

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037517.D
 Acq On : 24 Oct 2018 18:47
 Operator : JU/SJ
 Sample : J4771-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:59:43 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	60144	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	253828	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	169600	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	402258	20.00	ng	0.00
76) Chrysene-d12	21.77	240	358389	20.00	ng	0.00
87) Perylene-d12	25.10	264	376035	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	428545	119.12	ng	0.00
7) Phenol-d6	7.25	99	591296	108.70	ng	0.00
23) Nitrobenzene-d5	9.29	82	382107	84.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	245390	132.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	884833	78.67	ng	0.00
79) Terphenyl-d14	20.09	244	1381902	82.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	53903	29.546	ng	# 88
3) Pyridine	3.95	79	132539	28.824	ng	97
4) n-Nitrosodimethylamine	3.86	42	78514	47.938	ng	# 95
6) Aniline	7.44	93	93898	14.149	ng	96
8) 2-Chlorophenol	7.66	128	194390	46.190	ng	97
9) Benzaldehyde	7.25	77	88127	25.898	ng	95
10) Phenol	7.28	94	240785	41.952	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	184256	42.268	ng	98
12) 1,3-Dichlorobenzene	7.99	146	185508	39.595	ng	99
13) 1,4-Dichlorobenzene	8.14	146	192518	40.171	ng	99
14) 1,2-Dichlorobenzene	8.46	146	182237	39.530	ng	98
15) Benzyl Alcohol	8.35	79	187514	46.652	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	341695	43.808	ng	98
17) 2-Methylphenol	8.54	107	179162	47.216	ng	98
18) Hexachloroethane	9.19	117	68673	42.031	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	156697	41.832	ng	98
20) 3+4-Methylphenols	8.87	107	247629	45.645	ng	98
22) Acetophenone	8.94	105	291276	45.756	ng	# 96
24) Nitrobenzene	9.33	77	222667	47.304	ng	97
25) Isophorone	9.84	82	454911	54.947	ng	98
26) 2-Nitrophenol	10.04	139	106822	50.375	ng	96
27) 2,4-Dimethylphenol	10.08	122	215312	56.868	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	271342	50.023	ng	97
29) 2,4-Dichlorophenol	10.57	162	216180	51.282	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	201653	43.988	ng	97
31) Naphthalene	10.98	128	606359	48.636	ng	100
32) Benzoic acid	10.21	122	121476	49.398	ng	97
33) 4-Chloroaniline	11.09	127	14692	2.508	ng	97
34) Hexachlorobutadiene	11.24	225	115116	42.369	ng	99
35) Caprolactam	11.88	113	40316	23.846	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	244549	51.439	ng	100
37) 2-Methylnaphthalene	12.58	142	468451	51.545	ng	99
38) 1-Methylnaphthalene	12.79	142	448159	50.777	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231501	42.318	ng	99

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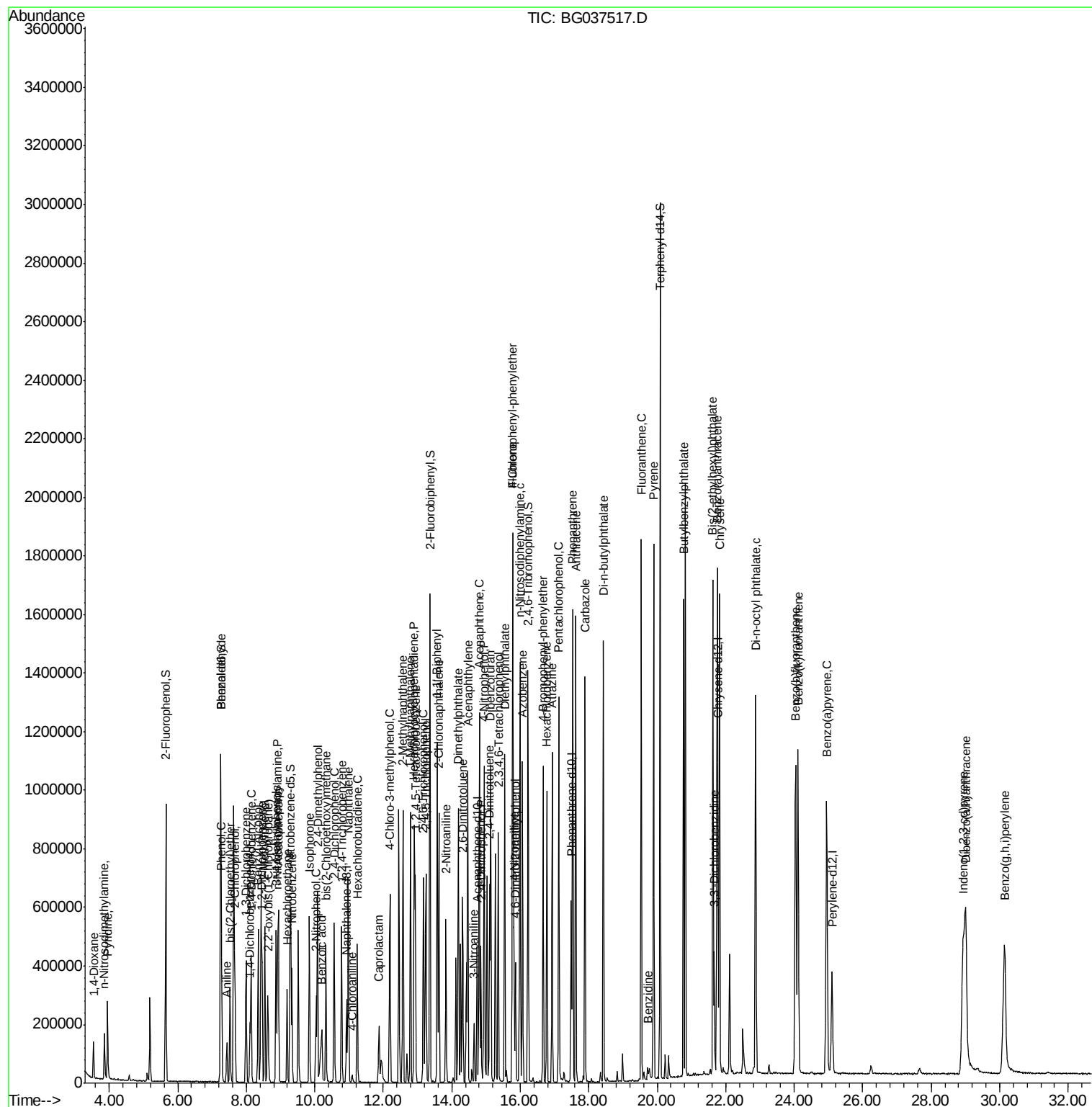
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	263849	100.971	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	188129	51.475	ng	95
44) 2,4,5-Trichlorophenol	13.25	196	201850	50.726	ng	97
46) 1,1'-Biphenyl	13.57	154	615412	43.815	ng	98
47) 2-Chloronaphthalene	13.62	162	487970	45.921	ng	99
48) 2-Nitroaniline	13.83	65	167414	51.953	ng	97
49) Acenaphthylene	14.47	152	816423	51.075	ng	99
50) Dimethylphthalate	14.19	163	657241	50.092	ng	100
51) 2,6-Dinitrotoluene	14.32	165	149819	51.617	ng	94
52) Acenaphthene	14.80	154	477909	48.546	ng	96
53) 3-Nitroaniline	14.65	138	53377	16.565	ng	# 97
54) 2,4-Dinitrophenol	14.86	184	123408	89.118	ng	95
55) Dibenzofuran	15.14	168	762674	46.759	ng	98
56) 4-Nitrophenol	14.95	139	321972	134.994	ng	99
57) 2,4-Dinitrotoluene	15.10	165	208041	54.603	ng	98
58) Fluorene	15.78	166	624010	51.089	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178125	52.282	ng	98
60) Diethylphthalate	15.54	149	682191	50.644	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	328385	46.126	ng	100
62) 4-Nitroaniline	15.81	138	158445	49.486	ng	94
63) Azobenzene	16.07	77	640128	49.807	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	101602	48.109	ng	99
66) n-Nitrosodiphenylamine	15.99	169	576761	47.666	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	210056	47.551	ng	98
68) Hexachlorobenzene	16.78	284	209581	45.777	ng	99
69) Atrazine	16.93	200	212684	48.616	ng	98
70) Pentachlorophenol	17.12	266	256060	83.497	ng	98
71) Phenanthrene	17.53	178	1032337	50.496	ng	99
72) Anthracene	17.62	178	1055900	52.629	ng	97
73) Carbazole	17.89	167	969716	48.319	ng	99
74) Di-n-butylphthalate	18.43	149	1162178	52.057	ng	100
75) Fluoranthene	19.53	202	1197325	51.637	ng	97
77) Benzidine	19.72	184	50562	4.149	ng	# 94
78) Pyrene	19.90	202	1203074	51.351	ng	100
80) Butylbenzylphthalate	20.77	149	533046	55.593	ng	98
81) Benzo(a)anthracene	21.75	228	1129871	53.300	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	160236	19.501	ng	98
83) Chrysene	21.82	228	1053666	51.691	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	735249	54.706	ng	98
85) Di-n-octyl phthalate	22.87	149	1248653	56.974	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1202168	54.987	ng	98
88) Benzo(b)fluoranthene	24.04	252	1137287	55.166	ng	98
89) Benzo(k)fluoranthene	24.11	252	1061281	52.544	ng	# 97
90) Benzo(a)pyrene	24.95	252	1087252	55.501	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	995389	55.085	ng	97
92) Benzo(g,h,i)perylene	30.14	276	972062	53.172	ng	99

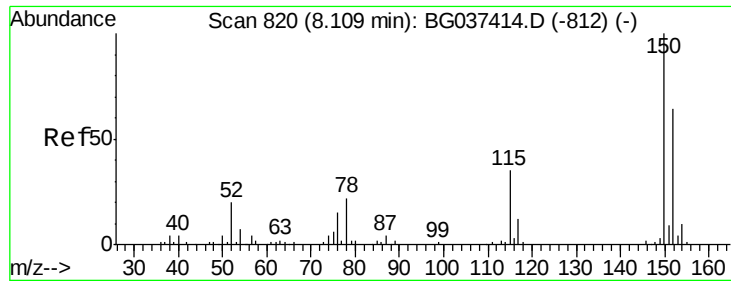
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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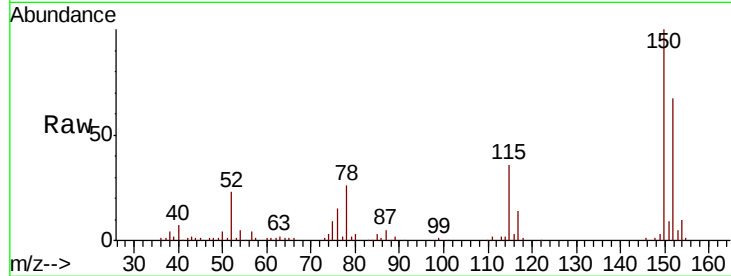


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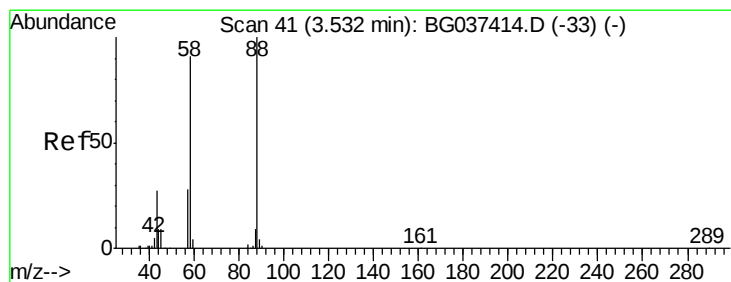
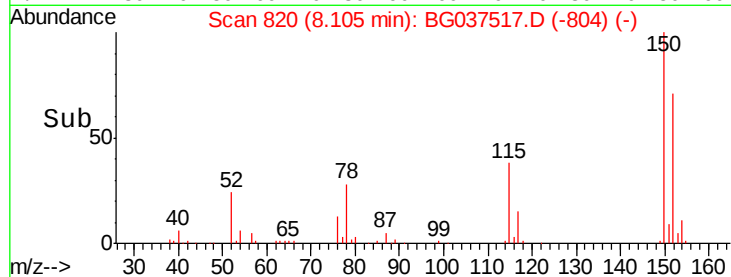
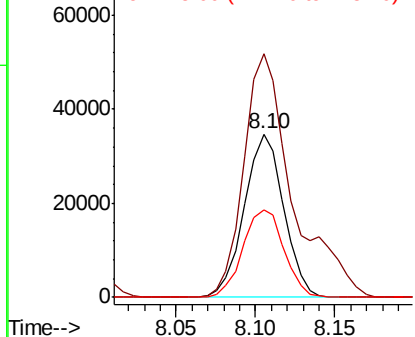
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60144
Ion Ratio Lower Upper
152 100
150 149.0 126.0 189.0
115 53.9 45.5 68.3



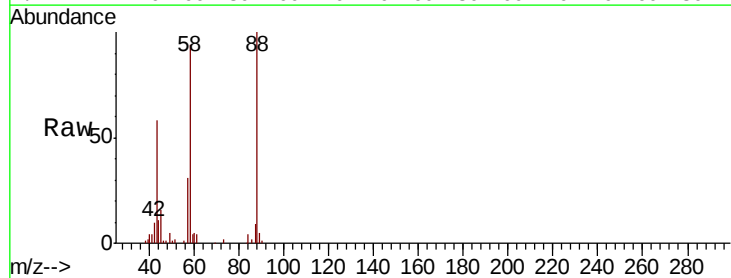
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



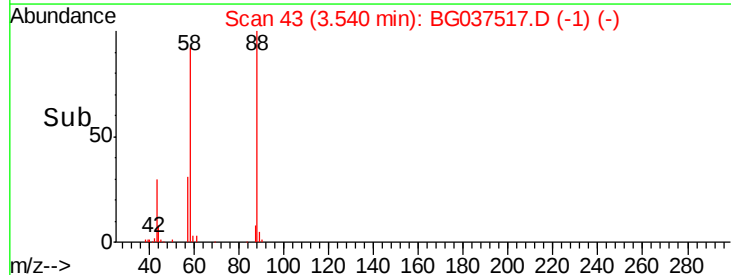
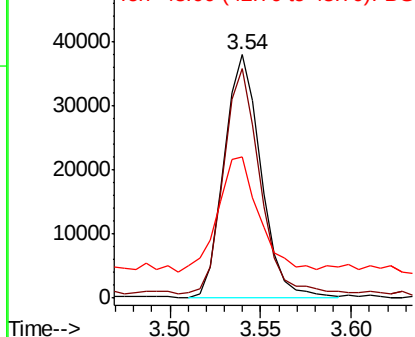
#2

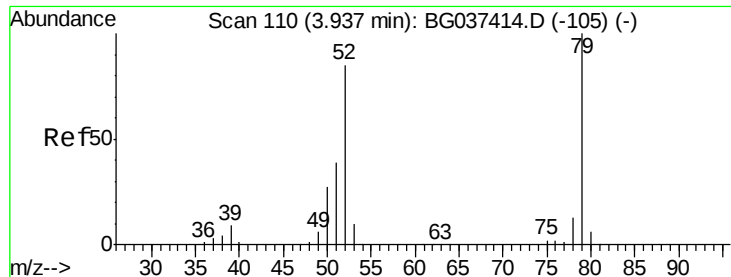
1,4-Dioxane
Concen: 29.546 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion: 88 Resp: 53903
Ion Ratio Lower Upper
88 100
58 89.5 74.4 111.6
43 53.1 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: 28.824 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampled :

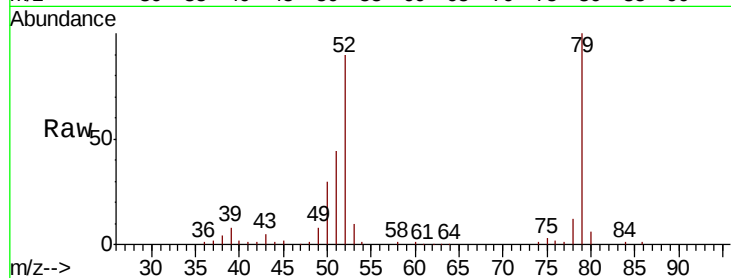
Tot Ion: 79 Resp: 132539

Ion Ratio Lower Upper

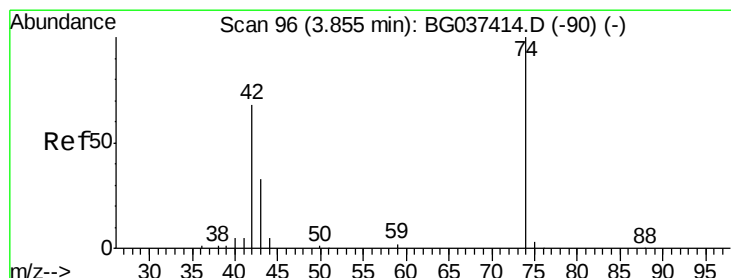
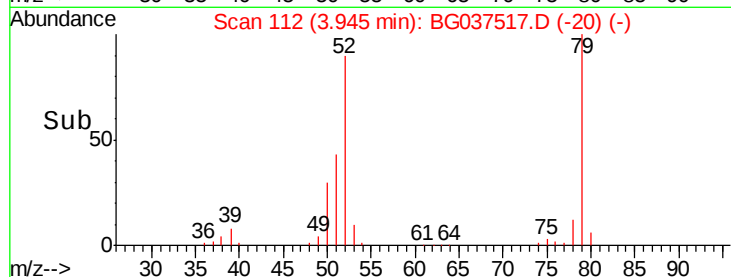
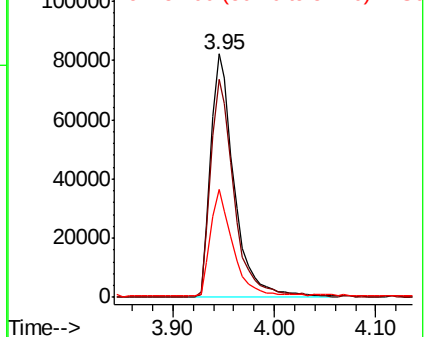
79 100

52 89.7 74.2 111.2

51 44.4 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 47.938 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

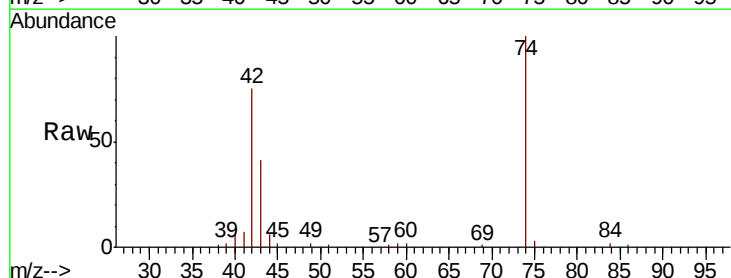
Tgt Ion: 42 Resp: 78514

Ion Ratio Lower Upper

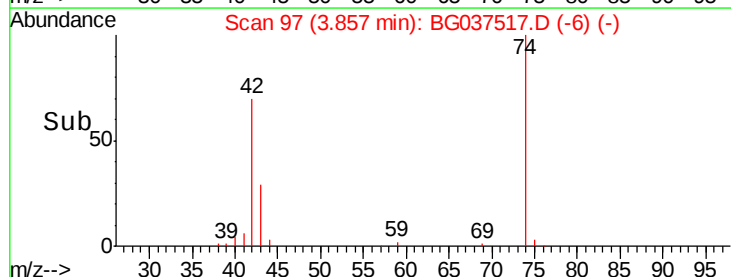
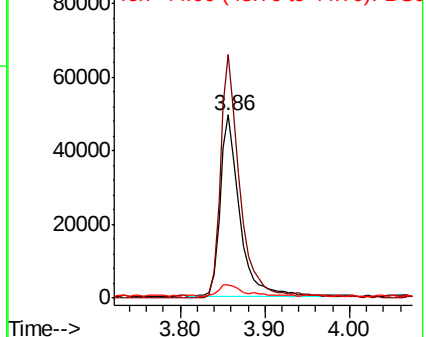
42 100

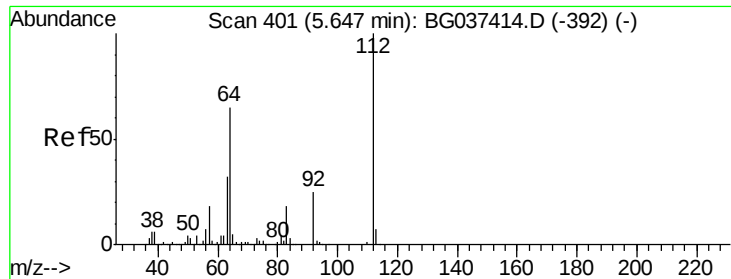
74 133.2 102.0 153.0

44 7.5 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 119.125 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

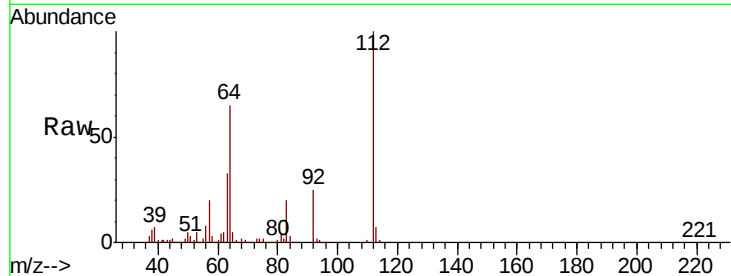
Tot Ion:112 Resp: 428545

Ion Ratio Lower Upper

112 100

64 64.9 53.1 79.7

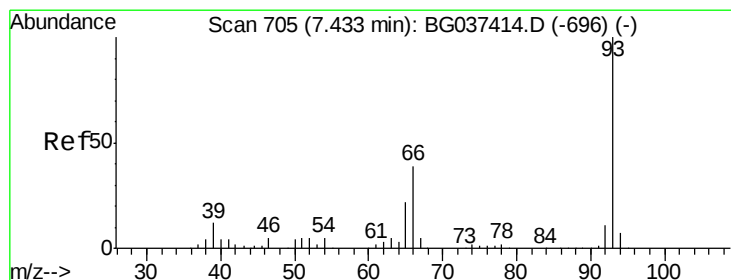
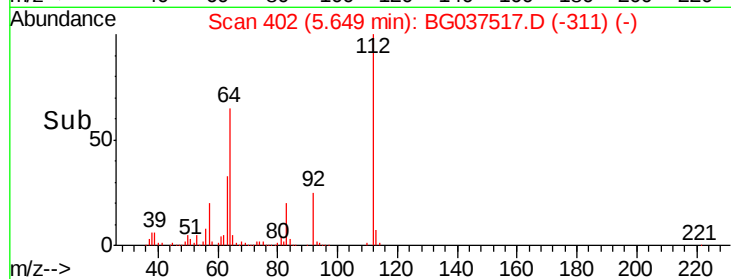
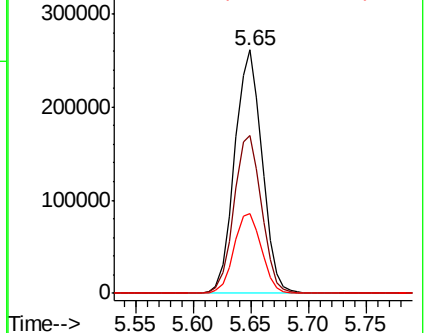
63 32.6 27.3 40.9



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: 14.149 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

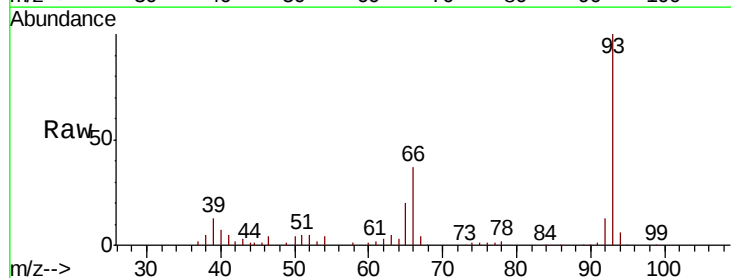
Tgt Ion: 93 Resp: 93898

Ion Ratio Lower Upper

93 100

66 37.3 32.8 49.2

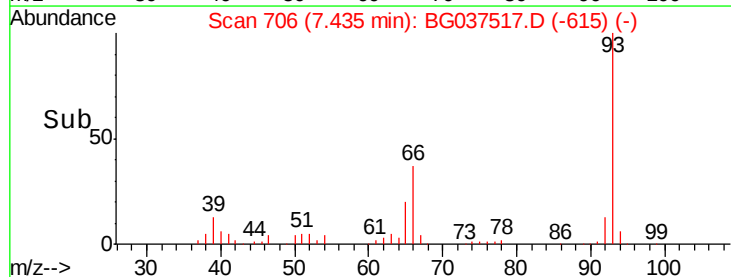
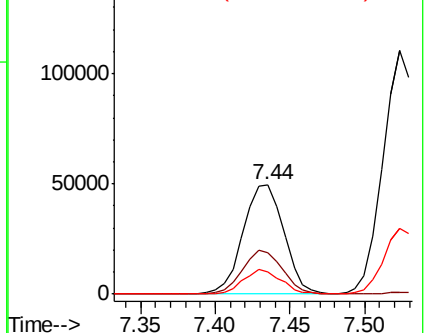
65 19.8 16.4 24.6

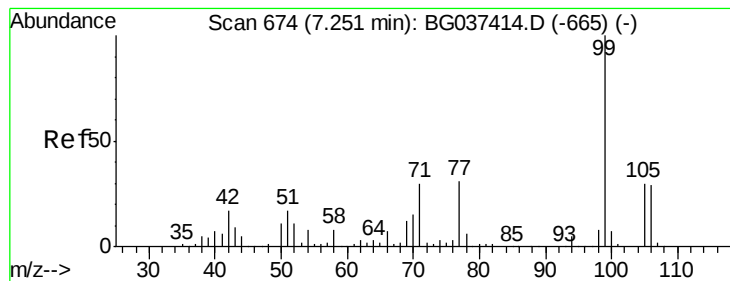


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.698 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

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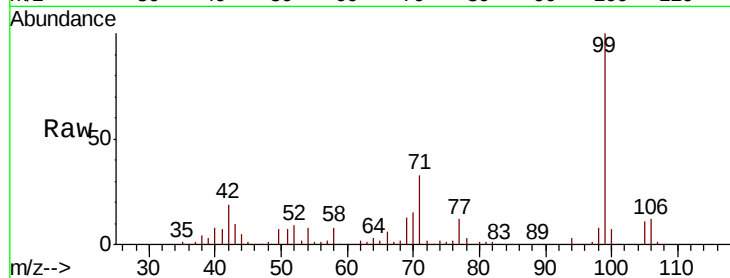
Tot Ion: 99 Resp: 591296

Ion Ratio Lower Upper

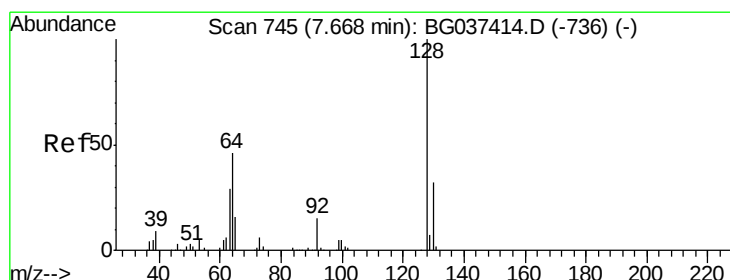
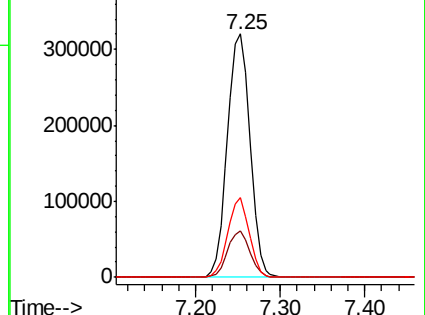
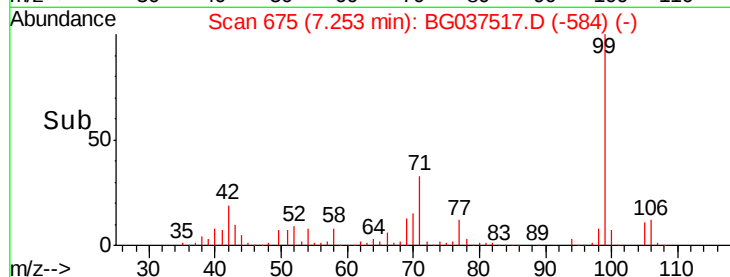
99 100

42 19.0 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: 46.190 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

