

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038113.D
 Acq On : 21 Nov 2018 11:09
 Operator : JU/SJ
 Sample : PB114976BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 11:54:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39984	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	170889	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106351	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254587	20.00	ng	0.00
76) Chrysene-d12	21.76	240	240624	20.00	ng	0.00
87) Perylene-d12	25.08	264	254888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	234573	101.29	ng	0.00
7) Phenol-d6	7.23	99	325466	98.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	196437	61.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103433	85.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	442439	60.61	ng	0.00
79) Terphenyl-d14	20.07	244	704990	68.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	27582	25.215	ng	96
3) Pyridine	3.92	79	80398	25.766	ng	97
4) n-Nitrosodimethylamine	3.84	42	42541	37.579	ng	93
6) Aniline	7.41	93	39644	9.292	ng	98
8) 2-Chlorophenol	7.64	128	95034	35.366	ng	95
9) Benzaldehyde	7.23	77	43075	18.019	ng	99
10) Phenol	7.26	94	124732	35.623	ng	100
11) bis(2-Chloroethyl)ether	7.50	93	90194	31.552	ng	98
12) 1,3-Dichlorobenzene	7.97	146	93767	30.290	ng	96
13) 1,4-Dichlorobenzene	8.12	146	95203	30.445	ng	100
14) 1,2-Dichlorobenzene	8.44	146	92461	30.970	ng	97
15) Benzyl Alcohol	8.32	79	80340	33.587	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	178911	33.706	ng	98
17) 2-Methylphenol	8.52	107	84759	35.805	ng	98
18) Hexachloroethane	9.17	117	35575	31.259	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	72287	30.221	ng	98
20) 3+4-Methylphenols	8.85	107	115940	34.549	ng	98
22) Acetophenone	8.92	105	137241	32.278	ng	# 99
24) Nitrobenzene	9.31	77	110186	33.741	ng	98
25) Isophorone	9.82	82	200551	34.903	ng	99
26) 2-Nitrophenol	10.02	139	51165	31.384	ng	95
27) 2,4-Dimethylphenol	10.06	122	96561	39.311	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	124136	33.786	ng	96
29) 2,4-Dichlorophenol	10.55	162	97854	35.417	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	99403	32.106	ng	97
31) Naphthalene	10.96	128	291380	34.667	ng	99
32) Benzoic acid	10.06	122	96561	57.698	ng	# 12
33) 4-Chloroaniline	11.07	127	32855	8.403	ng	95
34) Hexachlorobutadiene	11.21	225	57110	29.971	ng	98
35) Caprolactam	11.85	113	33645	30.423	ng	# 84
36) 4-Chloro-3-methylphenol	12.17	107	104675	34.678	ng	99
37) 2-Methylnaphthalene	12.55	142	215749	35.735	ng	96
38) 1-Methylnaphthalene	12.77	142	202076	34.772	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	108545	30.544	ng	99

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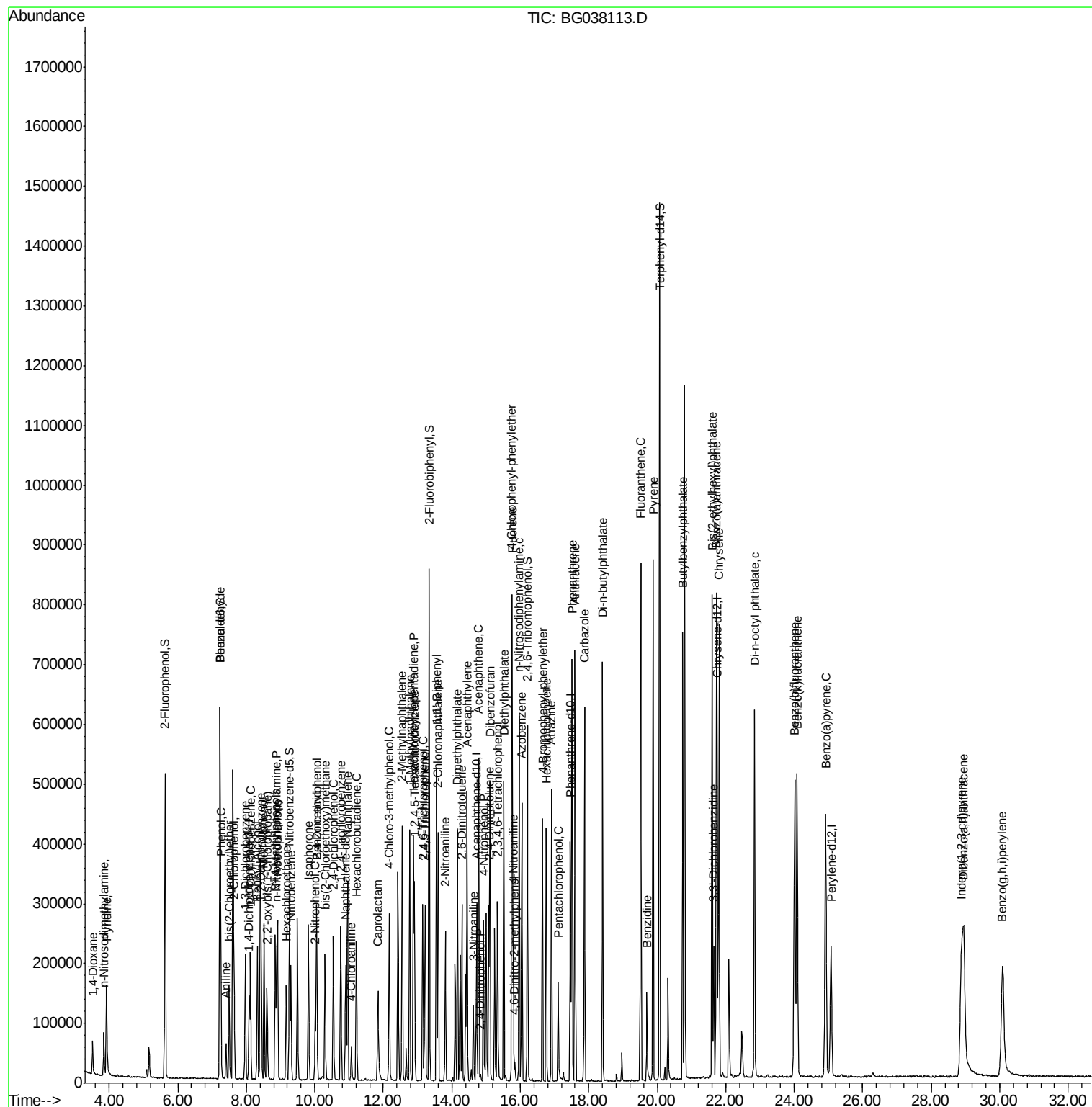
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	124640	65.498	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	76879	31.746	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	83294	32.689	nq	98
46) 1,1'-Biphenyl	13.55	154	273731	30.637	nq	98
47) 2-Chloronaphthalene	13.60	162	220178	32.294	nq	99
48) 2-Nitroaniline	13.81	65	75611	35.237	nq	97
49) Acenaphthylene	14.45	152	364384	35.540	nq	100
50) Dimethylphthalate	14.17	163	283265	33.597	nq	100
51) 2,6-Dinitrotoluene	14.30	165	65590	34.372	nq	97
52) Acenaphthene	14.79	154	208817	33.831	nq	99
53) 3-Nitroaniline	14.63	138	33577	15.946	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	3696	12.456	nq	# 87
55) Dibenzofuran	15.12	168	342702	33.578	nq	99
56) 4-Nitrophenol	14.93	139	85430	52.605	nq	98
57) 2,4-Dinitrotoluene	15.09	165	91419	35.211	nq	95
58) Fluorene	15.77	166	273956	35.976	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	62809	29.458	nq	92
60) Diethylphthalate	15.52	149	297377	33.207	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	140764	31.591	nq	97
62) 4-Nitroaniline	15.80	138	71040	33.962	nq	95
63) Azobenzene	16.04	77	279189	34.868	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	9163	5.690	nq	92
66) n-Nitrosodiphenylamine	15.97	169	251837	32.698	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	87594	31.347	nq	98
68) Hexachlorobenzene	16.76	284	89873	31.159	nq	97
69) Atrazine	16.91	200	91460	32.213	nq	99
70) Pentachlorophenol	17.11	266	36654	18.711	nq	91
71) Phenanthrene	17.51	178	464634	35.646	nq	99
72) Anthracene	17.60	178	474347	36.918	nq	100
73) Carbazole	17.88	167	428331	33.227	nq	99
74) Di-n-butylphthalate	18.41	149	522352	36.098	nq	99
75) Fluoranthene	19.52	202	550285	37.003	nq	99
77) Benzidine	19.70	184	99471	11.781	nq	98
78) Pyrene	19.88	202	550159	34.970	nq	99
80) Butylbenzylphthalate	20.75	149	238871	34.720	nq	98
81) Benzo(a)anthracene	21.73	228	525958	36.170	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	82852	14.627	nq	100
83) Chrysene	21.80	228	492278	35.383	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	334812	34.125	nq	98
85) Di-n-octyl phthalate	22.84	149	577892	36.407	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	553224	35.803	nq	# 90
88) Benzo(b)fluoranthene	24.01	252	521567	37.184	nq	99
89) Benzo(k)fluoranthene	24.08	252	501131	36.207	nq	98
90) Benzo(a)pyrene	24.92	252	505159	37.685	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	433144	33.582	nq	98
92) Benzo(g,h,i)perylene	30.08	276	433537	33.805	nq	97

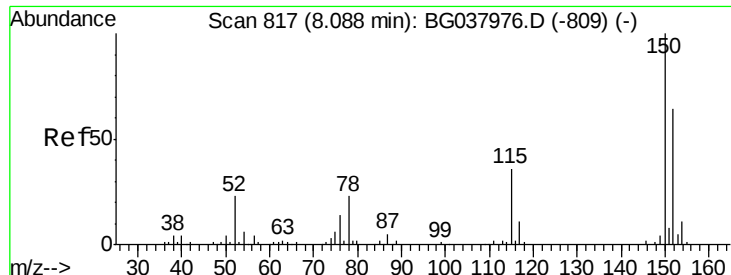
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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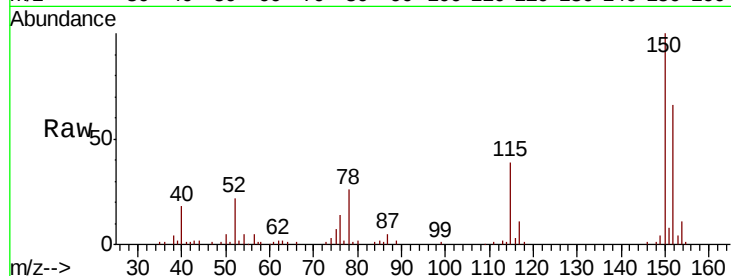


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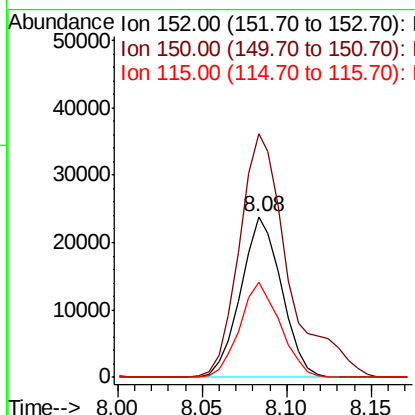
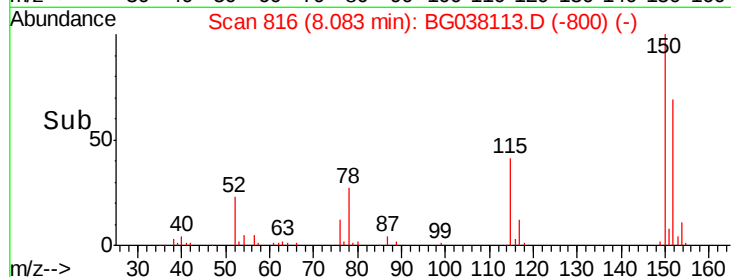
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39984
Ion Ratio Lower Upper
152 100
150 151.7 126.0 189.0
115 59.2 45.5 68.3



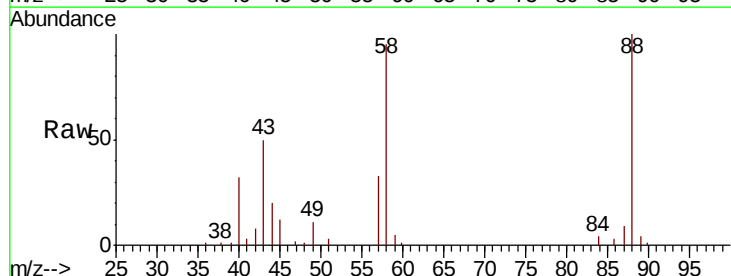
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



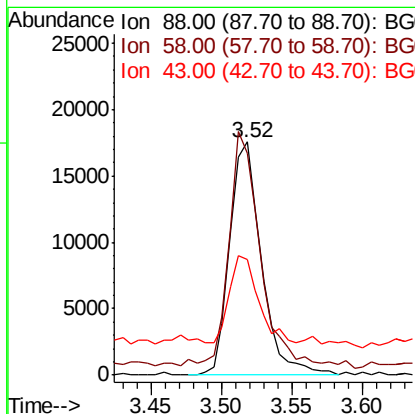
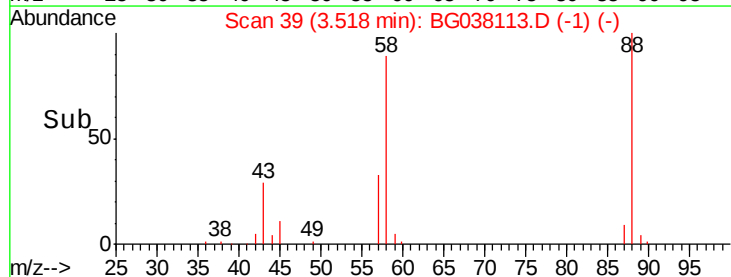
#2

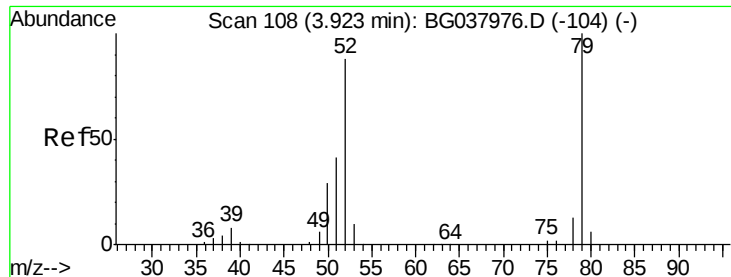
1,4-Dioxane
Concen: 25.215 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion: 88 Resp: 27582
Ion Ratio Lower Upper
88 100
58 97.7 74.4 111.6
43 33.9 25.8 38.8



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





#3

Pvridine

Concen: 25.766 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampled :

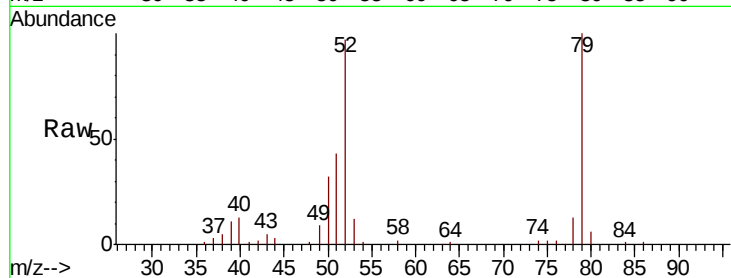
Tot Ion: 79 Resp: 80398

Ion Ratio Lower Upper

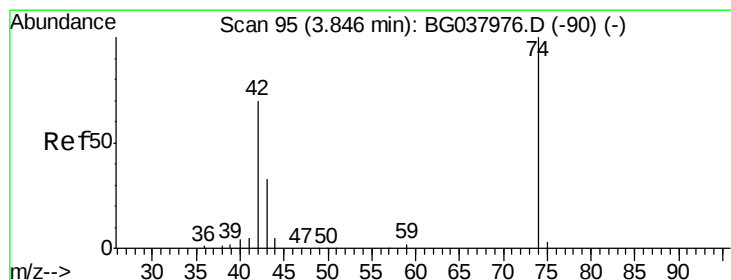
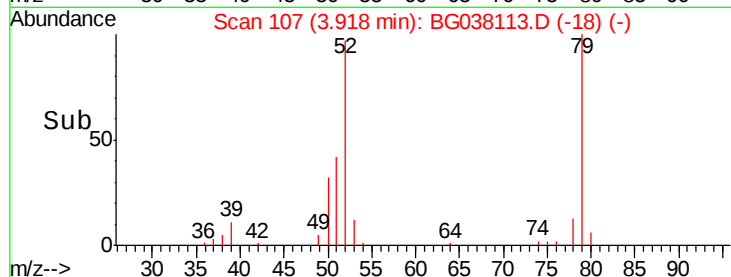
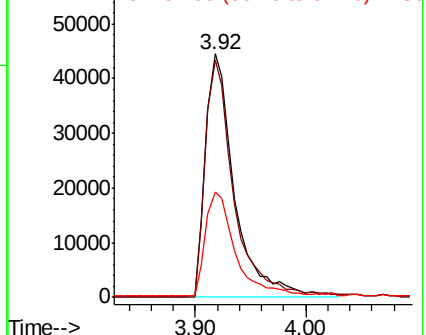
79 100

52 97.4 74.2 111.2

51 43.5 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: 37.579 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

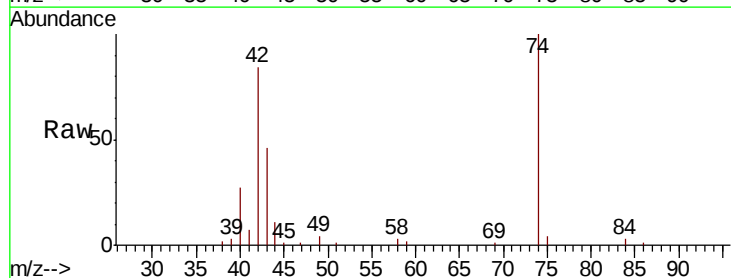
Tgt Ion: 42 Resp: 42541

Ion Ratio Lower Upper

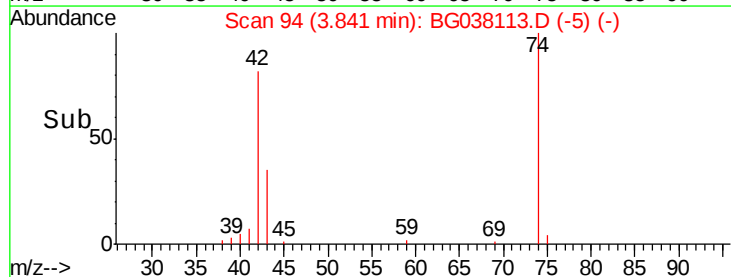
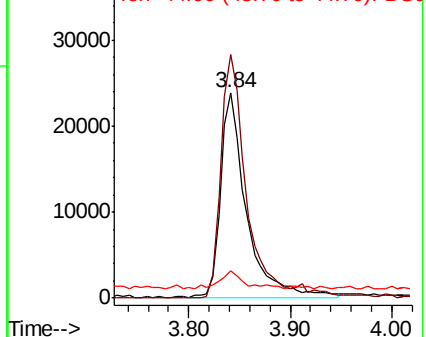
42 100

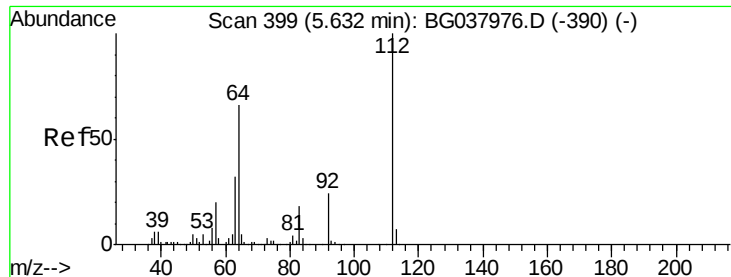
74 118.6 102.0 153.0

44 13.2 9.6 14.4



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





#5

2-Fluorophenol

Concen: 101.292 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampled :

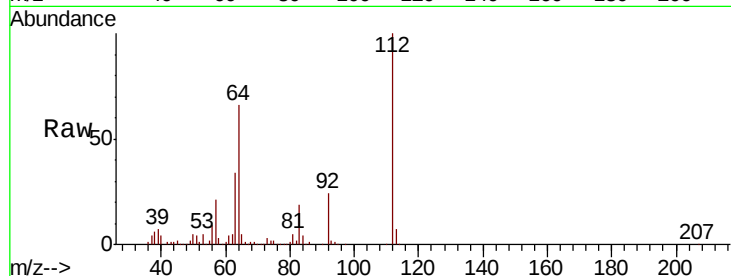
Tot Ion:112 Resp: 234573

Ion Ratio Lower Upper

112 100

64 65.8 53.1 79.7

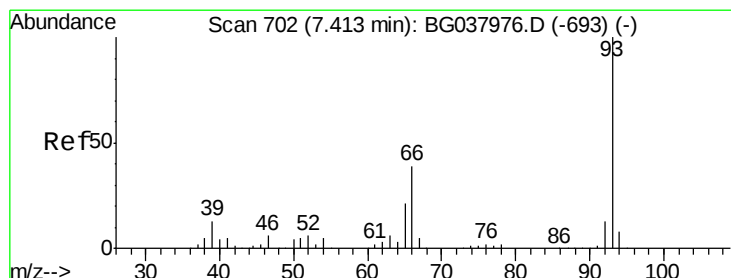
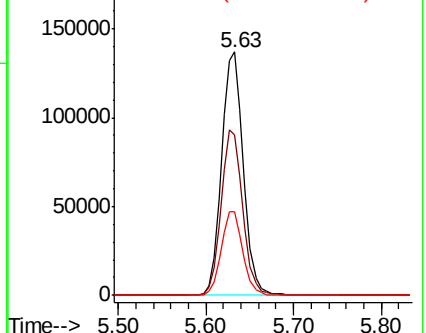
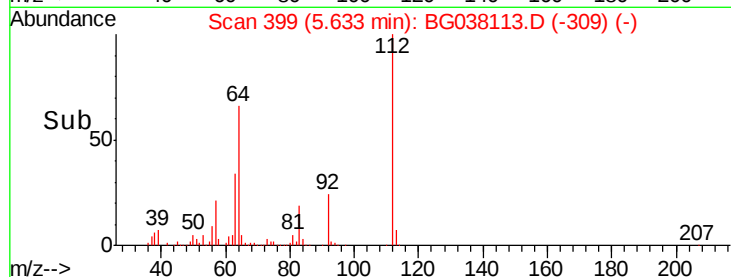
63 34.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.292 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

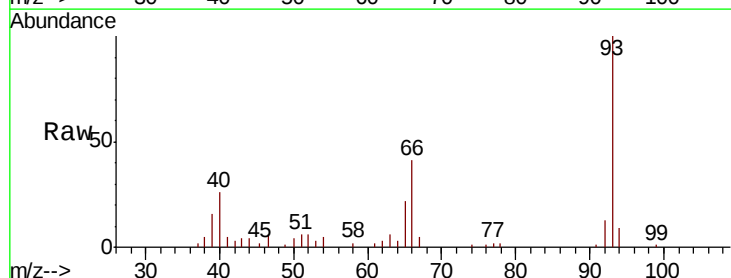
Tgt Ion: 93 Resp: 39644

Ion Ratio Lower Upper

93 100

66 40.7 32.8 49.2

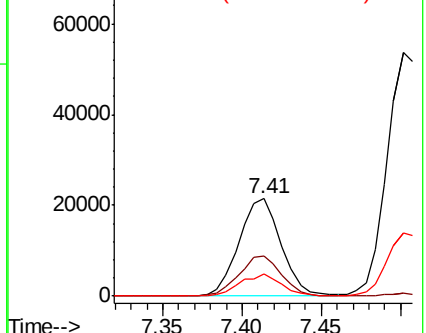
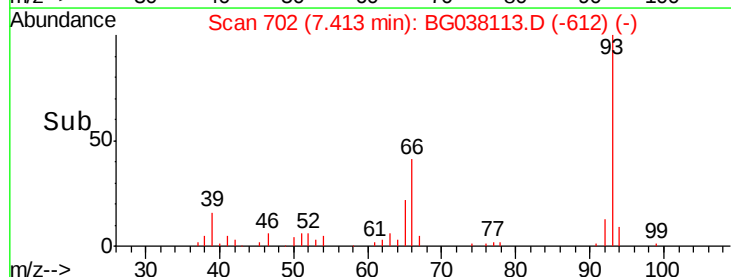
65 22.4 16.4 24.6

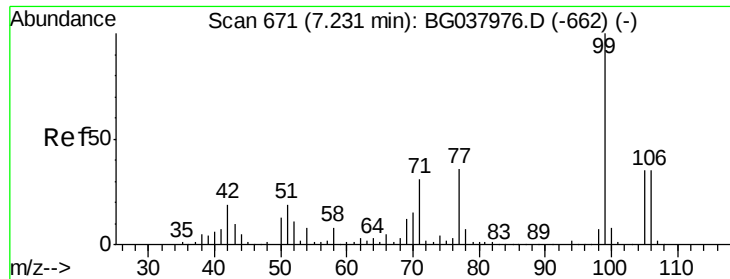


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.457 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

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ClientSampleId :

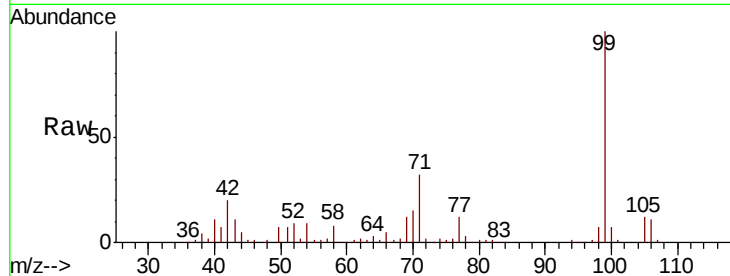
Tot Ion: 99 Resp: 325466

Ion Ratio Lower Upper

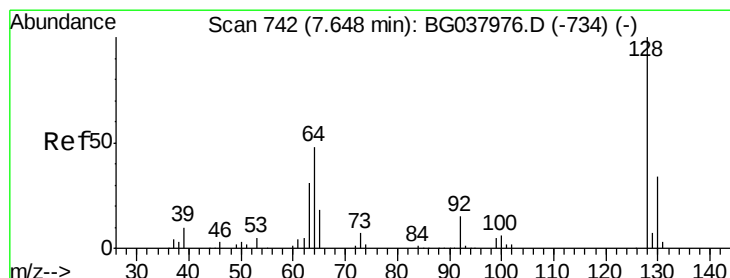
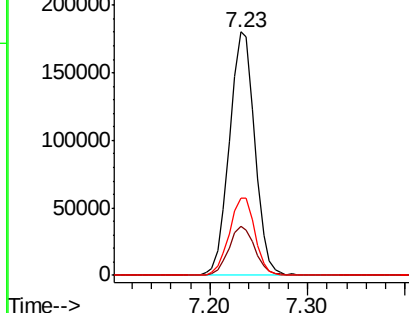
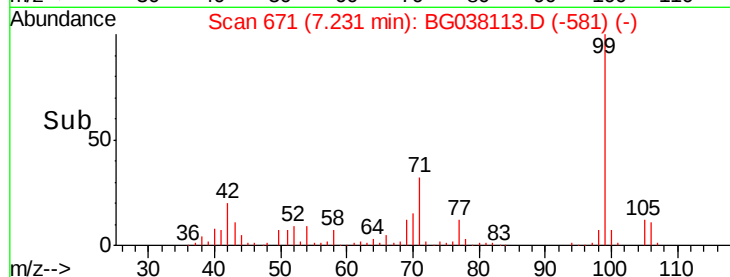
99 100

