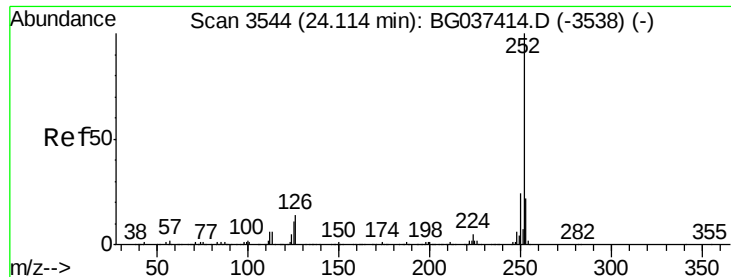


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

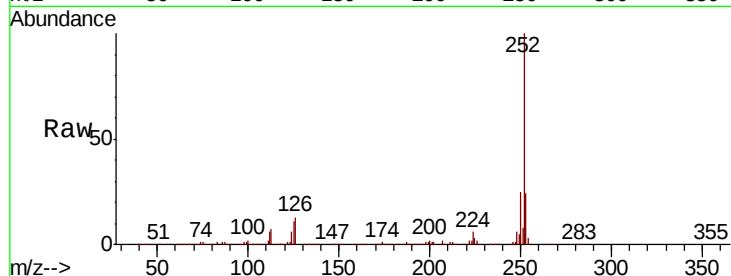




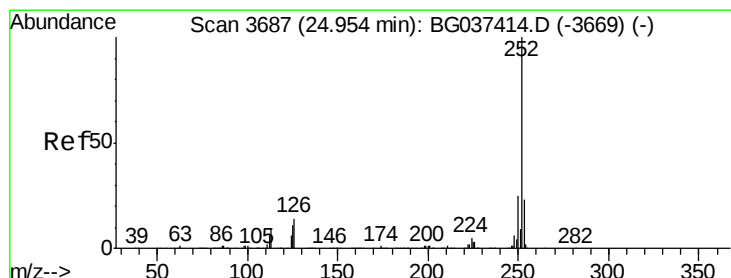
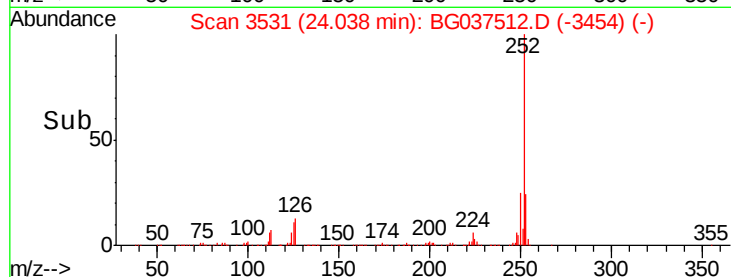
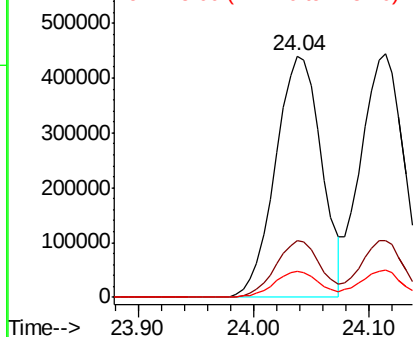
#89
Benzo(k)fluoranthene
Concen: 46.102 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1220075
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 10.8 7.4 11.0