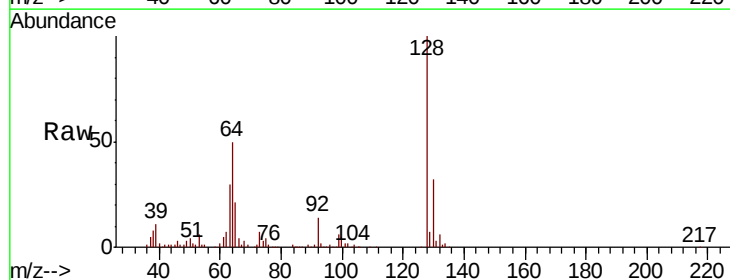
Tgt Ion:128 Resp: 194390

Ion Ratio Lower Upper

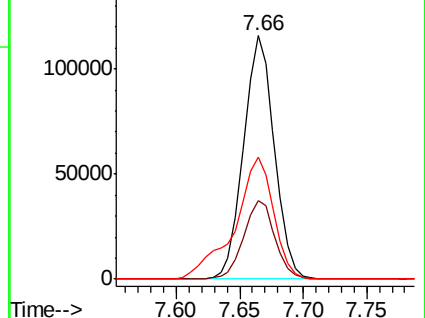
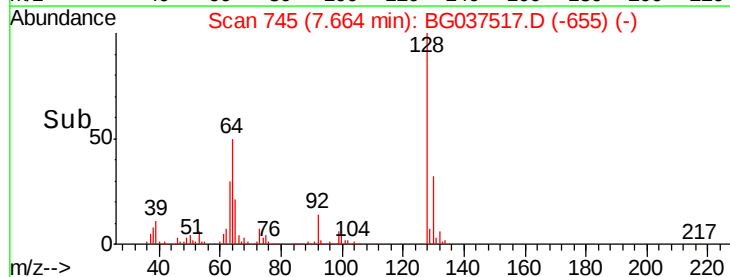
128 100

130 32.5 12.0 52.0

64 50.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.898 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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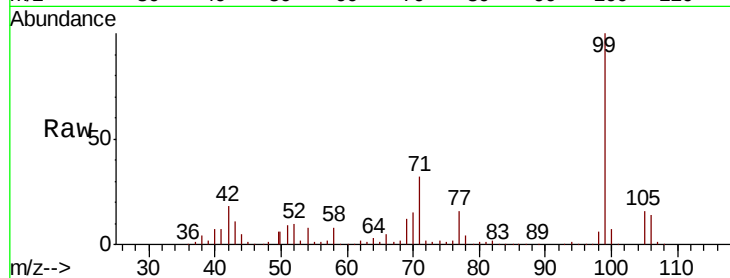
Tot Ion: 77 Resp: 88127

Ion Ratio Lower Upper

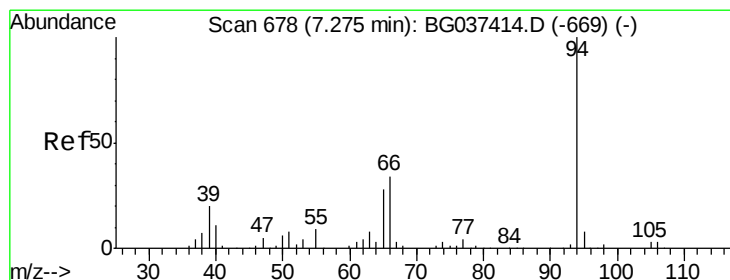
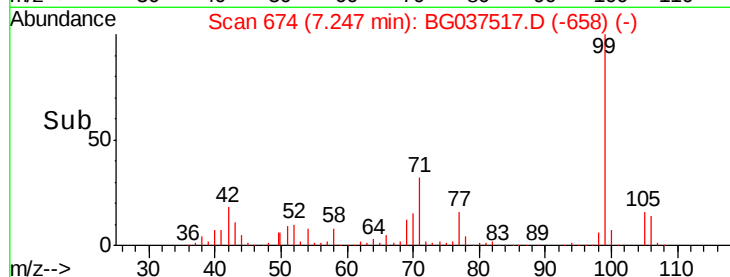
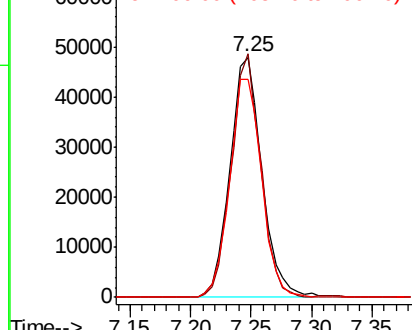
77 100

105 101.4 72.6 112.6

106 90.9 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: 41.952 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

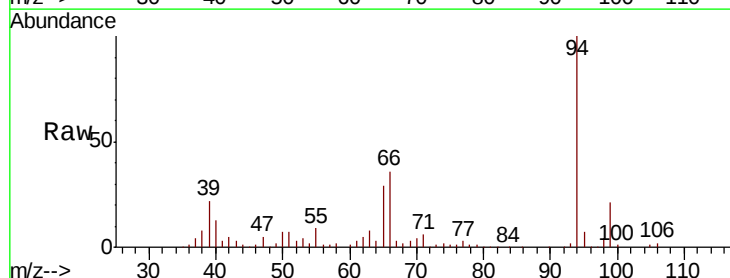
Tgt Ion: 94 Resp: 240785

Ion Ratio Lower Upper

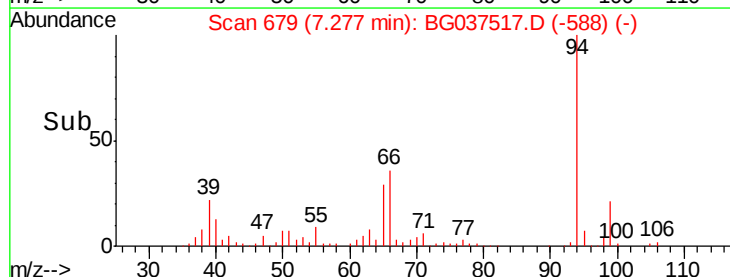
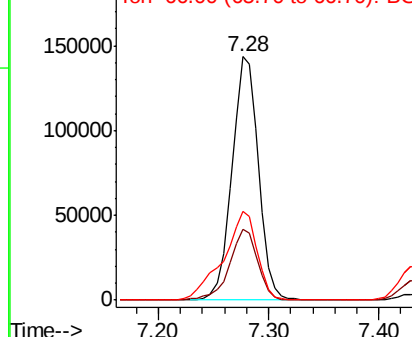
94 100

65 28.9 9.7 49.7

66 36.4 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

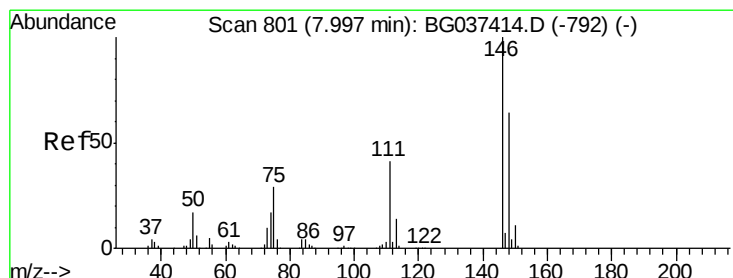
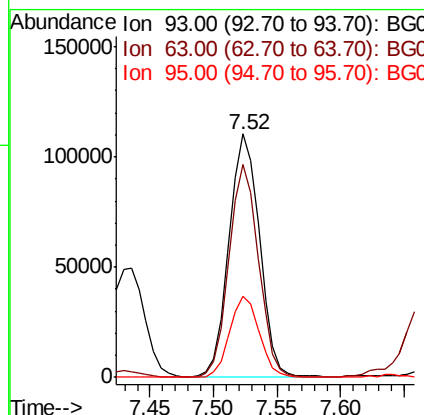
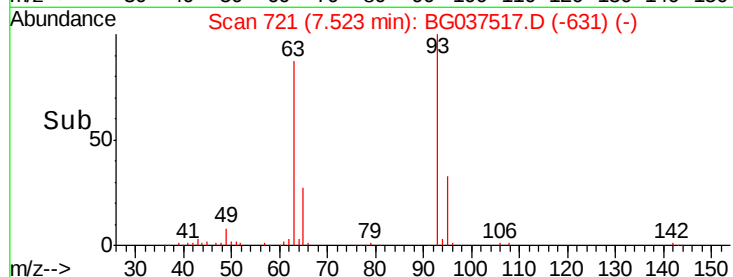
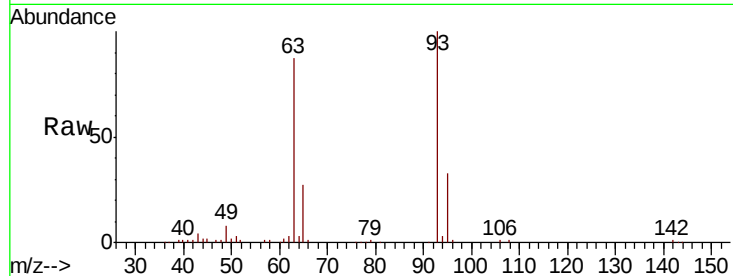




#11
 bis(2-Chloroethyl)ether
 Concen: 42.268 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

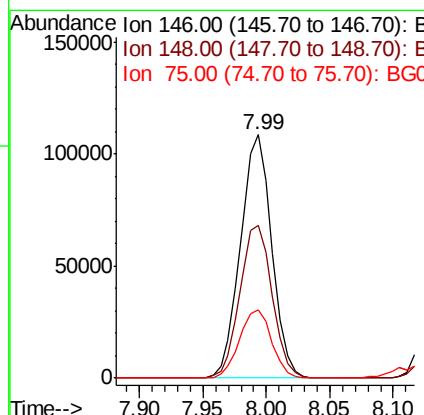
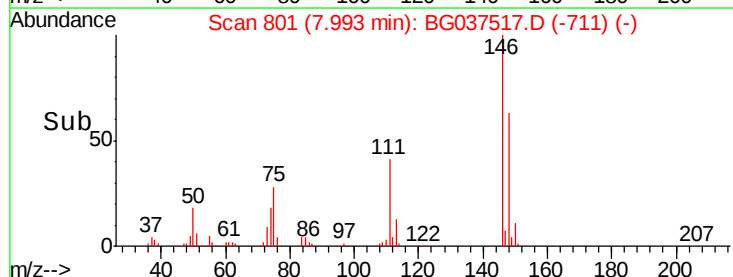
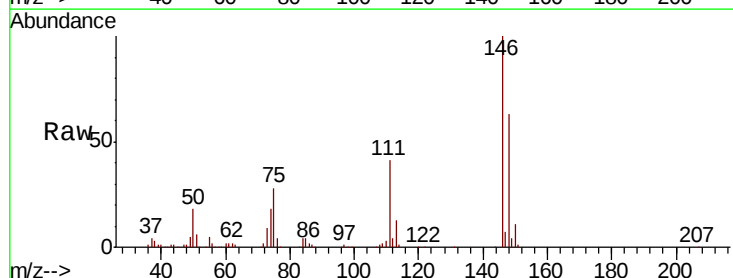
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 184256
 Ion Ratio Lower Upper
 93 100
 63 87.2 69.5 109.5
 95 33.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.595 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion: 146 Resp: 185508
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.8 74.8
 75 28.2 23.2 34.8

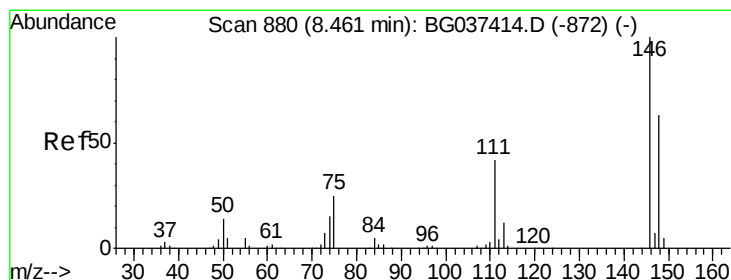
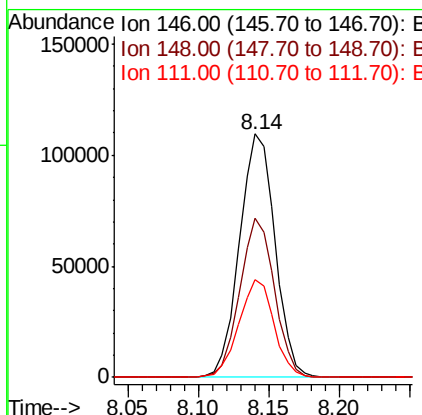
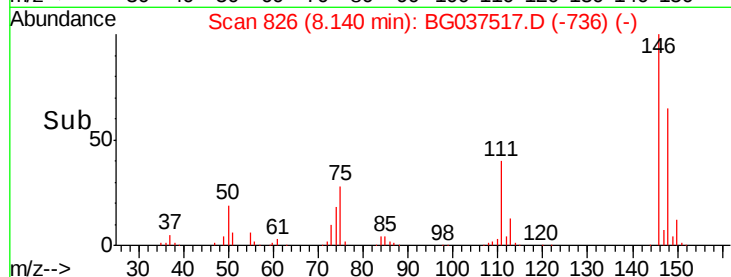
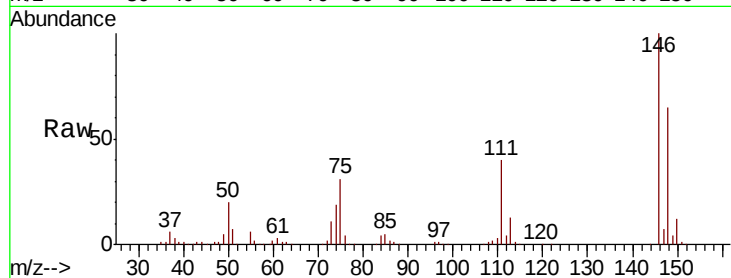




#13
 1,4-Dichlorobenzene
 Concen: 40.171 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

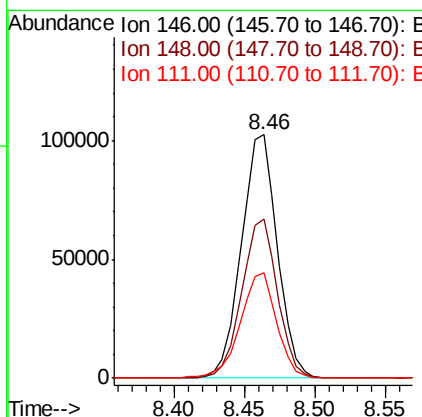
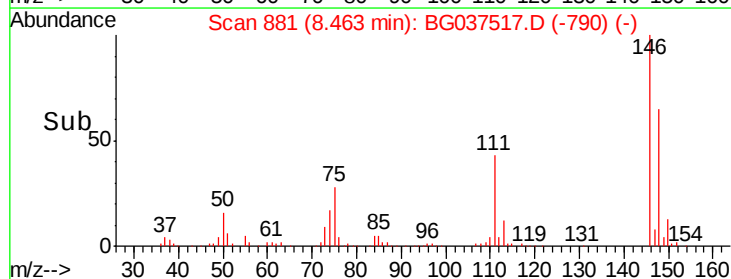
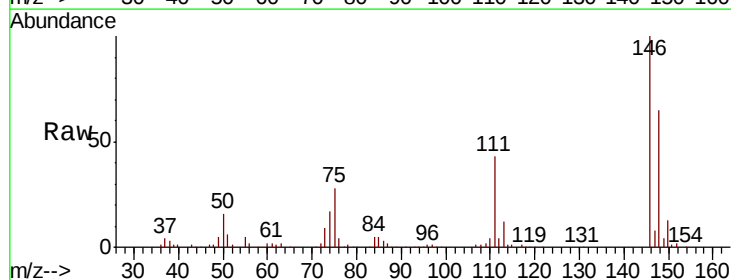
Instrument :
 BNA_G
 ClientSampled :

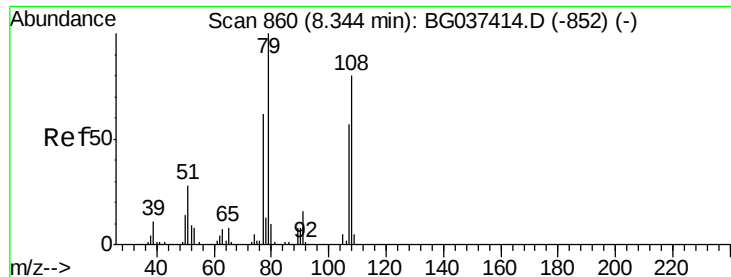
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	40.3	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.530 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.652 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampled :

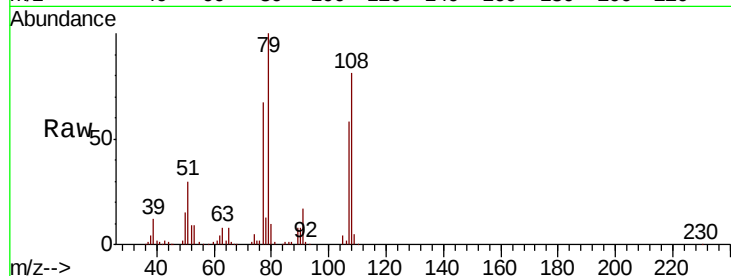
Tot Ion: 79 Resp: 187514

Ion Ratio Lower Upper

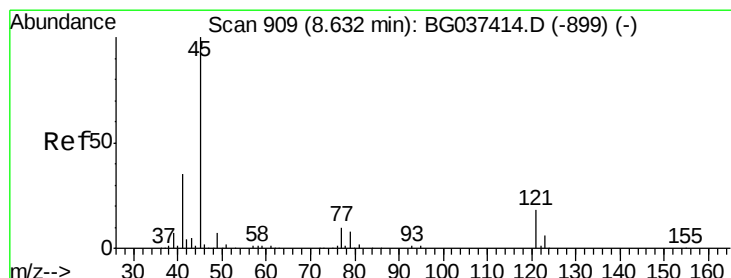
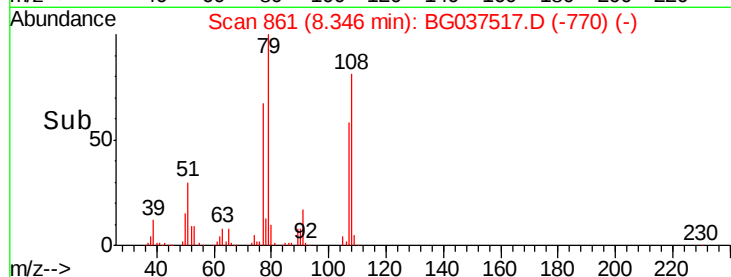
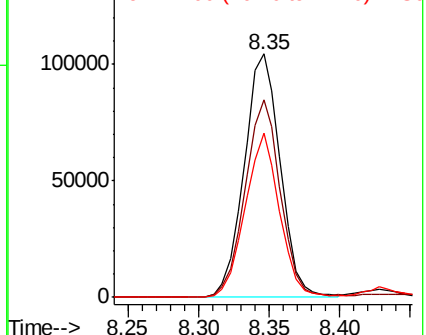
79 100

108 81.0 65.8 98.8

77 67.3 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: 43.808 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

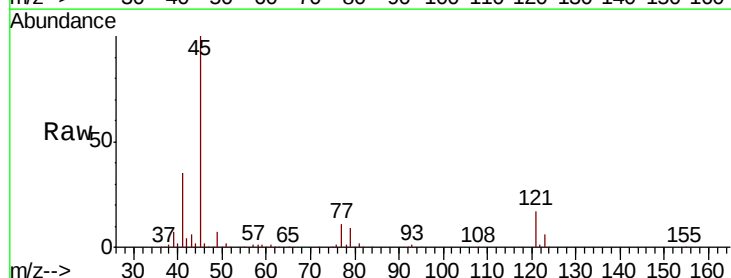
Tgt Ion: 45 Resp: 341695

Ion Ratio Lower Upper

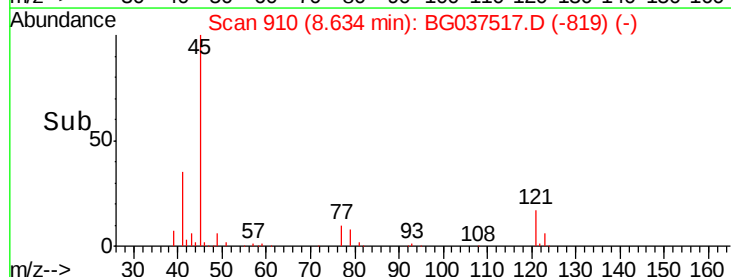
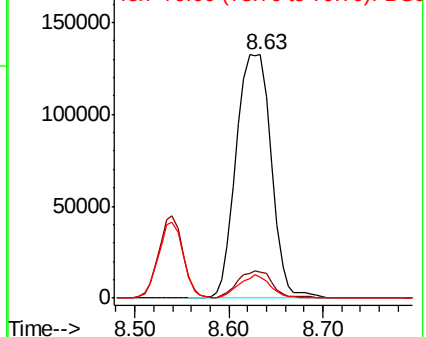
45 100

77 10.9 0.0 30.0

79 8.6 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

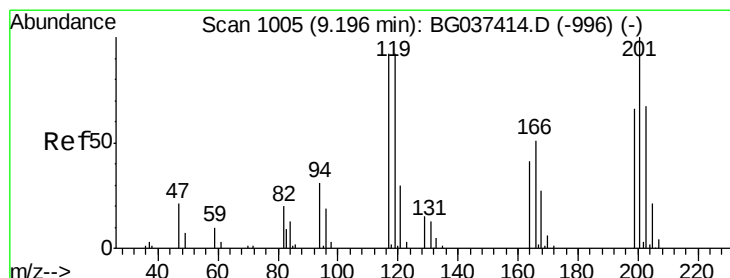
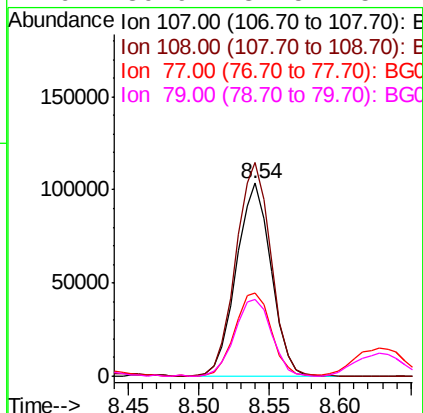
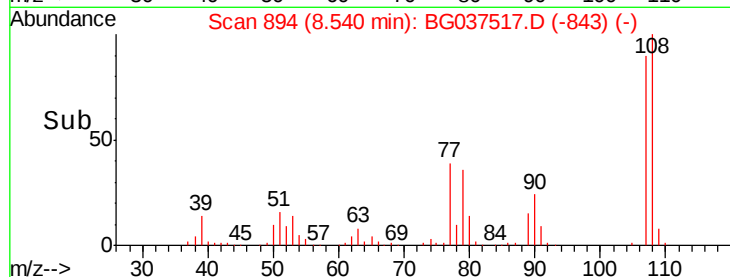
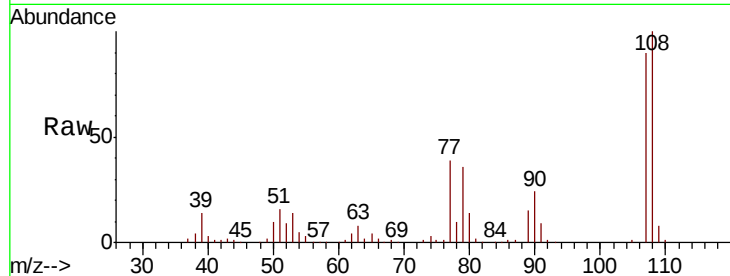




#17
2-Methylphenol
Concen: 47.216 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

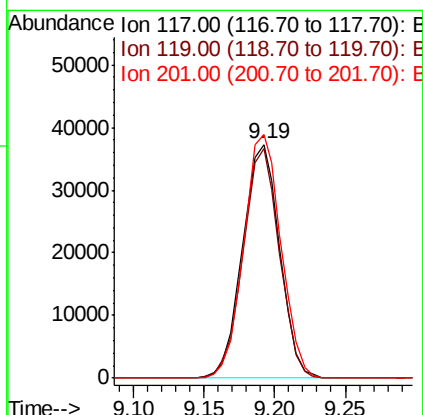
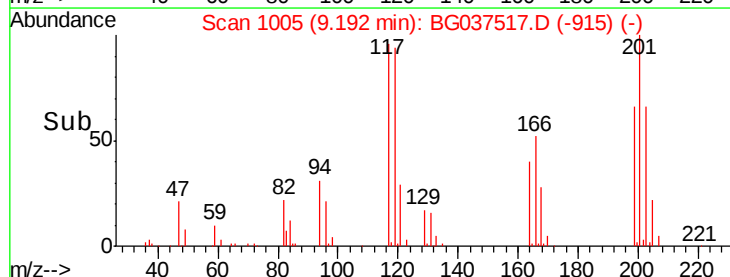
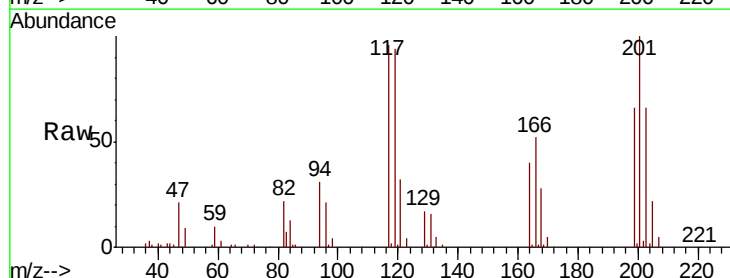
Instrument :
BNA_G
ClientSampleId :

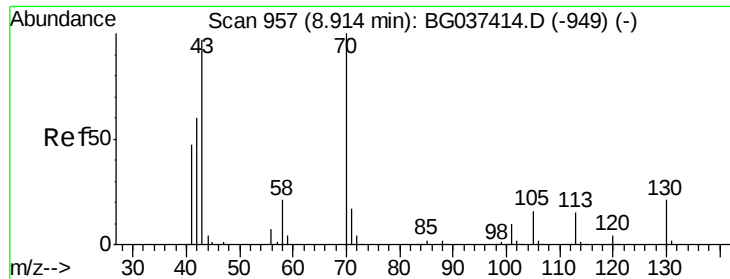
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.9	131.9
77	43.3	35.1	52.7
79	39.9	34.5	51.7



#18
Hexachloroethane
Concen: 42.031 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.6	111.8
201	106.9	80.8	121.2

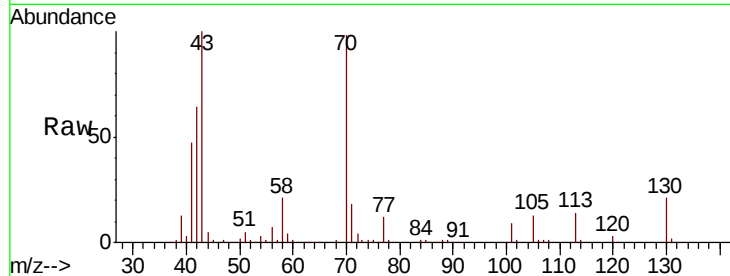




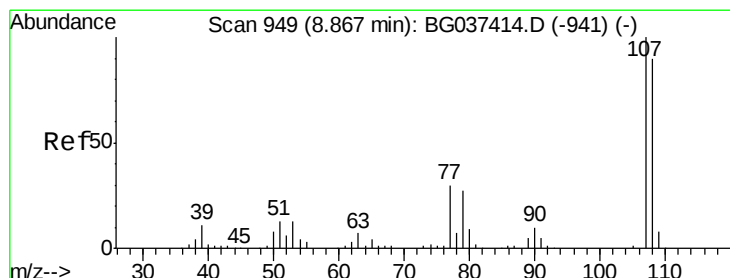
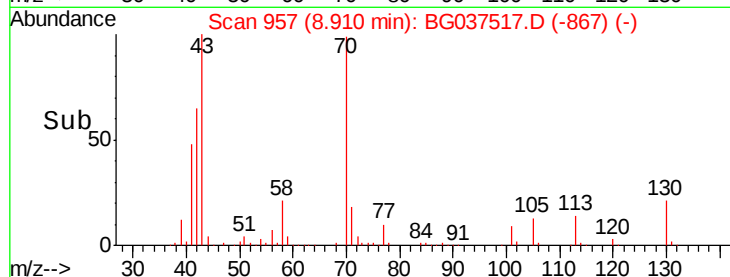
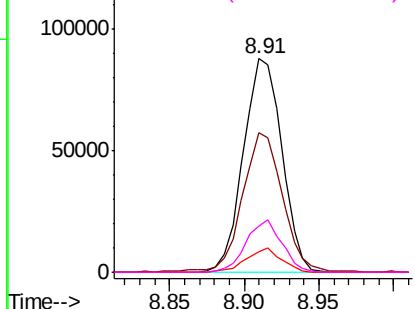
#19
 n-Nitroso-di-n-propylamine
 Concen: 41.832 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	70	Resp:	156697
Ion	Ratio	Lower	Upper
70	100		
42	65.3	53.9	80.9
101	9.6	8.2	12.2
130	21.6	18.2	27.4

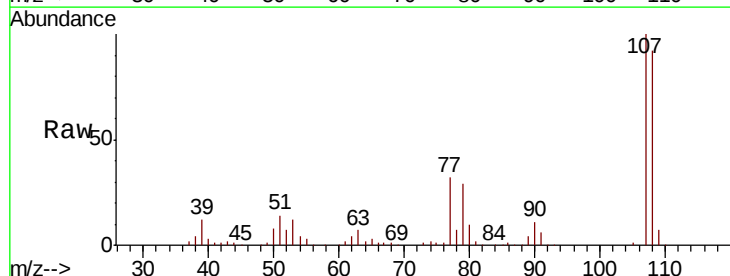


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

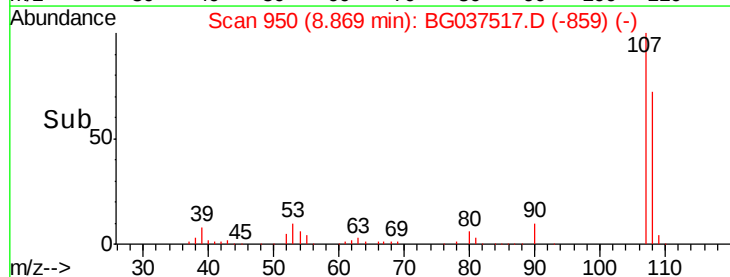
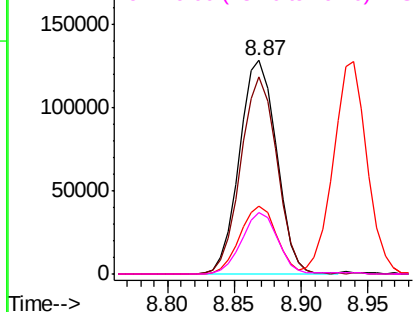