42 20.0 15.0 22.4

71 31.7 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: 35.366 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

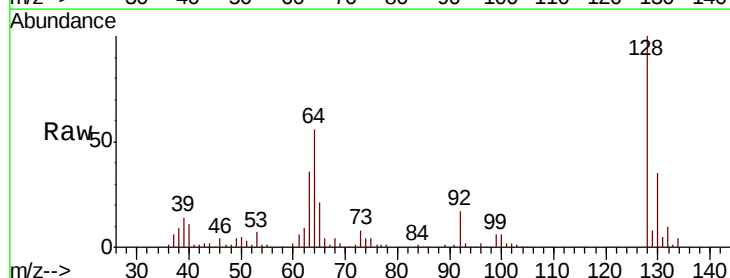
Tgt Ion: 128 Resp: 95034

Ion Ratio Lower Upper

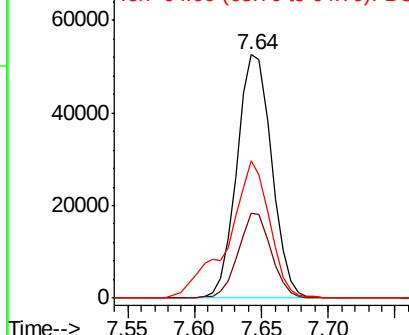
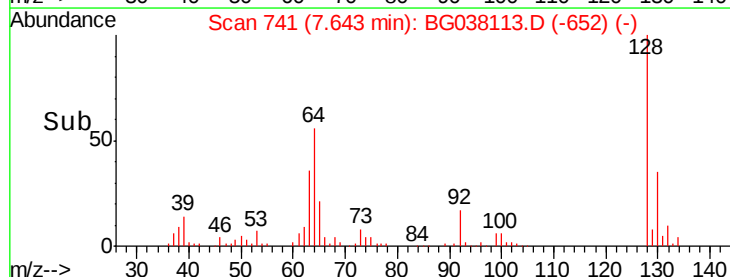
128 100

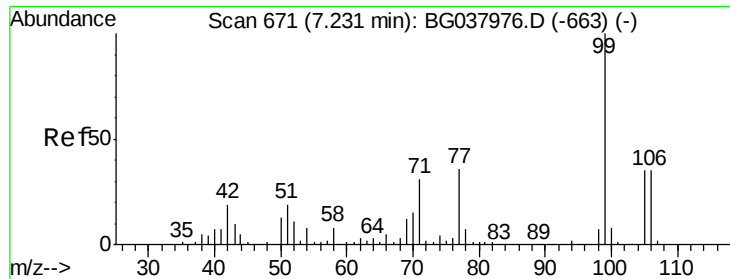
130 34.7 12.0 52.0

64 56.3 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: 18.019 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038113.D

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Instrument :

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ClientSampleId :

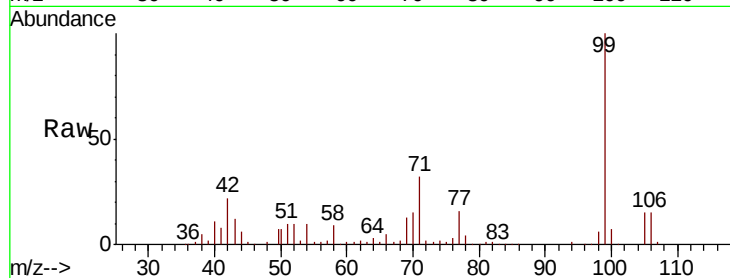
Tot Ion: 77 Resp: 43075

Ion Ratio Lower Upper

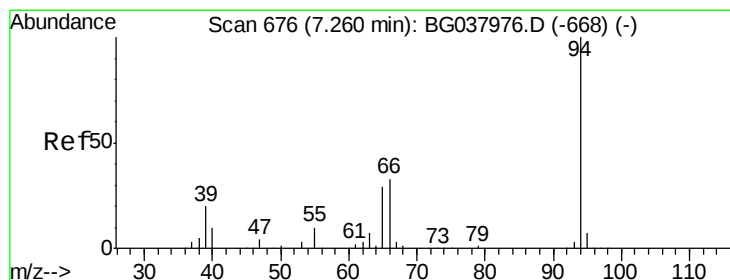
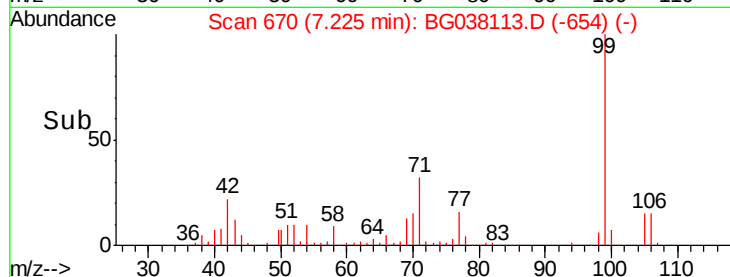
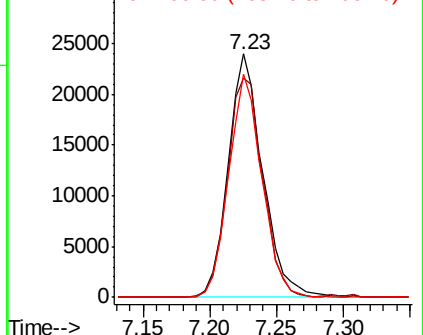
77 100

105 90.2 72.6 112.6

106 91.6 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: 35.623 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

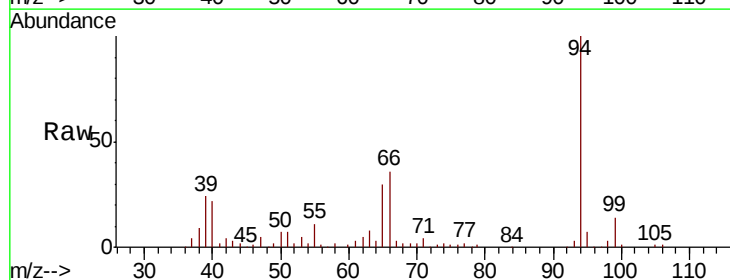
Tgt Ion: 94 Resp: 124732

Ion Ratio Lower Upper

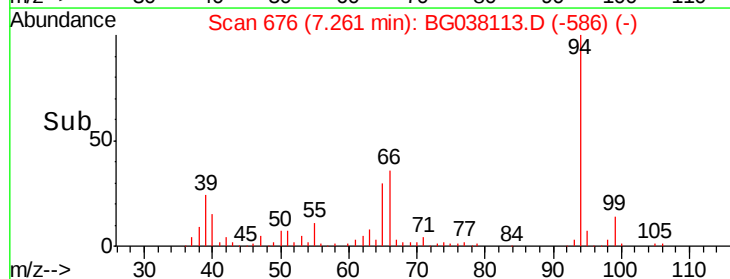
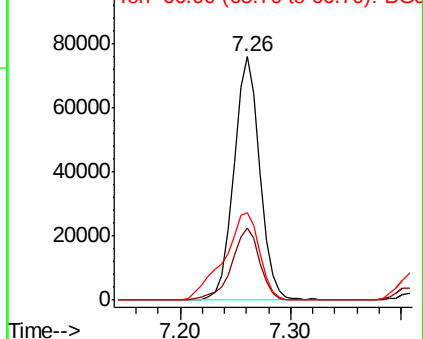
94 100

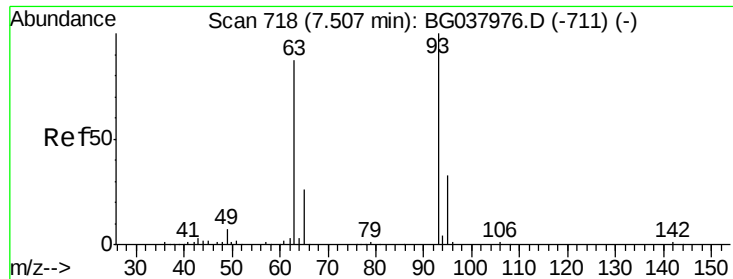
65 29.9 9.7 49.7

66 36.1 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

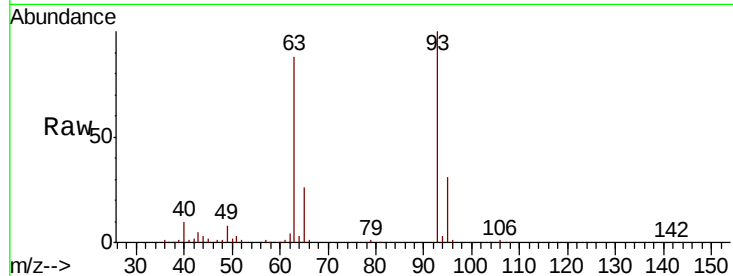




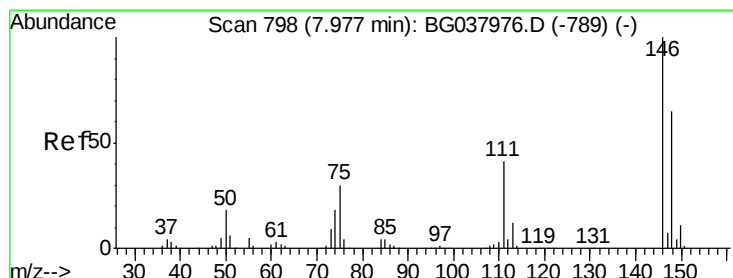
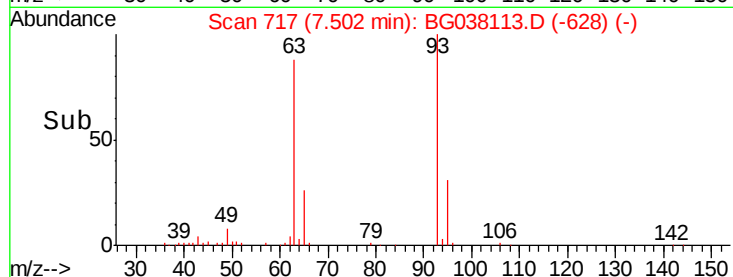
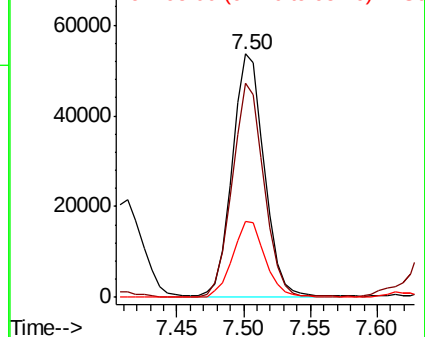
#11
bis(2-Chloroethyl)ether
Concen: 31.552 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 90194
Ion Ratio Lower Upper
93 100
63 87.9 69.5 109.5
95 31.4 12.6 52.6

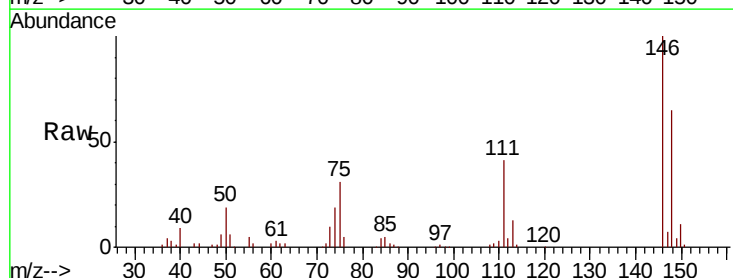


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

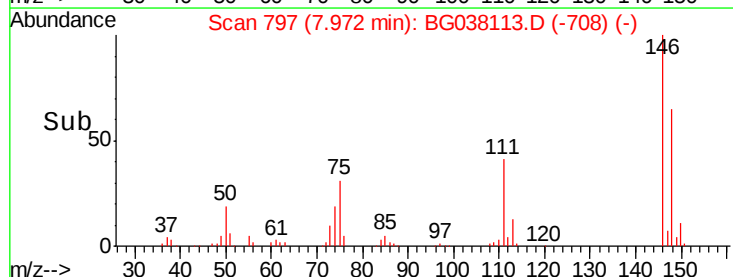
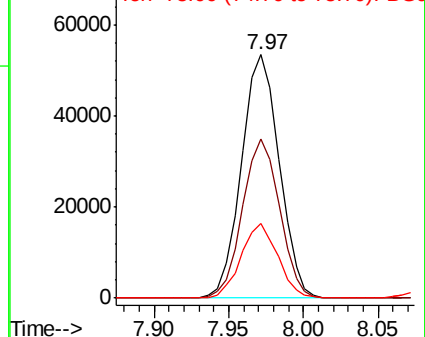


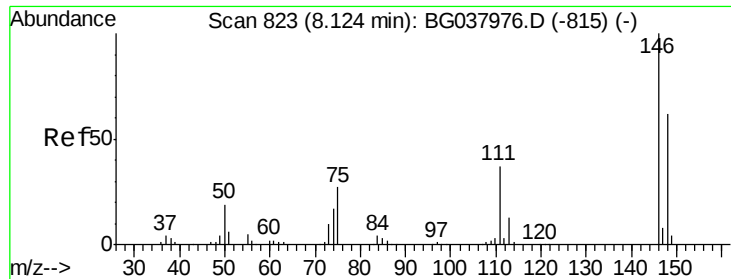
#12
1,3-Dichlorobenzene
Concen: 30.290 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion: 146 Resp: 93767
Ion Ratio Lower Upper
146 100
148 65.3 49.8 74.8
75 30.7 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

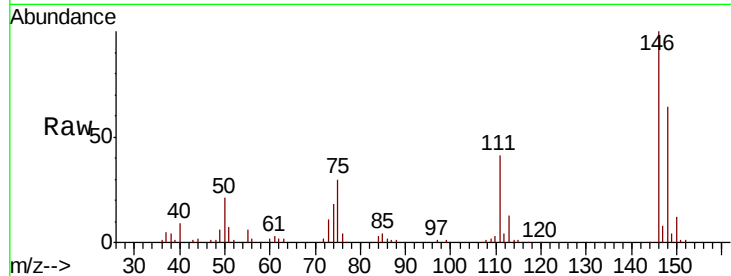




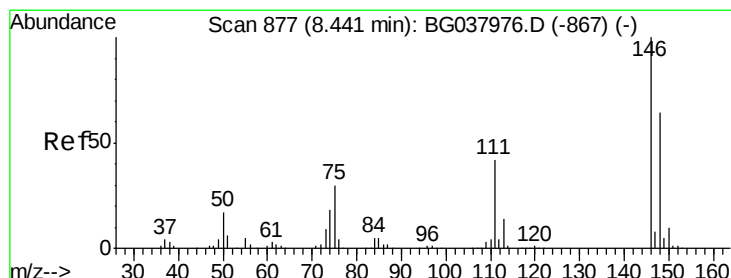
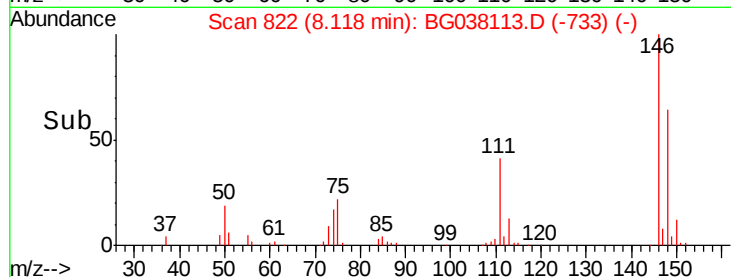
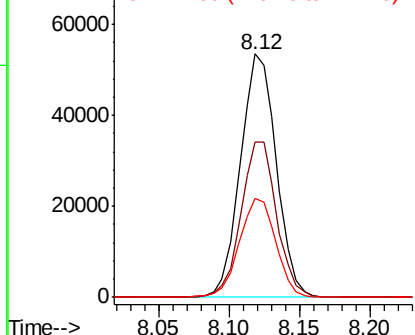
#13
 1,4-Dichlorobenzene
 Concen: 30.445 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 95203
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 40.7 32.4 48.6

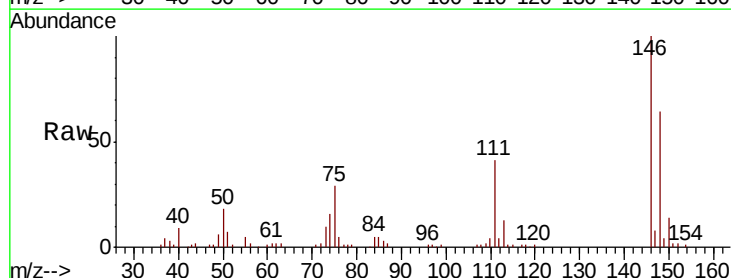


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

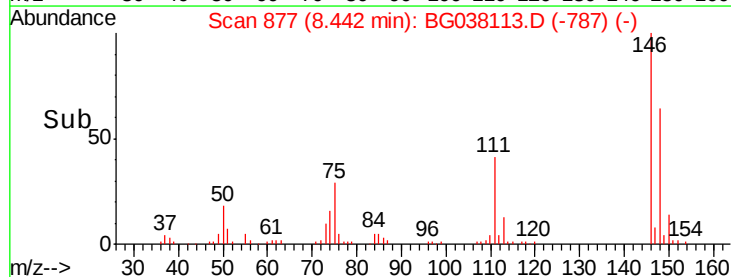
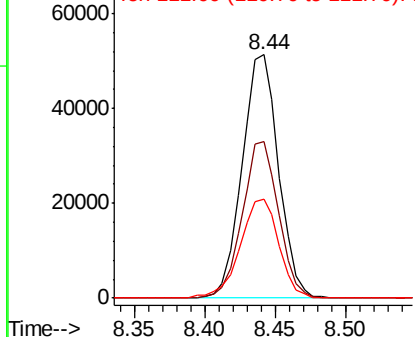


#14
 1,2-Dichlorobenzene
 Concen: 30.970 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:146 Resp: 92461
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 40.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 33.587 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

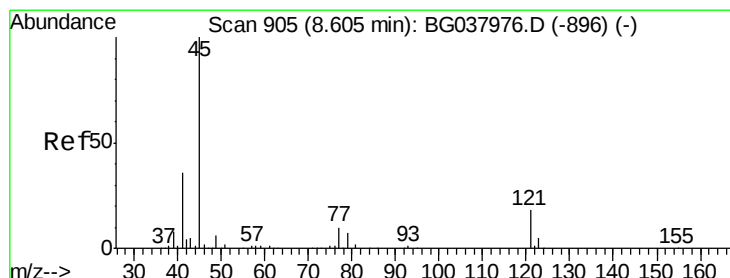
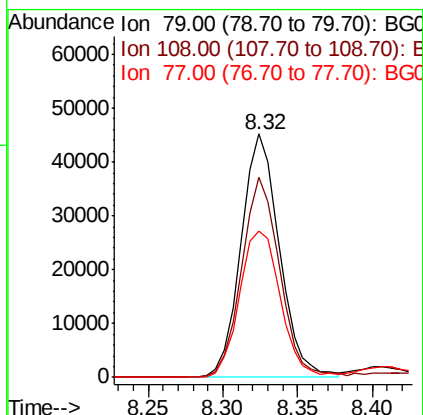
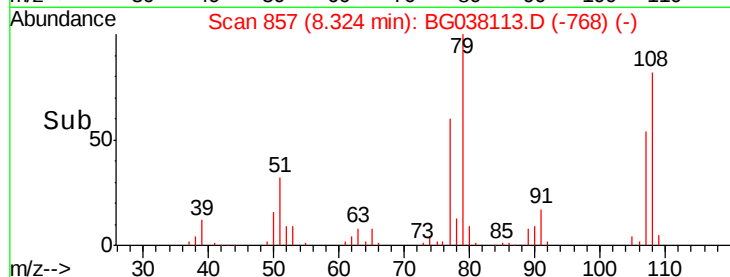
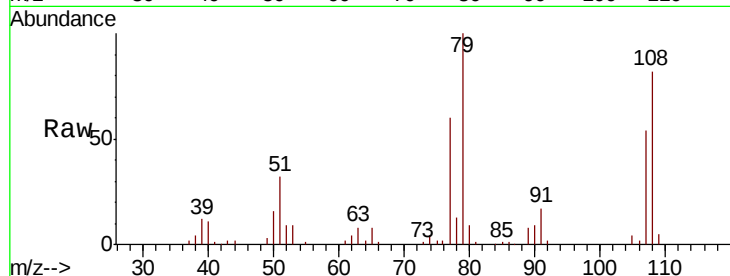
Tot Ion: 79 Resp: 80340

Ion Ratio Lower Upper

79 100

108 82.4 65.8 98.8

77 59.9 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.706 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

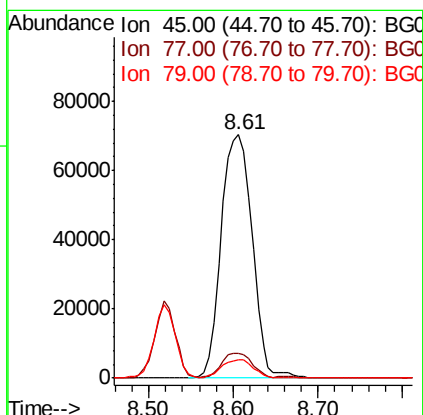
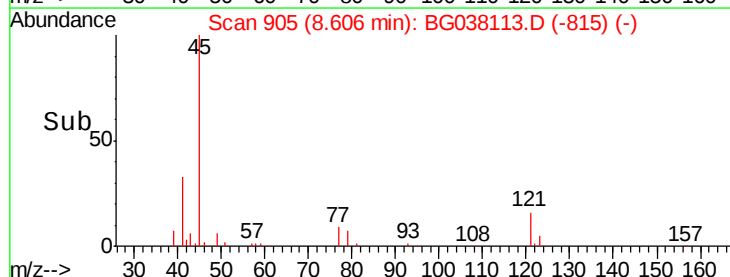
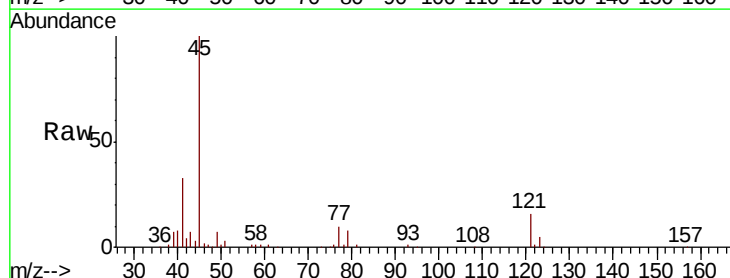
Tgt Ion: 45 Resp: 178911

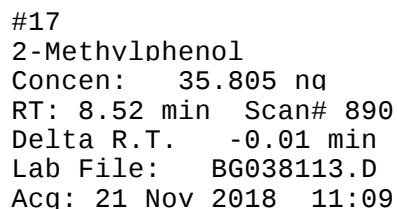
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

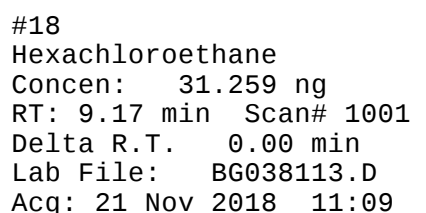
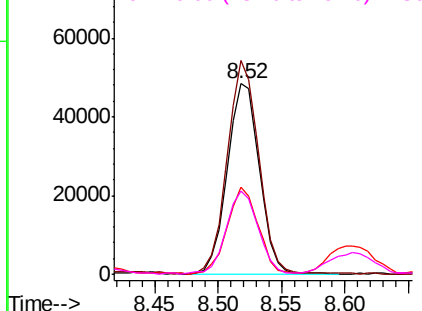
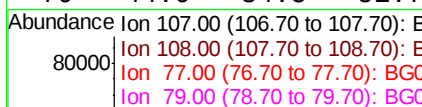
79 7.7 0.0 29.0



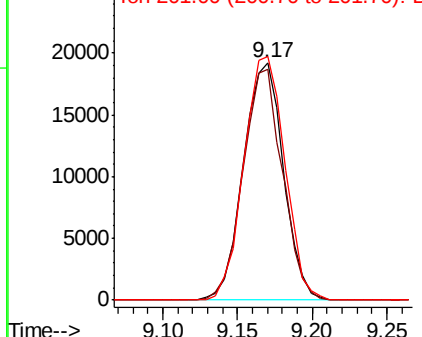
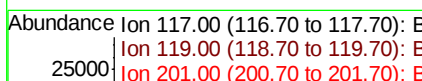


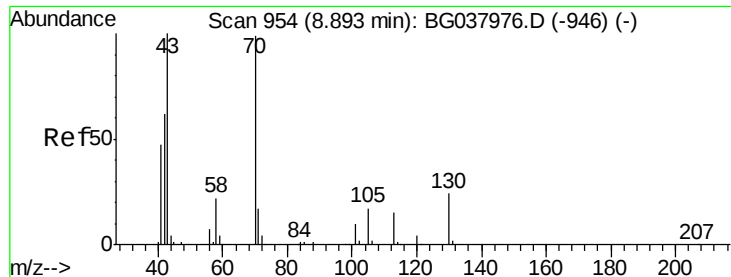
Instrument :
BNA_G
ClientSampleId :

Tot	Ion:107	Resp:	84759
Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	46.0	35.1	52.7
79	44.0	34.5	51.7



Tgt	Ion:117	Resp:	35575
Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.6	111.8
201	102.5	80.8	121.2

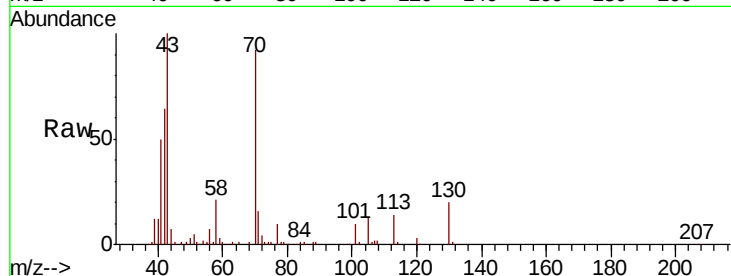




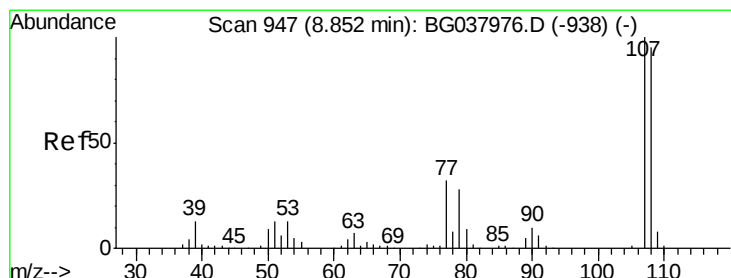
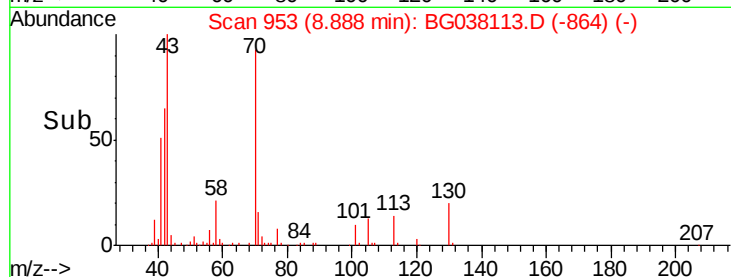
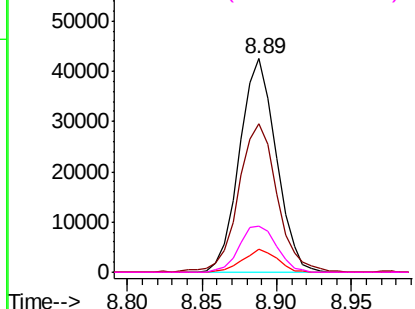
#19
n-Nitroso-di-n-propylamine
Concen: 30.221 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	72287
Ion	Ratio	Lower	Upper
70	100		
42	69.2	53.9	80.9
101	11.0	8.2	12.2
130	21.7	18.2	27.4