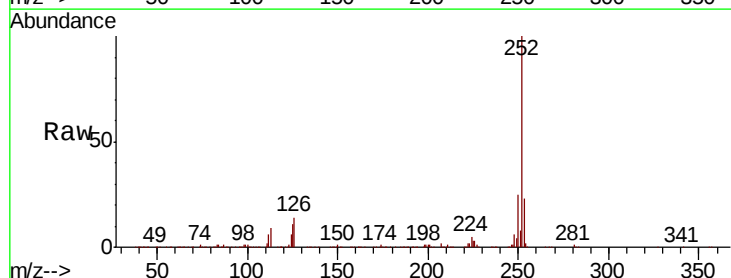


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

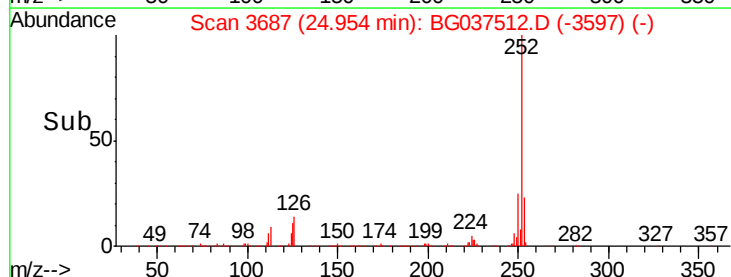
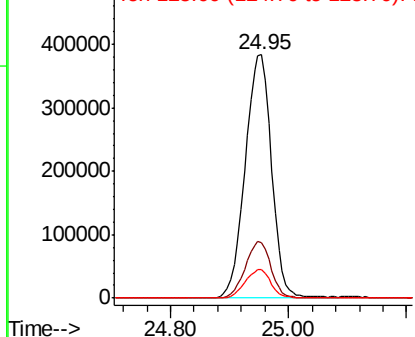


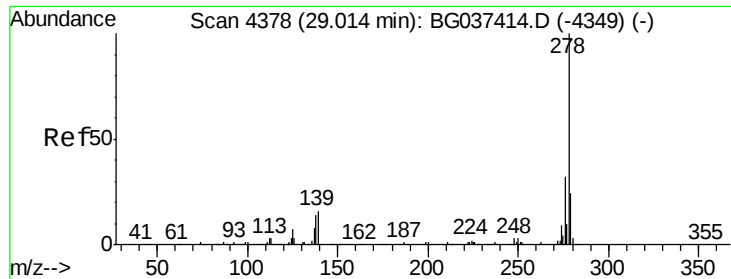
#90
Benzo(a)pyrene
Concen: 46.334 ng
RT: 24.95 min Scan# 3687
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:252 Resp: 1189291
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

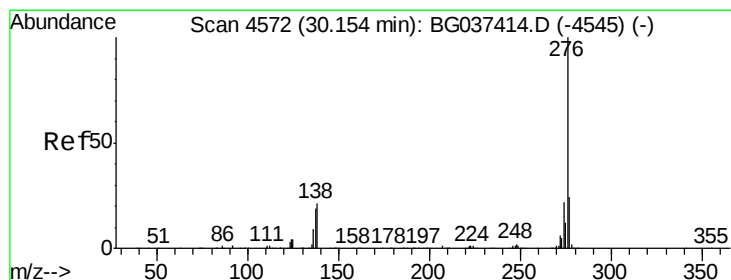
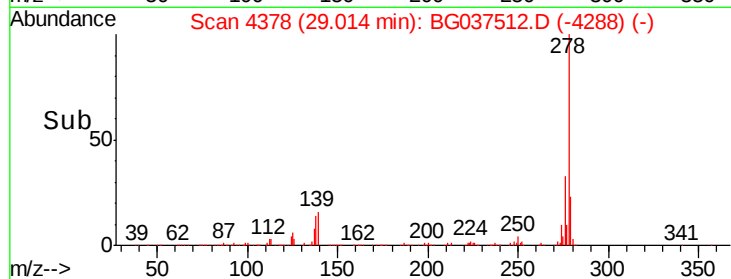
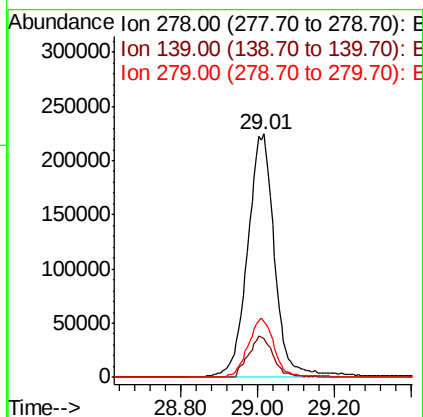
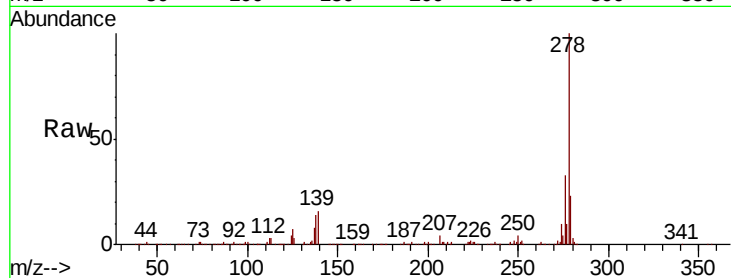




#91
Dibenzo(a,h)anthracene
Concen: 46.177 ng
RT: 29.01 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1093303
Ion Ratio Lower Upper
278 100
139 16.2 11.5 17.3
279 23.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 45.524 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:276 Resp: 1090463
Ion Ratio Lower Upper
276 100
277 25.1 18.9 28.3
138 22.6 17.2 25.8