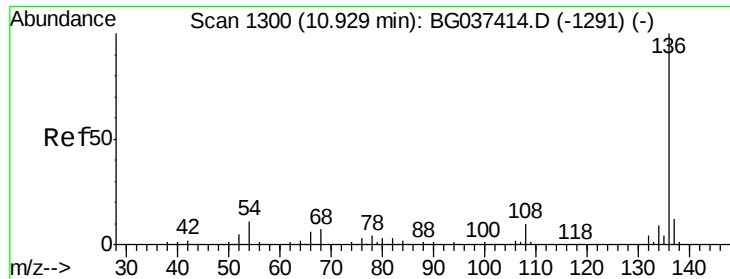
#20
 3+4-Methylphenols
 Concen: 45.645 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion:	107	Resp:	247629
Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.9	109.9
77	31.8	11.2	51.2
79	28.6	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

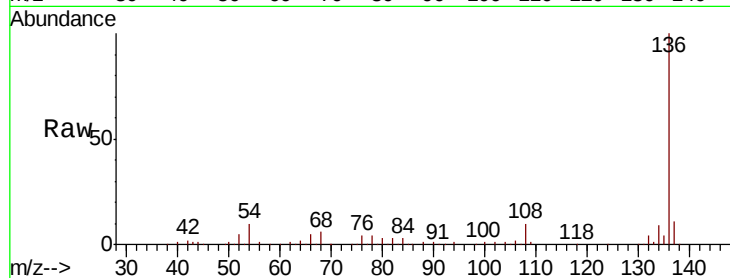




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253828	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.6	14.4	
54 10.3	7.9	11.9	
68 6.4	4.8	7.2	



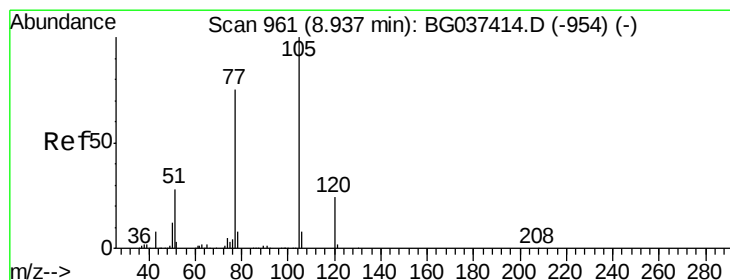
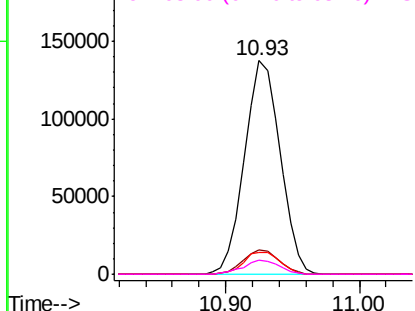
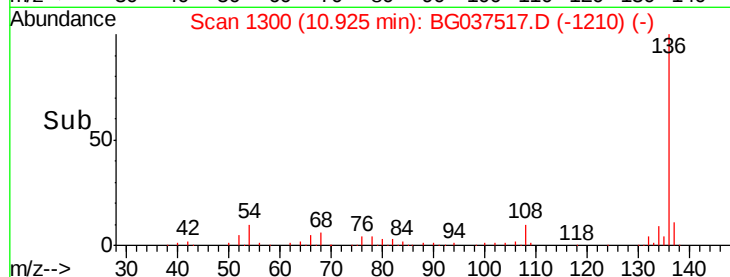
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

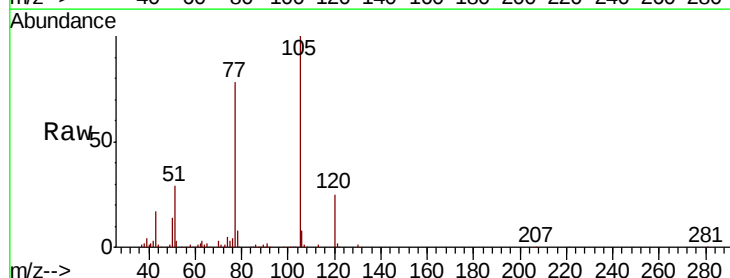
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.756 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt	Ion:105	Resp:	291276
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	29.2	25.0	37.6
120	25.1	18.6	28.0



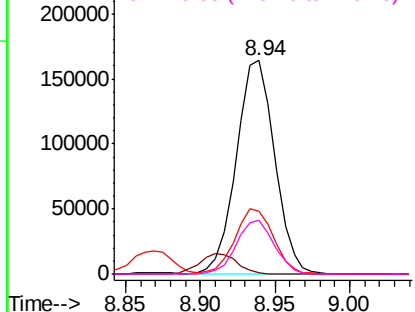
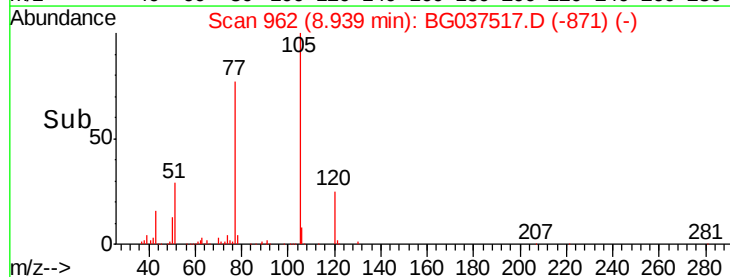
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

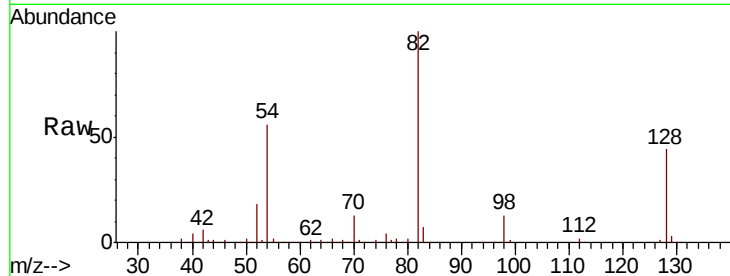




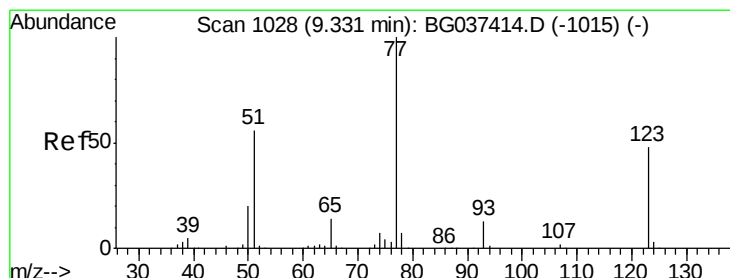
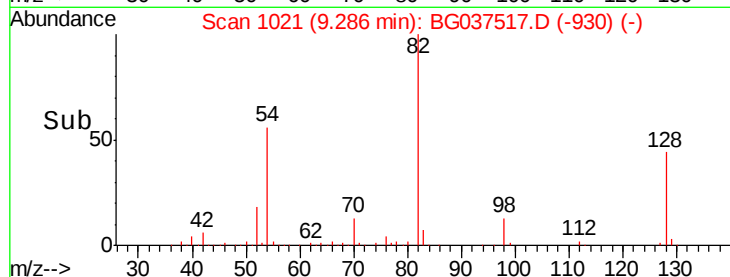
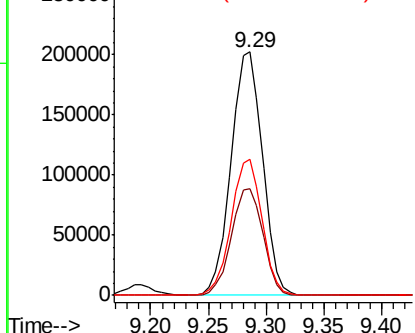
#23
Nitrobenzene-d5
Concen: 84.330 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	382107
Ion Ratio	100	Lower	Upper
128	43.6	34.6	51.8
54	56.1	45.3	67.9

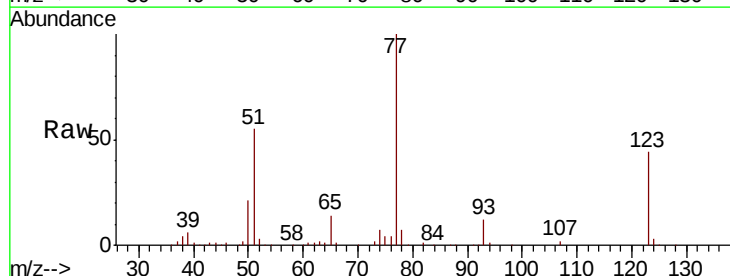


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

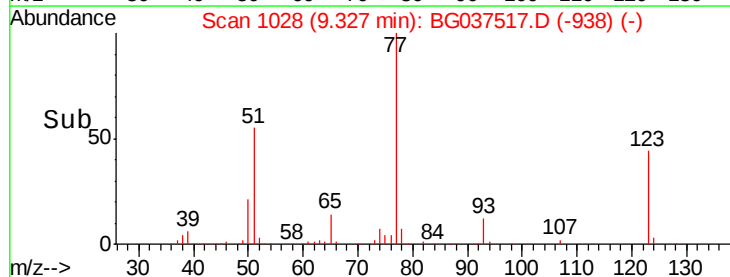
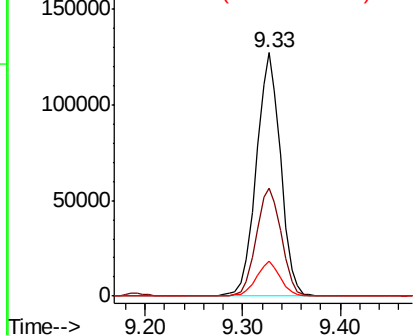


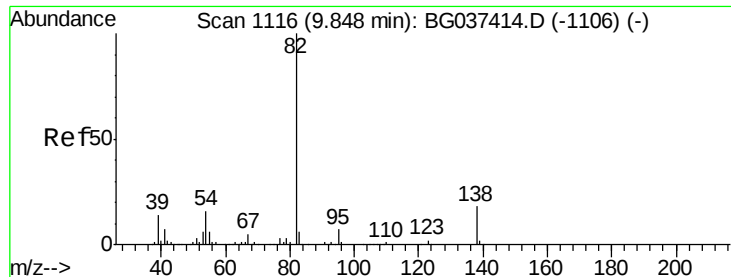
#24
Nitrobenzene
Concen: 47.304 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	77	Resp	222667
Ion Ratio	100	Lower	Upper
123	44.2	33.6	50.4
65	14.2	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: 54.947 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

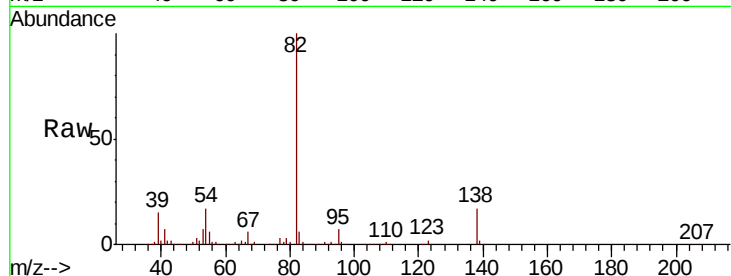
Tot Ion: 82 Resp: 454911

Ion Ratio Lower Upper

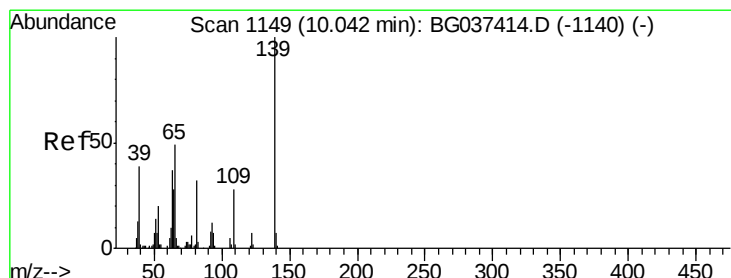
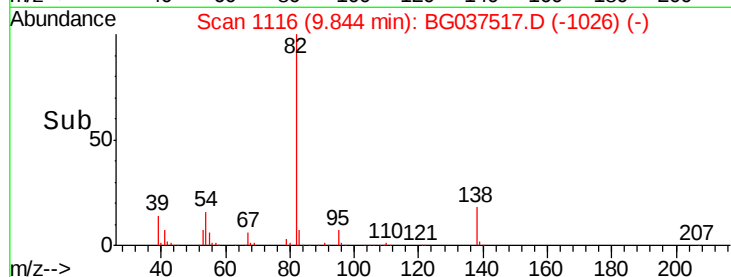
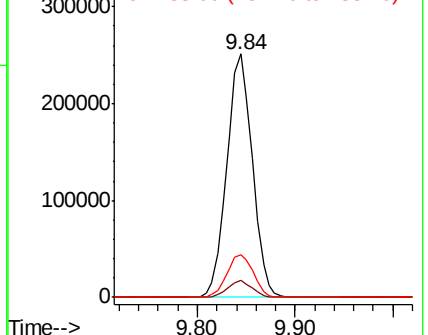
82 100

95 7.2 5.3 7.9

138 17.4 13.3 19.9



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



#26

2-Nitrophenol

Concen: 50.375 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

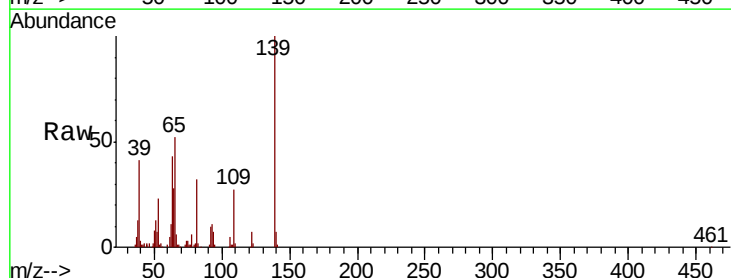
Tgt Ion: 139 Resp: 106822

Ion Ratio Lower Upper

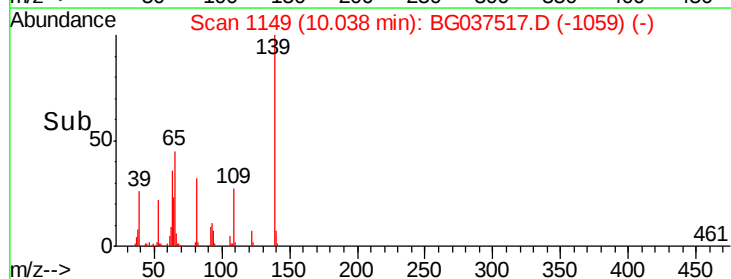
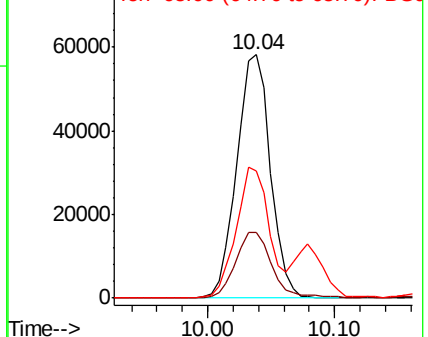
139 100

109 27.2 23.3 34.9

65 52.3 39.8 59.8



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

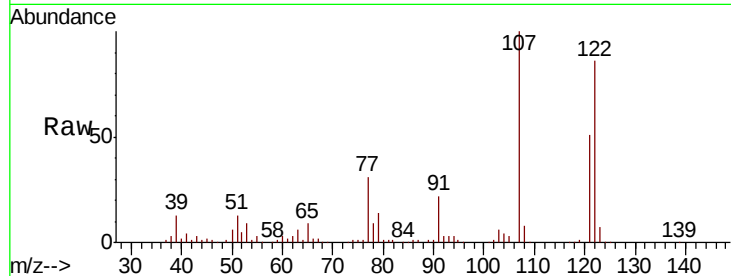




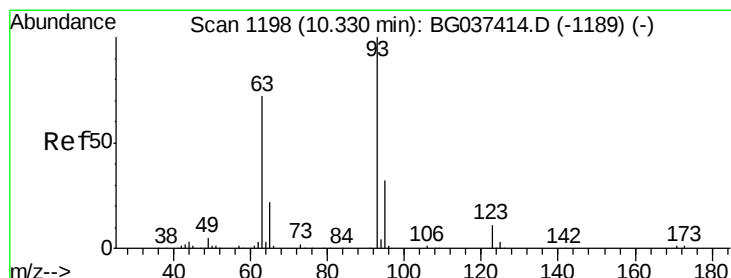
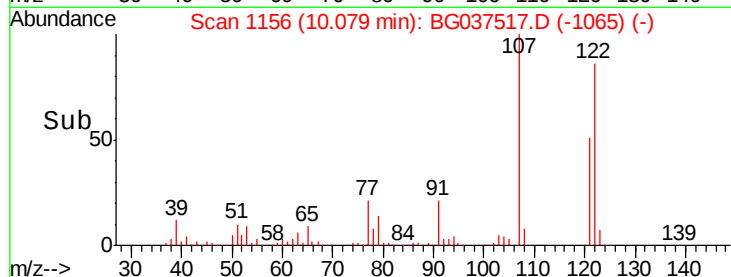
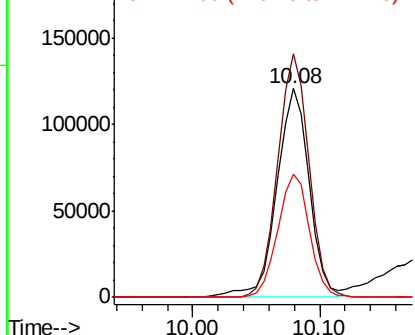
#27
 2,4-Dimethylphenol
 Concen: 56.868 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 215312
 Ion Ratio Lower Upper
 122 100
 107 116.8 94.2 141.2
 121 59.0 47.3 70.9

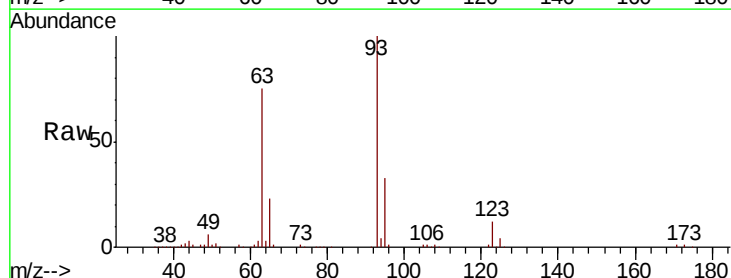


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

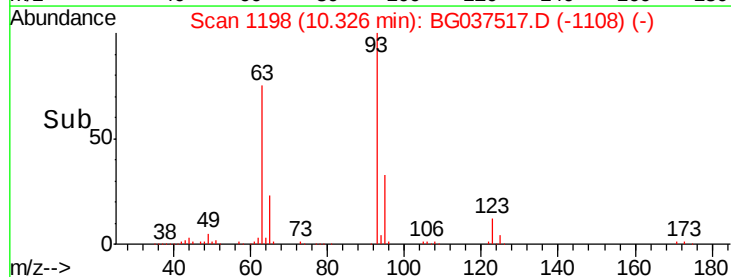
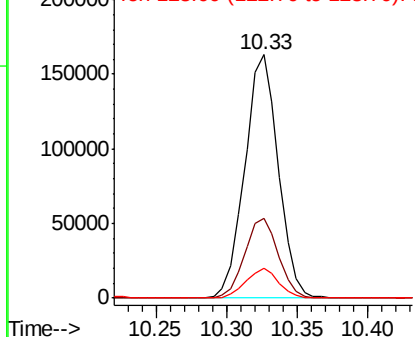


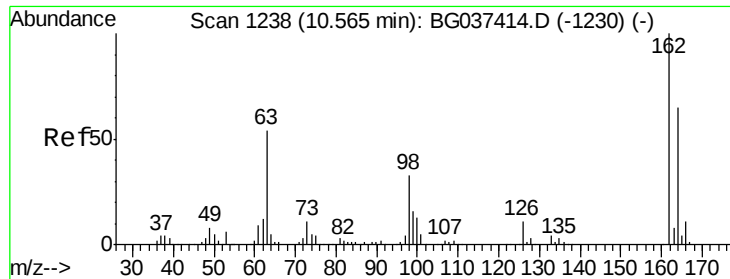
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.023 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion: 93 Resp: 271342
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.6 37.0
 123 12.1 9.1 13.7



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

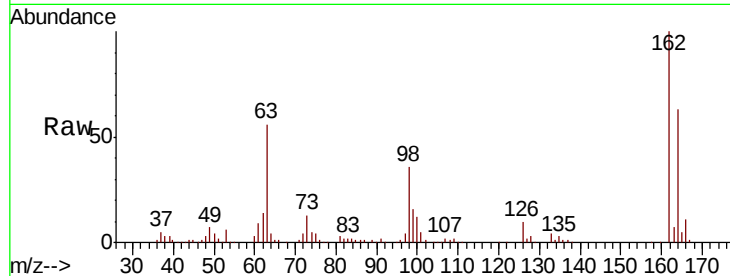




#29
 2,4-Dichlorophenol
 Concen: 51.282 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	35.9	16.0	56.0

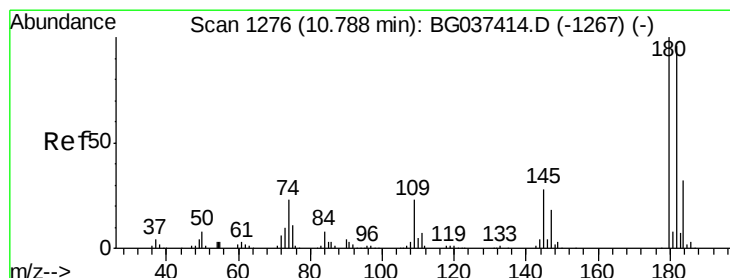
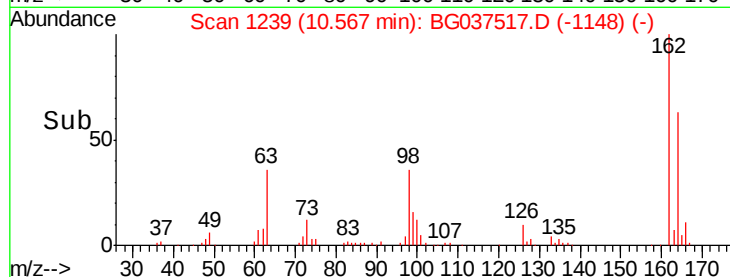
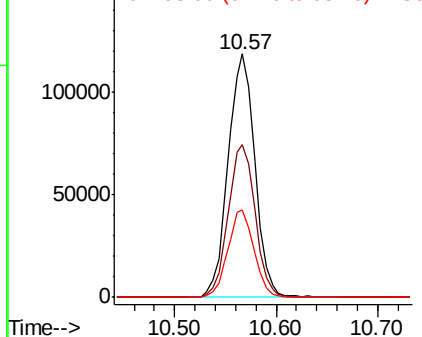


Abundance

Ion 162.00 (161.70 to 162.70): E

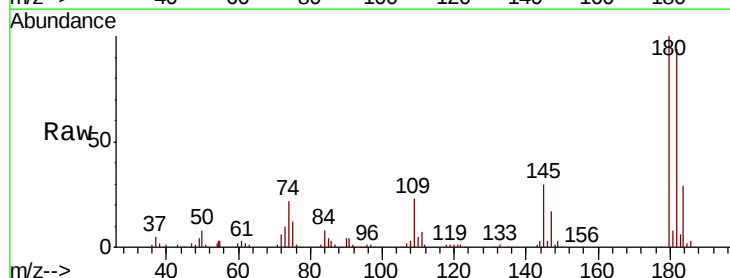
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.988 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.7	116.5
145	29.8	23.3	34.9

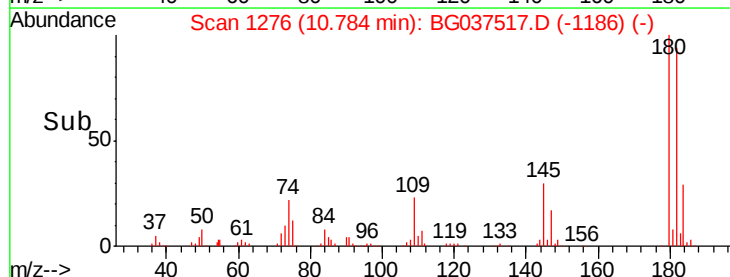
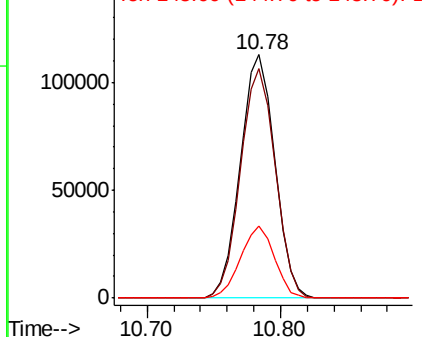


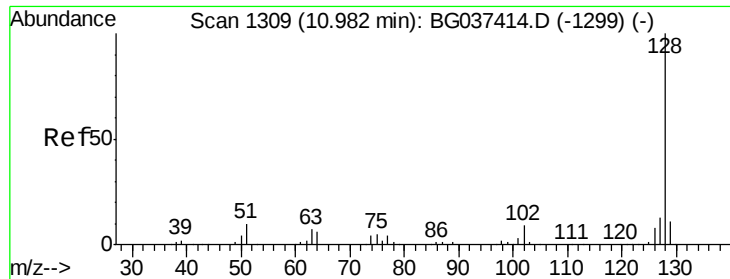
Abundance

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

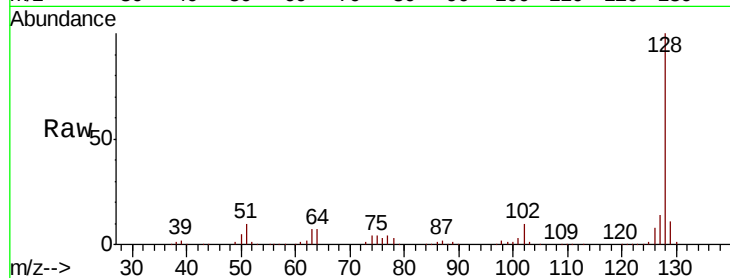




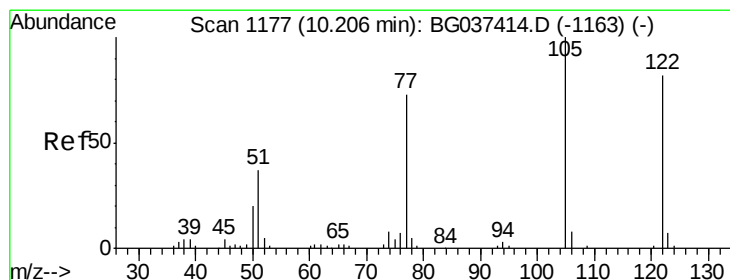
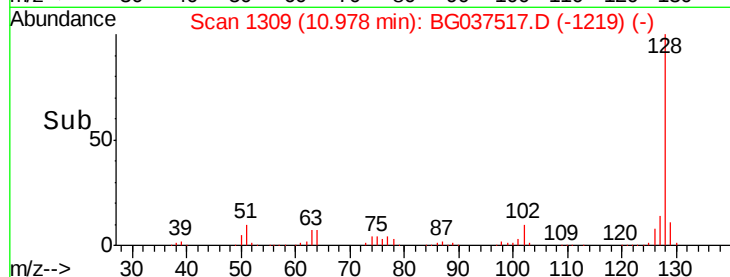
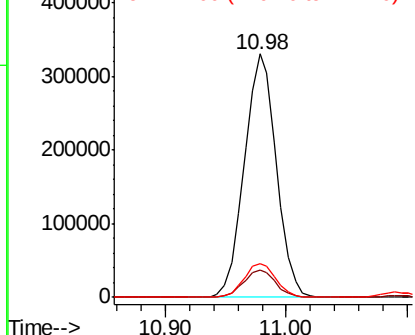
#31
Naphthalene
Concen: 48.636 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.9	11.1	16.7