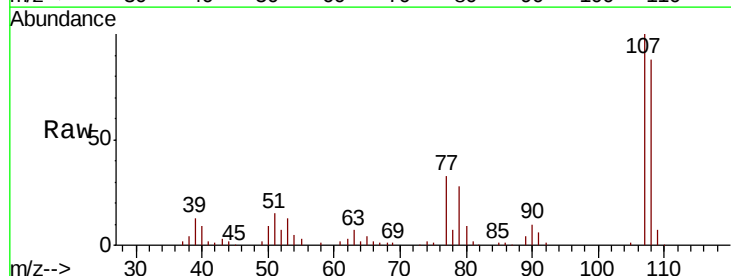


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

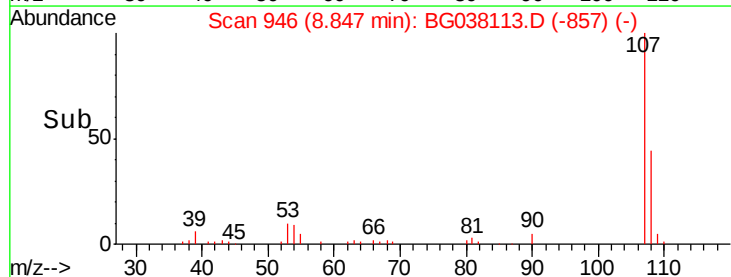
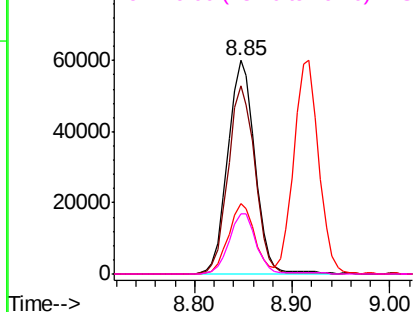


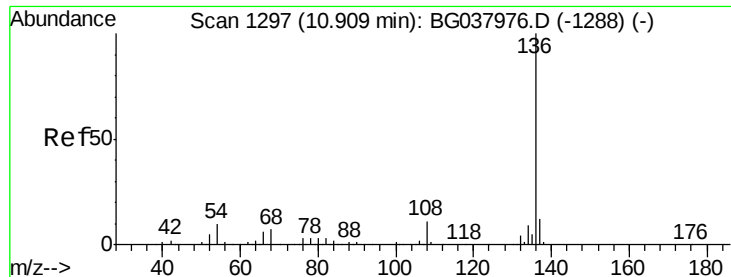
#20
3+4-Methylphenols
Concen: 34.549 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:	107	Resp:	115940
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.9	109.9
77	33.0	11.2	51.2
79	28.3	6.6	46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 170889

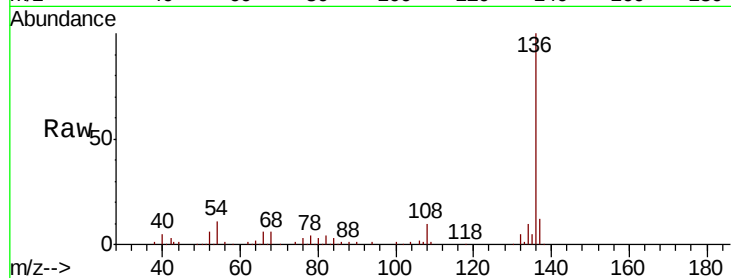
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 11.0 7.9 11.9

68 6.4 4.8 7.2

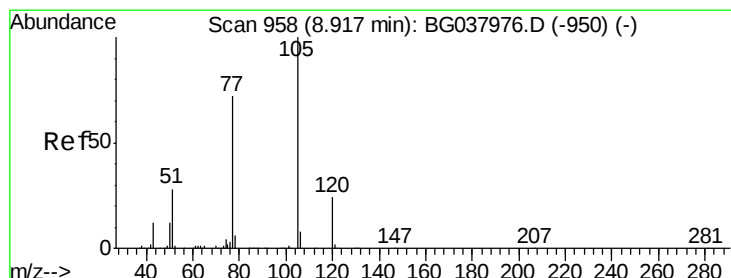
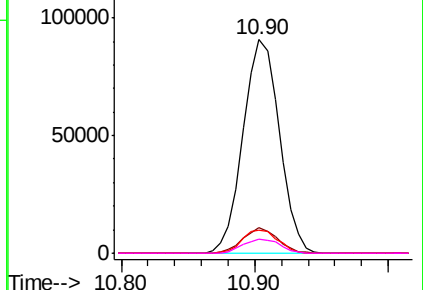
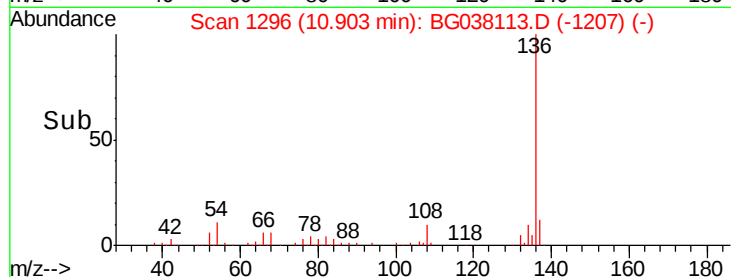


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.278 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:105 Resp: 137241

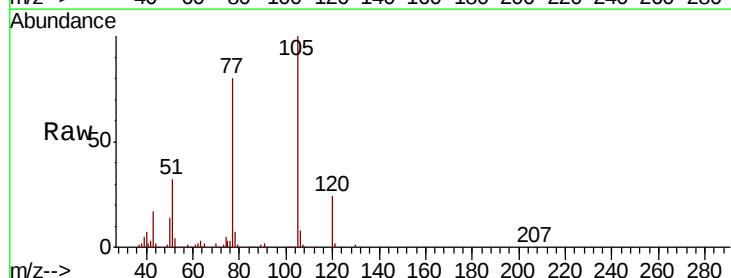
Ion Ratio Lower Upper

105 100

71 0.4 1.2 1.8#

51 31.9 25.0 37.6

120 24.0 18.6 28.0

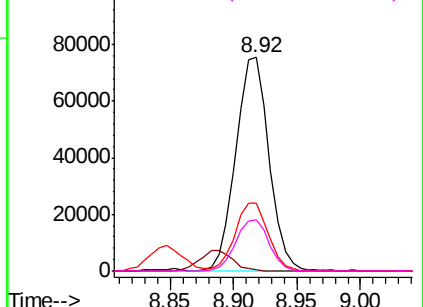
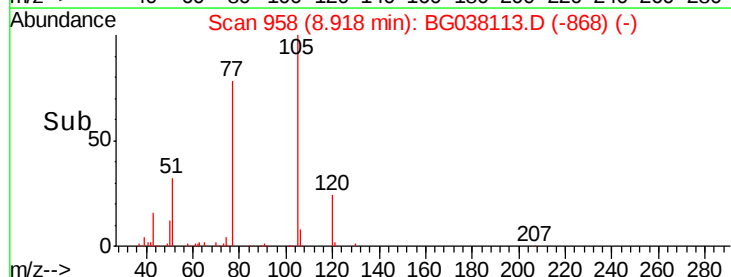


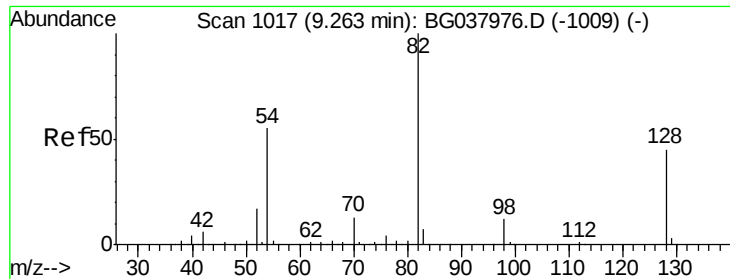
Abundance Ion 105.00 (104.70 to 105.70): E

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

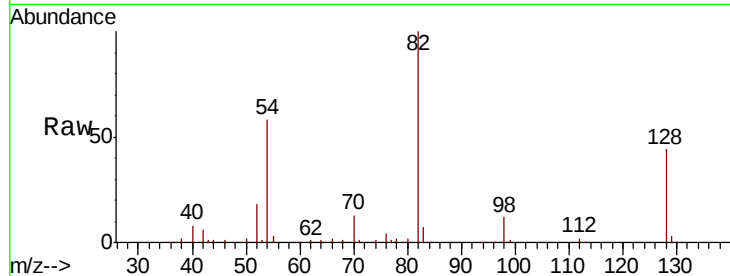




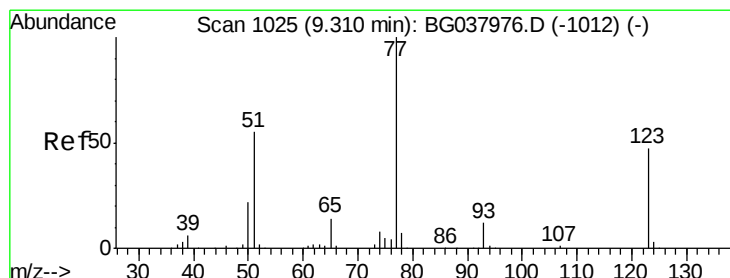
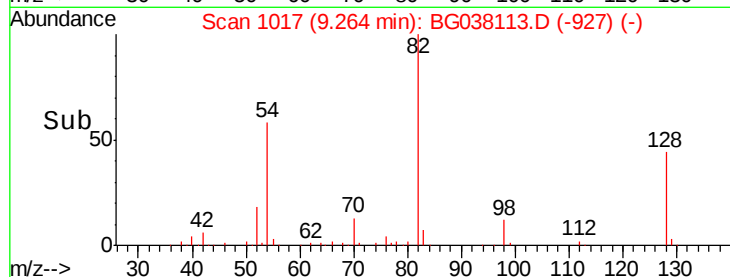
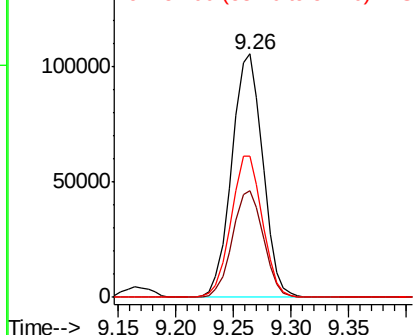
#23
 Nitrobenzene-d5
 Concen: 61.533 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	196437
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	58.1	45.3	67.9

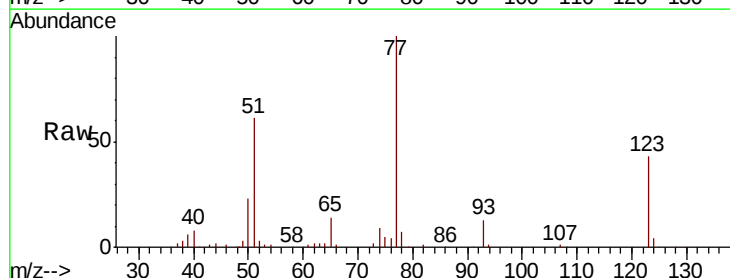


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

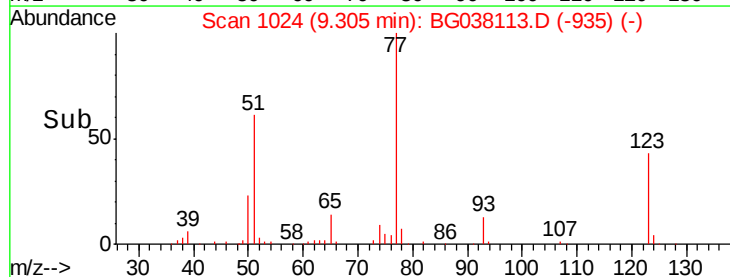
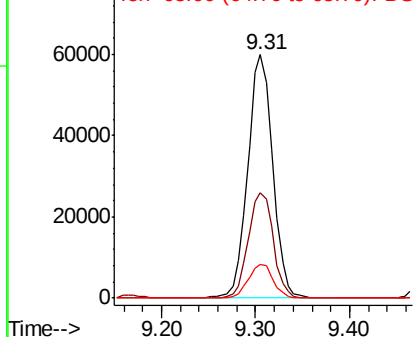


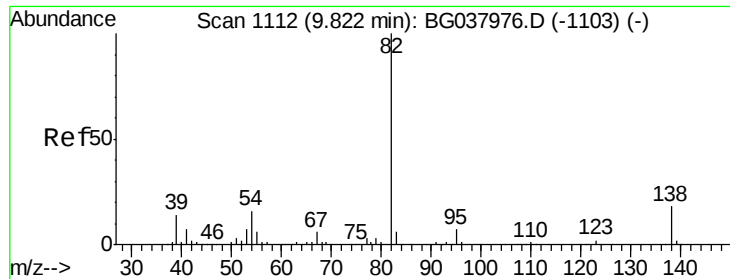
#24
 Nitrobenzene
 Concen: 33.741 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	77	Resp	110186
Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.6	50.4
65	14.0	11.3	16.9



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





#25

Isophorone

Concen: 34.903 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

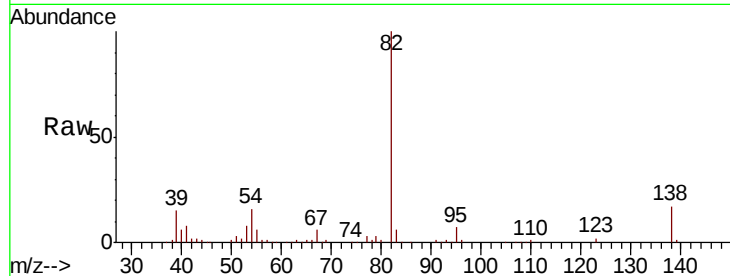
Tot Ion: 82 Resp: 200551

Ion Ratio Lower Upper

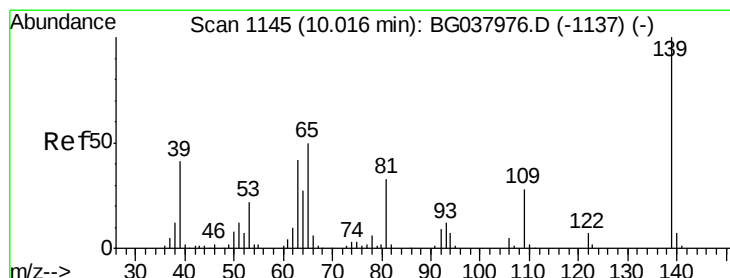
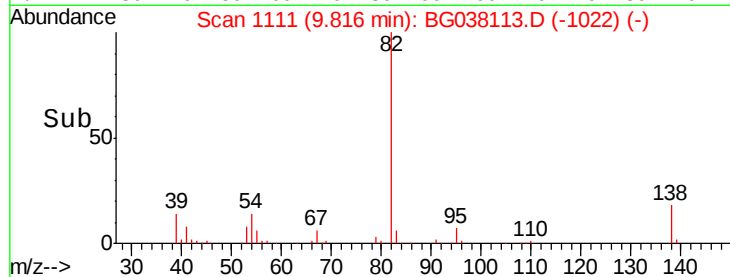
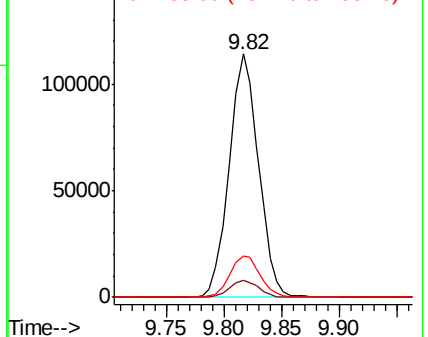
82 100

95 6.8 5.3 7.9

138 17.2 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: 31.384 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

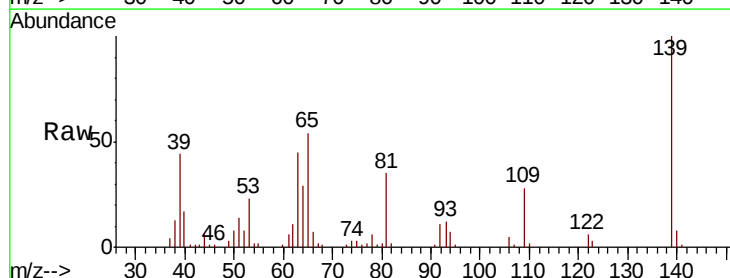
Tgt Ion: 139 Resp: 51165

Ion Ratio Lower Upper

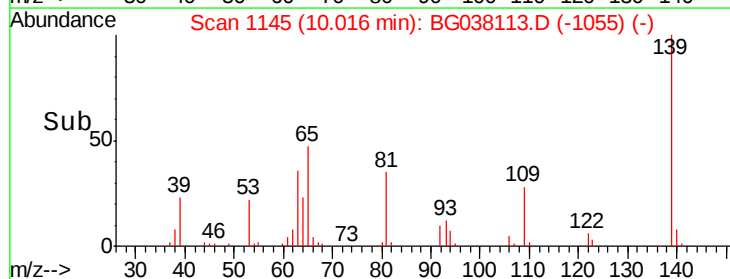
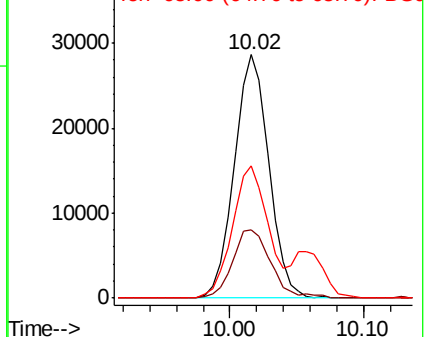
139 100

109 28.1 23.3 34.9

65 54.3 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

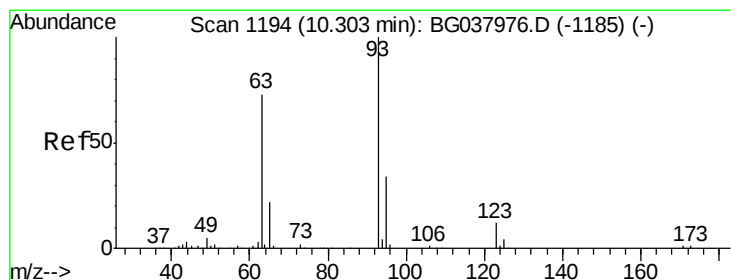
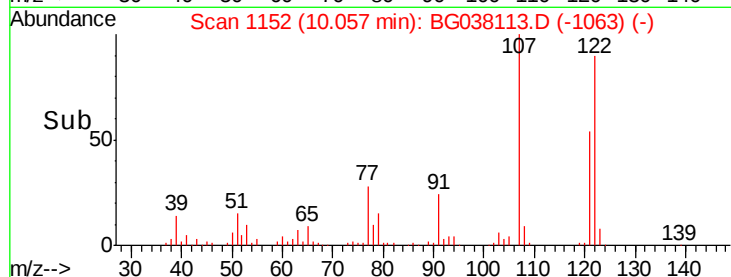
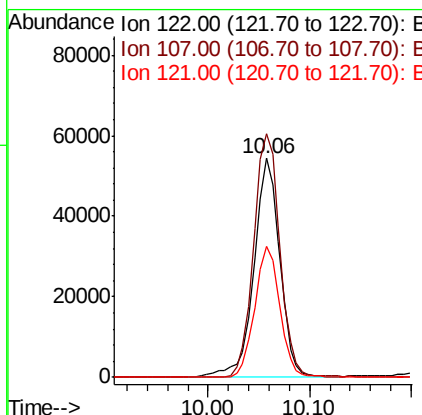
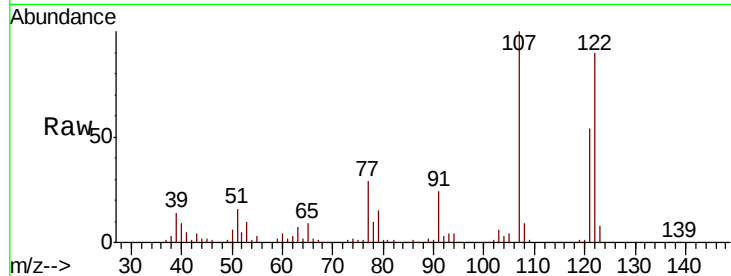




#27
 2,4-Dimethylphenol
 Concen: 39.311 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

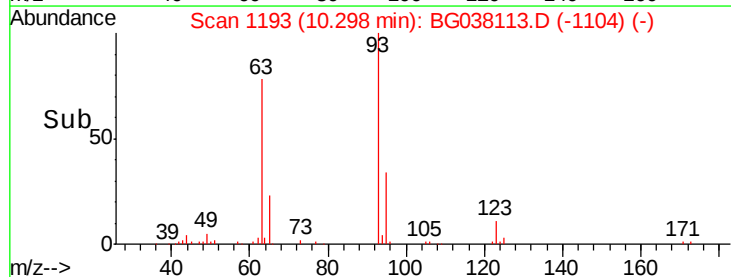
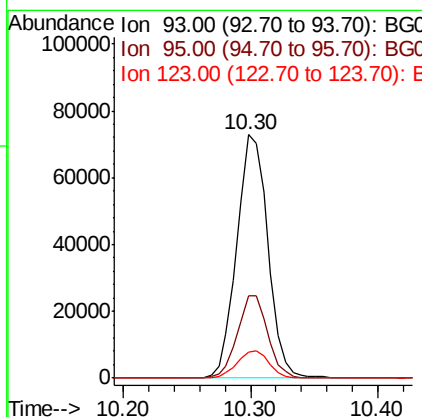
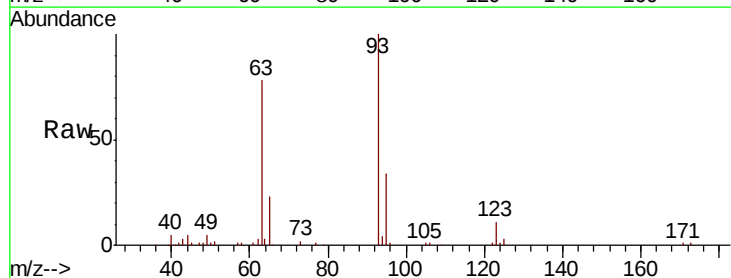
Instrument :
 BNA_G
 ClientSampleId :

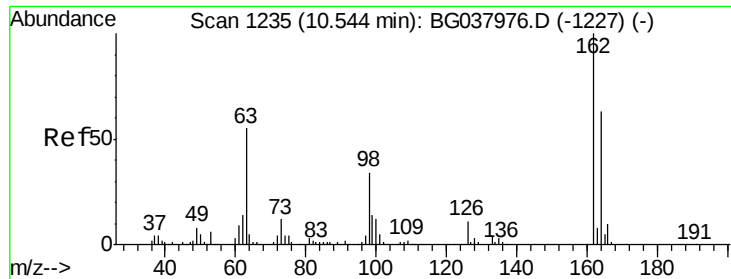
Tot Ion:122 Resp: 96561
 Ion Ratio Lower Upper
 122 100
 107 111.1 94.2 141.2
 121 59.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.786 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion: 93 Resp: 124136
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.6 37.0
 123 10.6 9.1 13.7

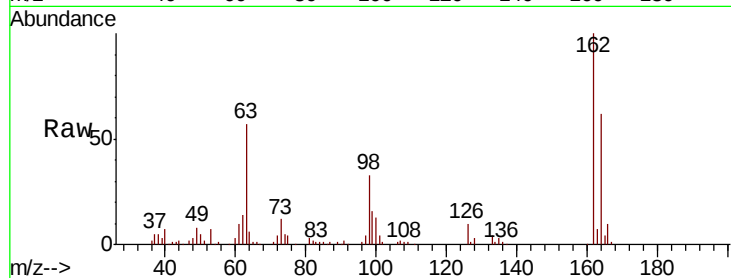




#29
 2,4-Dichlorophenol
 Concen: 35.417 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.2	83.2
98	33.3	16.0	56.0

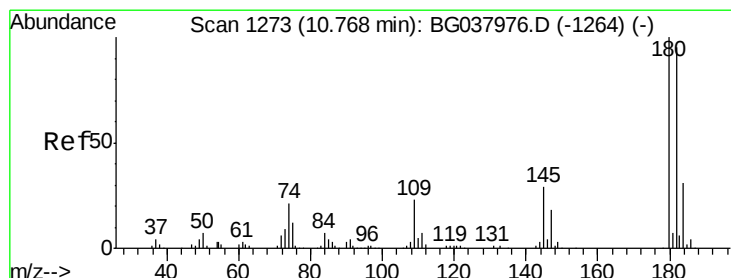
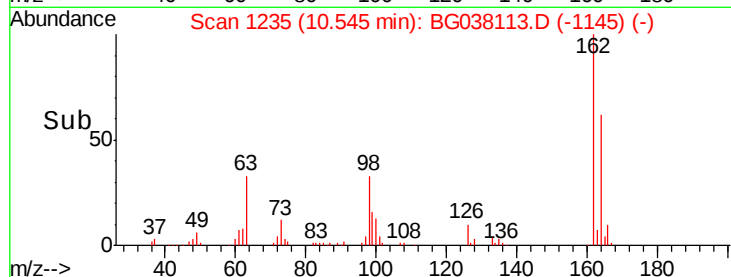
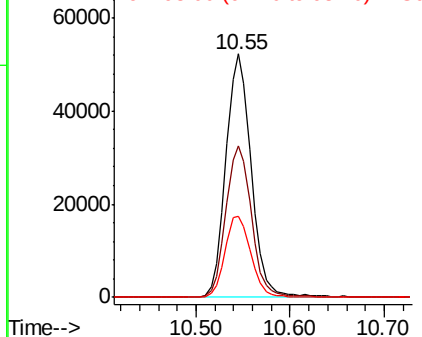