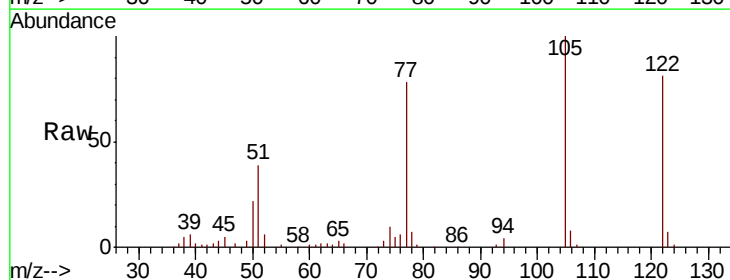


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

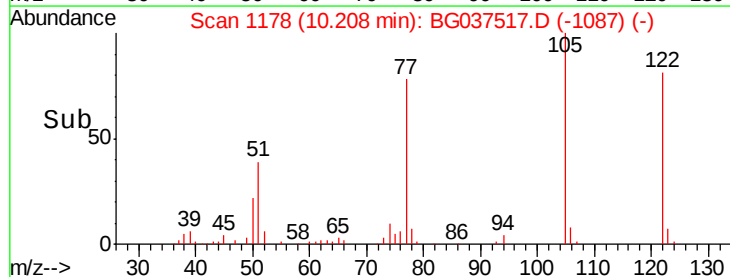
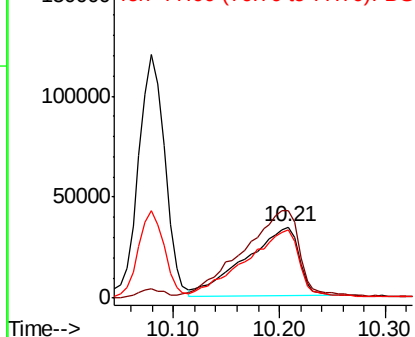


#32
Benzoic acid
Concen: 49.398 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	106.7	146.7
77	96.0	72.2	112.2



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

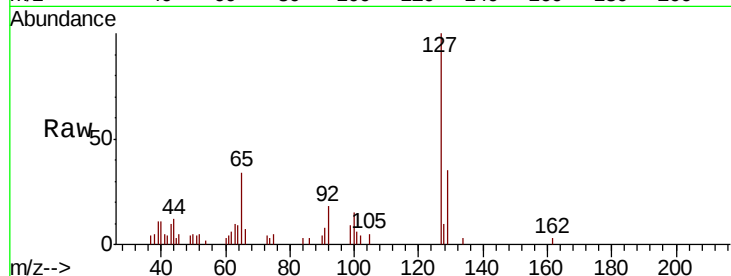




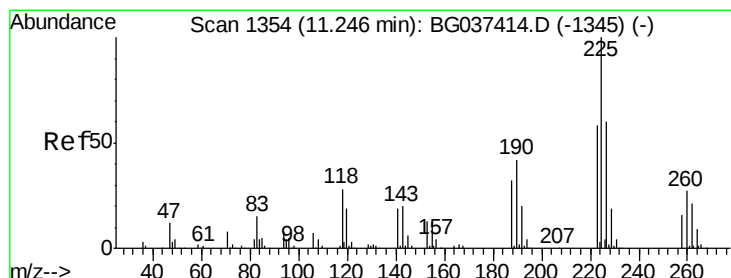
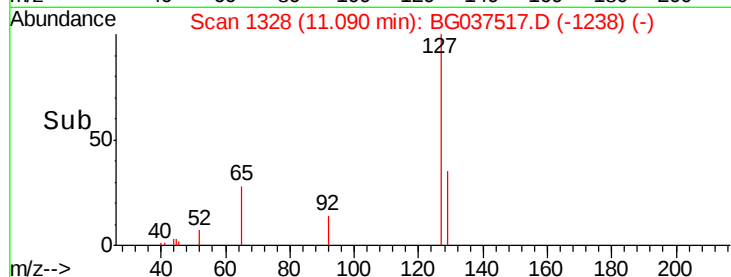
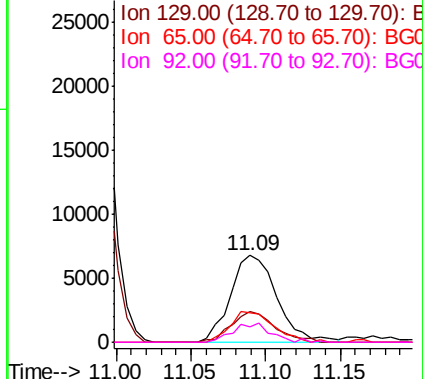
#33
4-Chloroaniline
Concen: 2.508 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	14692
Ion	Ratio	Lower Upper
127	100	
129	35.4	27.1 40.7
65	33.8	26.6 39.8
92	18.0	16.4 24.6

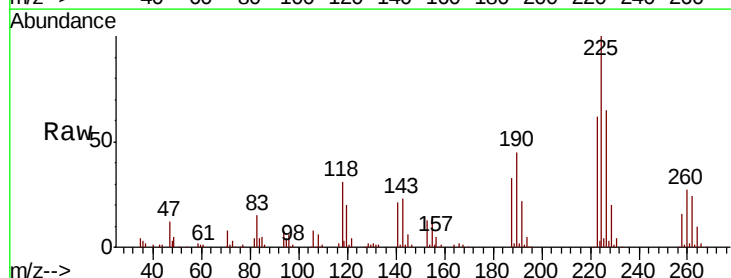


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

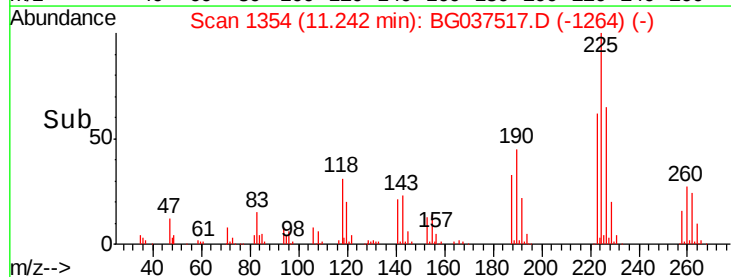
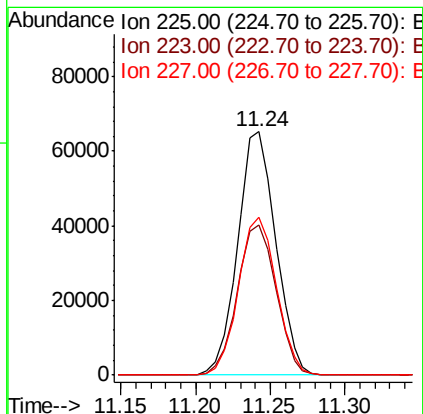


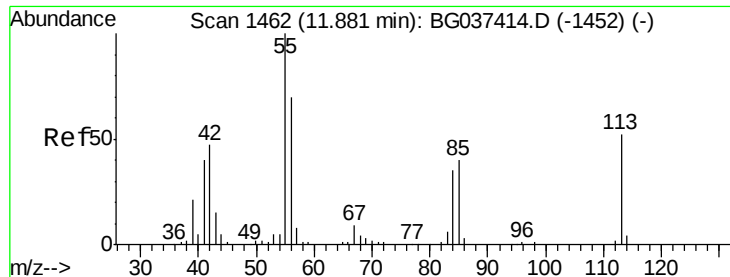
#34
Hexachlorobutadiene
Concen: 42.369 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:225	Resp:	115116
Ion	Ratio	Lower Upper
225	100	
223	59.2	48.2 72.4
227	65.0	51.6 77.4



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





#35

Caprolactam

Concen: 23.846 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

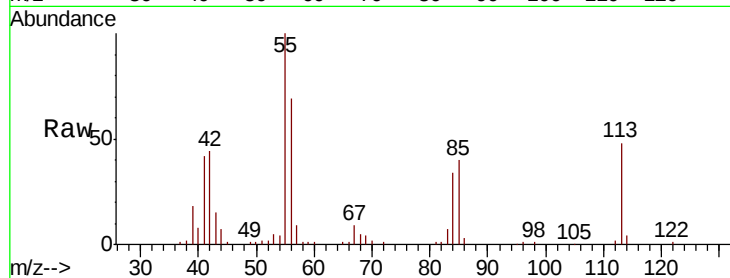
Tot Ion:113 Resp: 40316

Ion Ratio Lower Upper

113 100

55 206.2 176.6 216.6

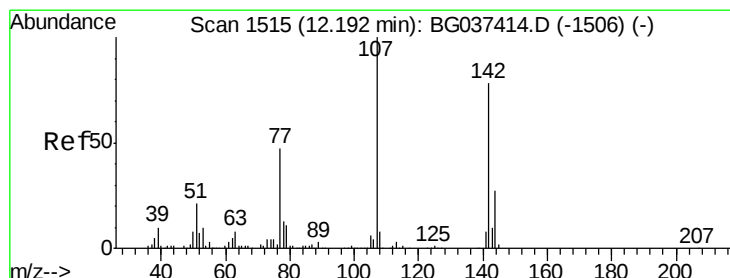
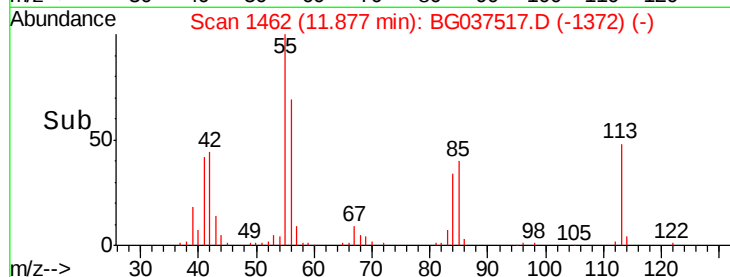
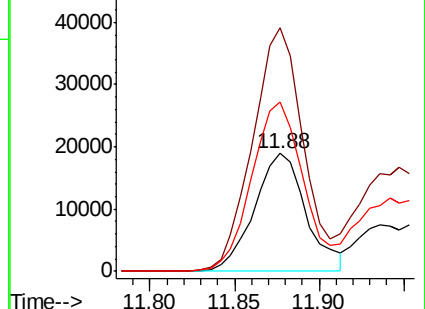
56 143.1 128.3 168.3



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: 51.439 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

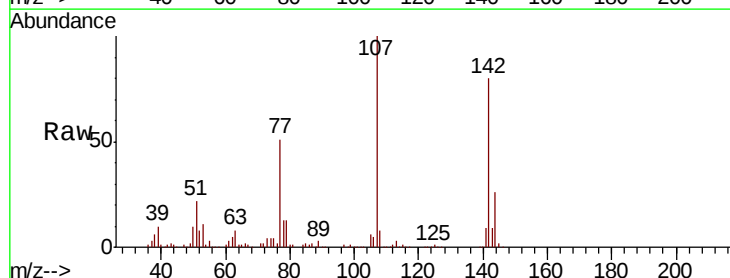
Tgt Ion:107 Resp: 244549

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

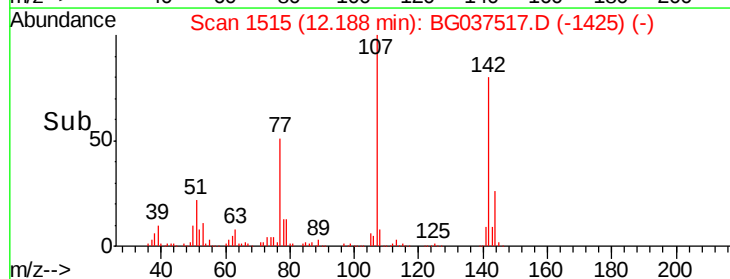
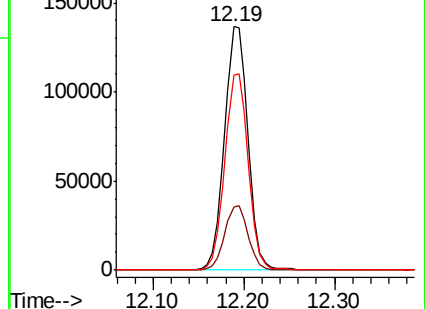
142 80.1 64.4 96.6

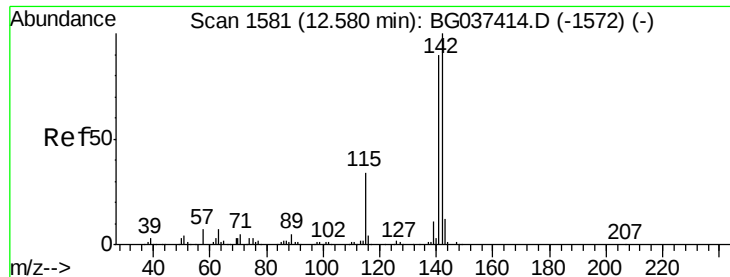


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

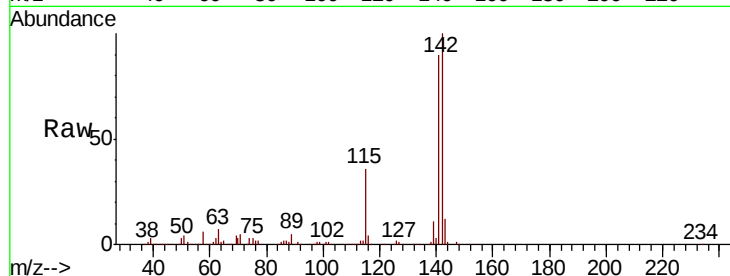




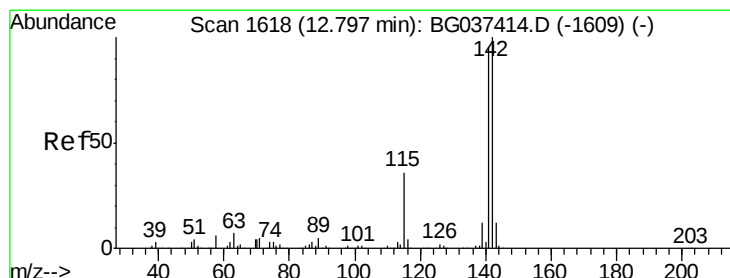
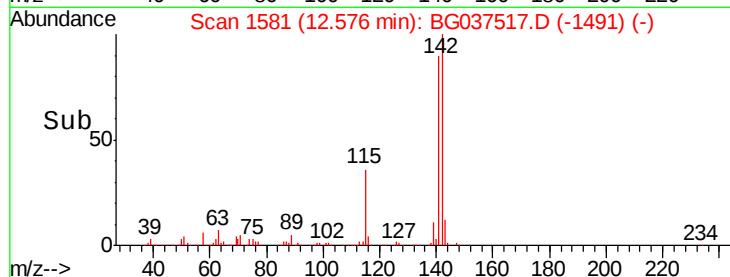
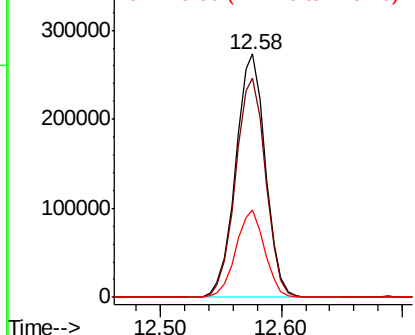
#37
2-Methylnaphthalene
Concen: 51.545 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	35.9	27.8	41.8

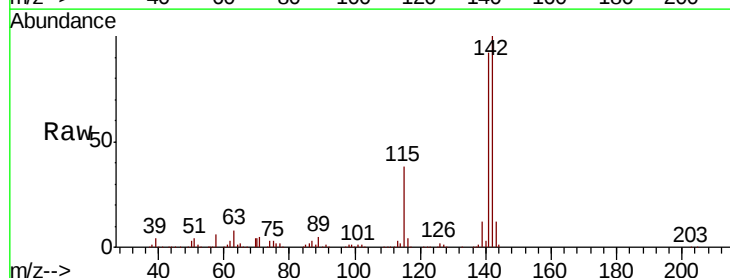


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

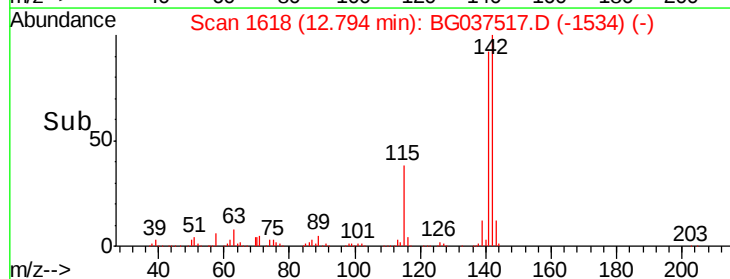
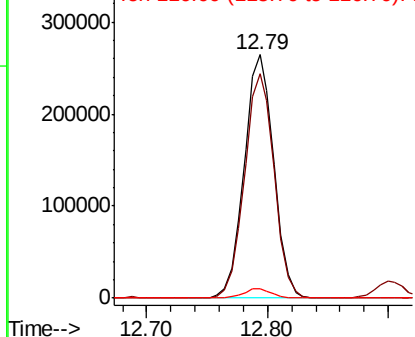


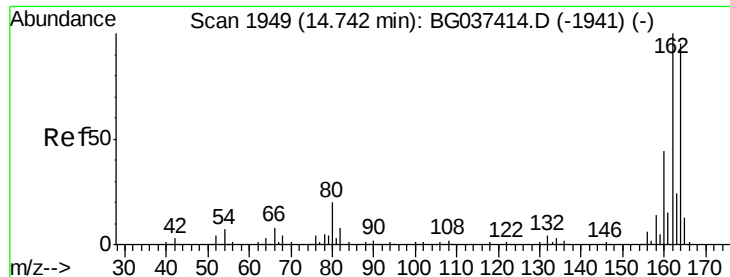
#38
1-Methylnaphthalene
Concen: 50.777 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.2	112.8
116	4.1	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: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

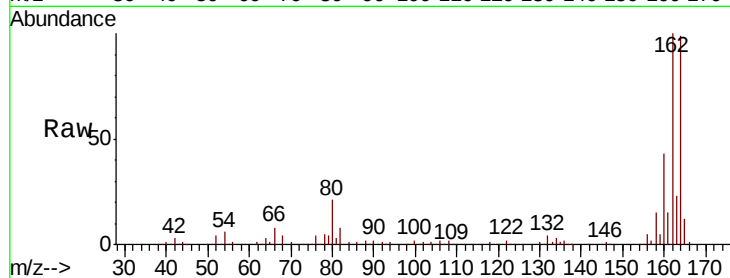
Tot Ion:164 Resp: 169600

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

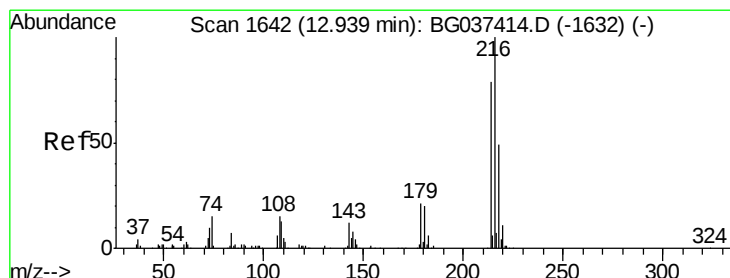
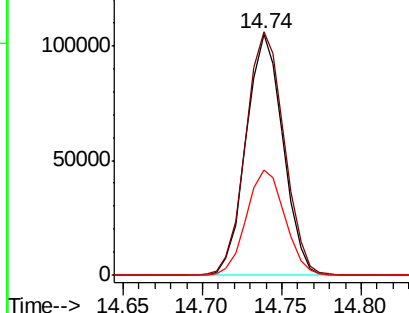
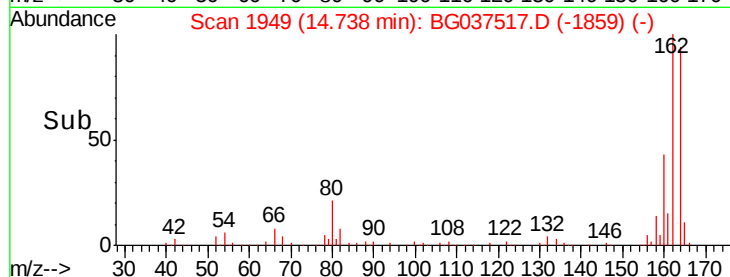
160 43.7 36.3 54.5



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: 42.318 ng

RT: 12.93 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Tgt Ion:216 Resp: 231501

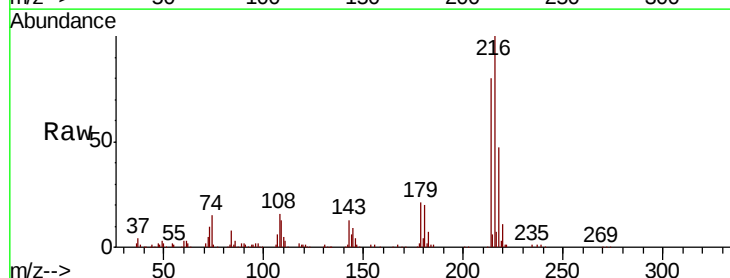
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 21.6 17.4 26.0

108 19.8 13.9 20.9

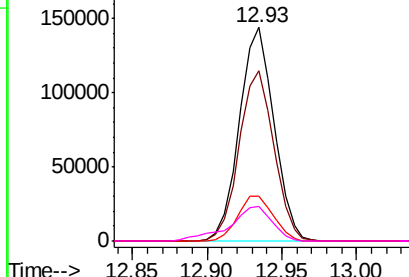
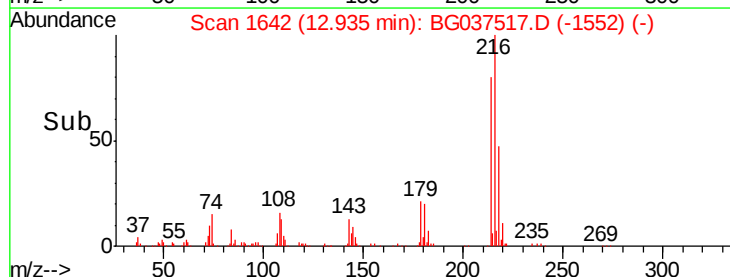


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.971 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

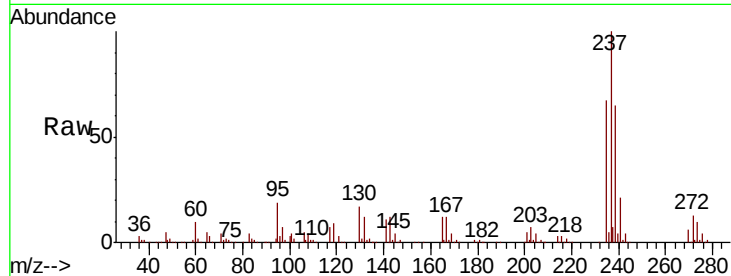
Tot Ion:237 Resp: 263849

Ion Ratio Lower Upper

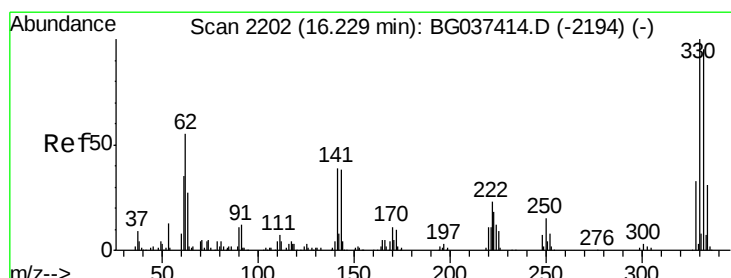
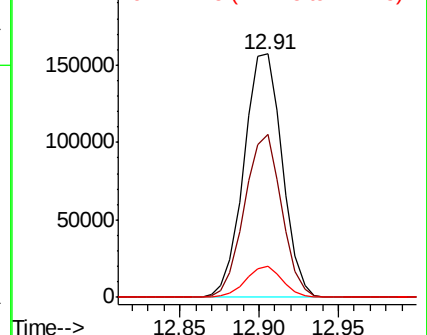
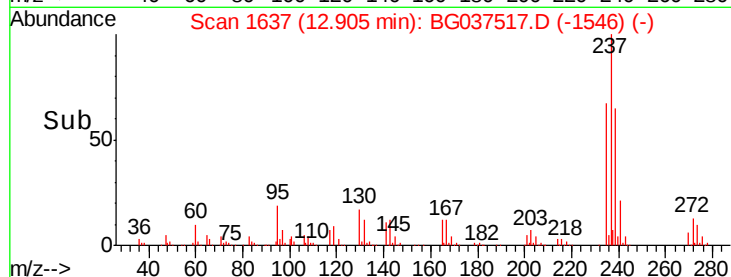
237 100

235 66.8 42.5 82.5

272 12.8 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: 132.657 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

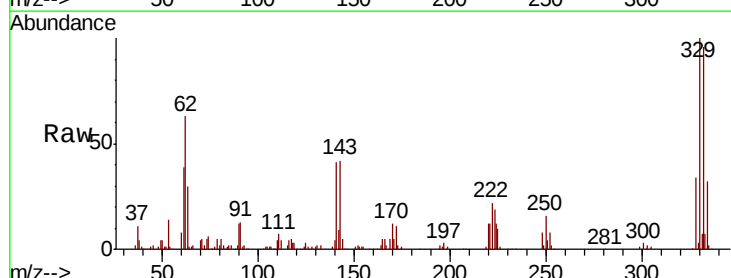
Tgt Ion:330 Resp: 245390

Ion Ratio Lower Upper

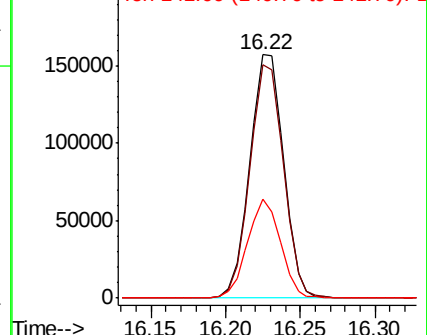
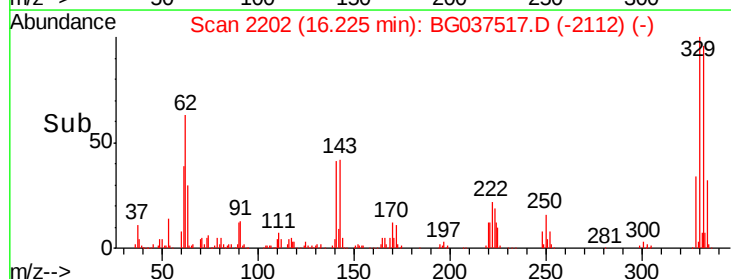
330 100

332 95.7 78.4 117.6

141 39.8 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

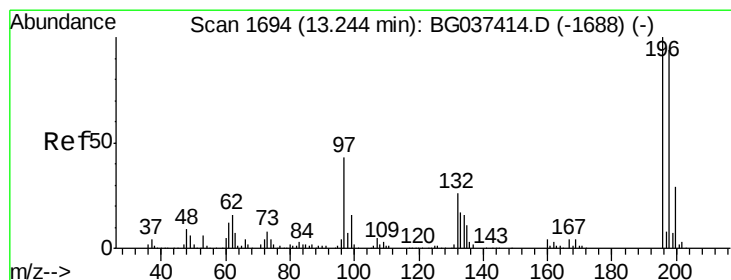
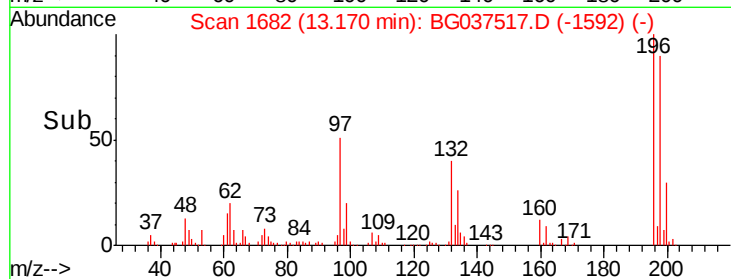
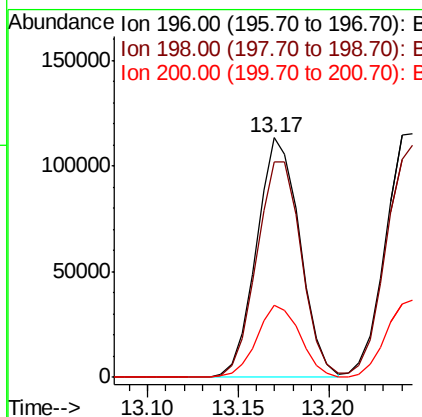
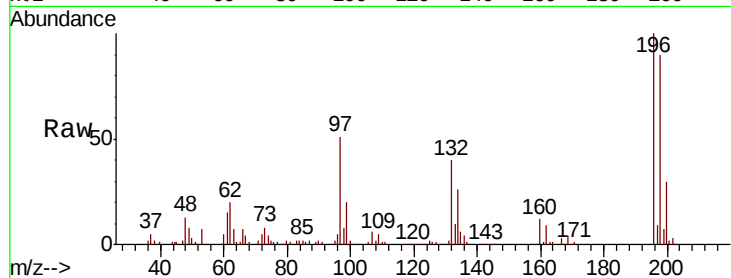




#43
 2,4,6-Trichlorophenol
 Concen: 51.475 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

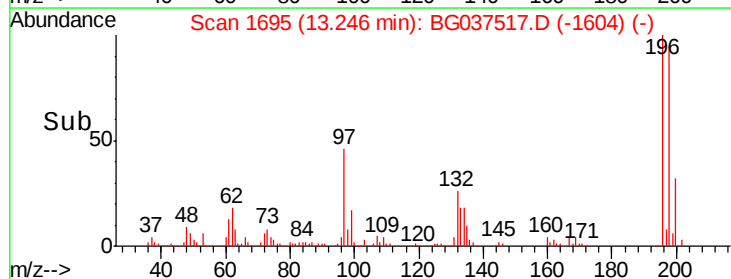
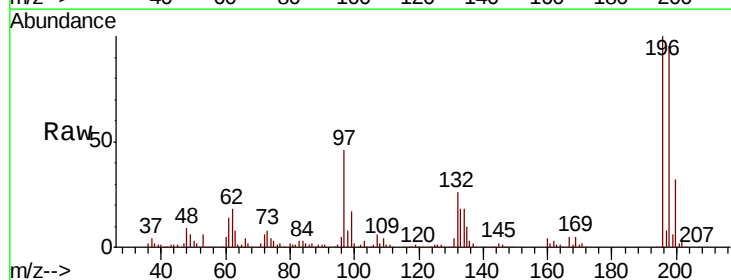
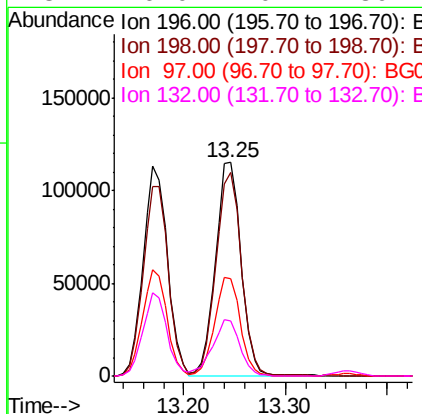
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	188129
Ion Ratio	Lower	Upper	
196	100		
198	89.8	76.4	114.6
200	32.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.726 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	196	Resp	201850
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.2	111.2
97	45.7	34.1	51.1
132	26.0	20.2	30.4

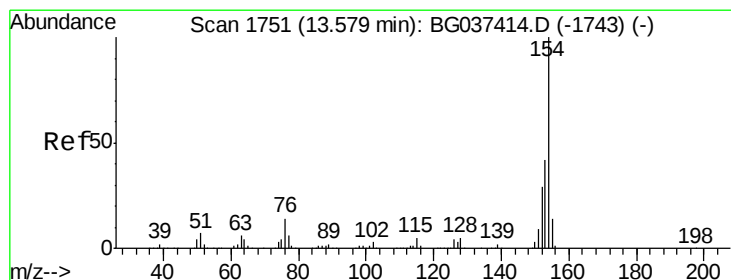
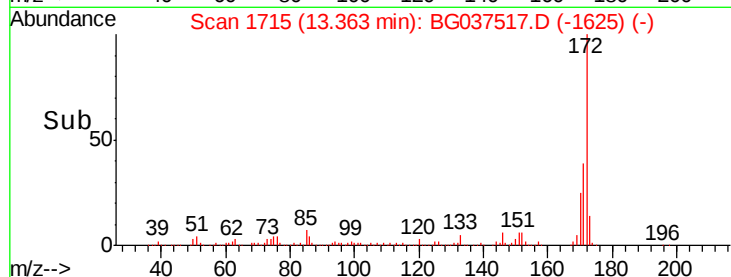
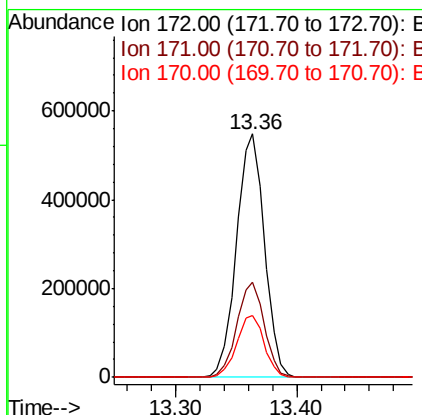
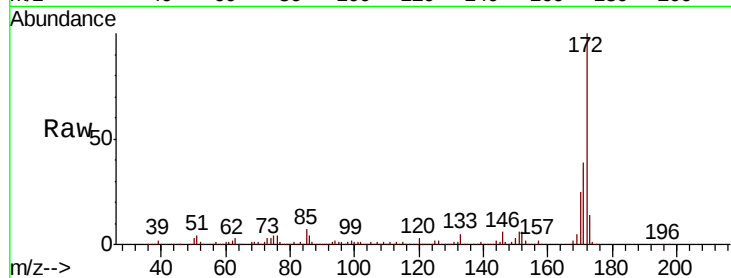




#45
 2-Fluorobiphenyl
 Concen: 78.672 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

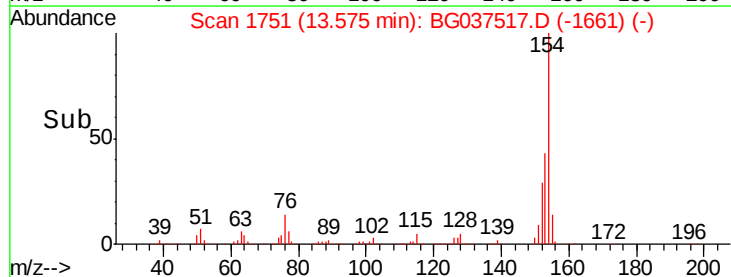
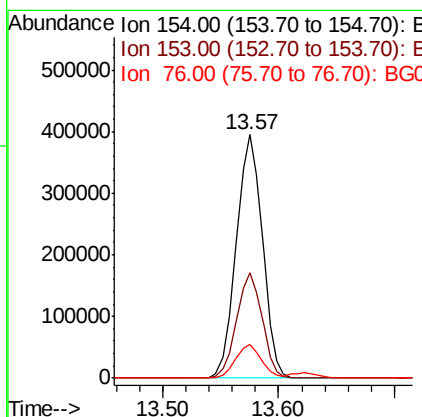
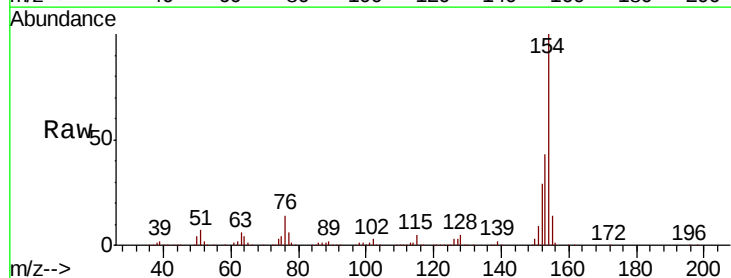
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 43.815 ng
 RT: 13.57 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.8	0.0	33.2

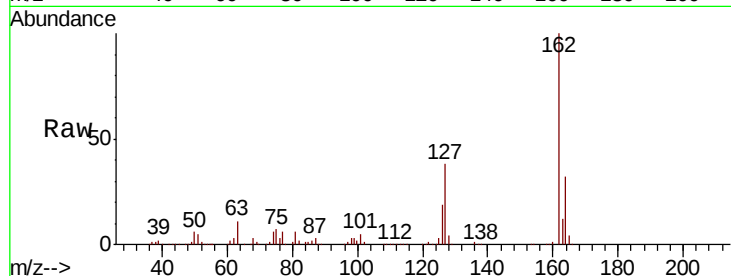




#47
2-Chloronaphthalene
Concen: 45.921 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	32.4	26.4	39.6

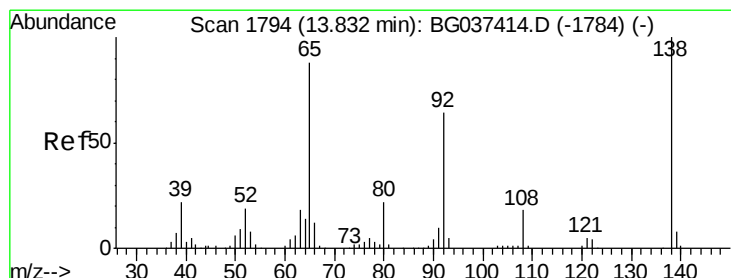
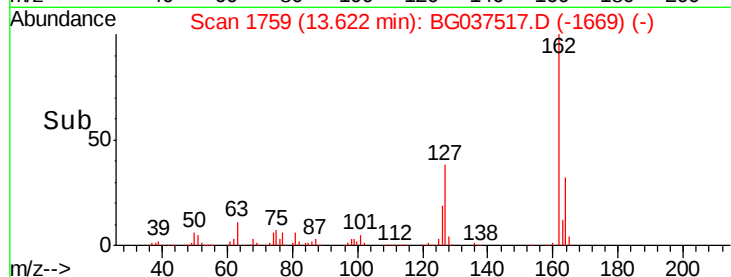
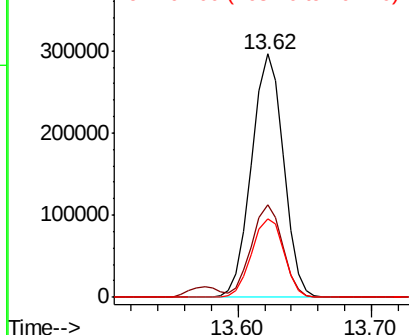


Abundance

Ion 162.00 (161.70 to 162.70): E

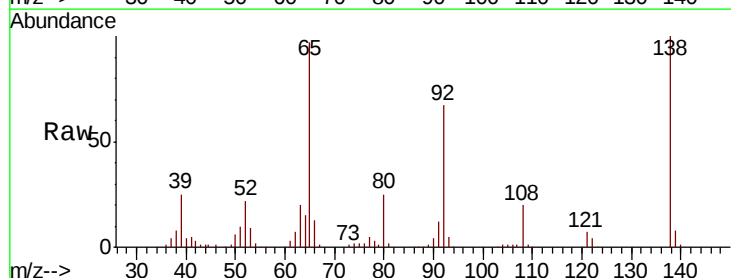
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 51.953 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.2	79.8
138	102.7	79.3	118.9

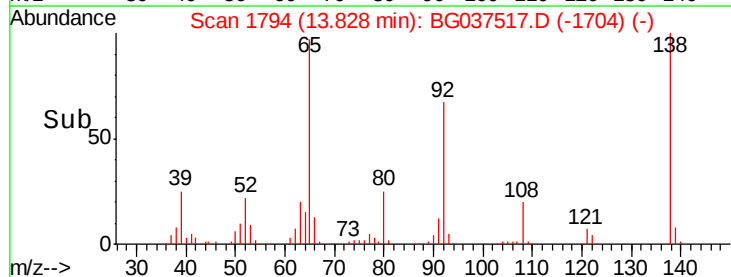
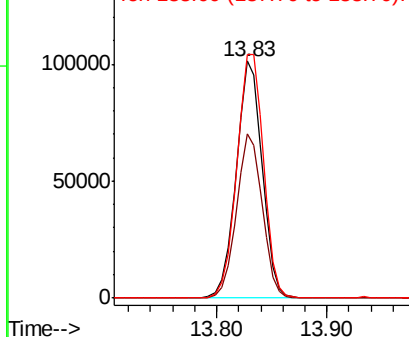


Abundance

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: 51.075 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

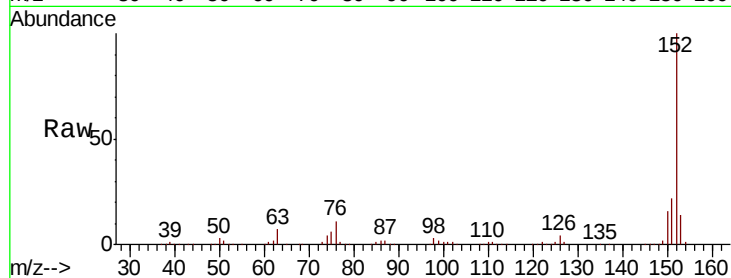
Tot Ion:152 Resp: 816423

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

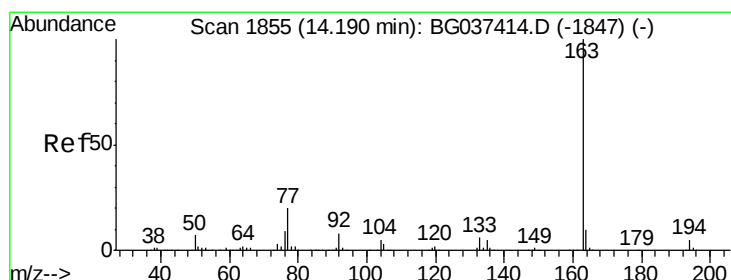
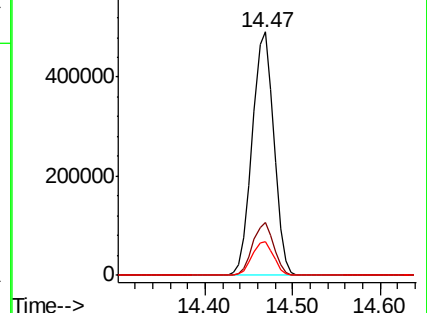
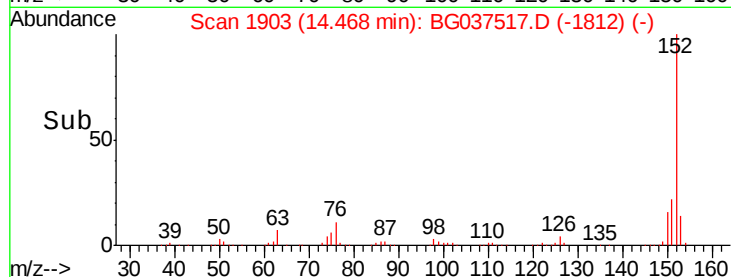
153 13.7 11.1 16.7



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: 50.092 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

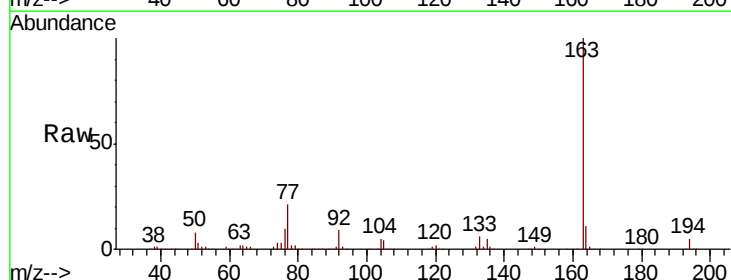
Tgt Ion:163 Resp: 657241

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

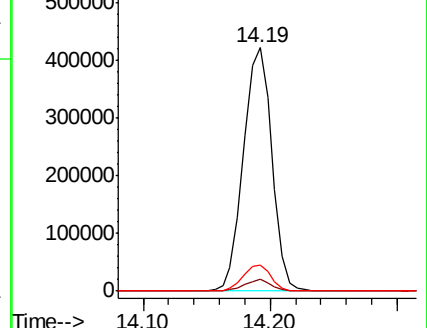
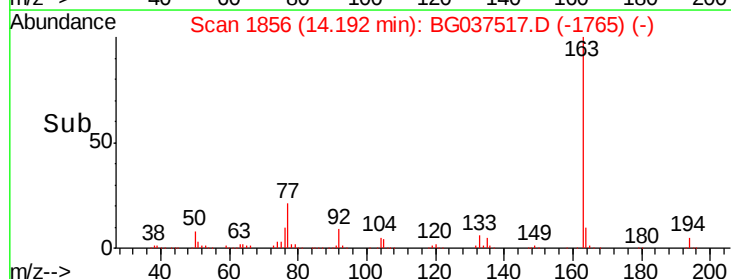
164 10.5 8.5 12.7

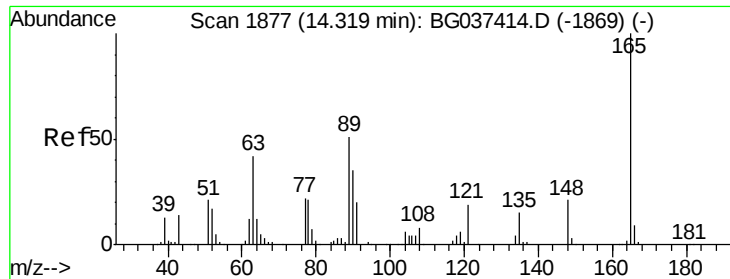


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

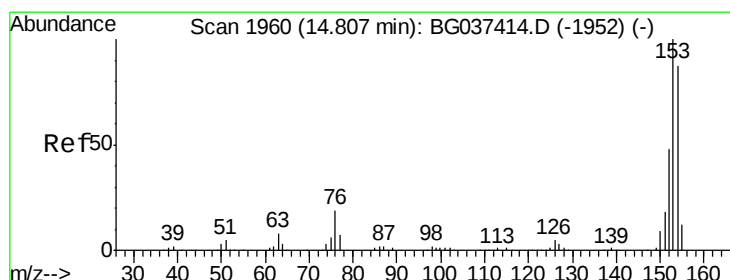
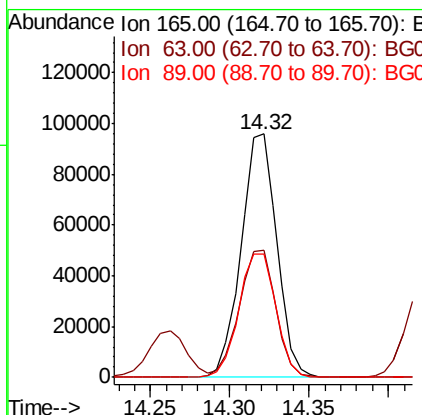
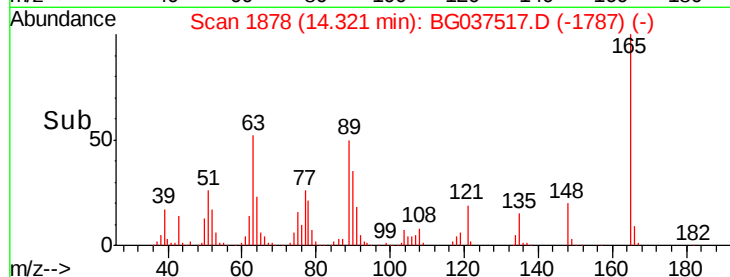
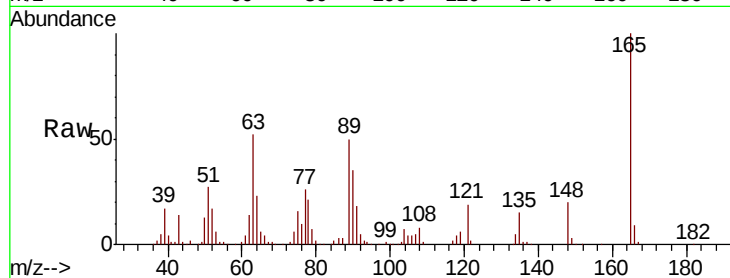




#51
 2,6-Dinitrotoluene
 Concen: 51.617 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

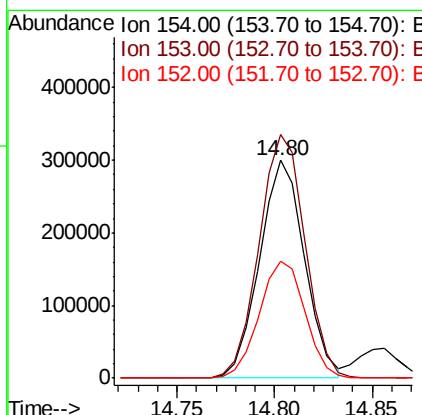
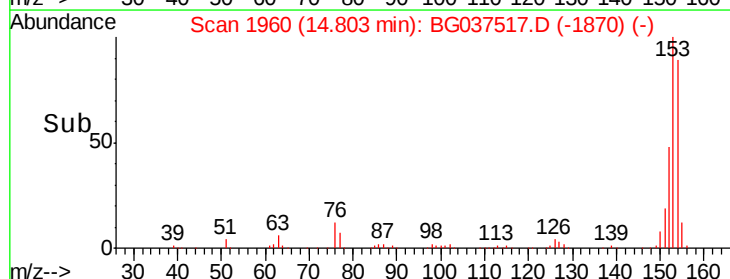
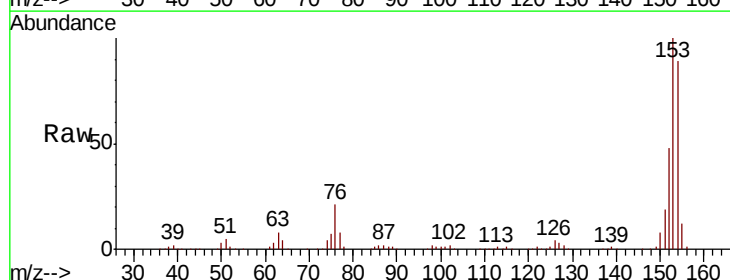
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 149819
 Ion Ratio Lower Upper
 165 100
 63 52.2 43.4 65.2
 89 50.4 45.8 68.6



#52
 Acenaphthene
 Concen: 48.546 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion:154 Resp: 477909
 Ion Ratio Lower Upper
 154 100
 153 111.9 93.4 140.0
 152 54.0 44.7 67.1





#53

3-Nitroaniline

Concen: 16.565 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

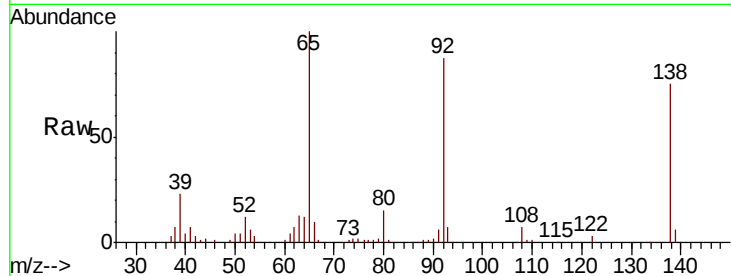
Tot Ion:138 Resp: 53377

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

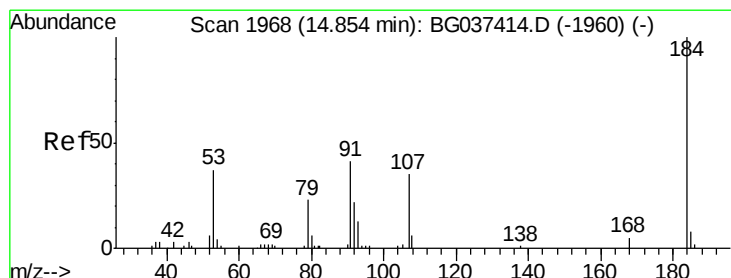
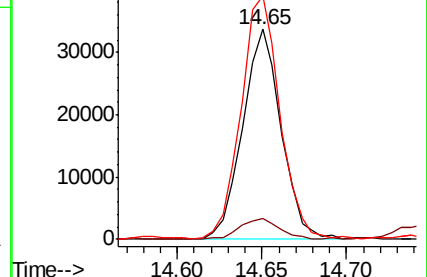
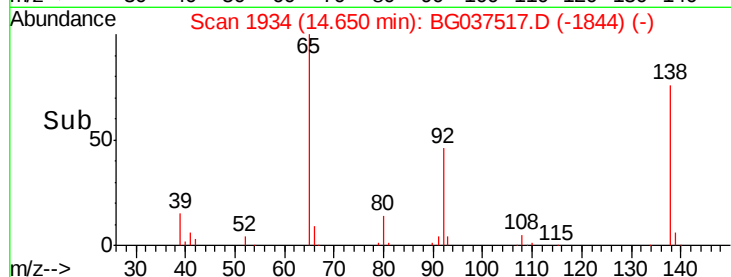
92 116.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.118 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

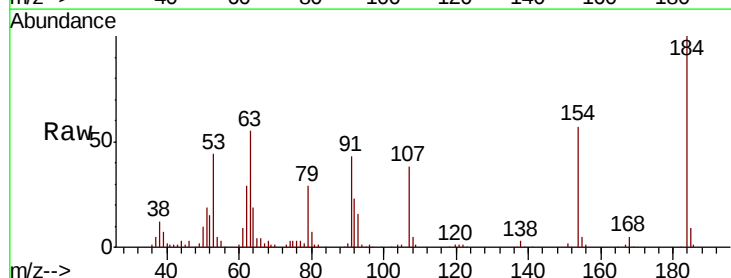
Tgt Ion:184 Resp: 123408

Ion Ratio Lower Upper

184 100

63 55.1 42.6 63.8

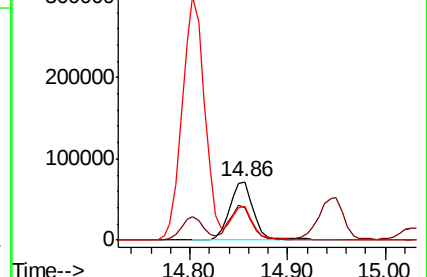
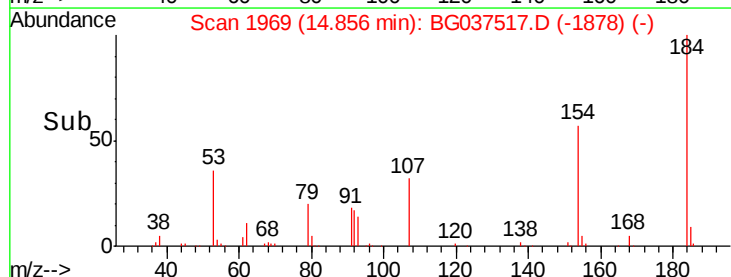
154 57.1 41.8 62.6

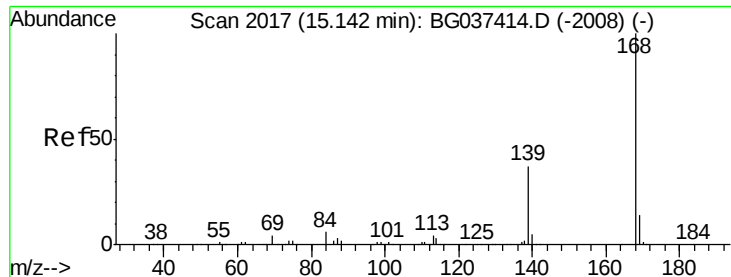


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

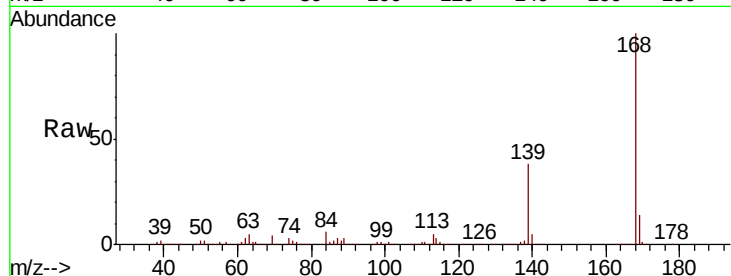




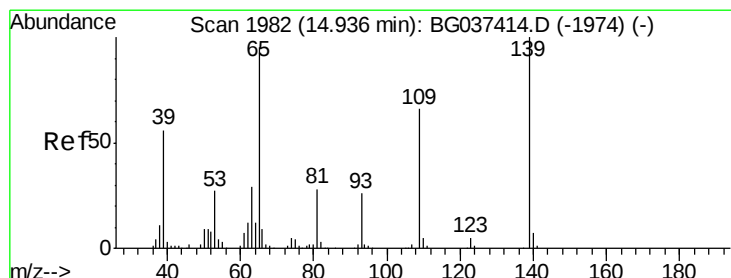
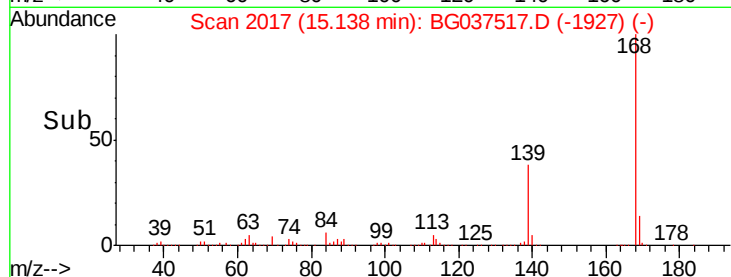
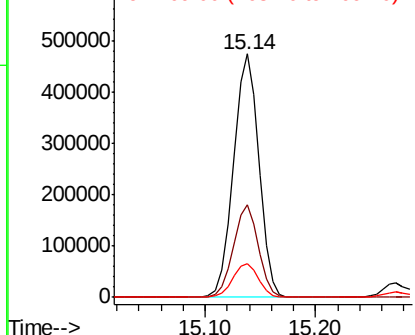
#55
Dibenzenofuran
Concen: 46.759 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 762674
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 13.6 11.0 16.6

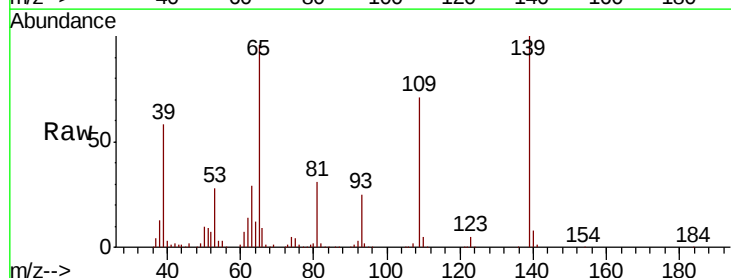


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

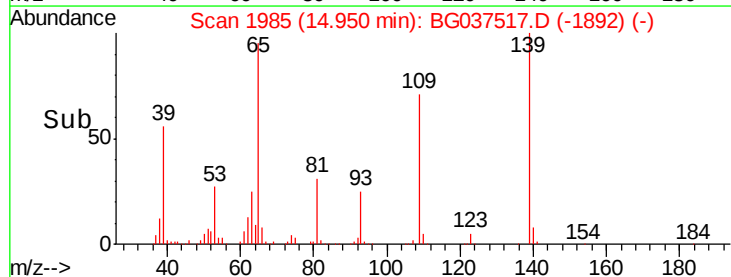
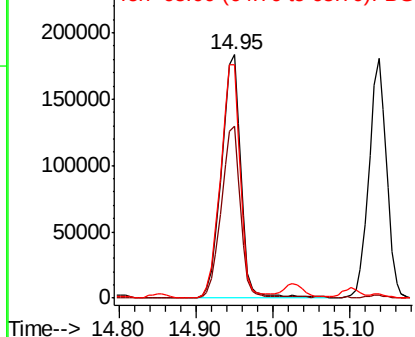