Abundance

Ion 162.00 (161.70 to 162.70): E

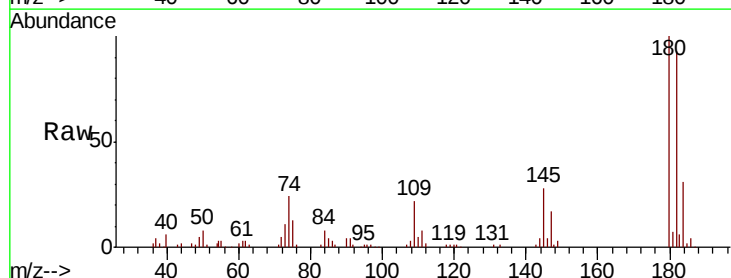
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 32.106 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.7	116.5
145	28.5	23.3	34.9

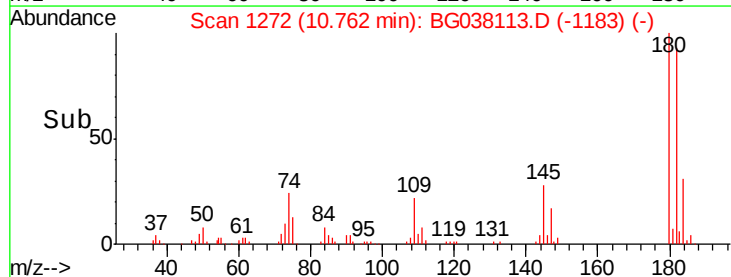
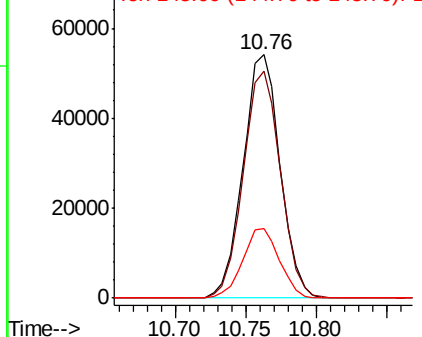


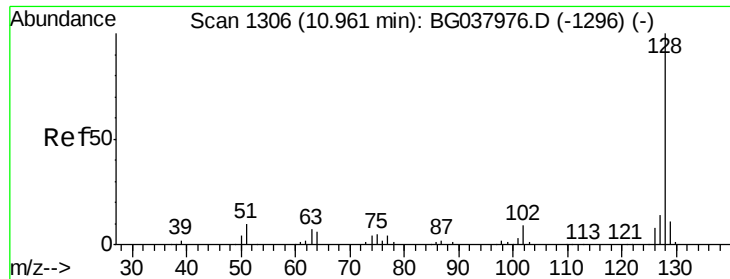
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

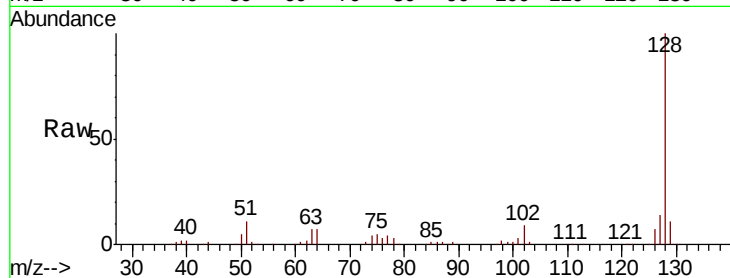




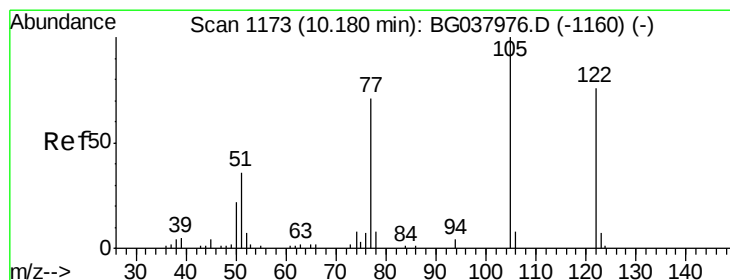
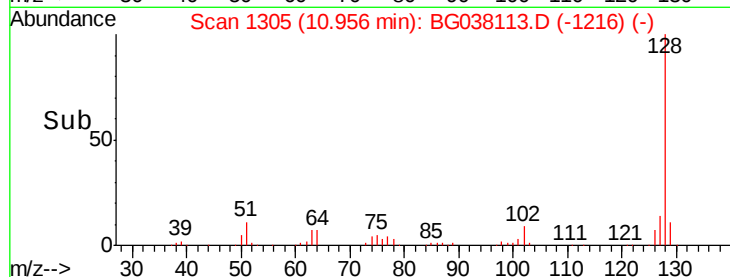
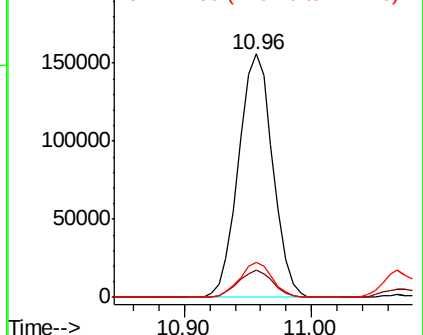
#31
Naphthalene
Concen: 34.667 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 291380
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.4 11.1 16.7

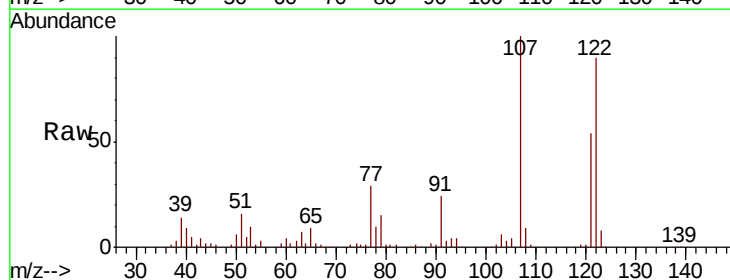


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

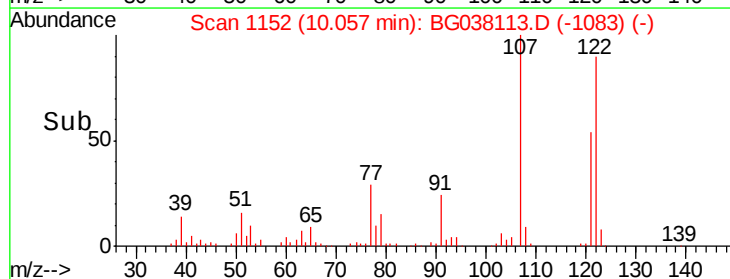
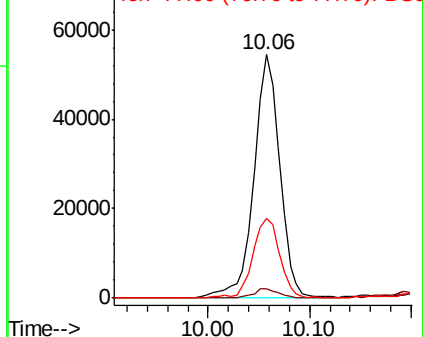


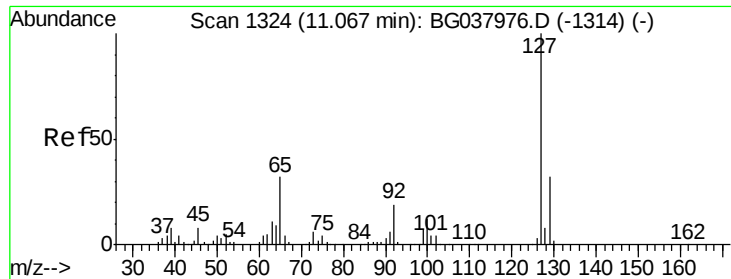
#32
Benzoic acid
Concen: 57.698 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.12 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:122 Resp: 96561
Ion Ratio Lower Upper
122 100
105 3.9 106.7 146.7#
77 32.8 72.2 112.2#



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

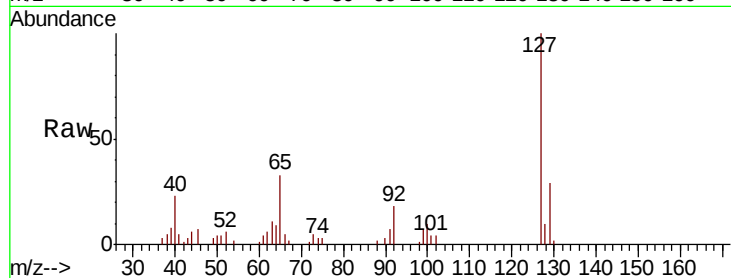




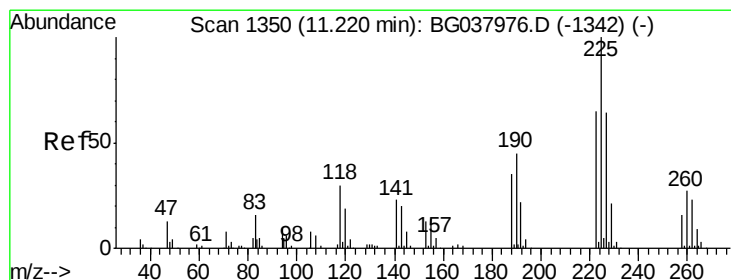
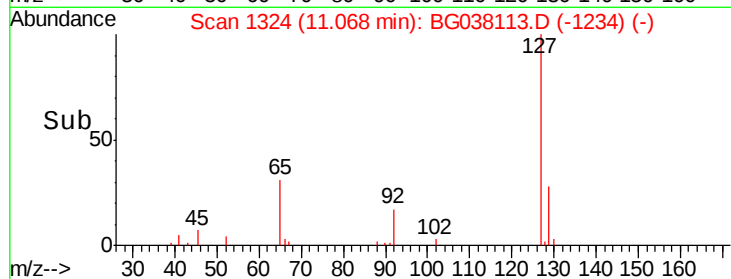
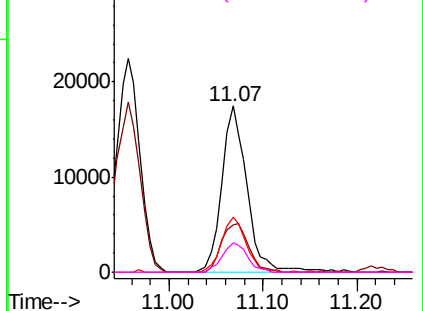
#33
4-Chloroaniline
Concen: 8.403 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 32855
Ion Ratio Lower Upper
127 100
129 28.7 27.1 40.7
65 32.9 26.6 39.8
92 17.7 16.4 24.6

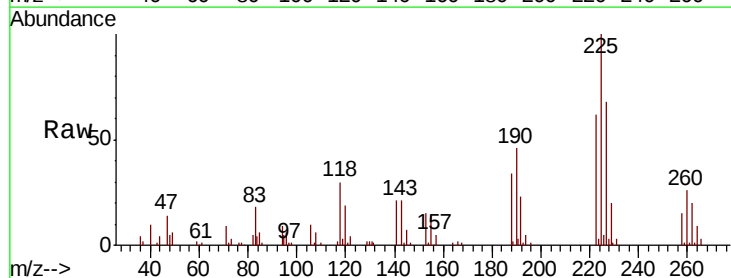


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

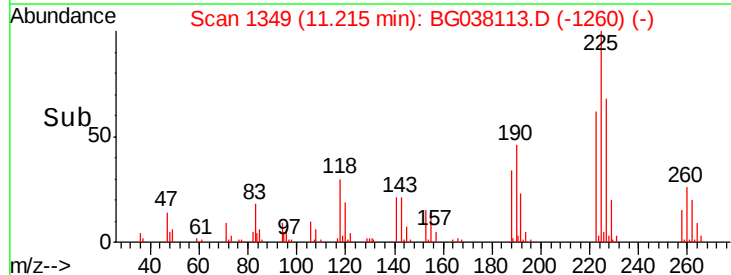
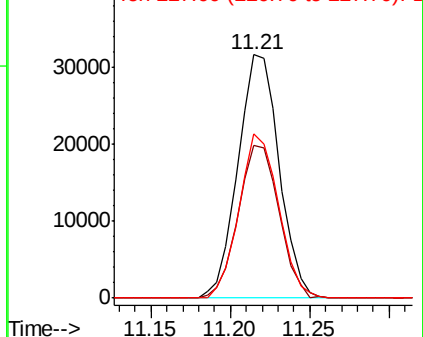


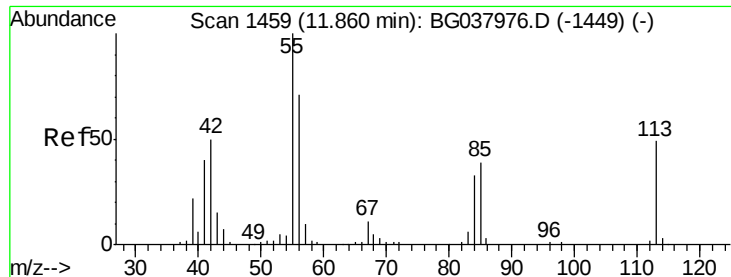
#34
Hexachlorobutadiene
Concen: 29.971 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:225 Resp: 57110
Ion Ratio Lower Upper
225 100
223 59.5 48.2 72.4
227 67.4 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: 30.423 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

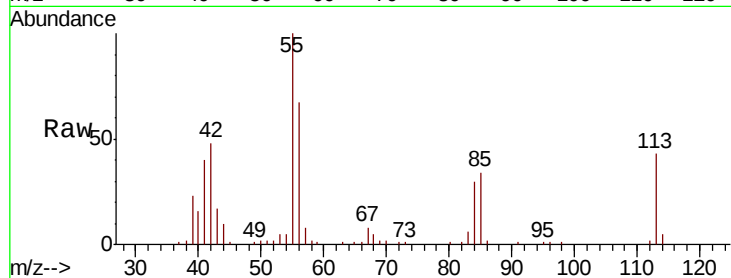
Tot Ion:113 Resp: 33645

Ion Ratio Lower Upper

113 100

55 233.2 176.6 216.6#

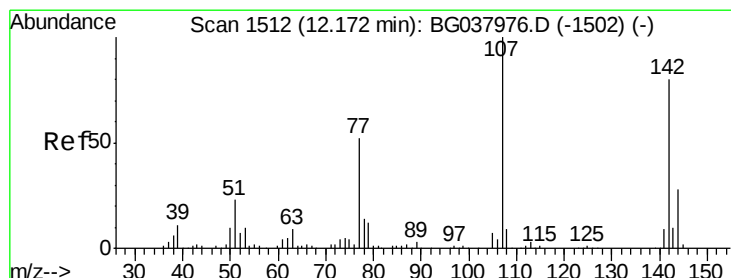
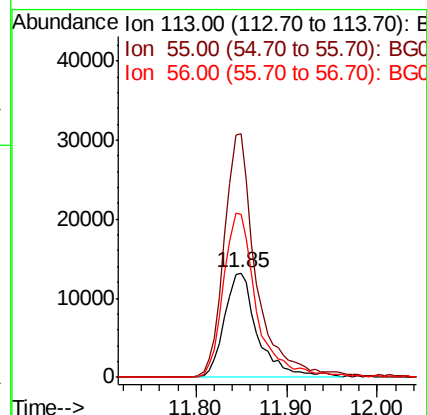
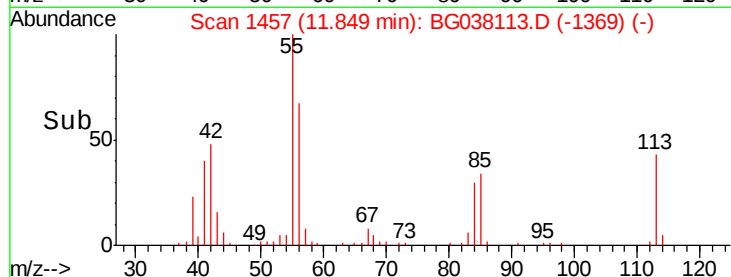
56 155.8 128.3 168.3



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: 34.678 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

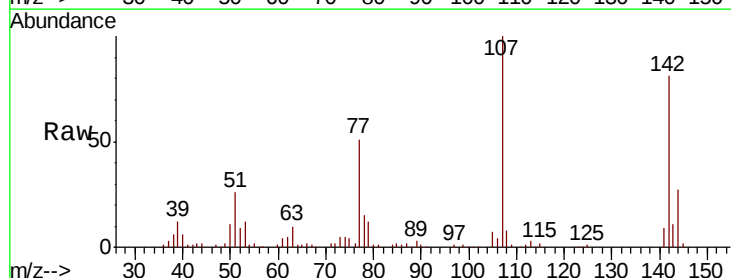
Tgt Ion:107 Resp: 104675

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

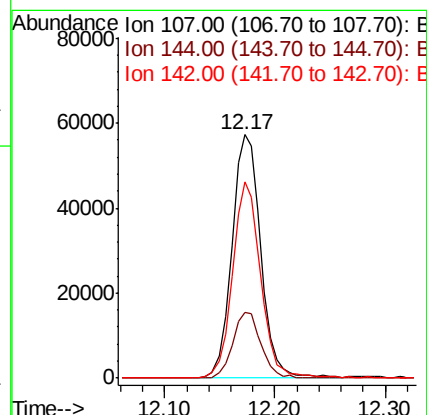
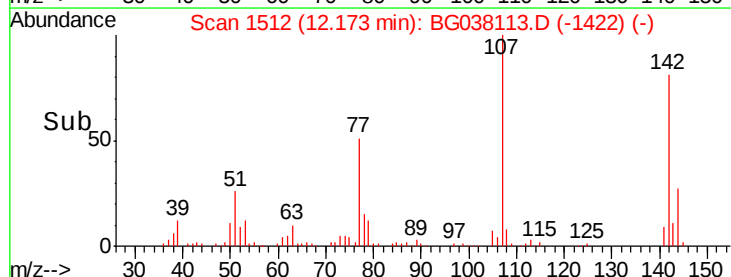
142 80.7 64.4 96.6

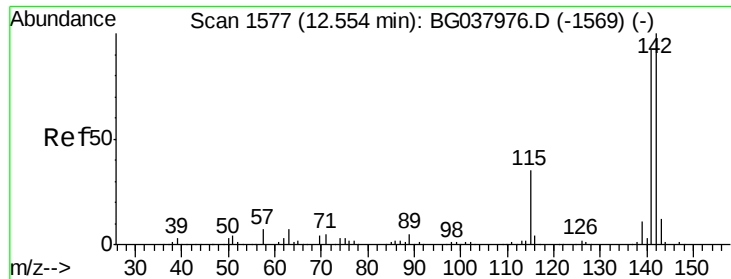


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

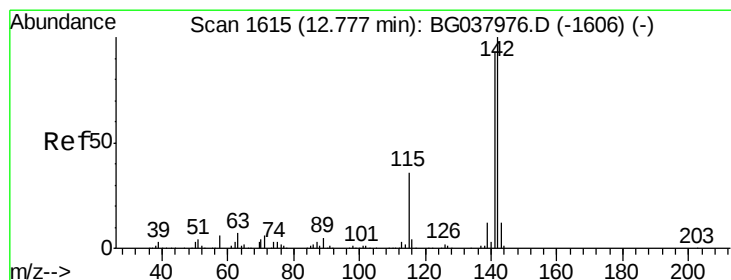
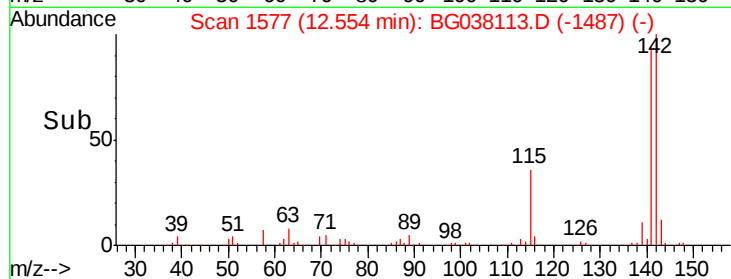
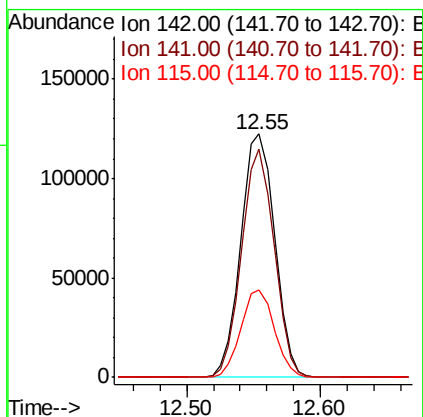
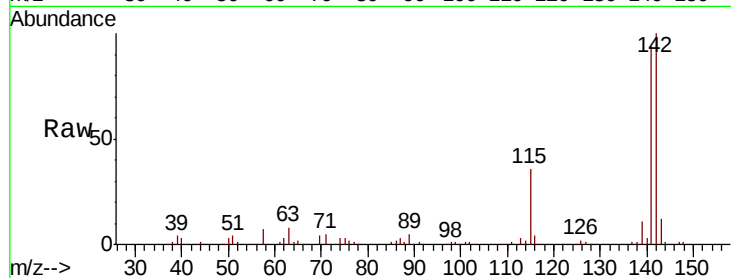




#37
2-Methylnaphthalene
Concen: 35.735 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

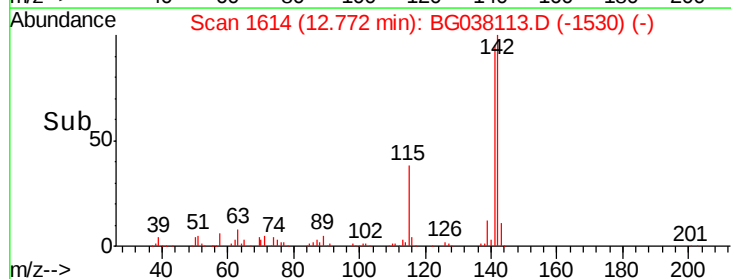
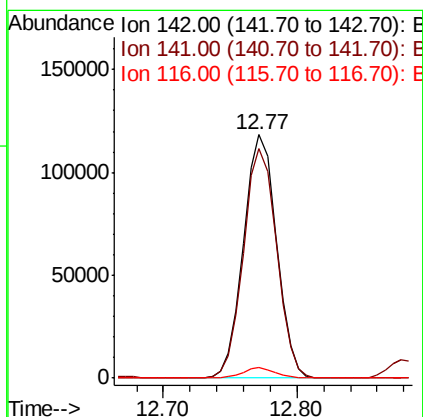
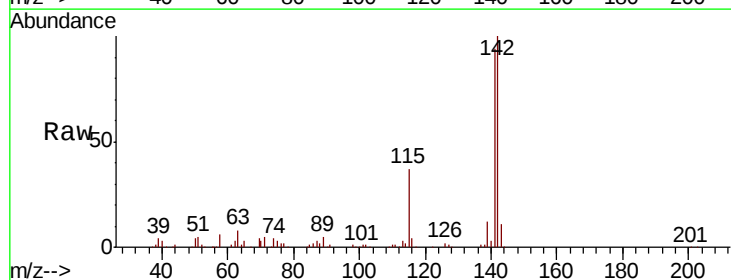
Instrument :
BNA_G
ClientSampleId :

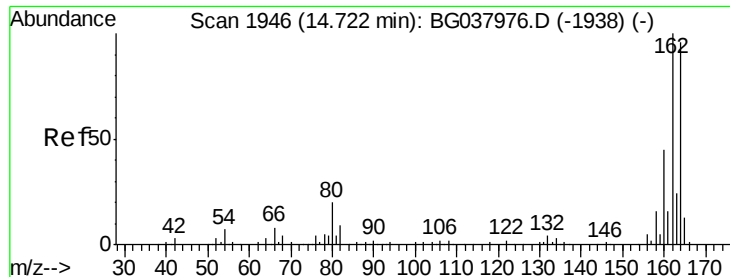
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.9	107.9
115	35.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 34.772 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

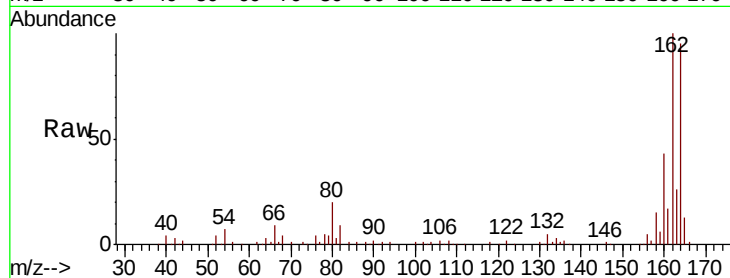
Tot Ion:164 Resp: 106351

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

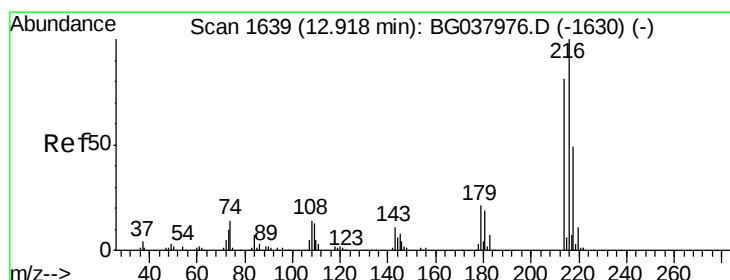
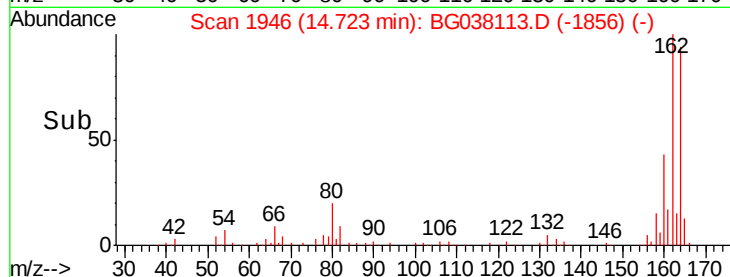
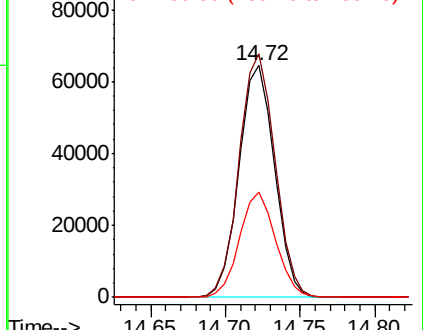
160 45.4 36.3 54.5



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: 30.544 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:216 Resp: 108545

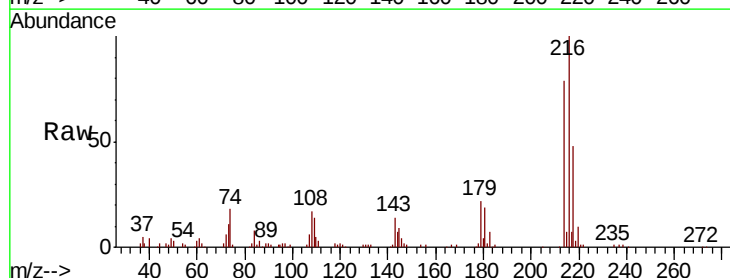
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.3 17.4 26.0