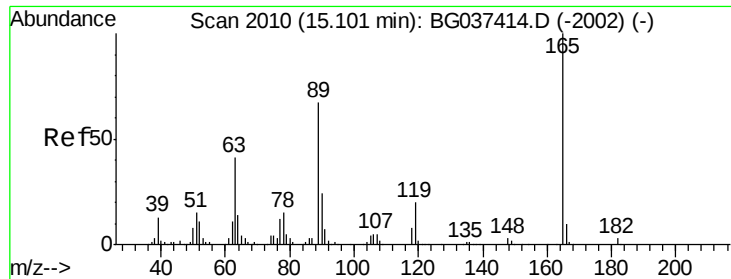
#56
4-Nitrophenol
Concen: 134.994 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:139 Resp: 321972
Ion Ratio Lower Upper
139 100
109 70.8 49.5 89.5
65 95.6 76.8 116.8



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

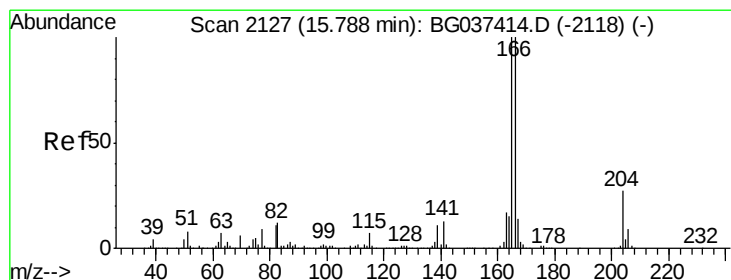
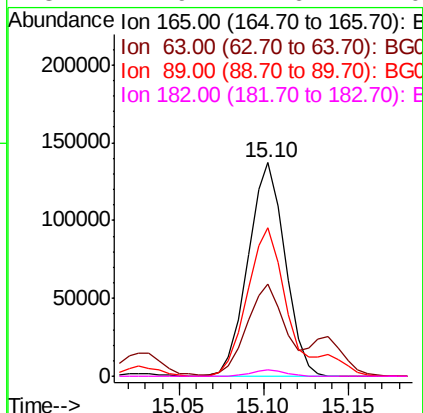
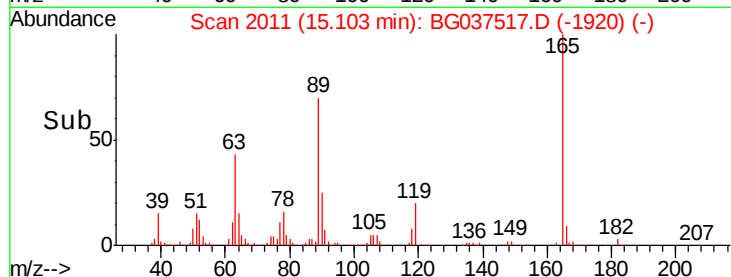
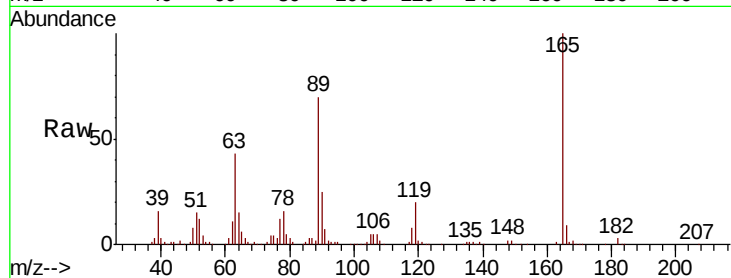




#57
2,4-Dinitrotoluene
Concen: 54.603 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

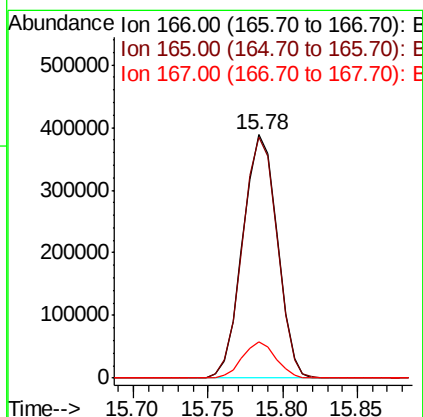
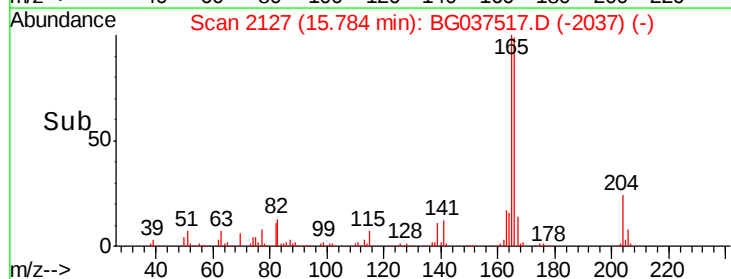
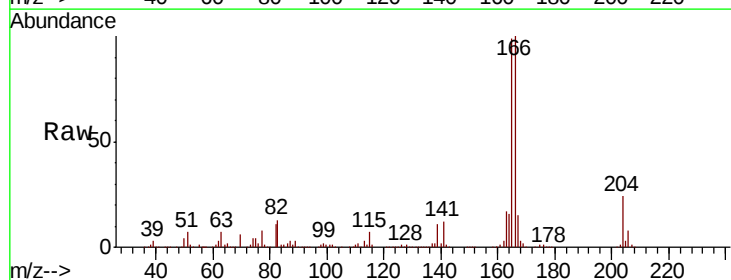
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	33.4	50.0
89	69.7	57.2	85.8
182	2.9	2.6	4.0



#58
Fluorene
Concen: 51.089 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	14.9	11.3	16.9

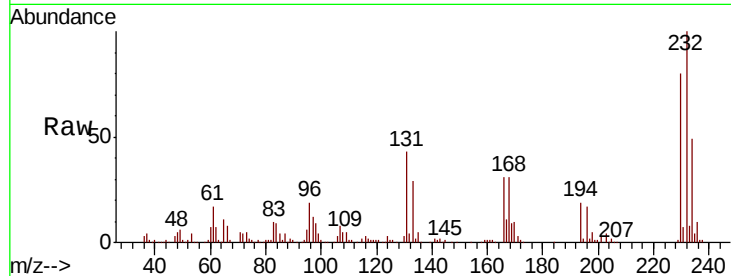




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.282 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.7	50.5
130	2.5	2.1	3.1
166	31.2	24.6	36.8



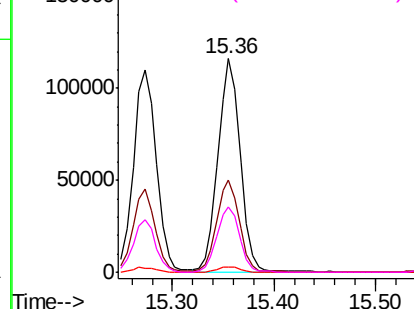
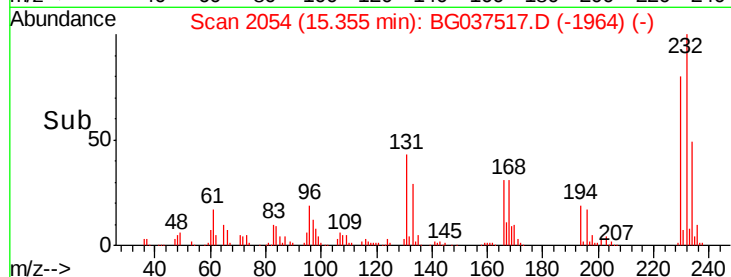
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

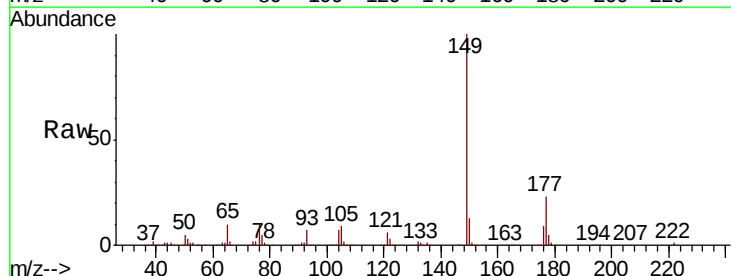
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 50.644 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.1	10.0	15.0

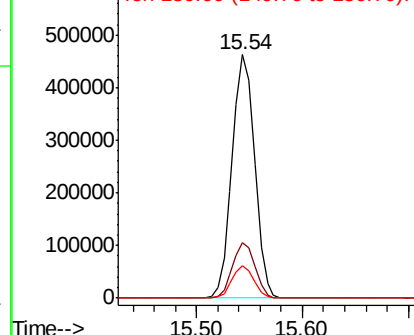
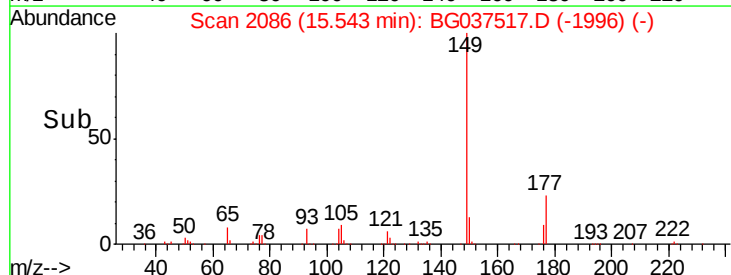


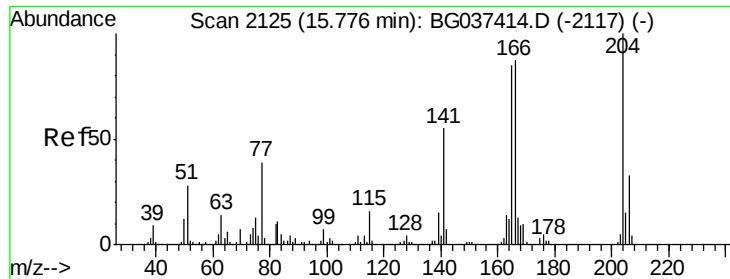
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

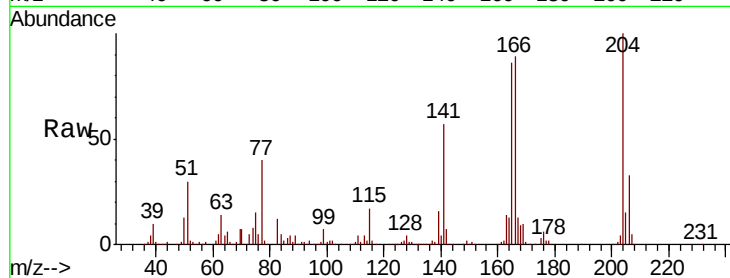




#61
4-Chlorophenyl-phenylether
Concen: 46.126 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.7	45.4	68.2

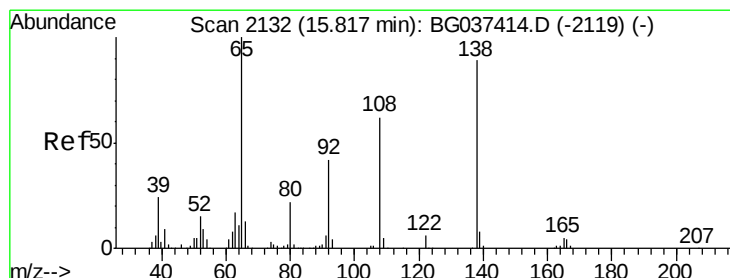
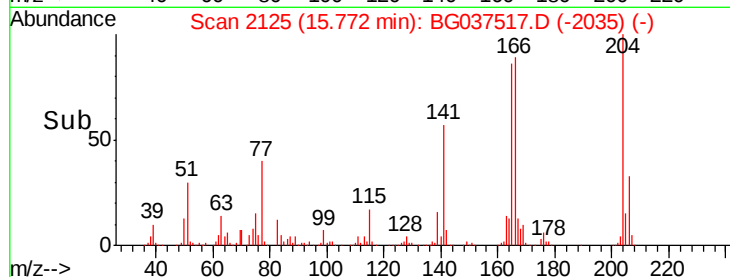
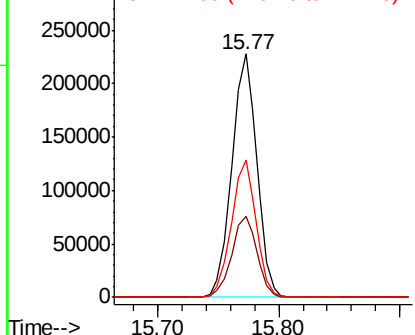


Abundance

Ion 204.00 (203.70 to 204.70): E

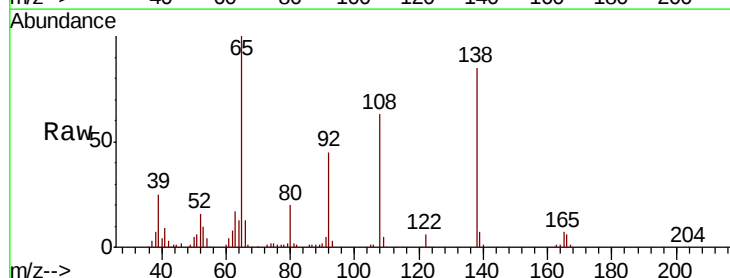
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.486 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	36.4	76.4
108	74.2	60.1	100.1

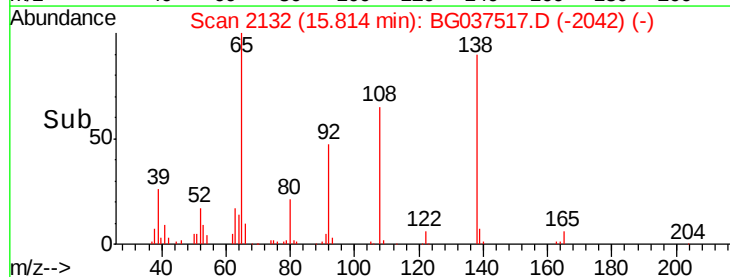
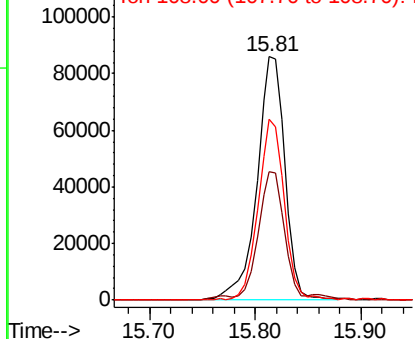


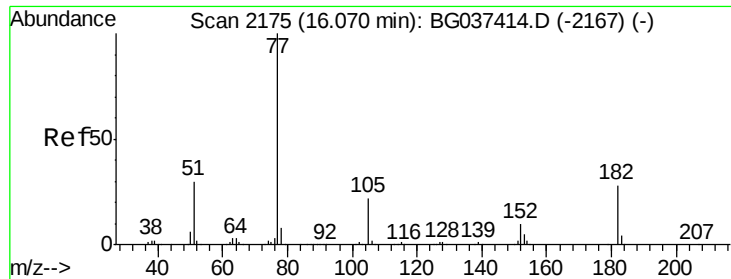
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

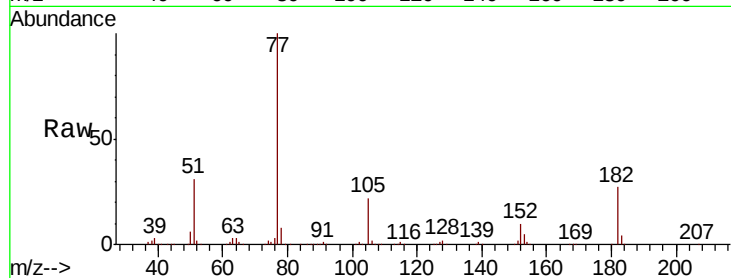




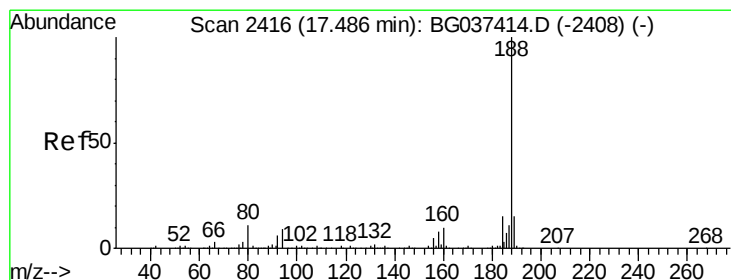
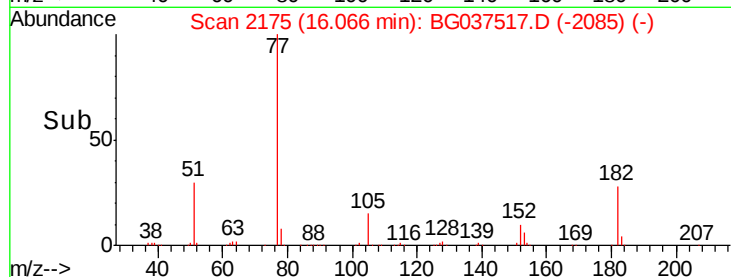
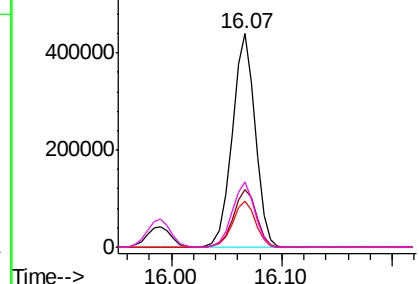
#63
Azobenzene
Concen: 49.807 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	640128
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.0	48.0
105	21.7	1.3	41.3
51	30.9	10.7	50.7

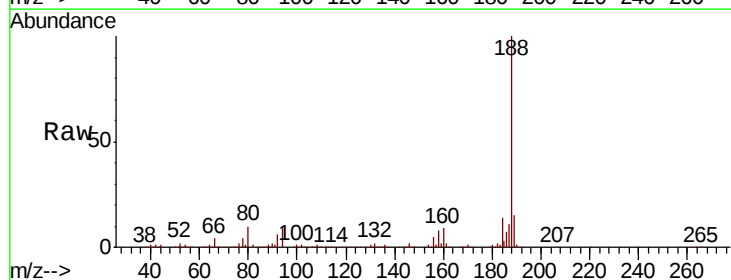


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

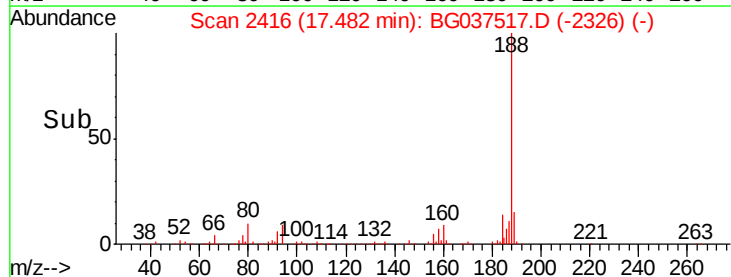
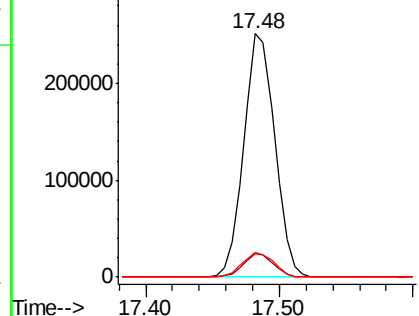


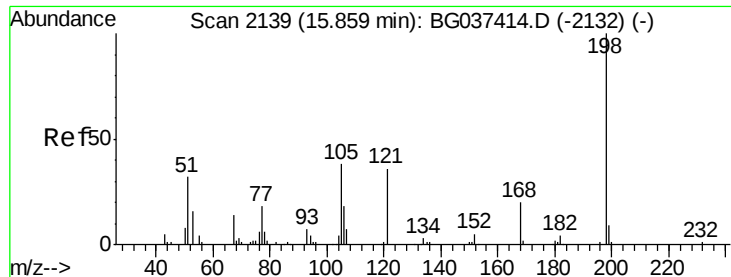
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:	188	Resp:	402258
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.109 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

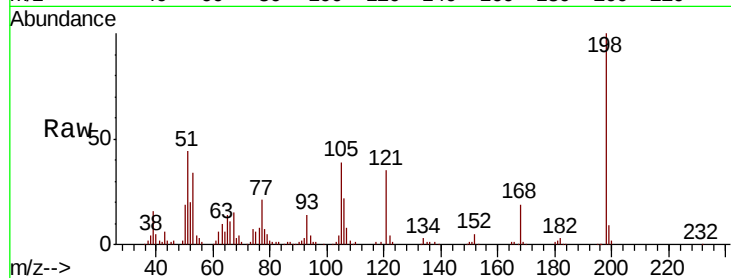
Tot Ion:198 Resp: 101602

Ion Ratio Lower Upper

198 100

51 43.6 22.7 62.7

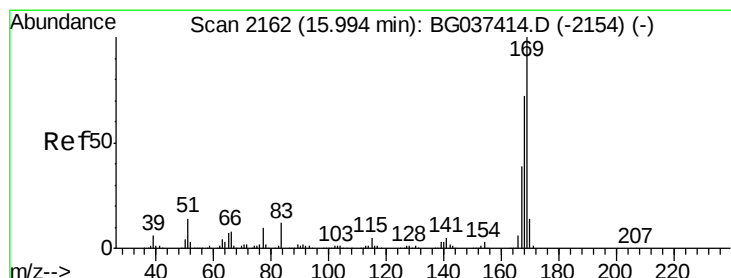
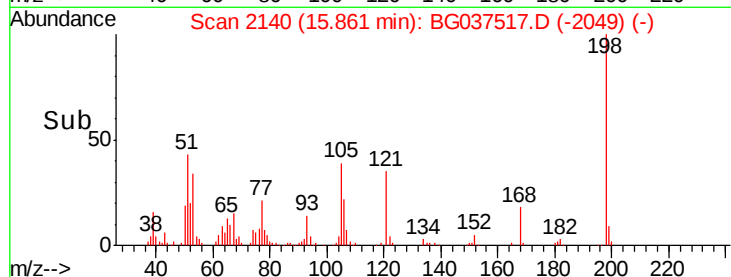
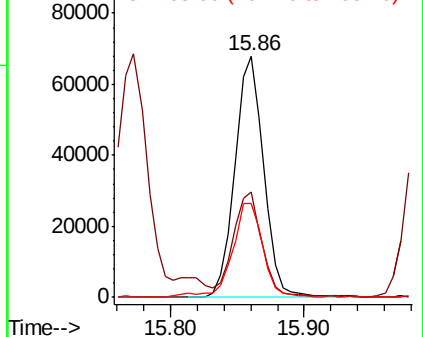
105 39.0 19.7 59.7



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: 47.666 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

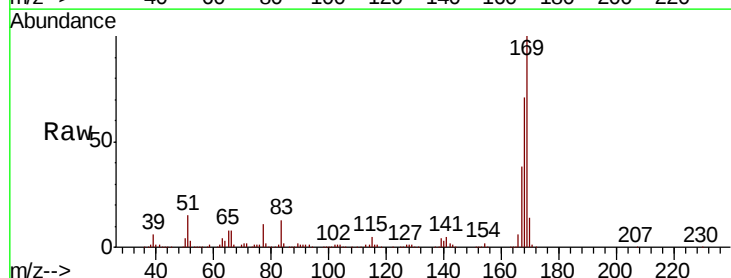
Tgt Ion:169 Resp: 576761

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

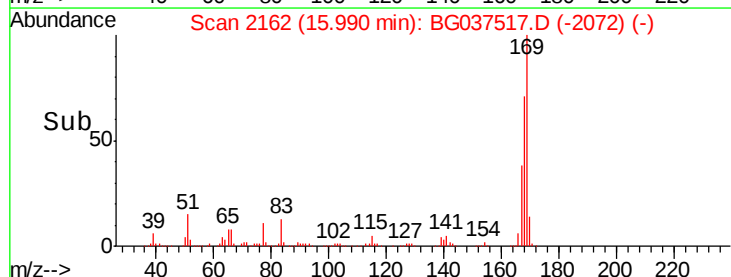
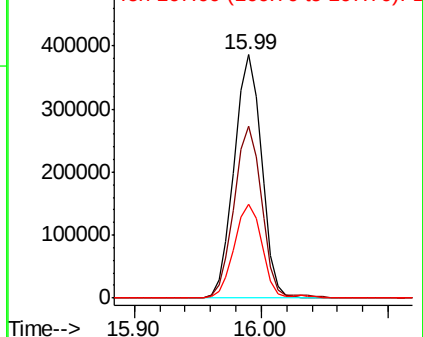
167 38.4 31.3 46.9

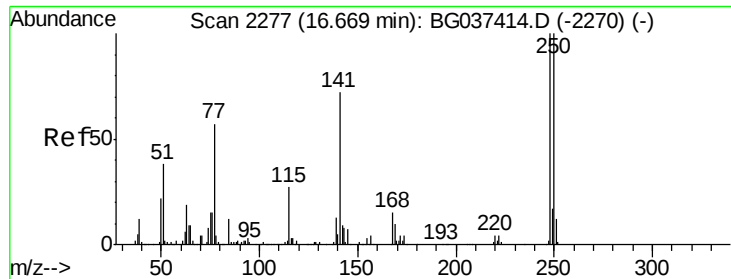


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

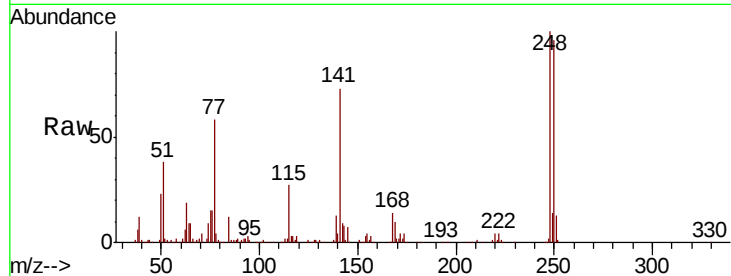




#67
 4-Bromophenyl-phenylether
 Concen: 47.551 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	72.7	55.5	83.3

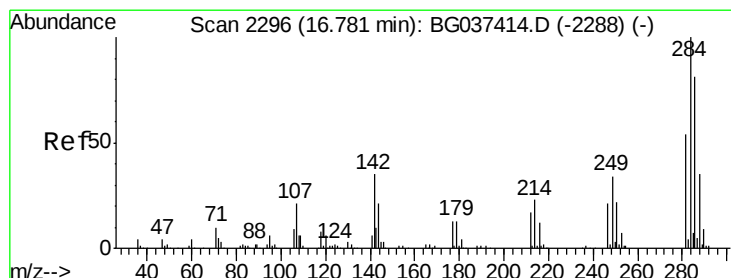
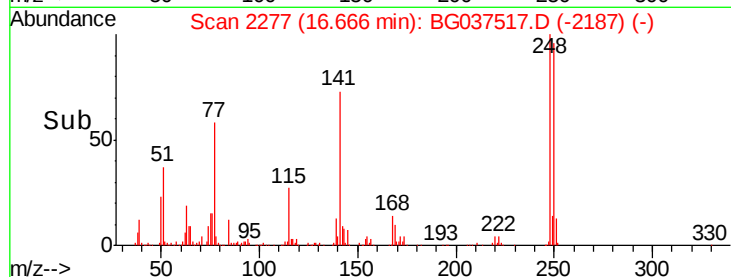
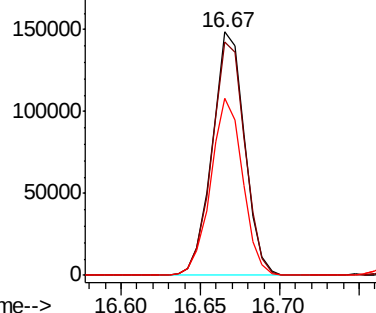


Abundance

Ion 248.00 (247.70 to 248.70): E

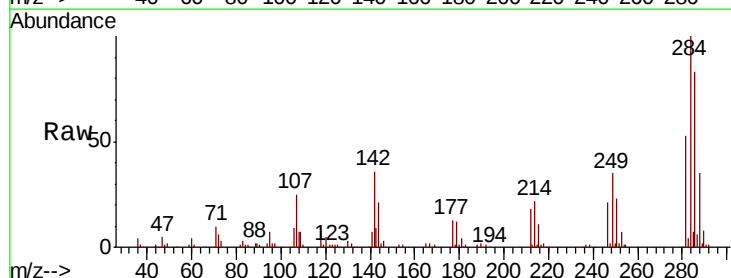
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.777 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.1	42.1
249	36.9	29.8	44.8

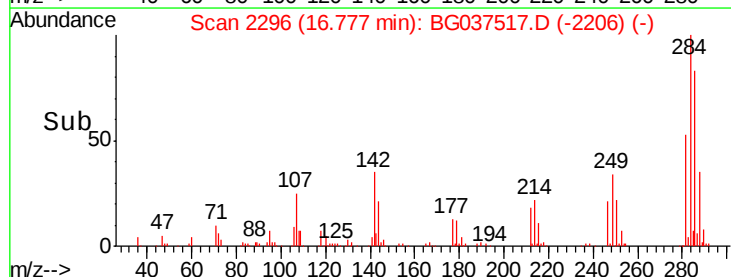
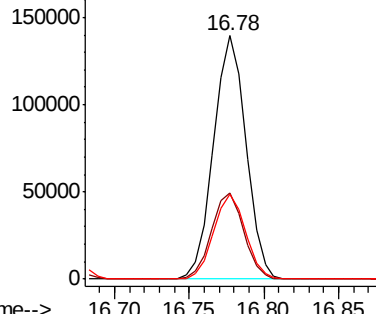