108 19.9 13.9 20.9

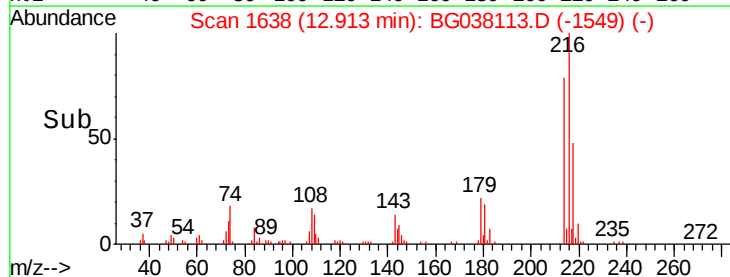
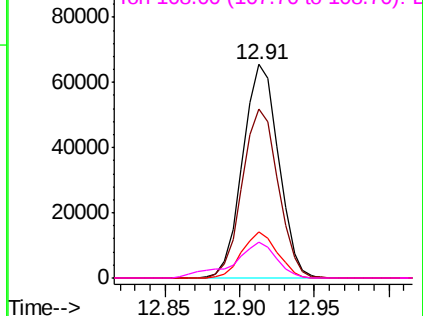


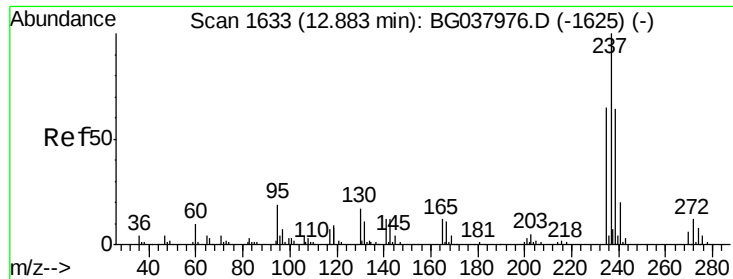
Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.498 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

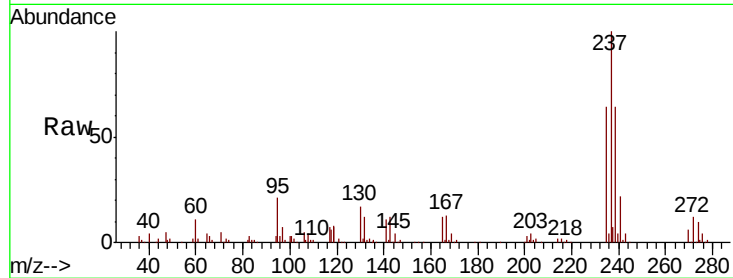
Tot Ion:237 Resp: 124640

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

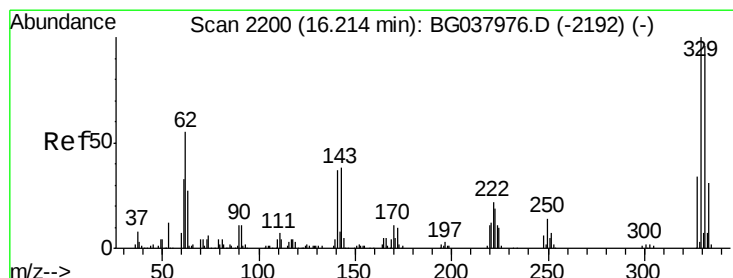
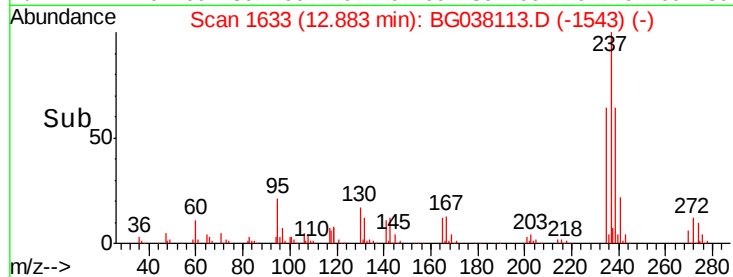
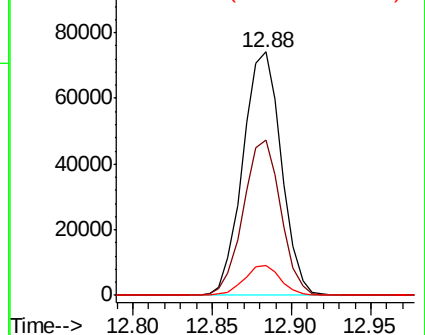
272 12.3 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.277 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

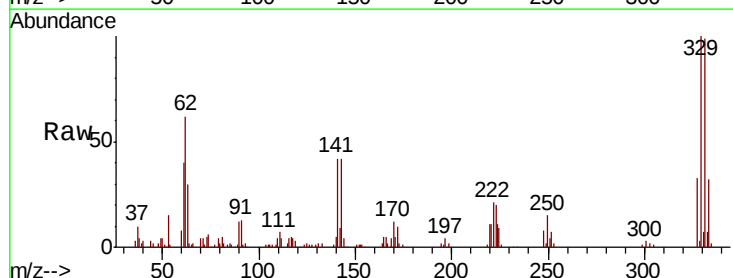
Tgt Ion:330 Resp: 103433

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

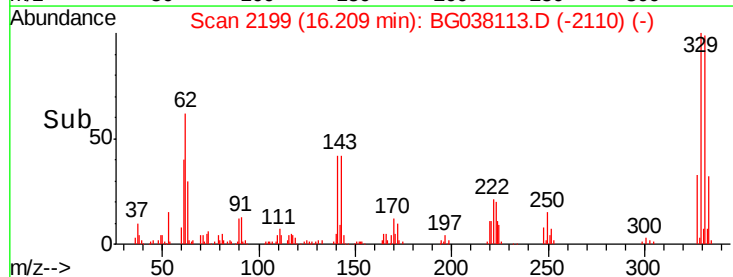
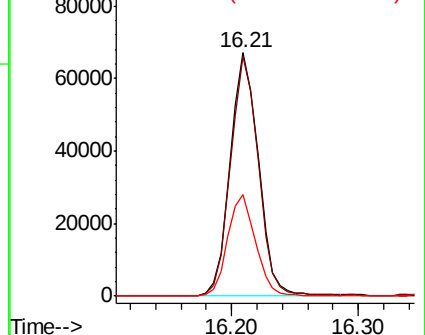
141 41.3 32.2 48.2

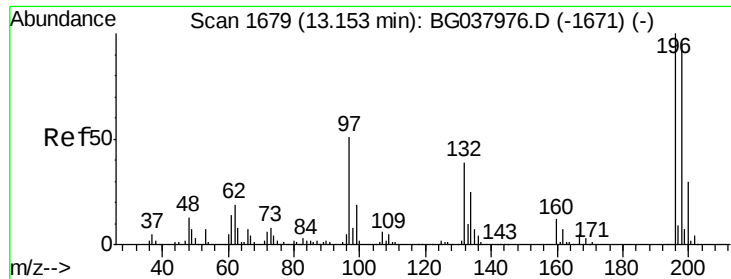


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

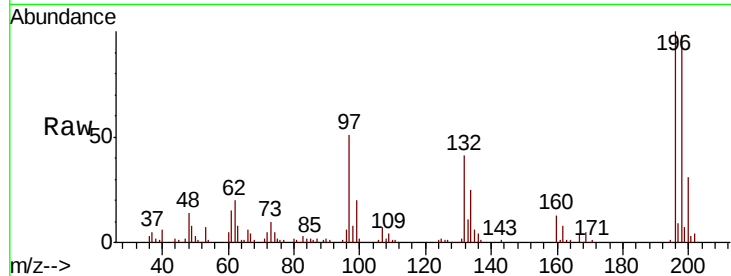




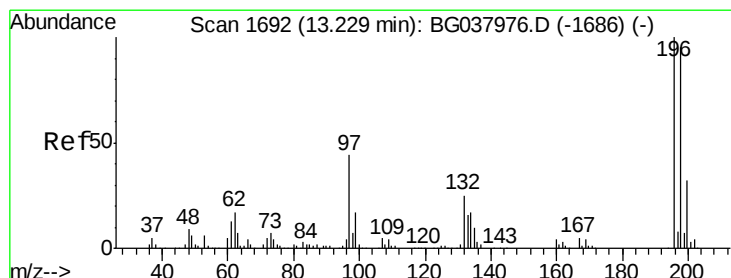
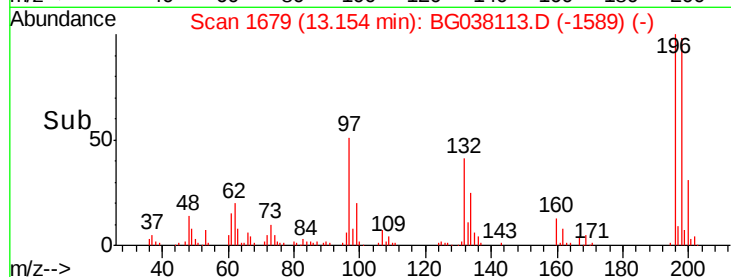
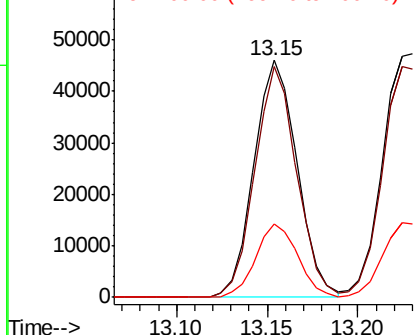
#43
 2,4,6-Trichlorophenol
 Concen: 31.746 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 76879
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.4 114.6
 200 30.9 24.9 37.3

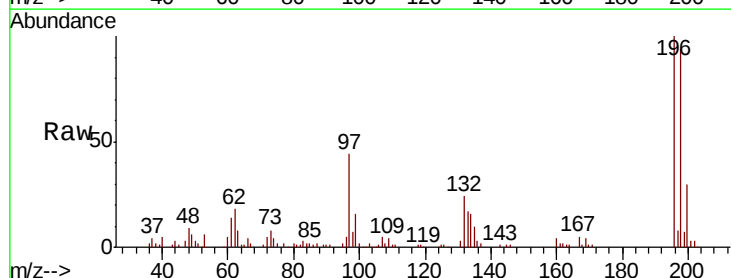


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

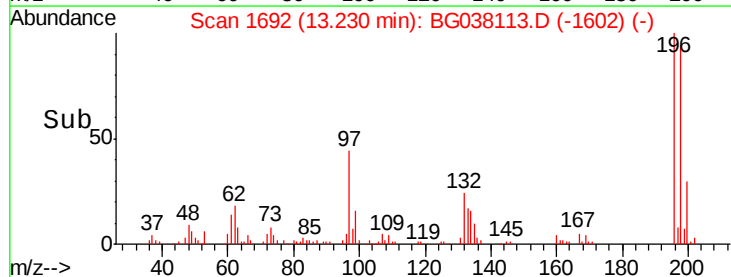
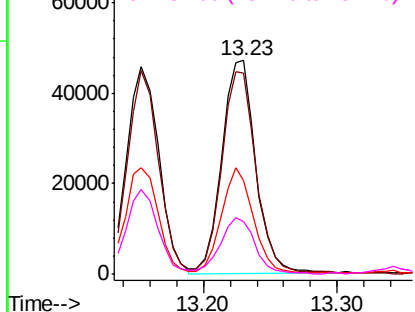


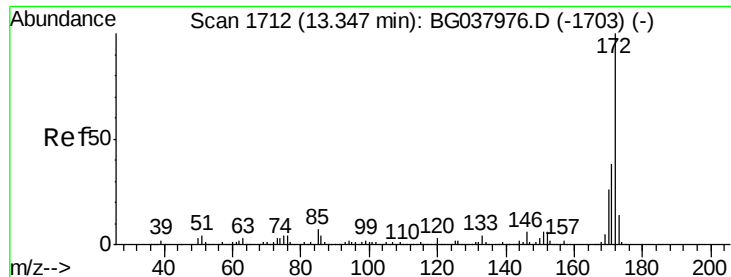
#44
 2,4,5-Trichlorophenol
 Concen: 32.689 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:196 Resp: 83294
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.2
 97 44.0 34.1 51.1
 132 24.4 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

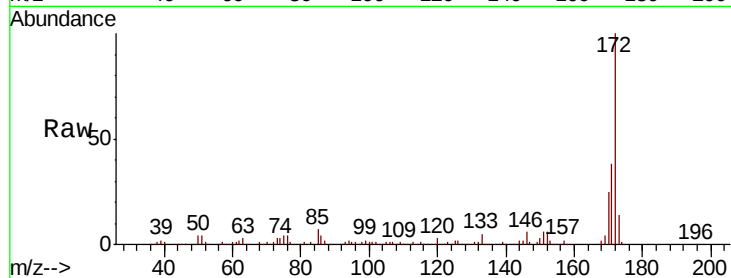




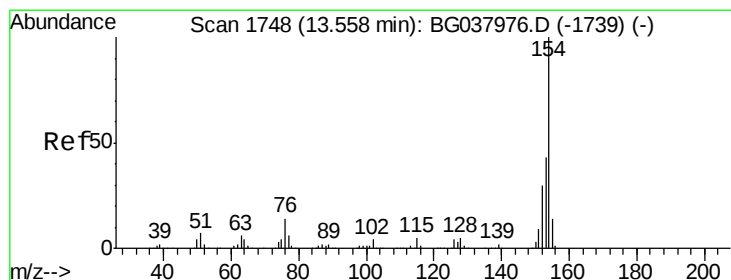
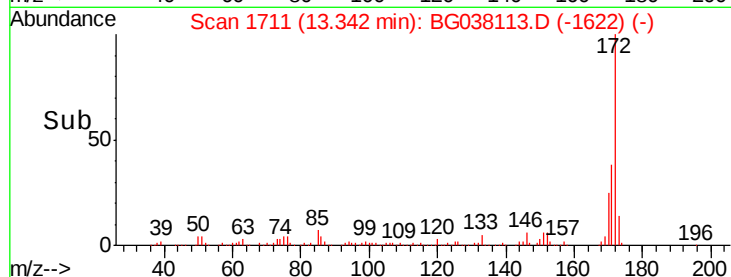
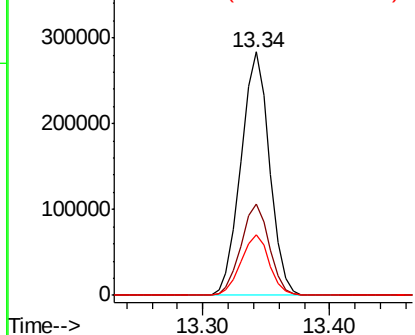
#45
2-Fluorobiphenyl
Concen: 60.608 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.8	20.2	30.2

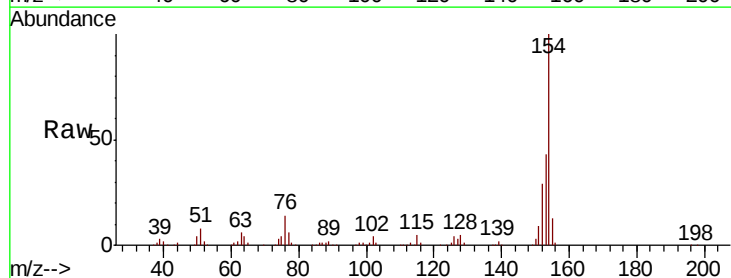


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

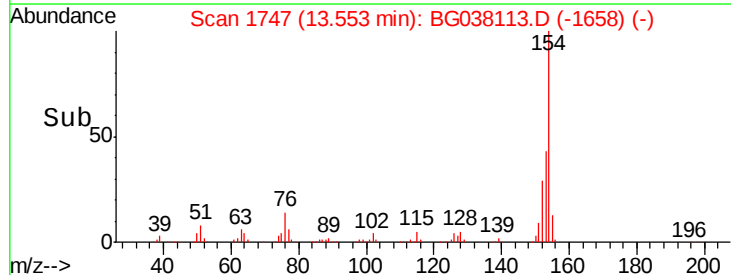
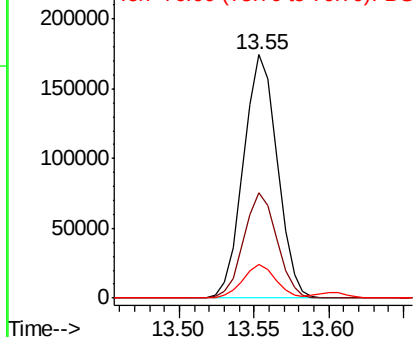


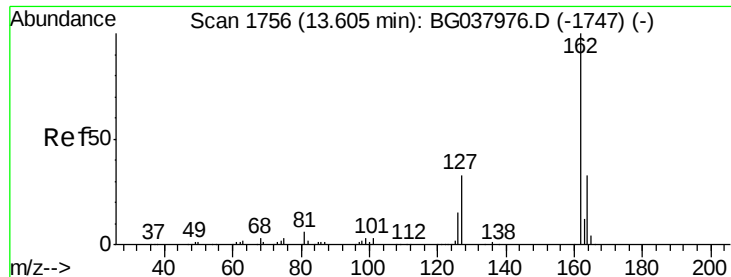
#46
1,1'-Biphenyl
Concen: 30.637 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.6	0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 32.294 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

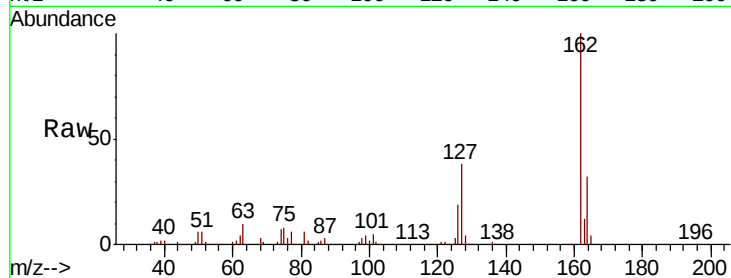
Tot Ion:162 Resp: 220178

Ion Ratio Lower Upper

162 100

127 37.8 30.5 45.7

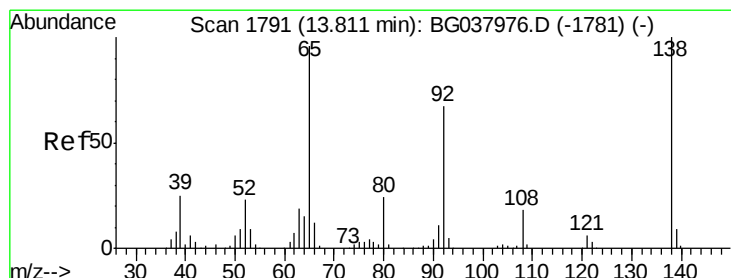
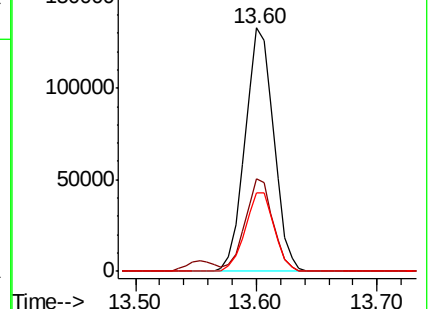
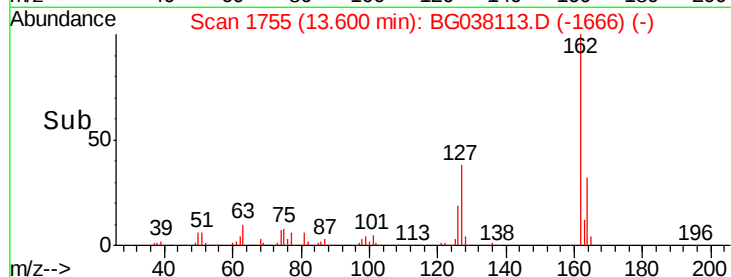
164 32.2 26.4 39.6



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: 35.237 ng

RT: 13.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

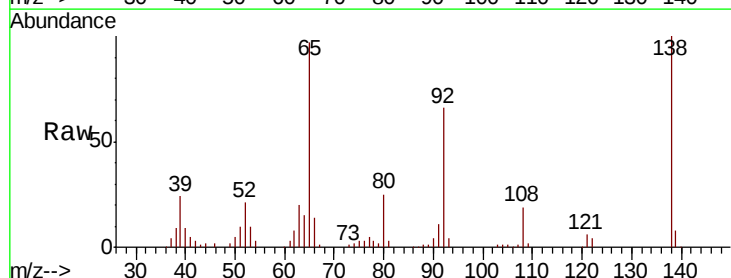
Tgt Ion: 65 Resp: 75611

Ion Ratio Lower Upper

65 100

92 67.8 53.2 79.8

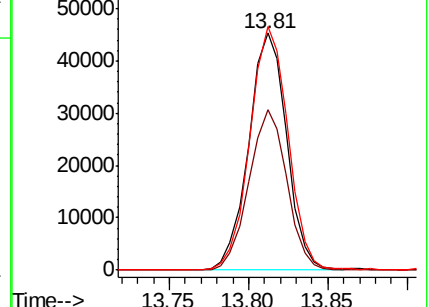
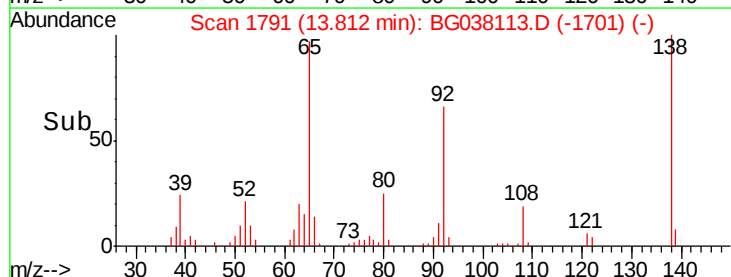
138 102.8 79.3 118.9



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: 35.540 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

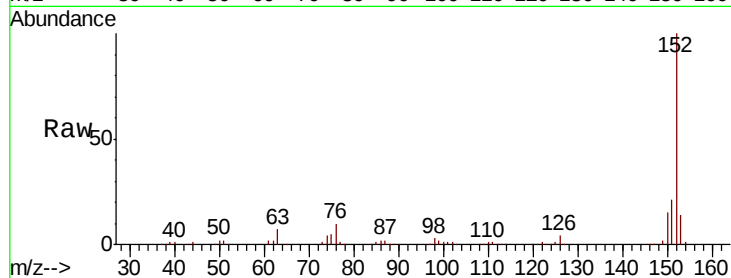
Tot Ion:152 Resp: 364384

Ion Ratio Lower Upper

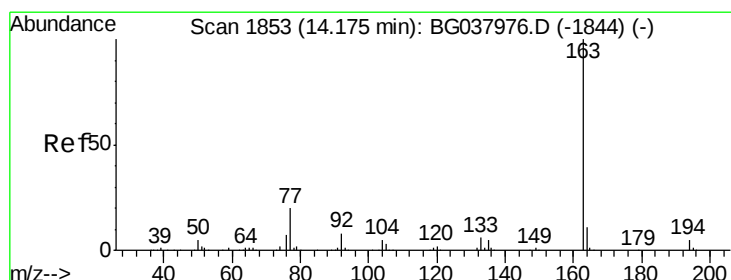
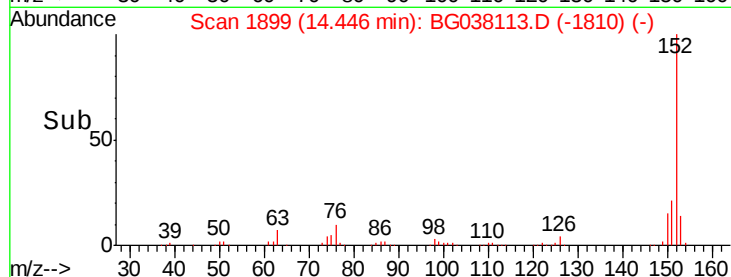
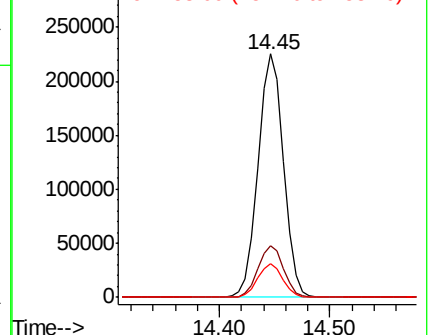
152 100

151 21.1 17.1 25.7

153 14.1 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: 33.597 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

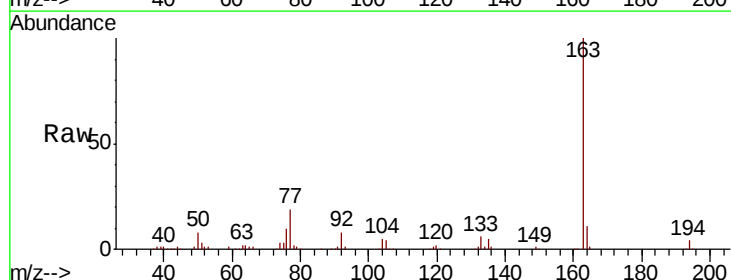
Tgt Ion:163 Resp: 283265

Ion Ratio Lower Upper

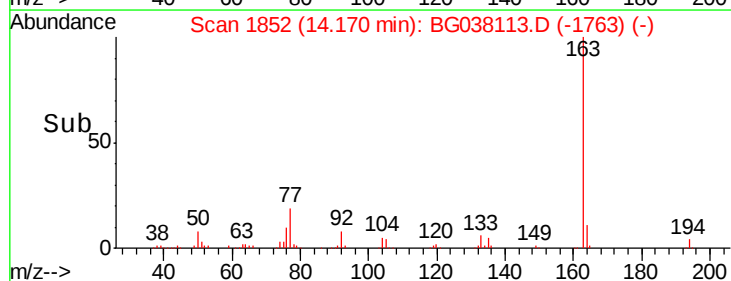
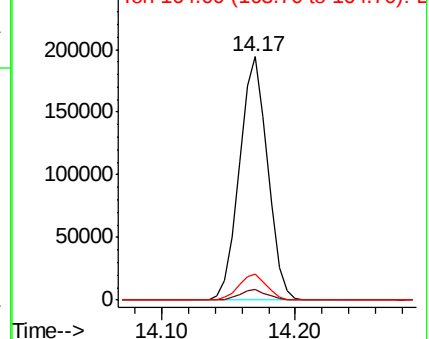
163 100

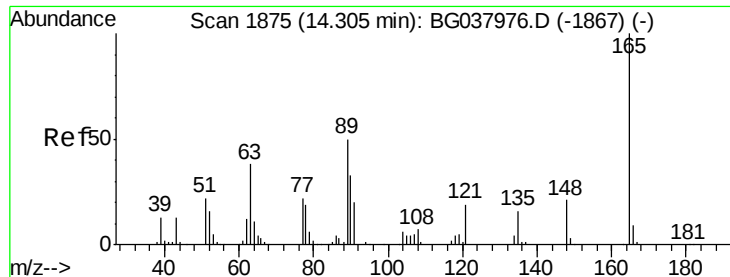
194 4.4 3.5 5.3

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

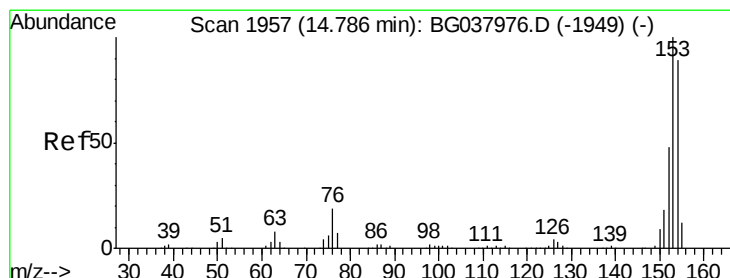
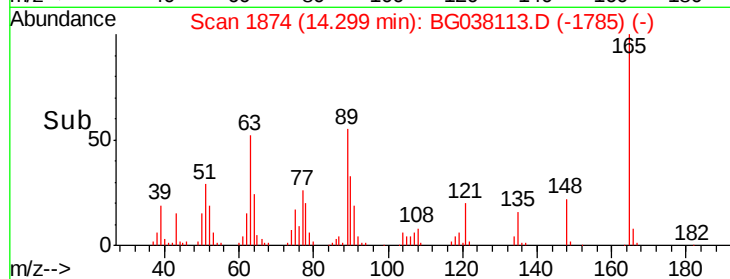
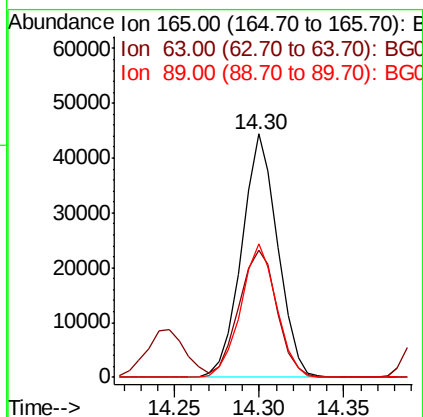
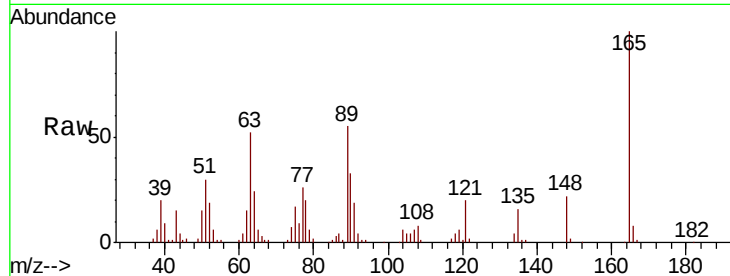




#51
2,6-Dinitrotoluene
Concen: 34.372 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

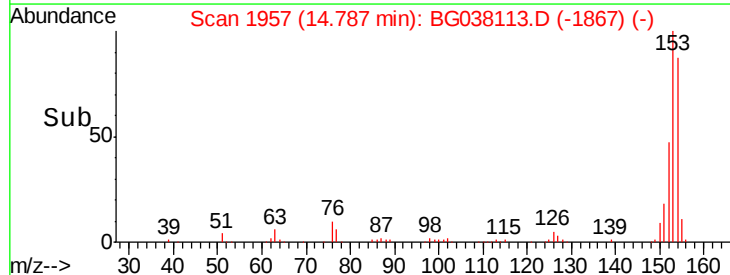
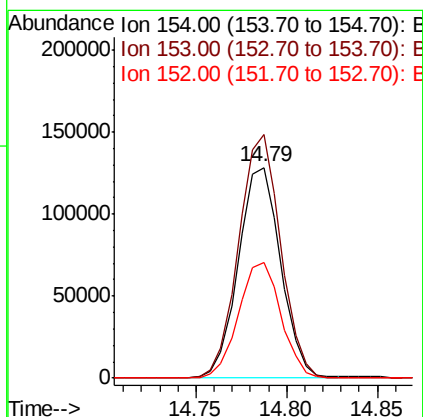
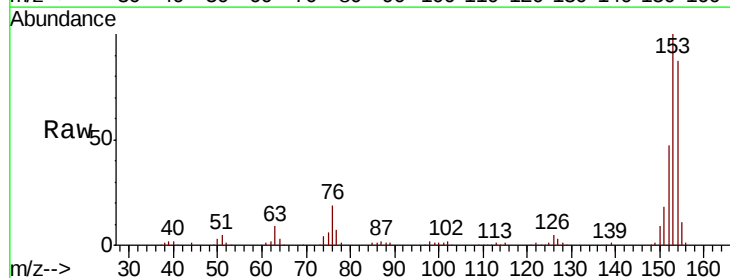
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	43.4	65.2
89	54.8	45.8	68.6



#52
Acenaphthene
Concen: 33.831 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.4	140.0
152	54.8	44.7	67.1





#53

3-Nitroaniline

Concen: 15.946 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

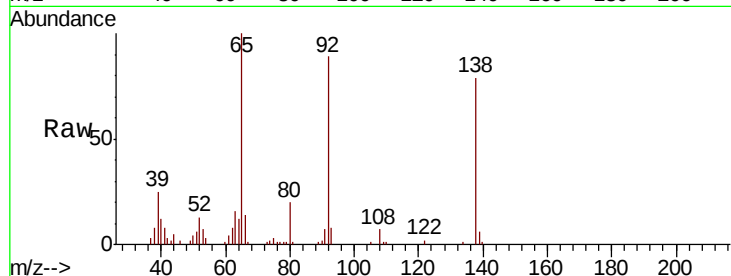
Tot Ion:138 Resp: 33577

Ion Ratio Lower Upper

138 100

108 9.2 11.0 16.6#

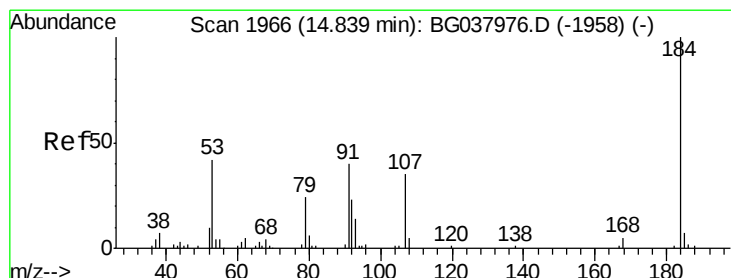
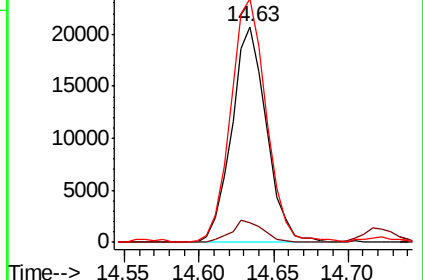
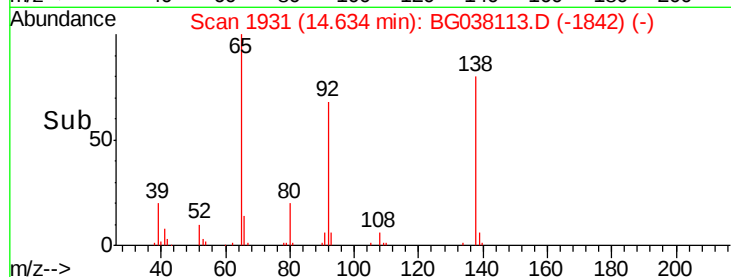
92 112.7 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



#54

2,4-Dinitrophenol

Concen: 12.456 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

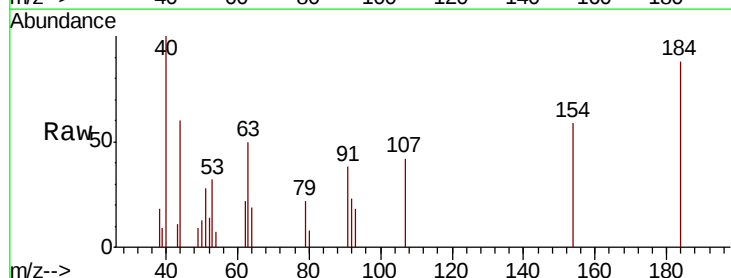
Tgt Ion:184 Resp: 3696

Ion Ratio Lower Upper

184 100

63 57.4 42.6 63.8

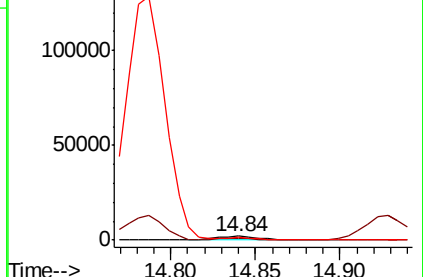
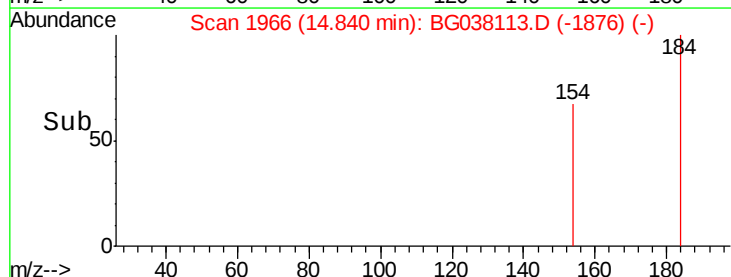
154 66.8 41.8 62.6#

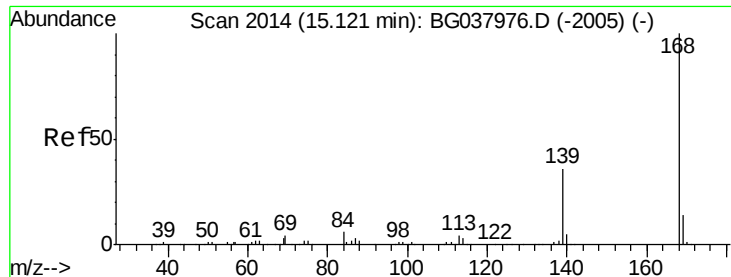


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

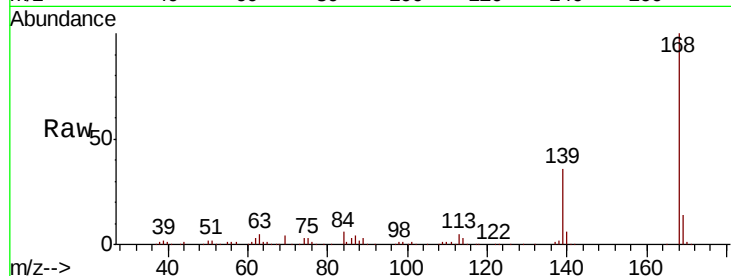




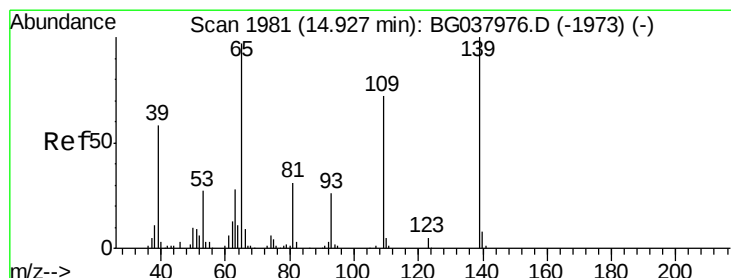
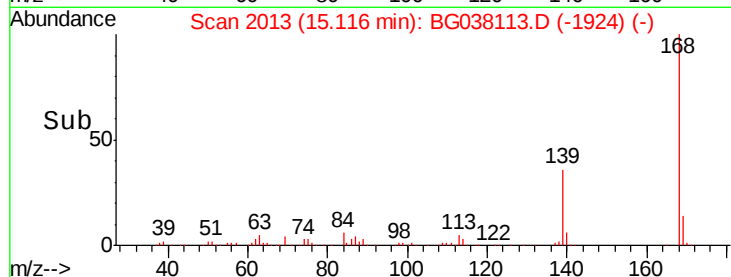
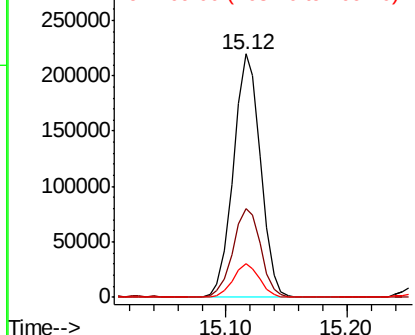
#55
Dibenzofuran
Concen: 33.578 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 342702
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0
169 13.8 11.0 16.6

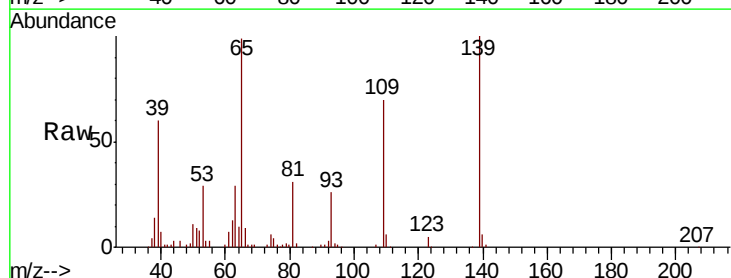


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

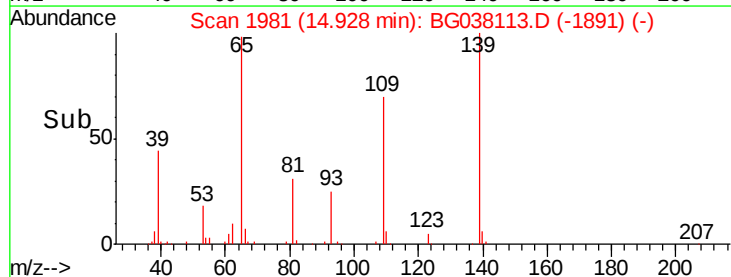
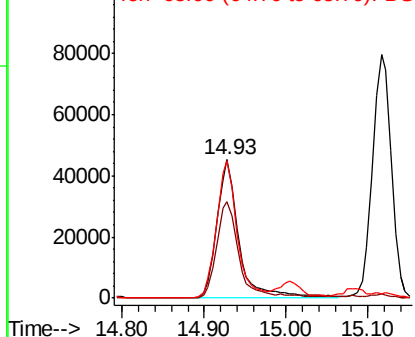


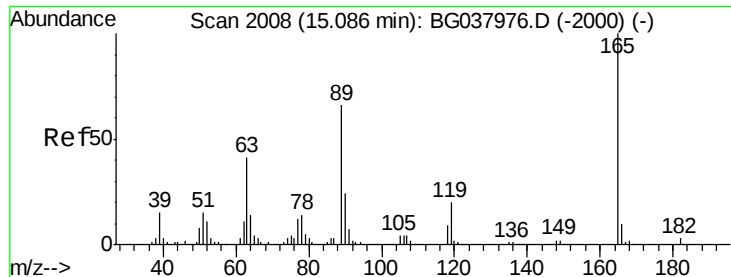
#56
4-Nitrophenol
Concen: 52.605 ng
RT: 14.93 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:139 Resp: 85430
Ion Ratio Lower Upper
139 100
109 70.3 49.5 89.5
65 99.4 76.8 116.8



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

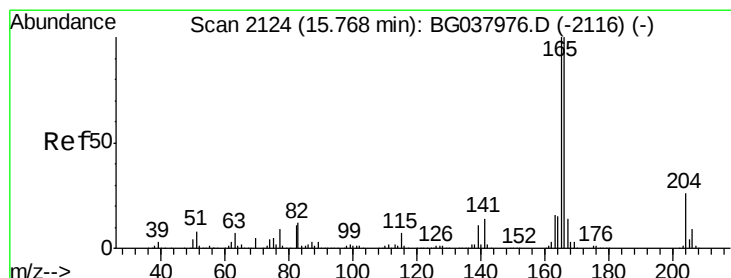
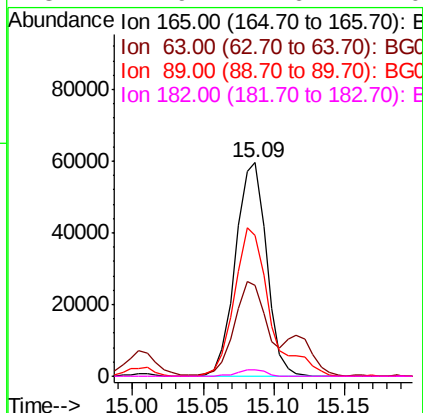
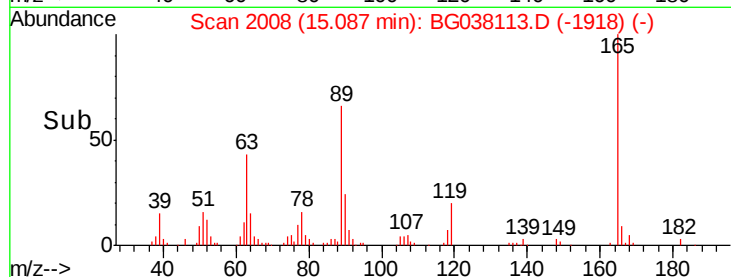
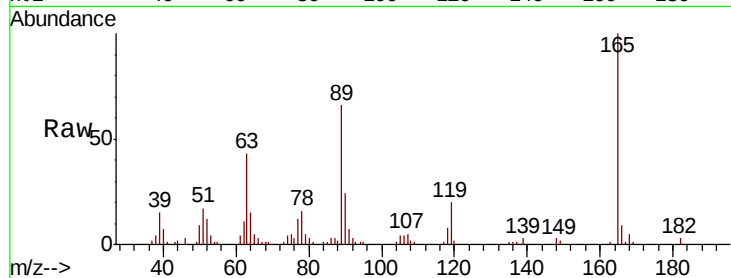




#57
2,4-Dinitrotoluene
Concen: 35.211 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

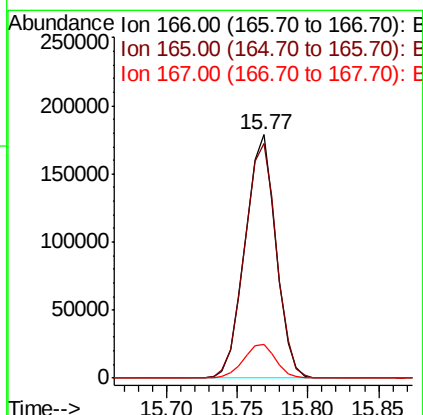
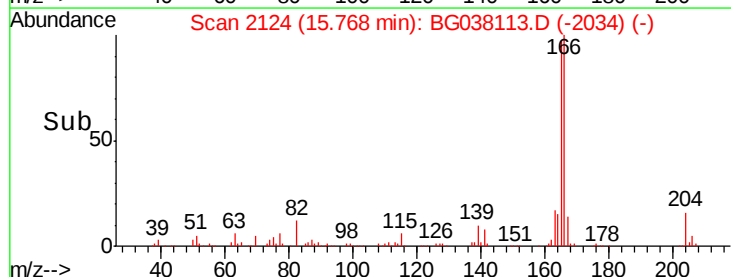
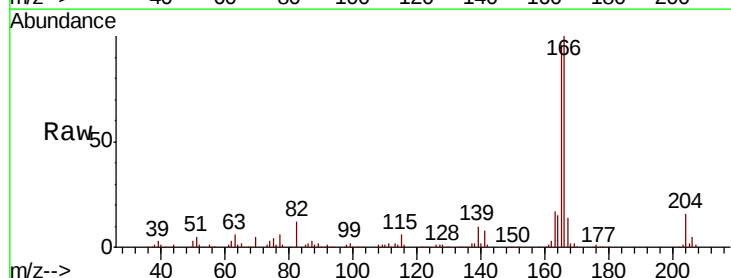
Instrument :
BNA_G
ClientSampleId :

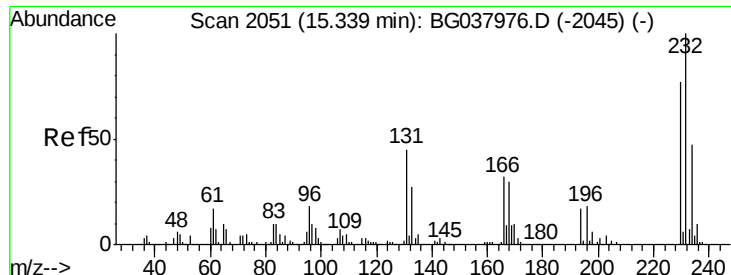
Tot Ion:165 Resp: 91419
Ion Ratio Lower Upper
165 100
63 42.7 33.4 50.0
89 66.1 57.2 85.8
182 2.9 2.6 4.0



#58
Fluorene
Concen: 35.976 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:166 Resp: 273956
Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 14.0 11.3 16.9

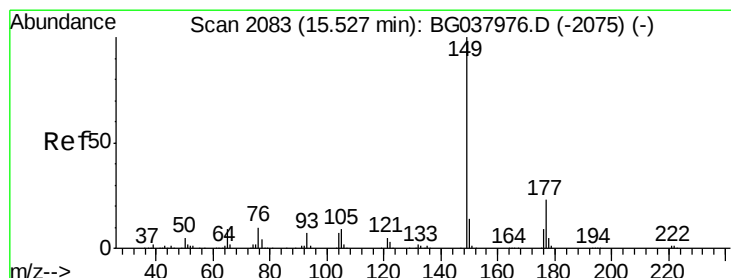
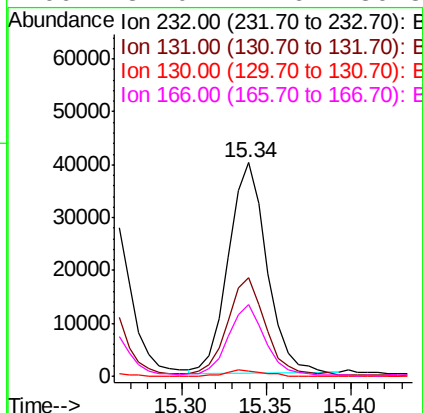
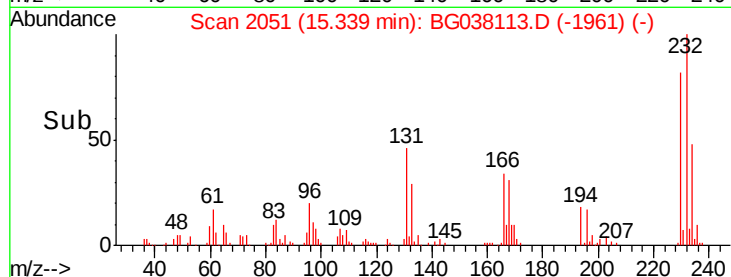
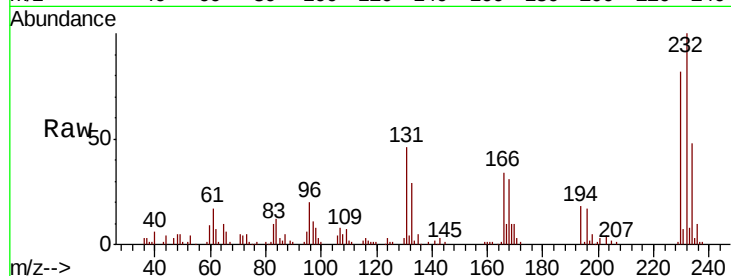




#59
2,3,4,6-Tetrachlorophenol
Concen: 29.458 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

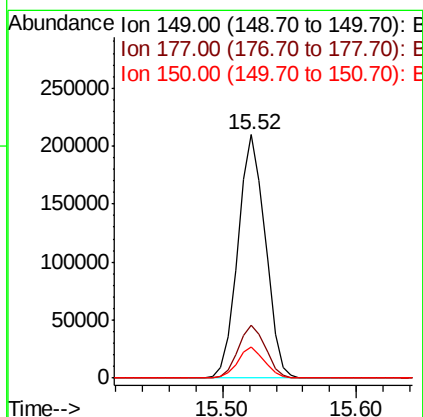
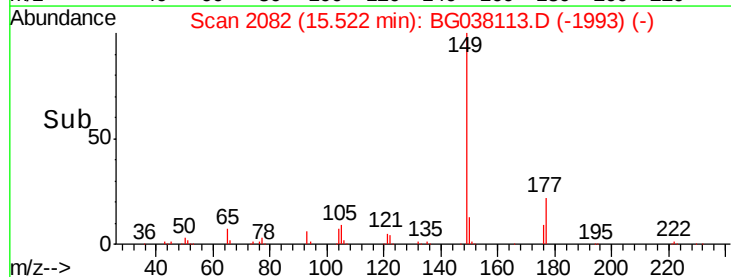
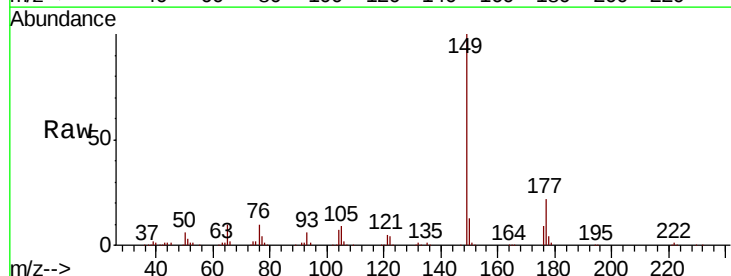
Instrument :
BNA_G
ClientSampleId :

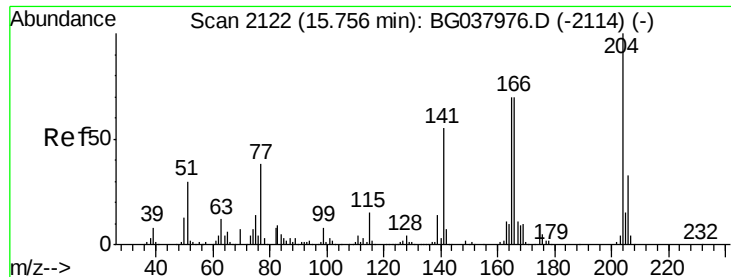
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	33.7	50.5
130	2.8	2.1	3.1
166	34.0	24.6	36.8



#60
Diethylphthalate
Concen: 33.207 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.5	10.0	15.0

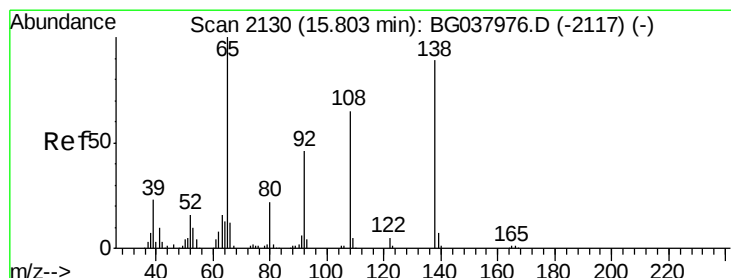
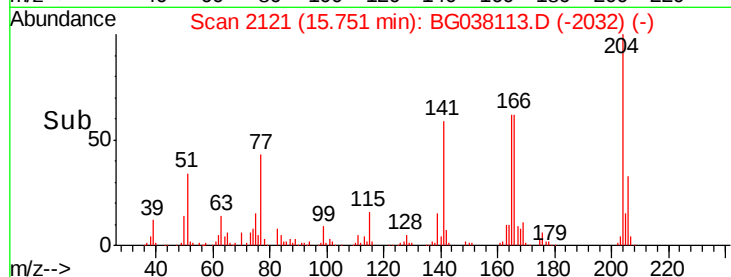
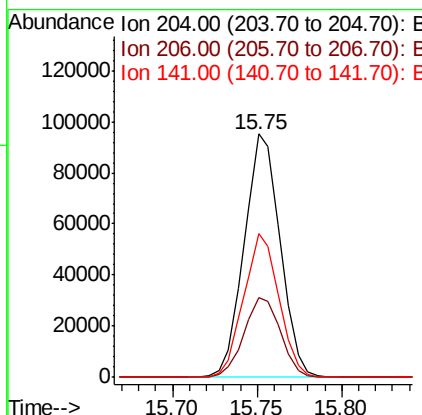
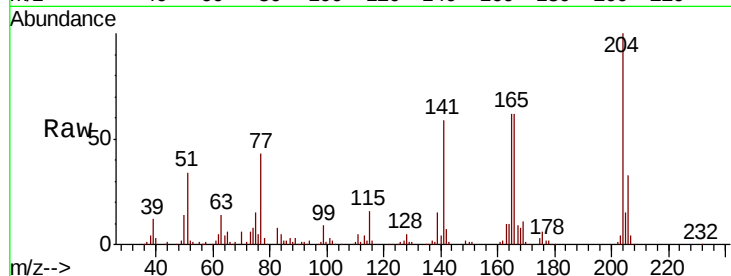