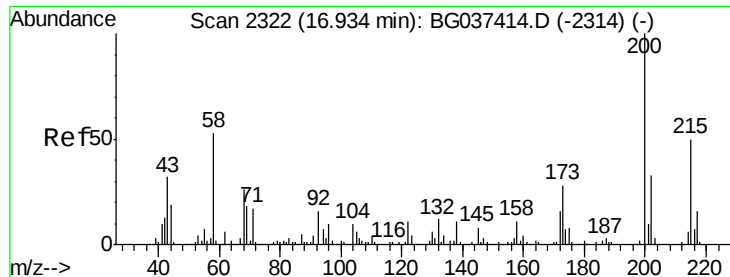
Abundance

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: 48.616 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

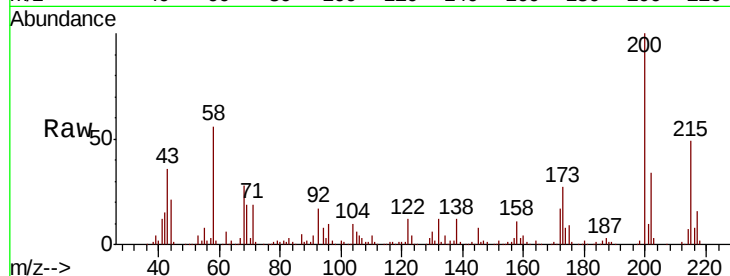
Tot Ion:200 Resp: 212684

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

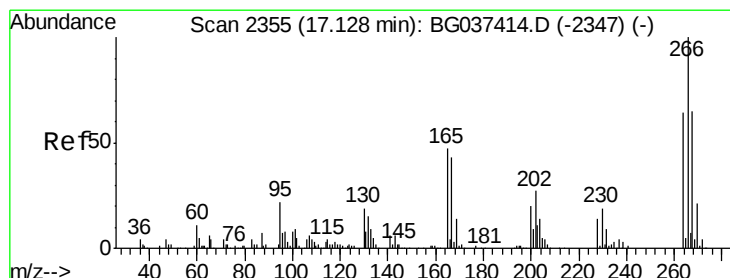
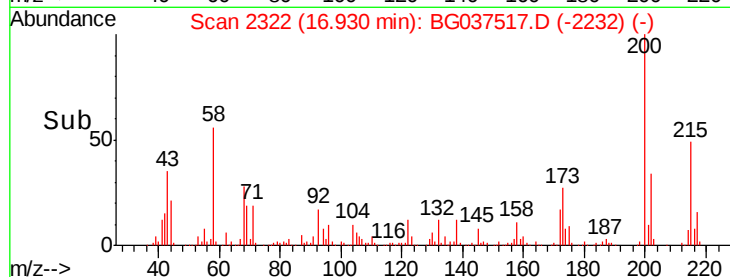
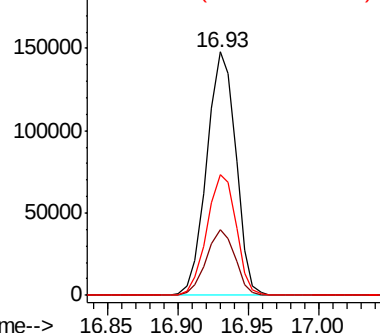
215 49.5 30.8 70.8



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: 83.497 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

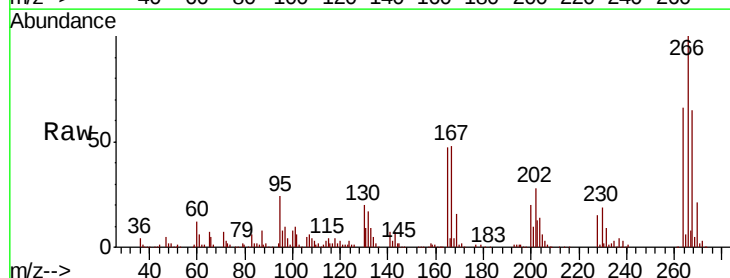
Tgt Ion:266 Resp: 256060

Ion Ratio Lower Upper

266 100

268 70.1 55.0 82.6

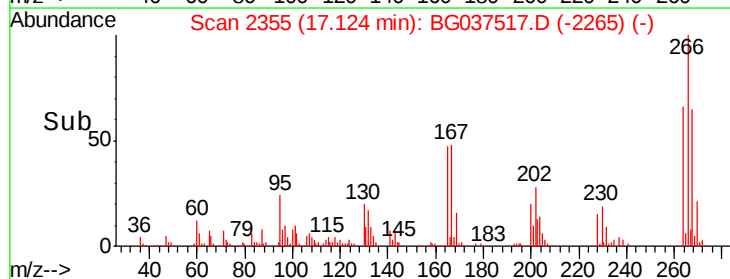
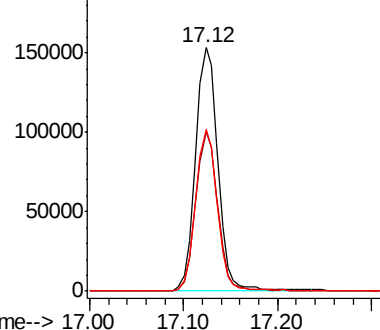
264 72.0 58.9 88.3

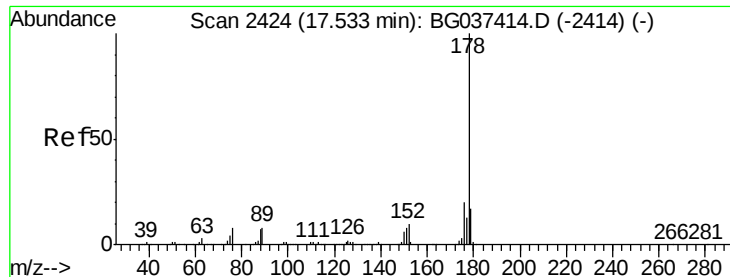


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

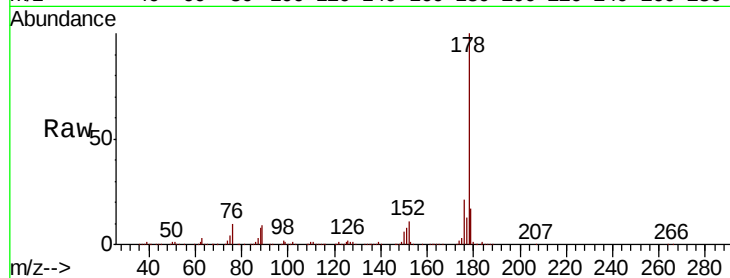




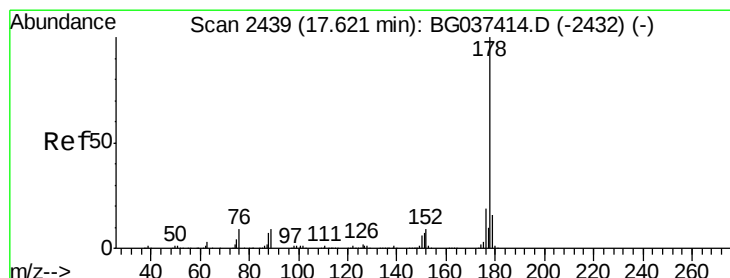
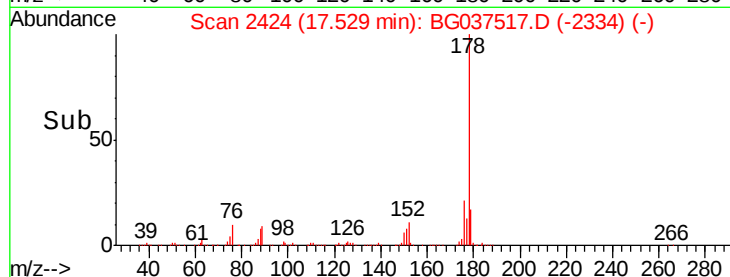
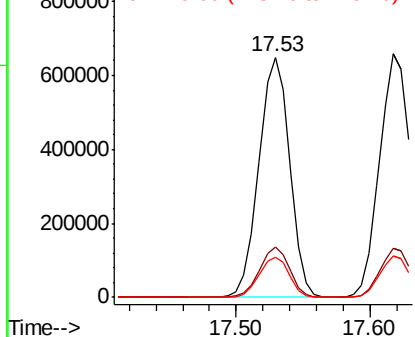
#71
Phenanthrene
Concen: 50.496 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1032337
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.9 13.0 19.4

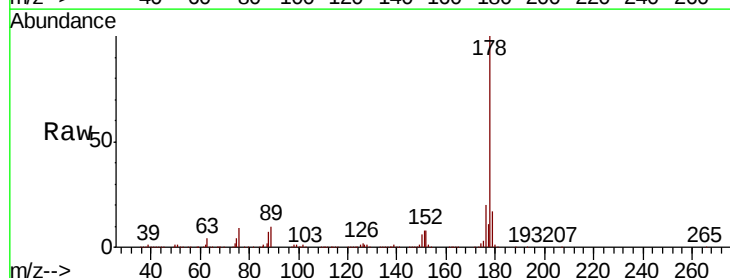


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

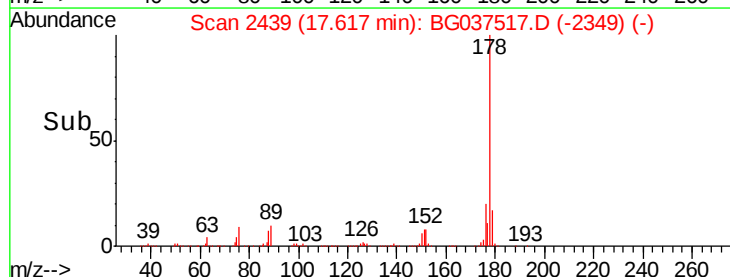
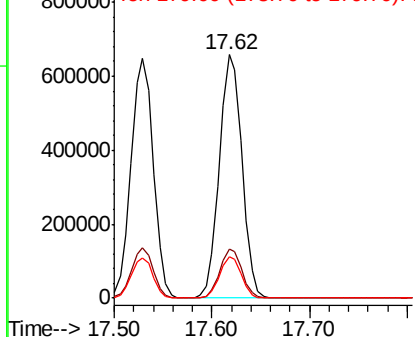


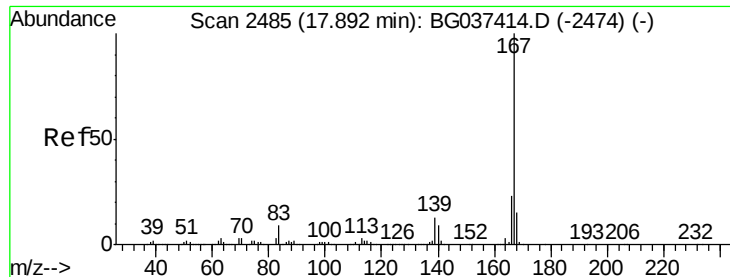
#72
Anthracene
Concen: 52.629 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:178 Resp: 1055900
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.2 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

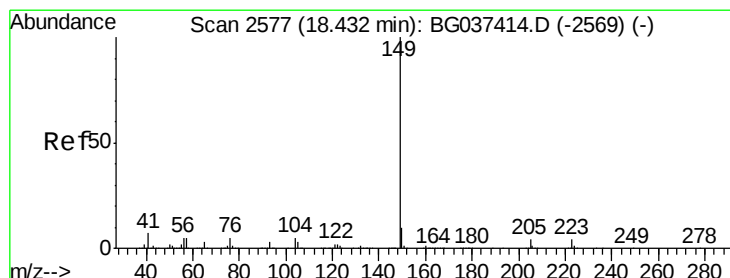
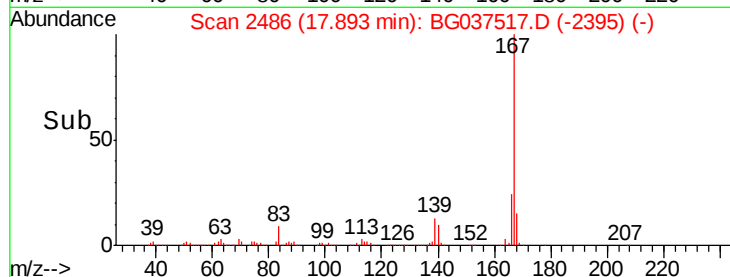
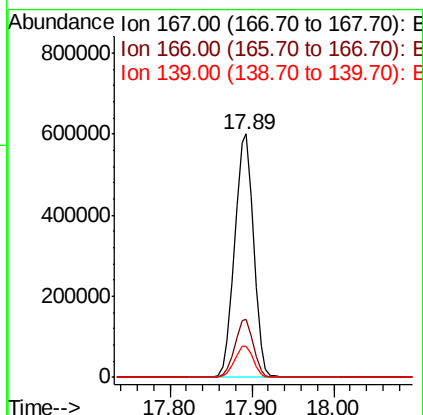
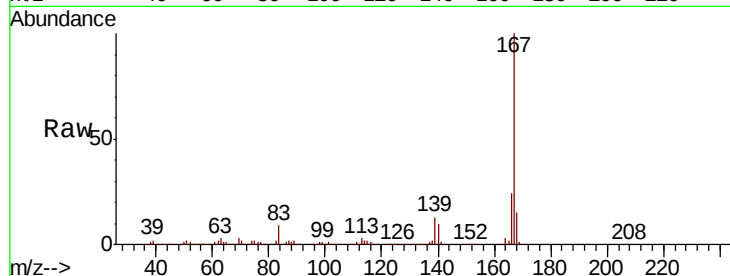




#73
 Carbazole
 Concen: 48.319 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

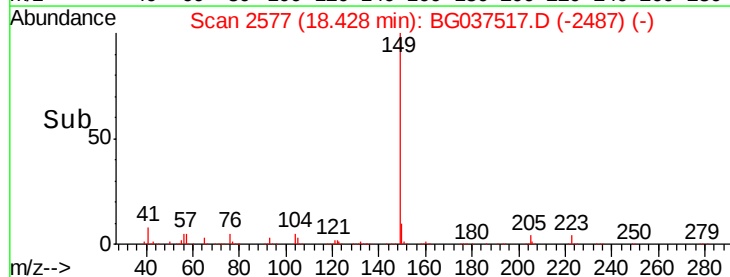
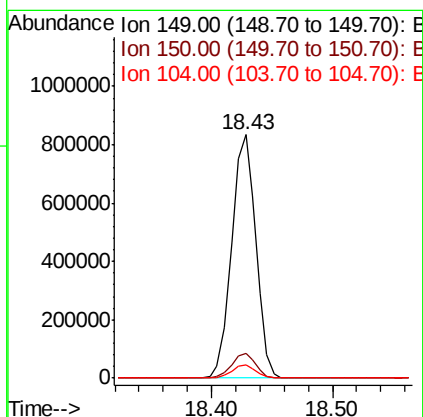
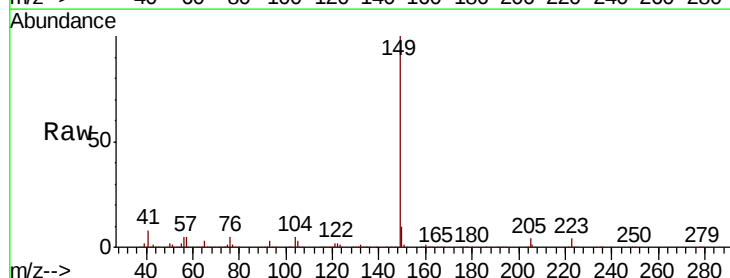
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 969716
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.3 27.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 52.057 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037517.D
 Acq: 24 Oct 2018 18:47

Tgt Ion:149 Resp: 1162178
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 51.637 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

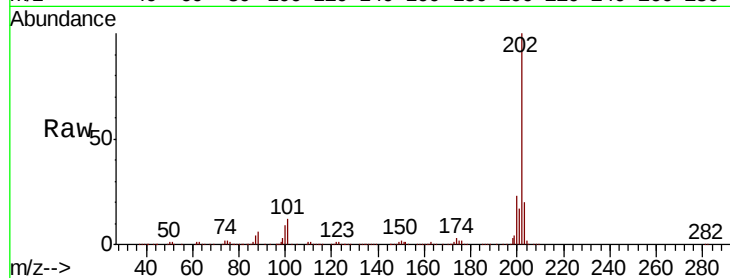
Tot Ion:202 Resp: 1197325

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

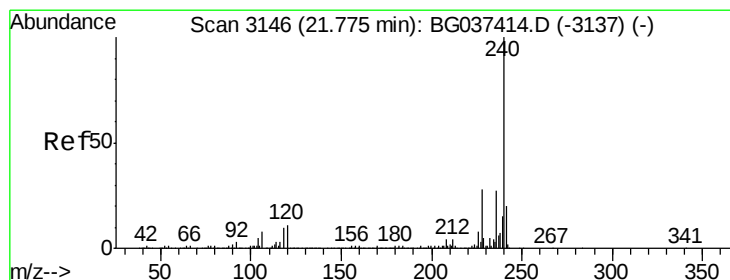
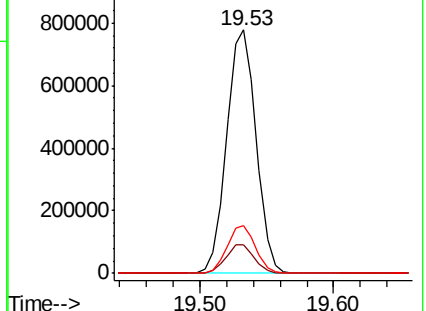
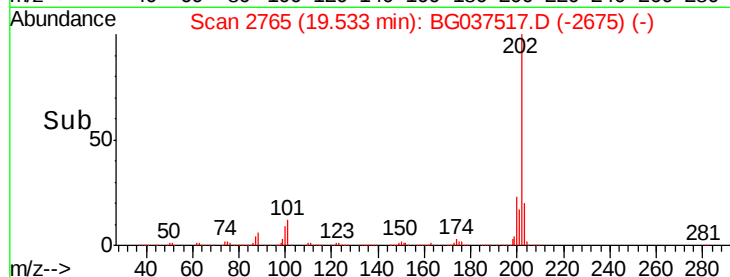
203 19.8 0.0 38.5



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# 3146

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

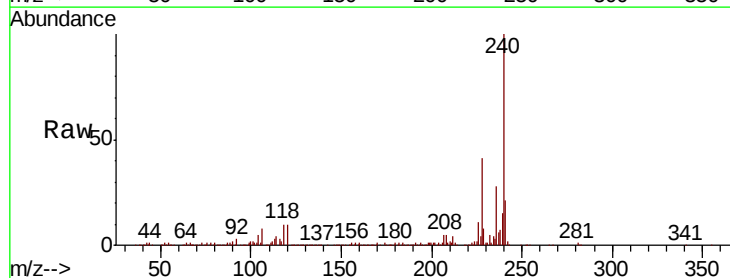
Tgt Ion:240 Resp: 358389

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

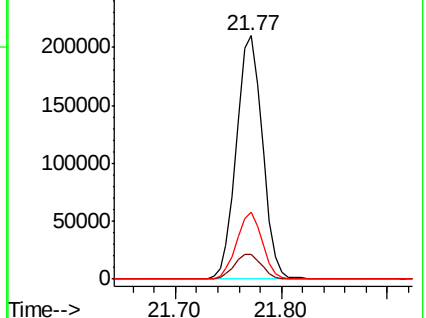
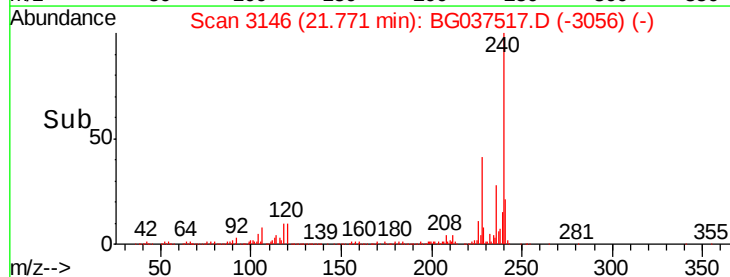
236 27.7 21.4 32.0

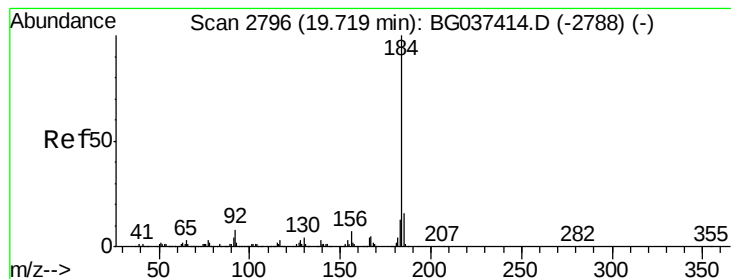


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.149 ng

RT: 19.72 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

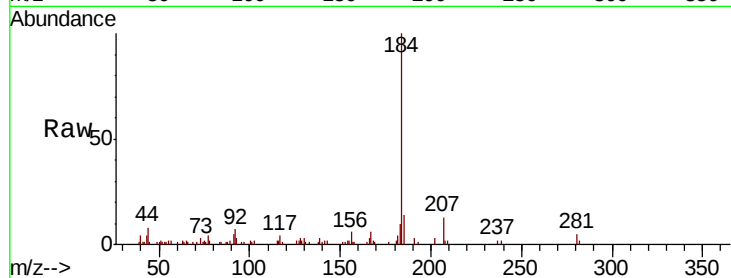
Tot Ion:184 Resp: 50562

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

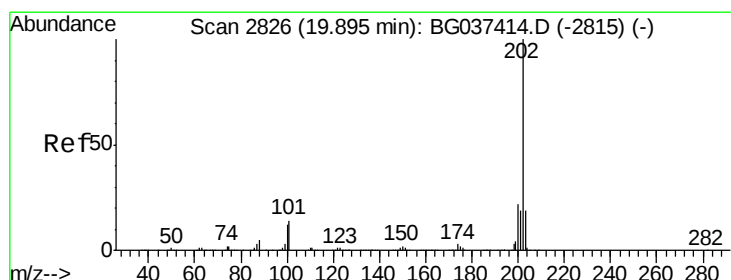
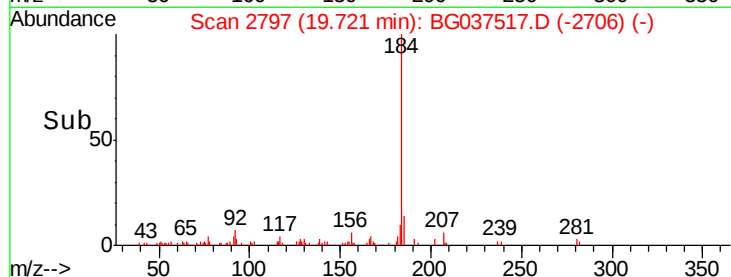
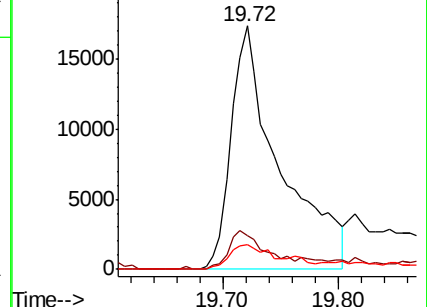
183 10.1 10.2 15.2#



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: 51.351 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

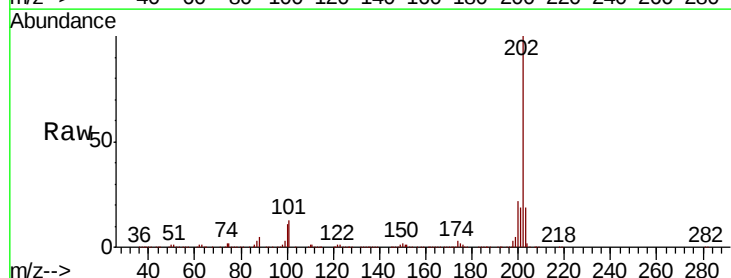
Tgt Ion:202 Resp: 1203074

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

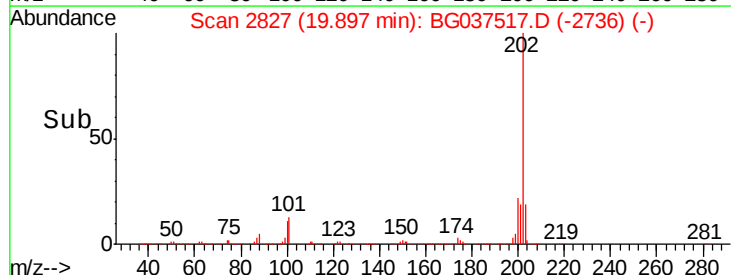
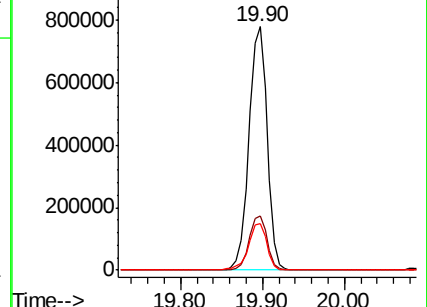
203 19.1 15.2 22.8

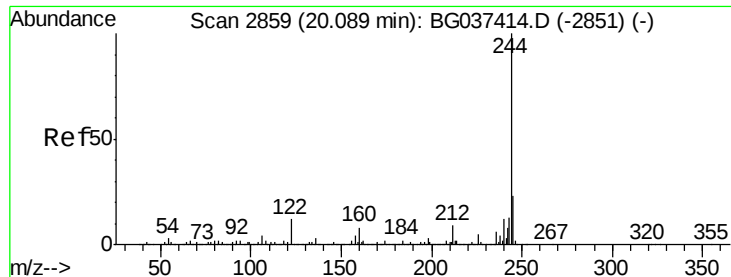


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.391 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

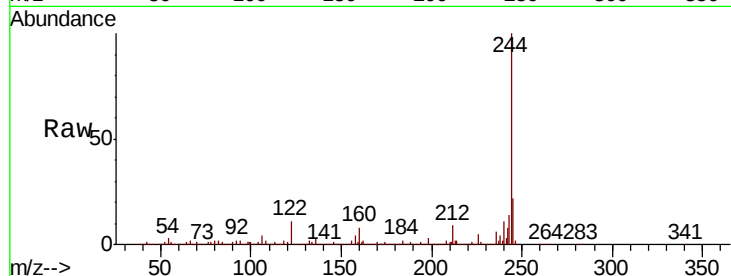
Tot Ion:244 Resp: 1381902

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

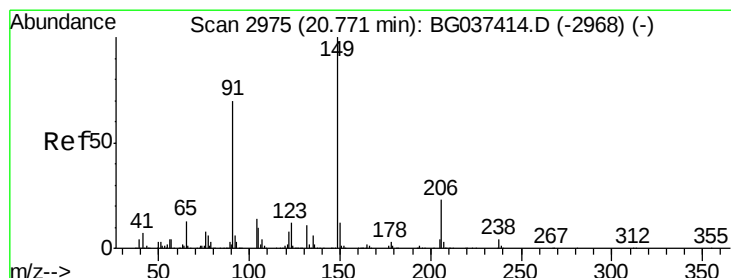
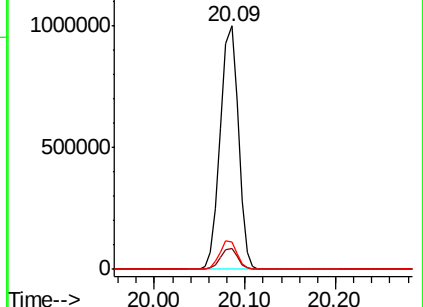
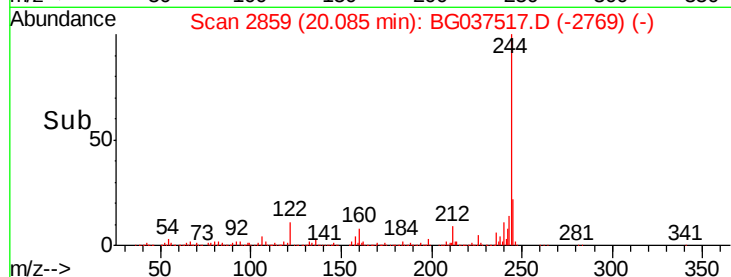
122 11.2 9.0 13.4



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: 55.593 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