#61
 4-Chlorophenyl-phenylether
 Concen: 31.591 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

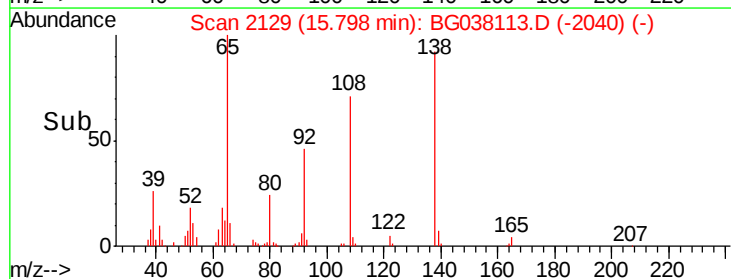
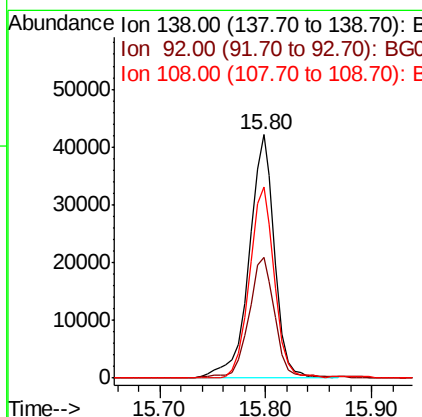
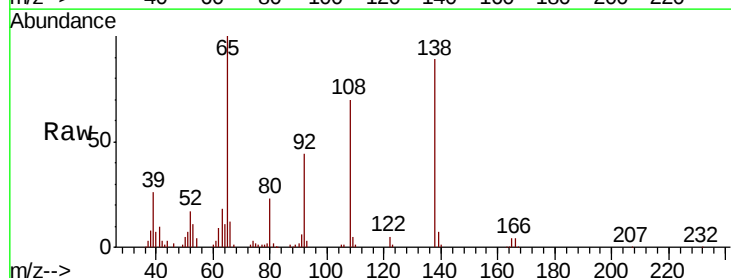
Instrument :
 BNA_G
 ClientSampleId :

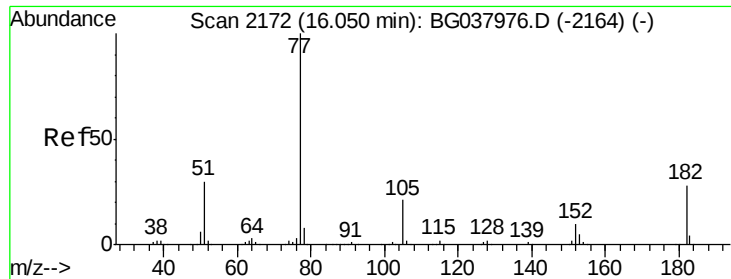
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	59.3	45.4	68.2



#62
 4-Nitroaniline
 Concen: 33.962 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	36.4	76.4
108	78.3	60.1	100.1

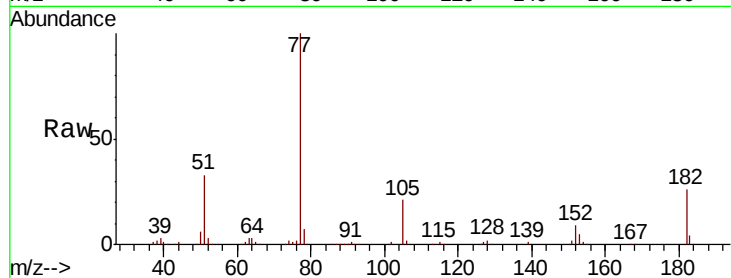




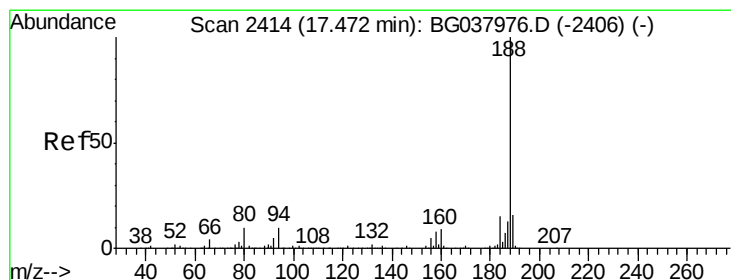
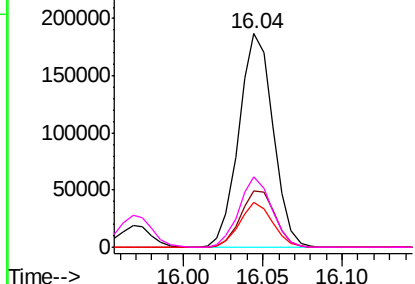
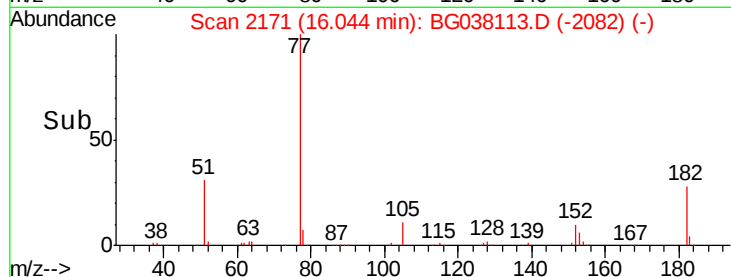
#63
Azobenzene
Concen: 34.868 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 279189
Ion Ratio Lower Upper
77 100
182 26.4 8.0 48.0
105 20.8 1.3 41.3
51 32.8 10.7 50.7

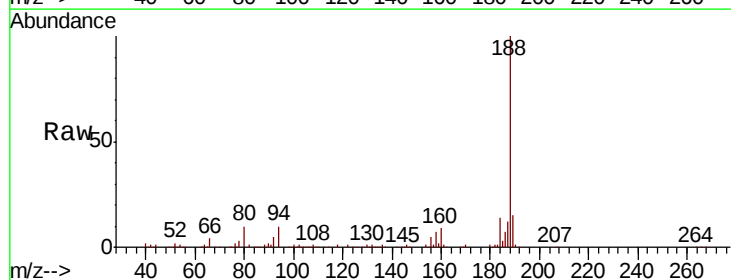


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

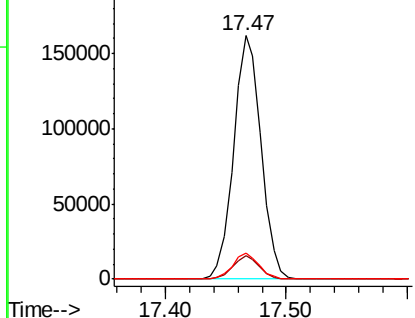
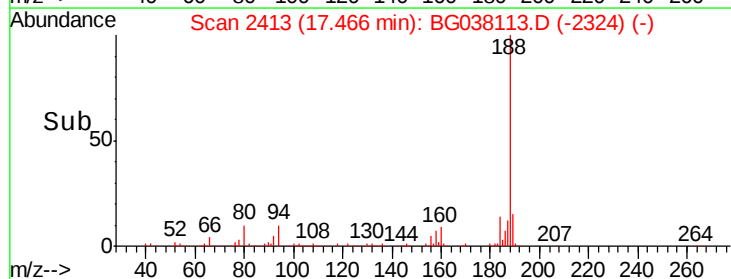


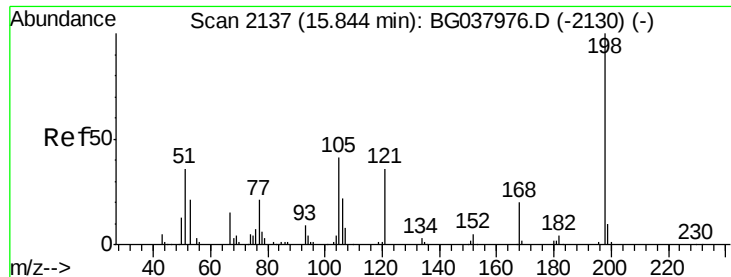
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion: 188 Resp: 254587
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.4 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

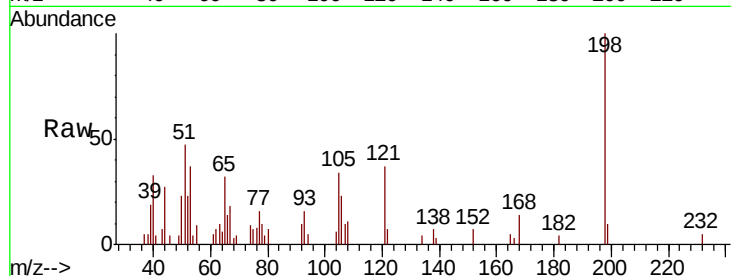




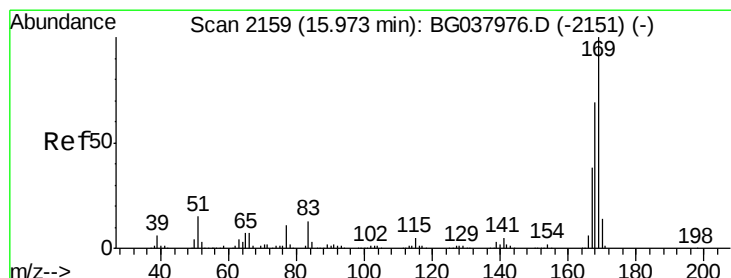
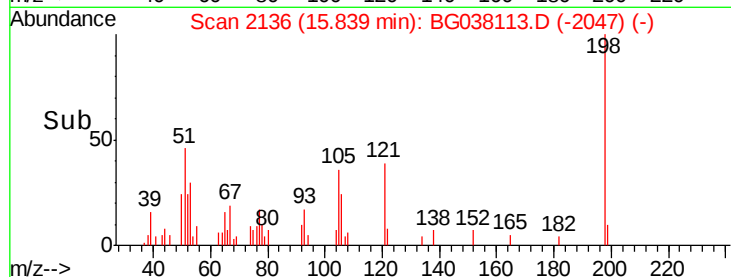
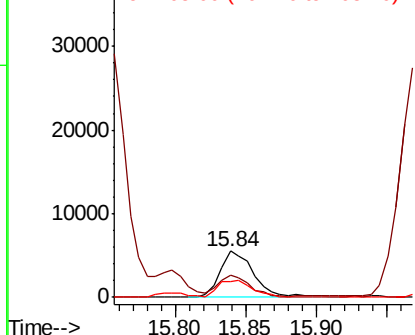
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.690 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 9163
 Ion Ratio Lower Upper
 198 100
 51 47.1 22.7 62.7
 105 34.4 19.7 59.7

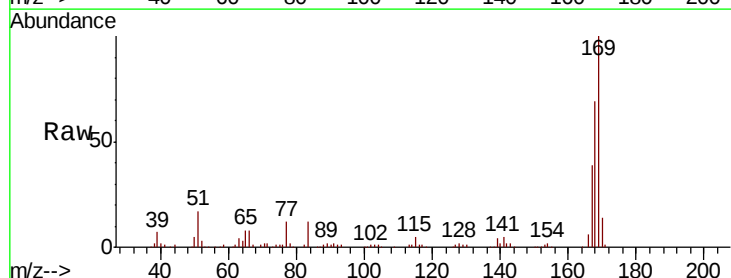


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

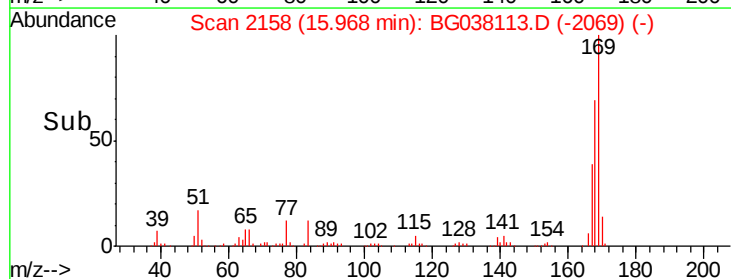
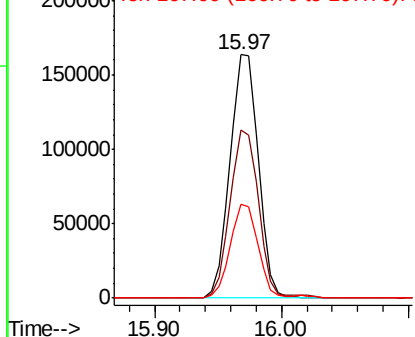


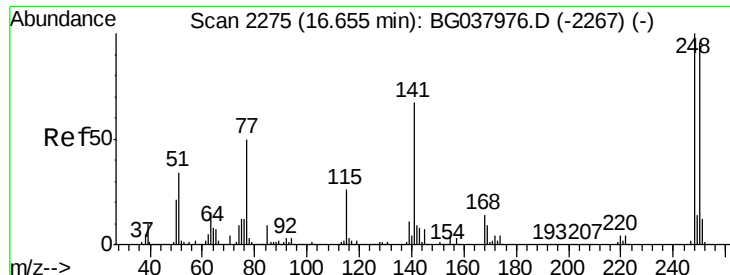
#66
 n-Nitrosodiphenylamine
 Concen: 32.698 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:169 Resp: 251837
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.7 83.5
 167 38.6 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

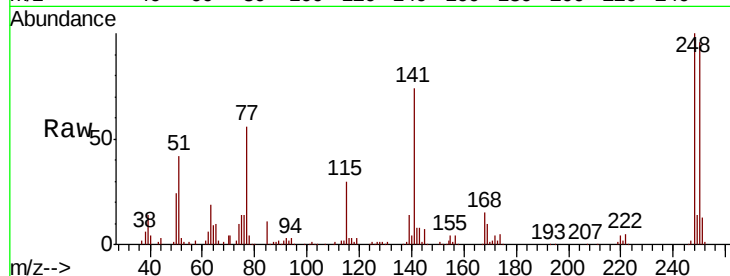




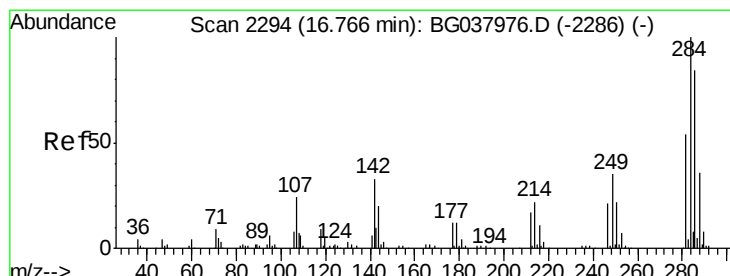
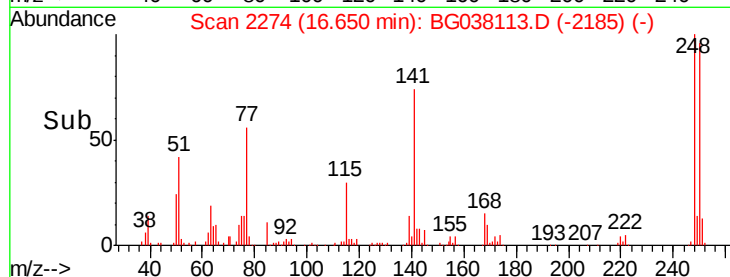
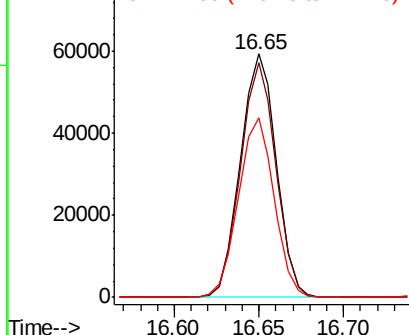
#67
 4-Bromophenyl-phenylether
 Concen: 31.347 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 87594
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.0 115.6
 141 73.7 55.5 83.3

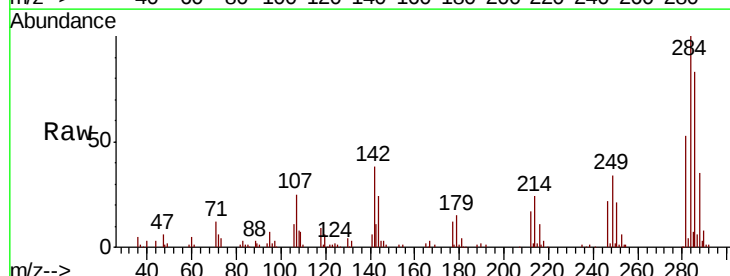


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

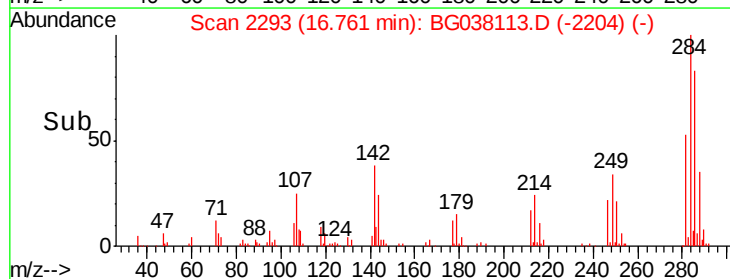
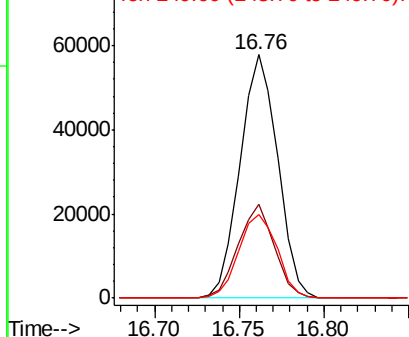


#68
 Hexachlorobenzene
 Concen: 31.159 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:284 Resp: 89873
 Ion Ratio Lower Upper
 284 100
 142 38.3 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

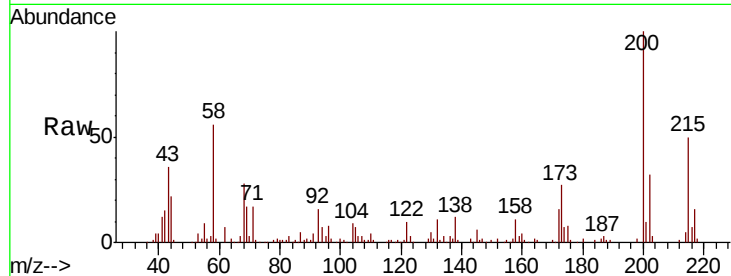




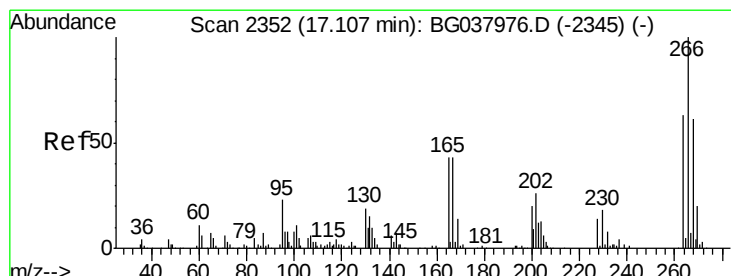
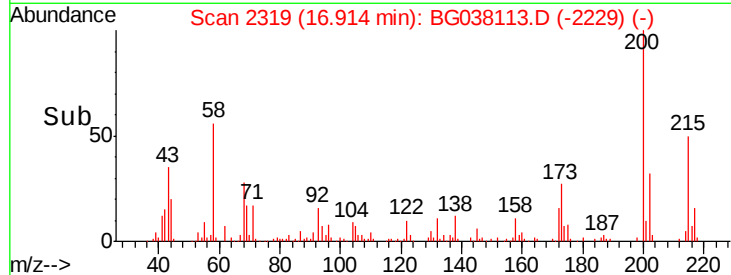
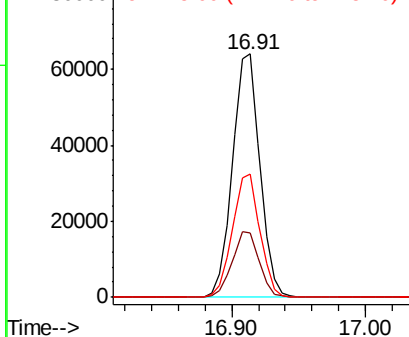
#69
 Atrazine
 Concen: 32.213 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 91460
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.1 46.1
 215 50.4 30.8 70.8

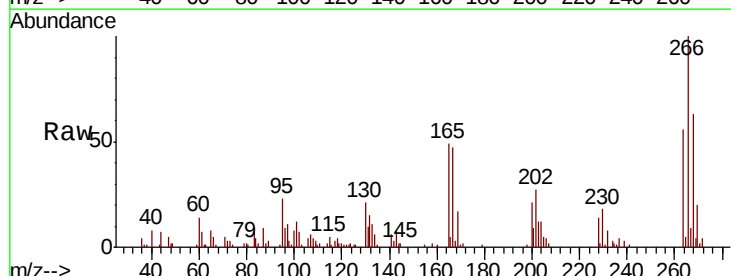


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

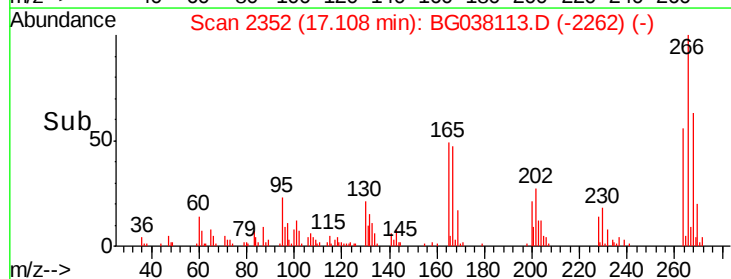
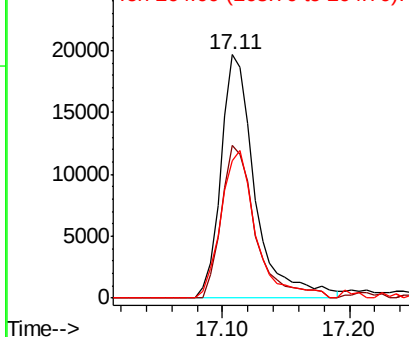


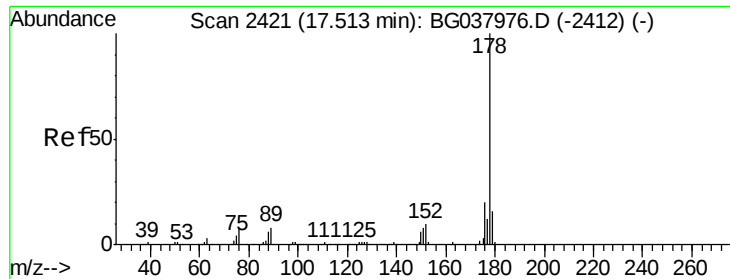
#70
 Pentachlorophenol
 Concen: 18.711 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:266 Resp: 36654
 Ion Ratio Lower Upper
 266 100
 268 67.2 55.0 82.6
 264 61.3 58.9 88.3



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

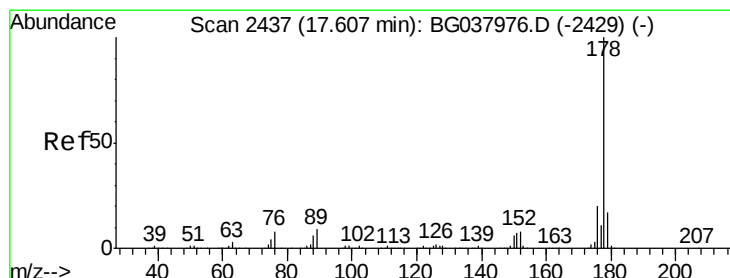
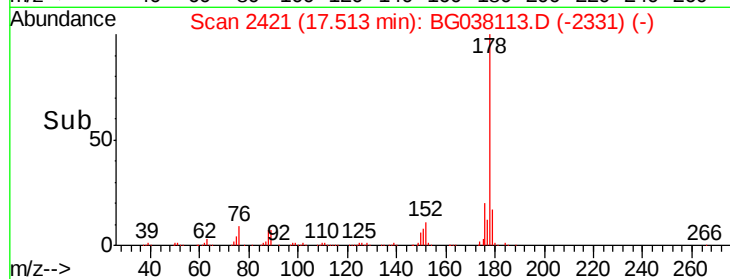
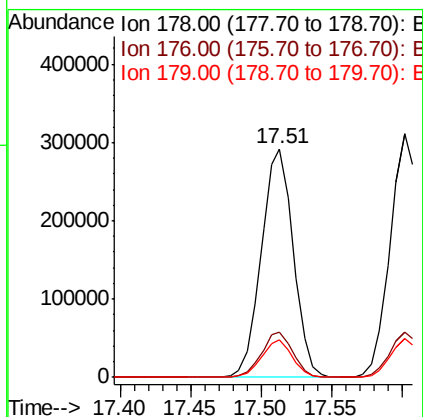
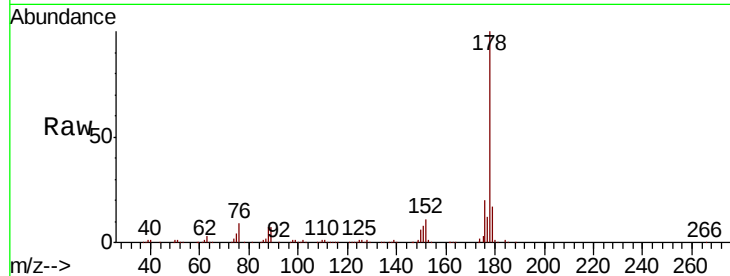




#71
Phenanthrene
Concen: 35.646 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

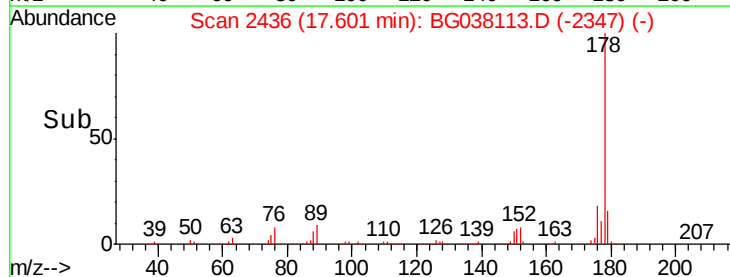
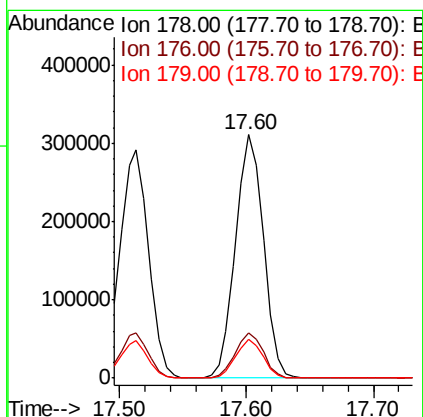
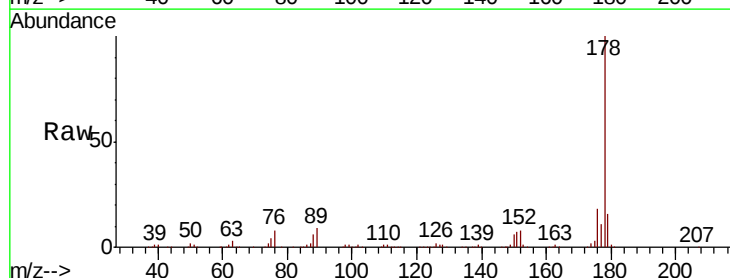
Instrument :
BNA_G
ClientSampleId :