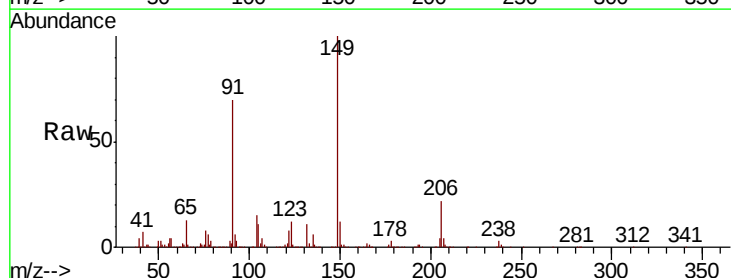
Tgt Ion:149 Resp: 533046

Ion Ratio Lower Upper

149 100

91 69.5 57.0 85.4

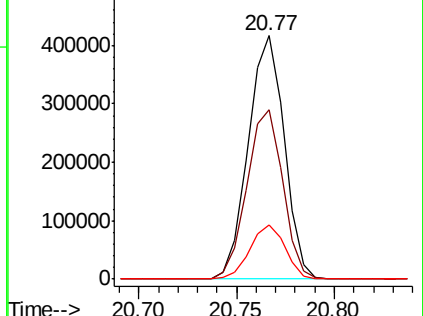
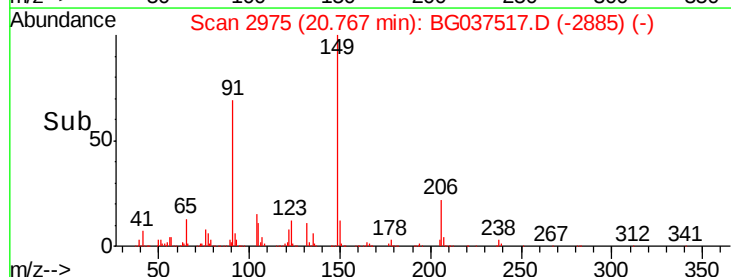
206 22.2 17.8 26.6

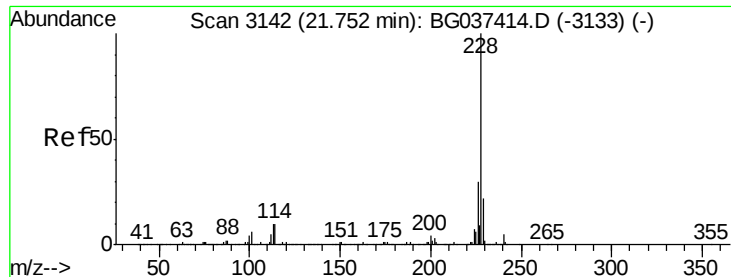


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

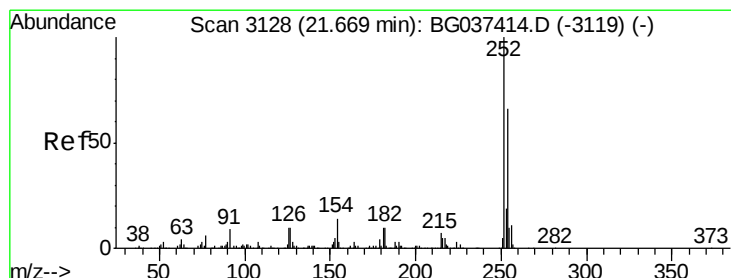
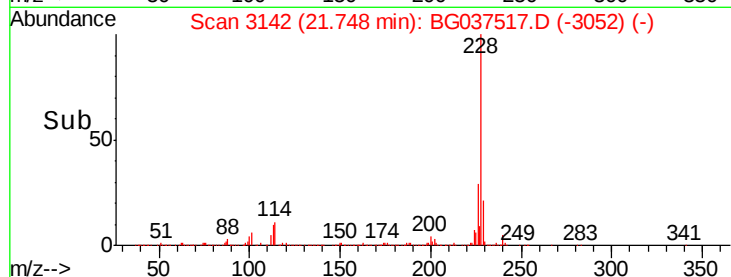
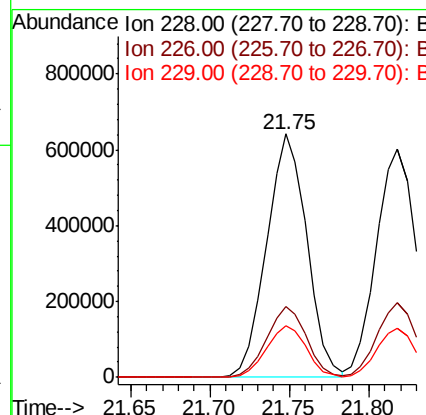
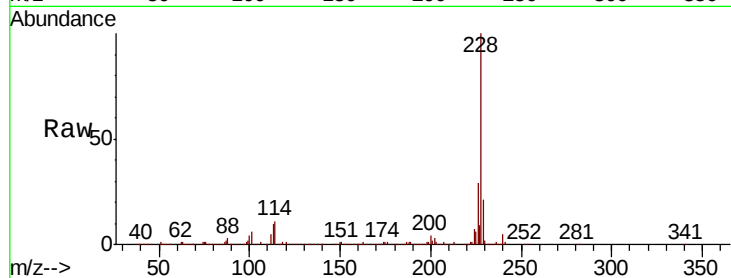




#81
Benzo(a)anthracene
Concen: 53.300 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

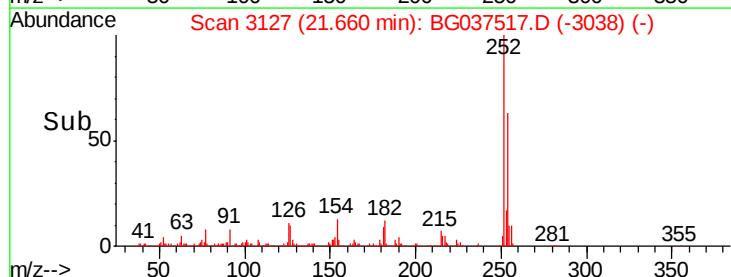
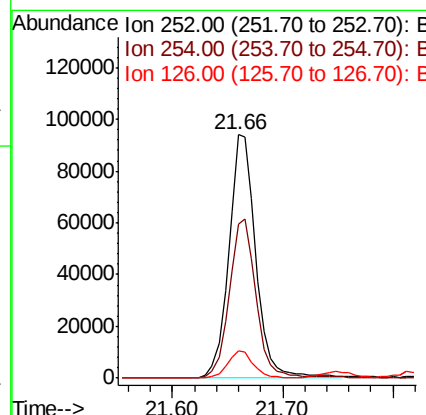
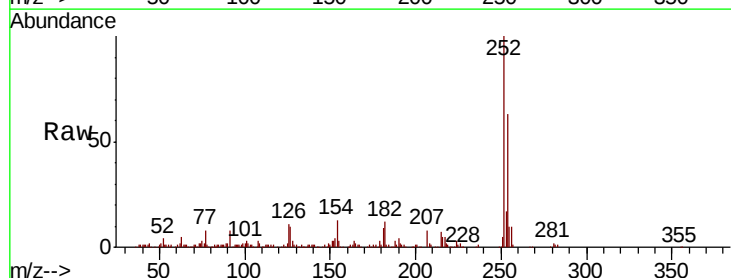
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1129871
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 21.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 19.501 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:252 Resp: 160236
Ion Ratio Lower Upper
252 100
254 63.2 52.0 78.0
126 11.0 8.2 12.4





#83

Chrysene

Concen: 51.691 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

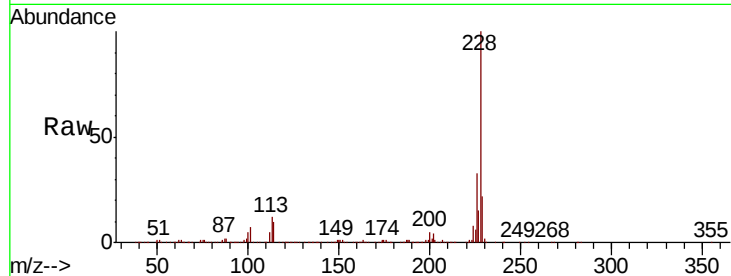
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1053666

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	21.6	16.5	24.7

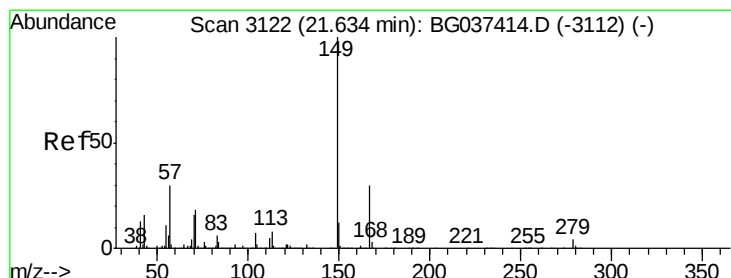
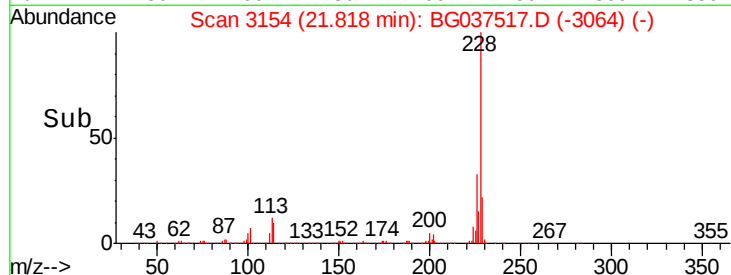
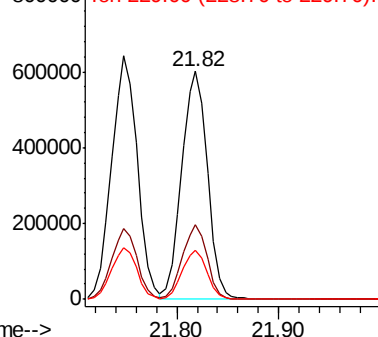


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.706 ng

RT: 21.62 min Scan# 3121

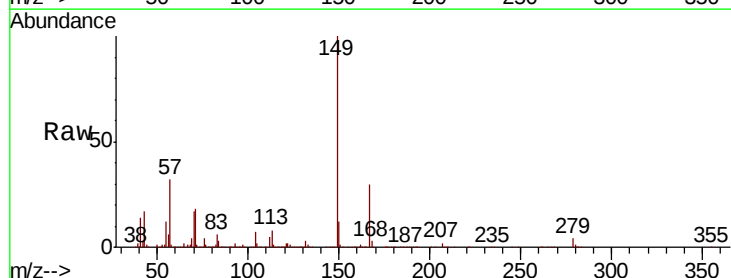
Delta R.T. -0.01 min

Lab File: BG037517.D

Acq: 24 Oct 2018 18:47

Tgt Ion:149 Resp: 735249

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.0	34.4
279	4.5	3.6	5.4

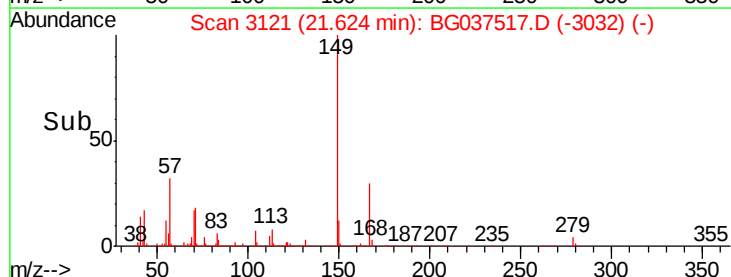
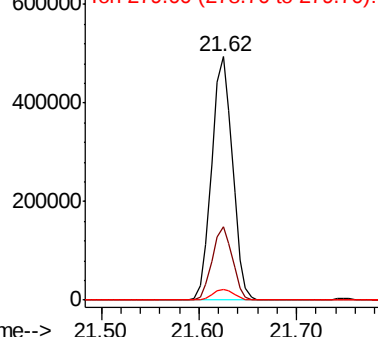


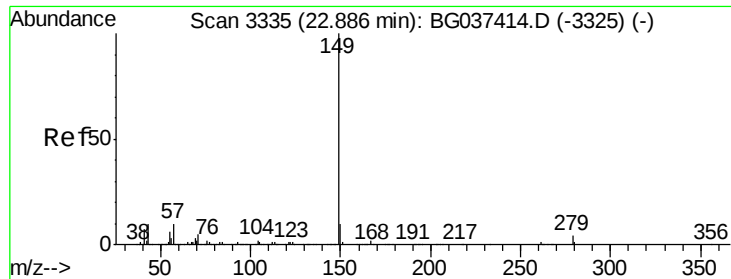
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

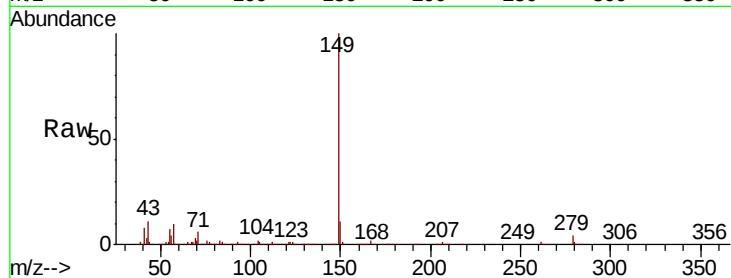




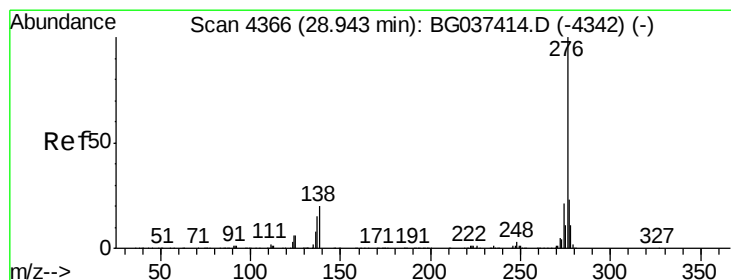
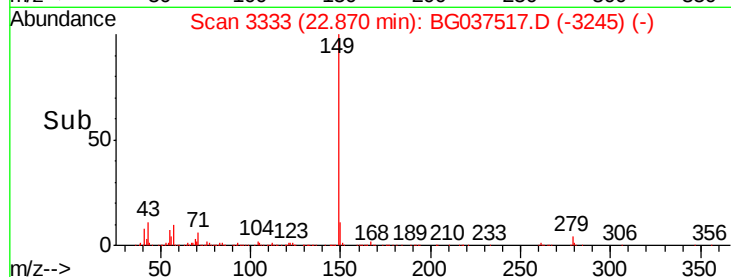
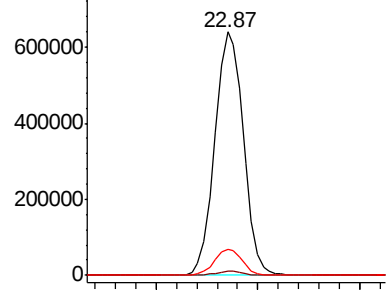
#85
Di-n-octyl phthalate
Concen: 56.974 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1248653
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.7 13.1

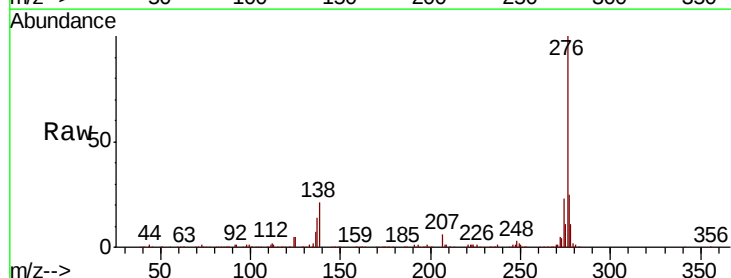


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

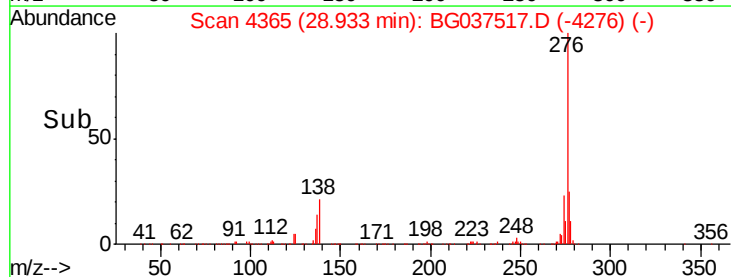
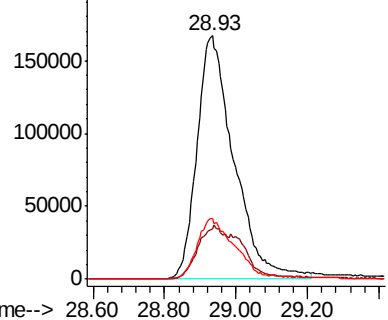


#86
Indeno(1,2,3-cd)pyrene
Concen: 54.987 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:276 Resp: 1202168
Ion Ratio Lower Upper
276 100
138 16.5 12.0 18.0
277 25.3 20.6 30.8



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



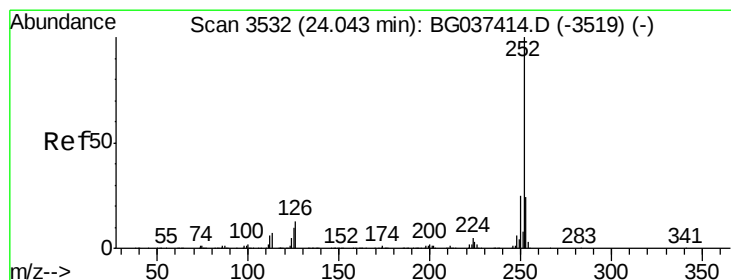
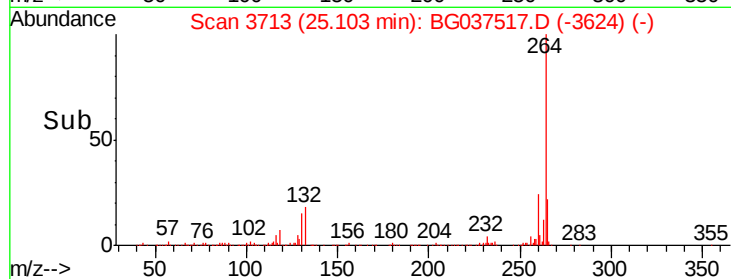
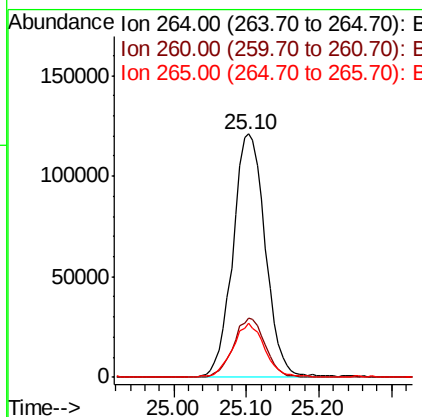
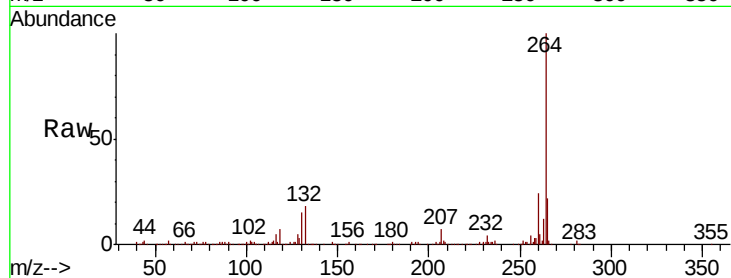


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 376035

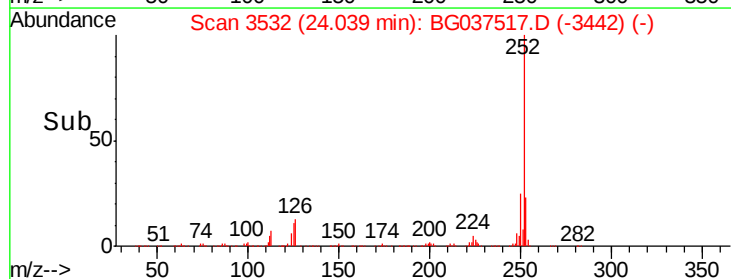
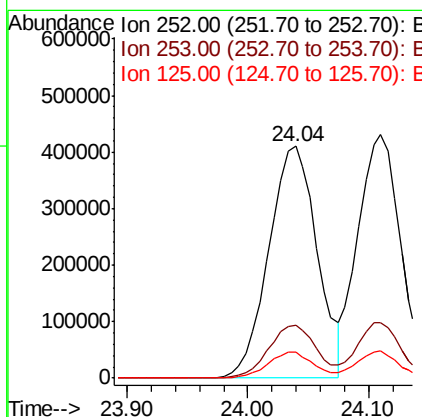
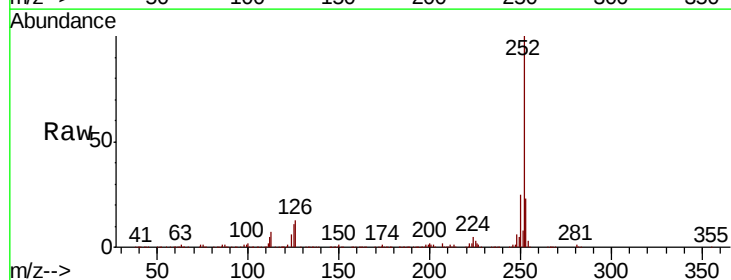
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.1	17.9	26.9

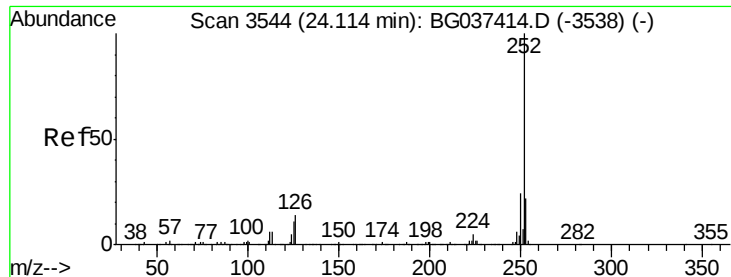


#88
Benzo(b)fluoranthene
Concen: 55.166 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:252 Resp: 1137287

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.1	7.8	11.6

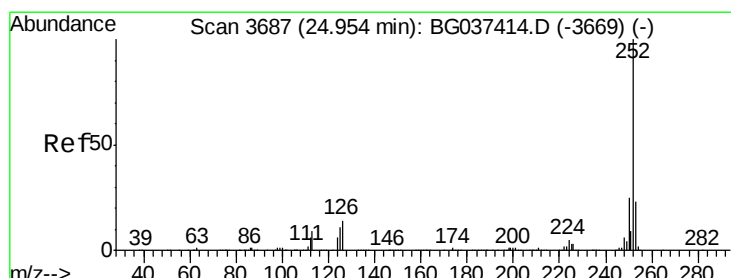
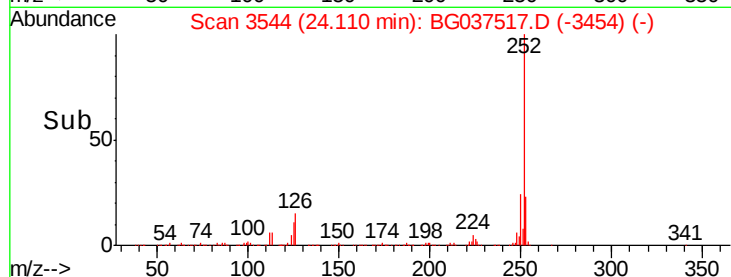
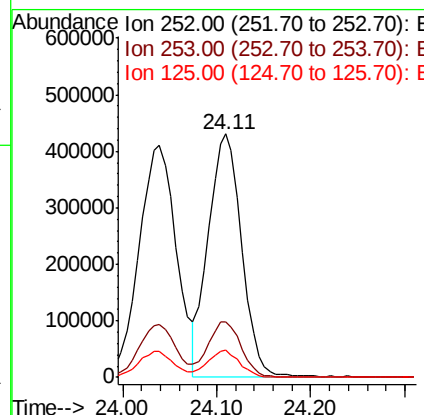
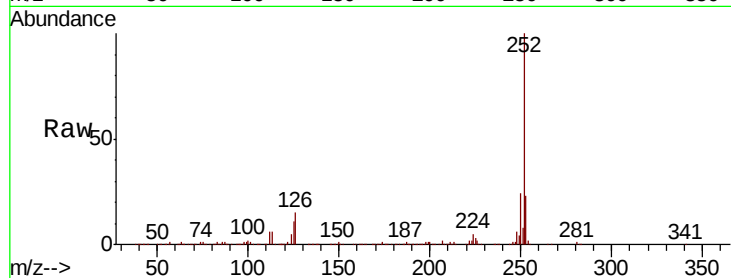




#89
Benzo(k)fluoranthene
Concen: 52.544 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

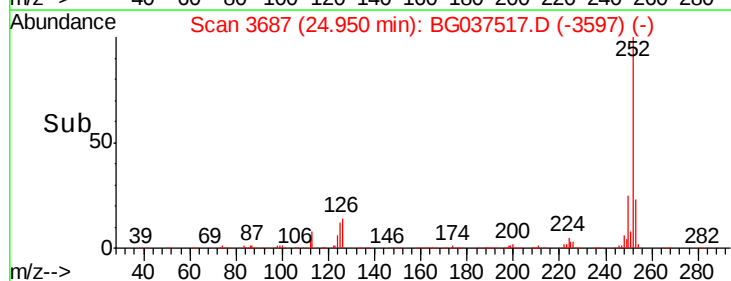
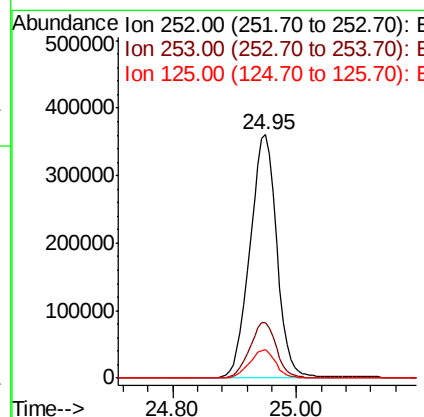
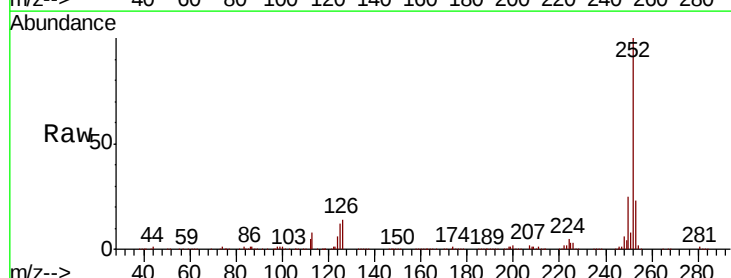
Instrument :
BNA_G
ClientSampled :

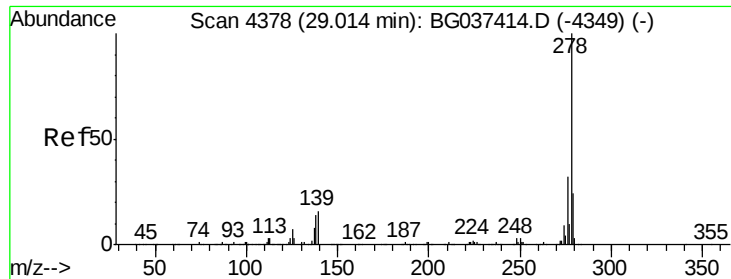
Tot Ion:252 Resp: 1061281
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.1 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 55.501 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion:252 Resp: 1087252
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.7 9.0 13.6

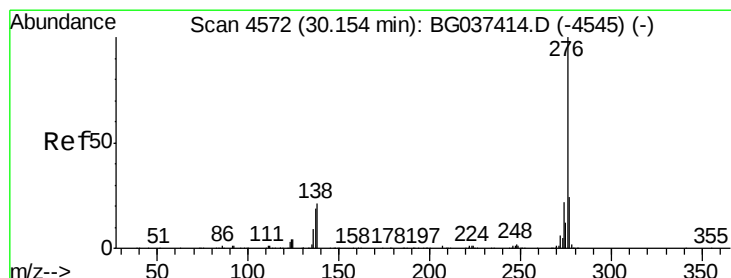
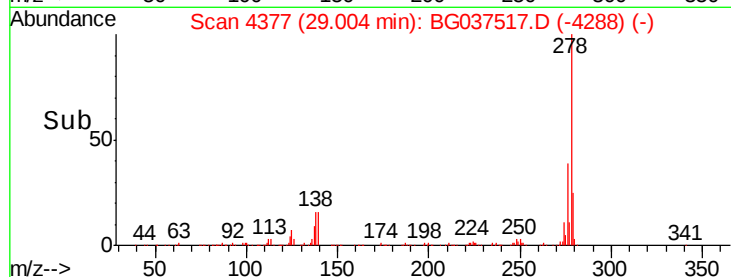
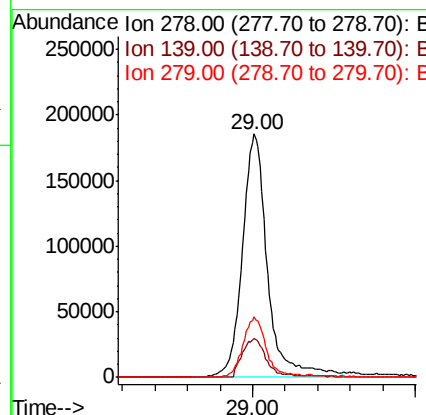
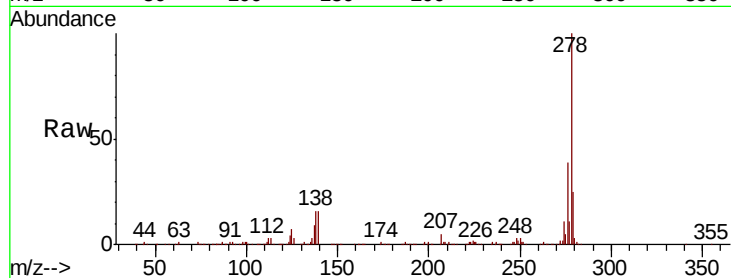




#91
Dibenzo(a,h)anthracene
Concen: 55.085 ng
RT: 29.00 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	24.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 53.172 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG037517.D
Acq: 24 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.7	17.2	25.8