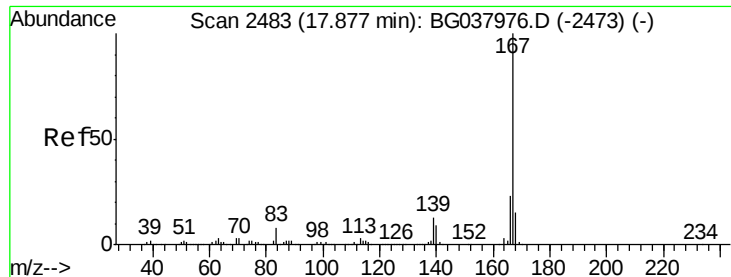
Tot Ion:178 Resp: 464634
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 36.918 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:178 Resp: 474347
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.0 12.8 19.2

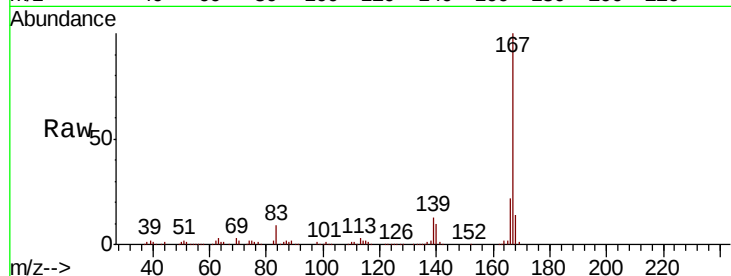




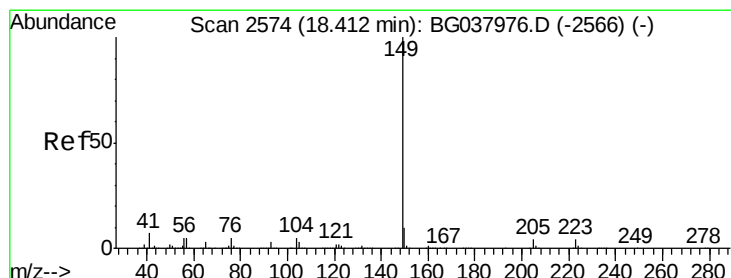
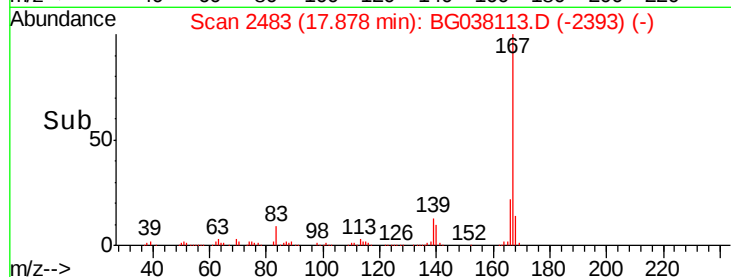
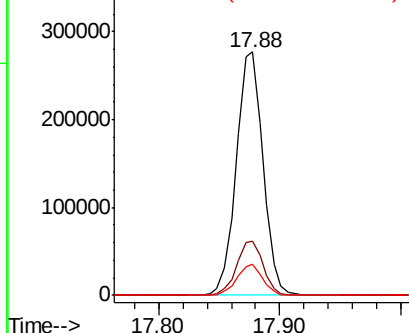
#73
 Carbazole
 Concen: 33.227 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 428331
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.3 27.5
 139 12.8 10.5 15.7

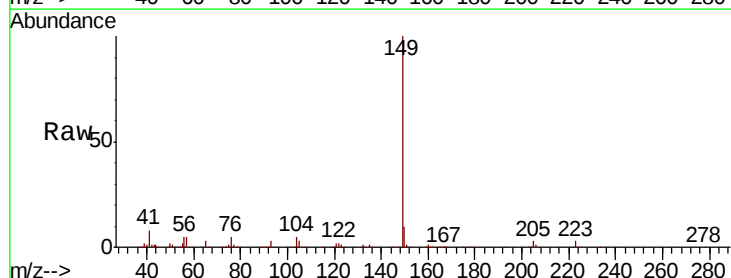


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

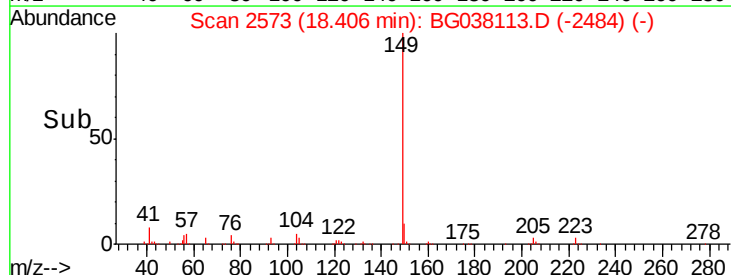
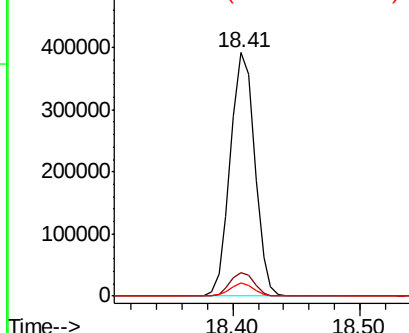


#74
 Di-n-butylphthalate
 Concen: 36.098 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:149 Resp: 522352
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.4 4.0 6.0



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





#75

Fluoranthene

Concen: 37.003 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038113.D

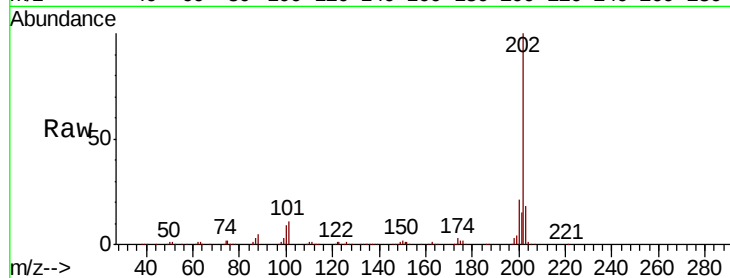
Acq: 21 Nov 2018 11:09

Instrument :

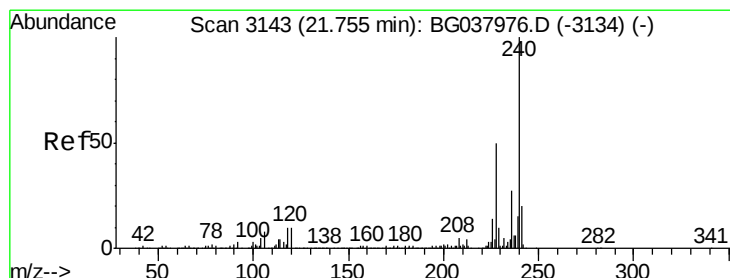
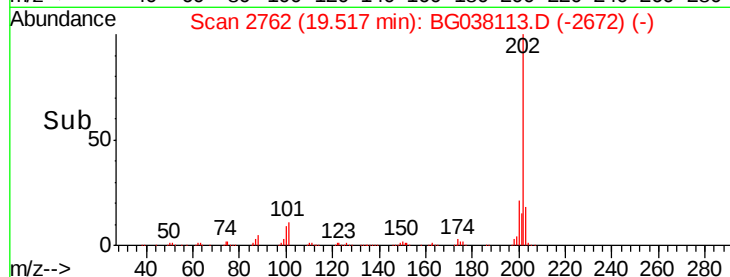
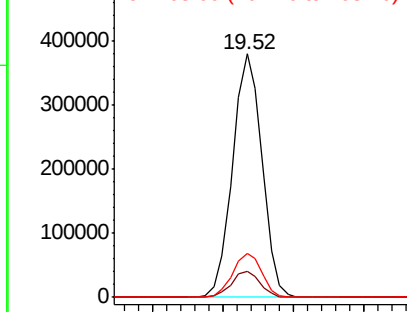
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	550285
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.9	0.0	38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

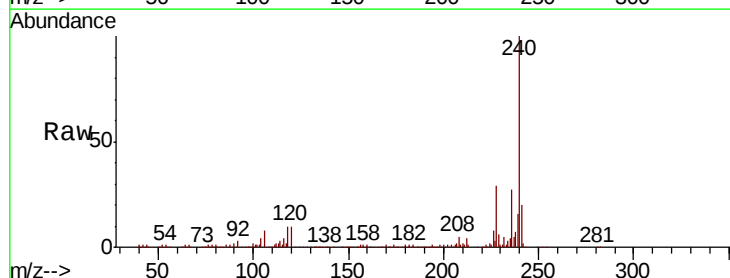
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

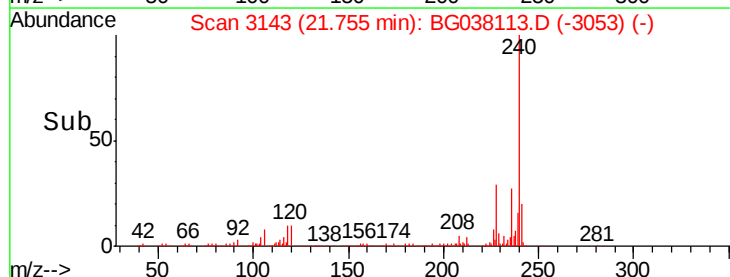
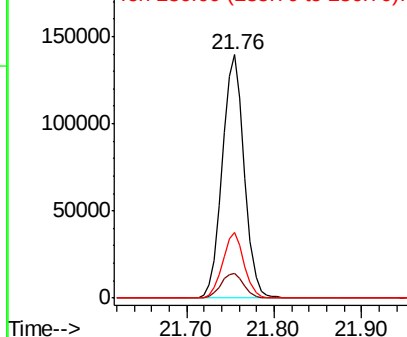
Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:	240	Resp:	240624
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.8	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.781 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

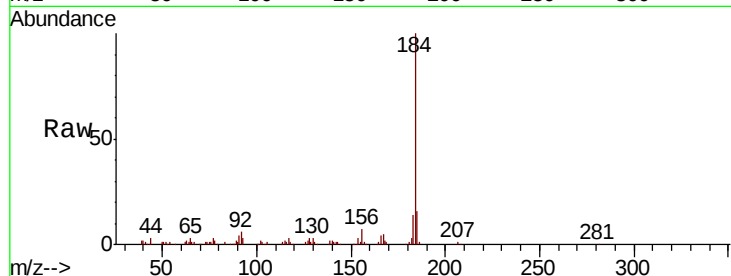
Tot Ion:184 Resp: 99471

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

183 14.2 10.2 15.2

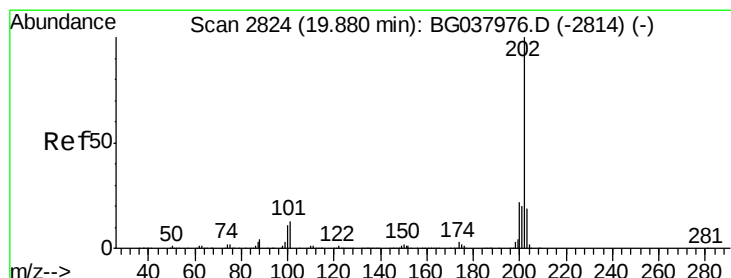
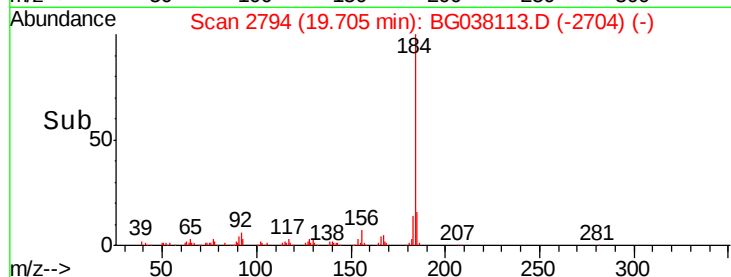
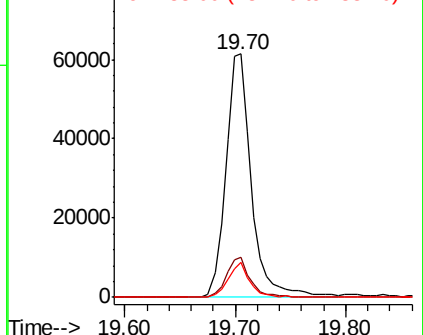


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.970 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

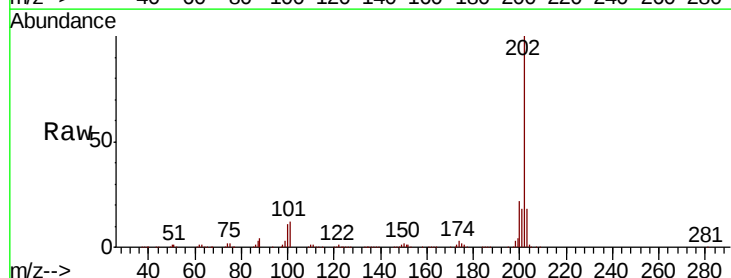
Tgt Ion:202 Resp: 550159

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

203 18.4 15.2 22.8

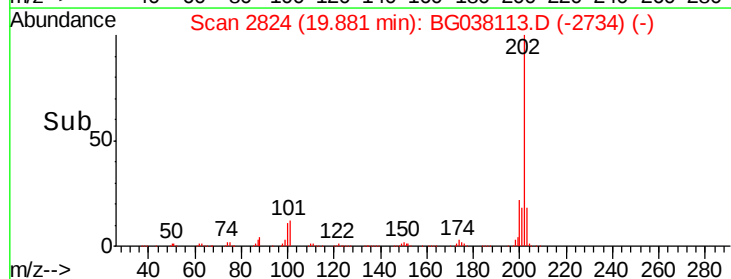
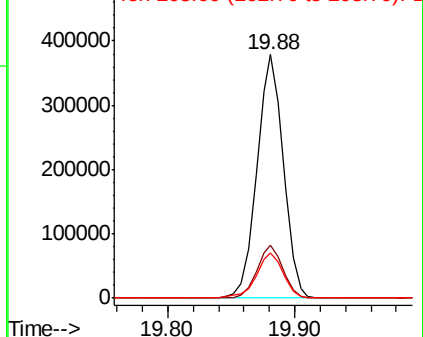


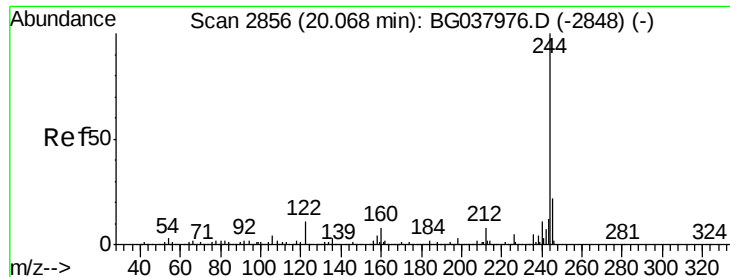
Abundance

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: 68.939 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

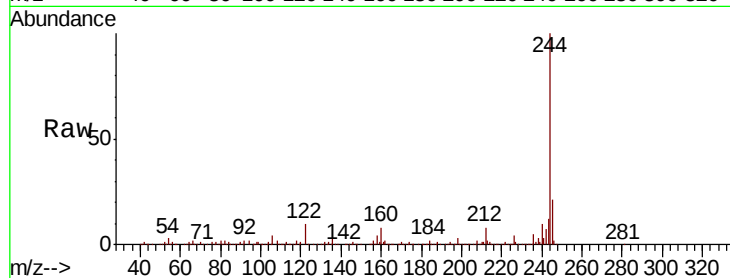
Tot Ion:244 Resp: 704990

Ion Ratio Lower Upper

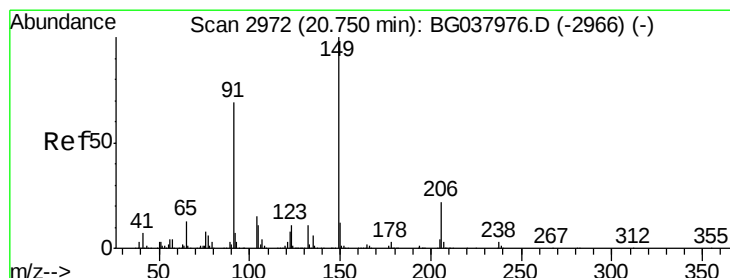
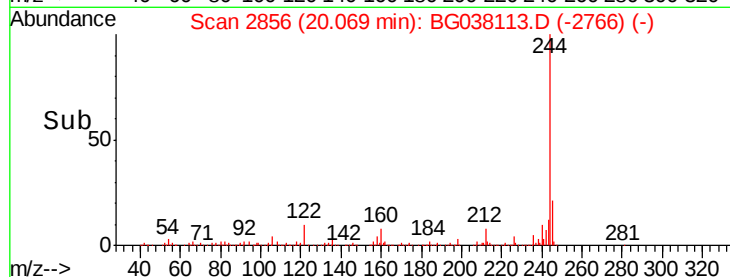
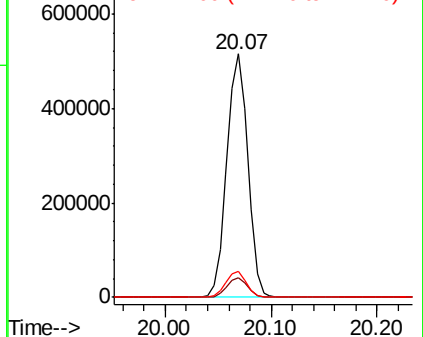
244 100

212 7.9 6.5 9.7

122 10.5 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: 34.720 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

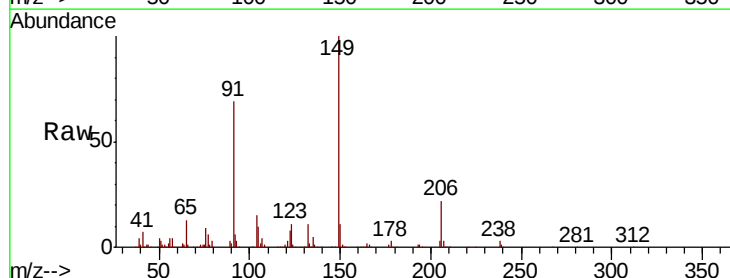
Tgt Ion:149 Resp: 238871

Ion Ratio Lower Upper

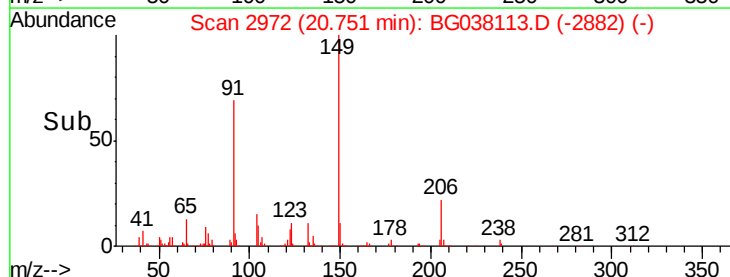
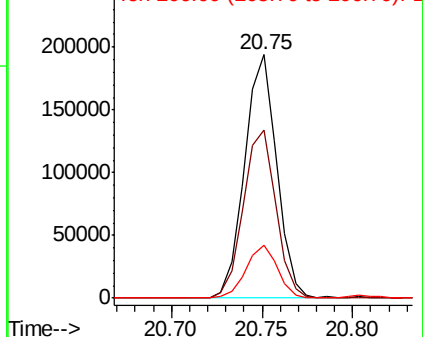
149 100

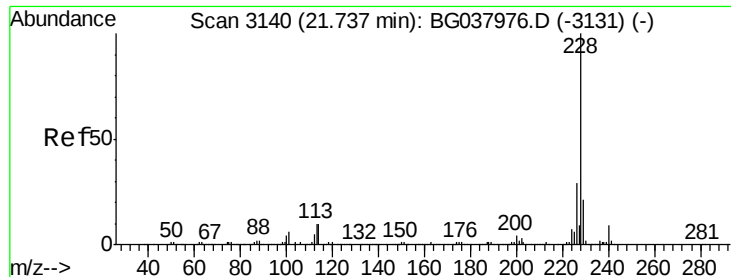
91 69.3 57.0 85.4

206 21.7 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: 36.170 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

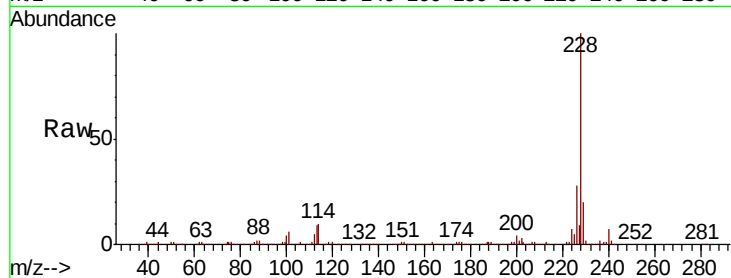
Tot Ion:228 Resp: 525958

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

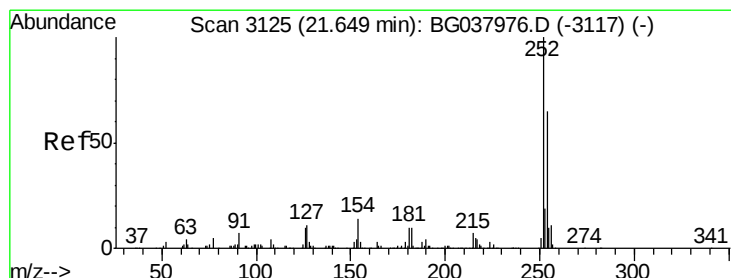
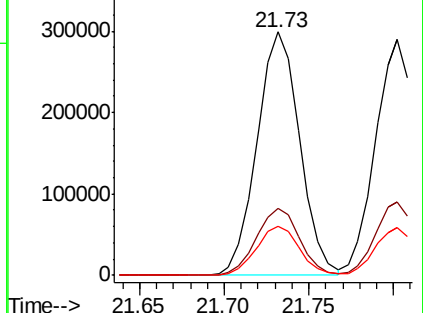
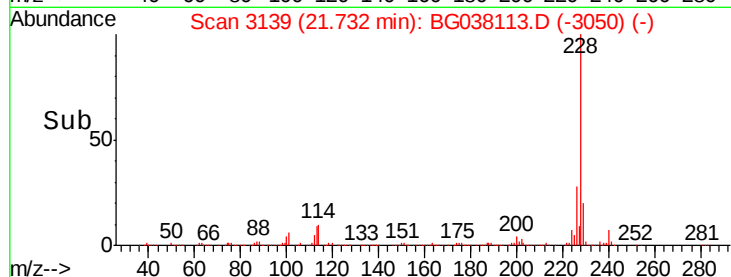
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.627 ng

RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

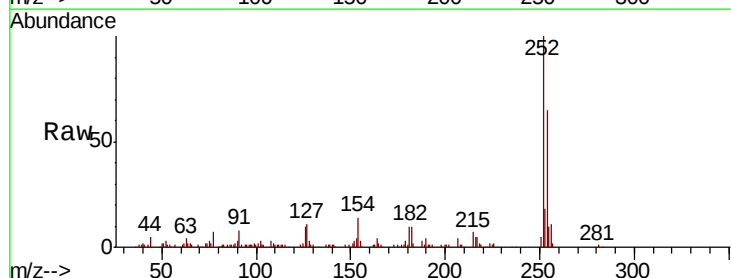
Tgt Ion:252 Resp: 82852

Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

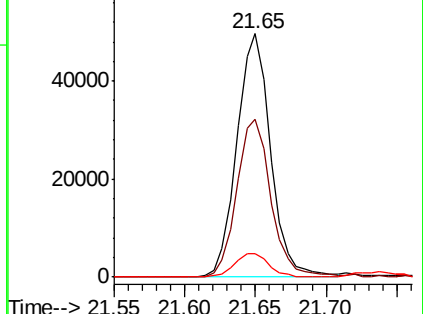
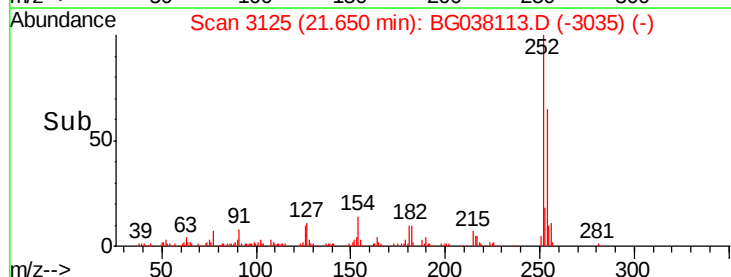
126 9.9 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

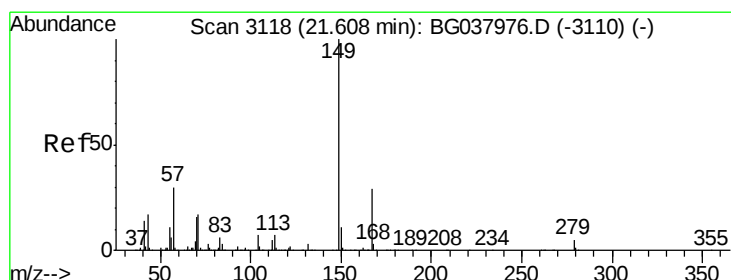
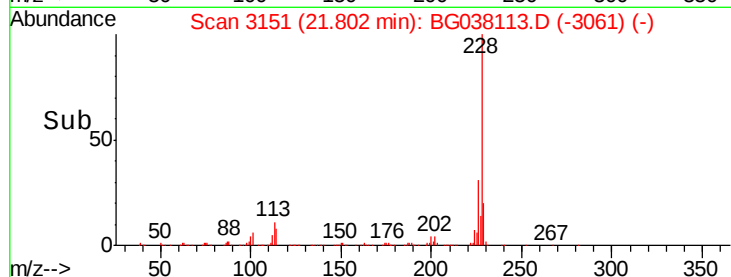
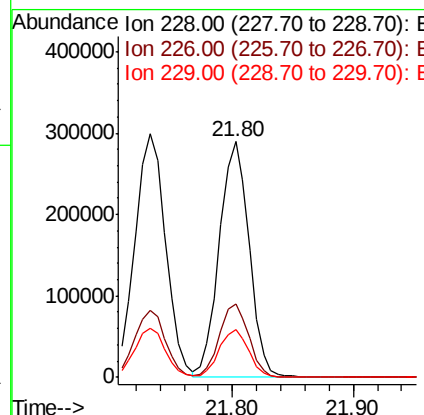
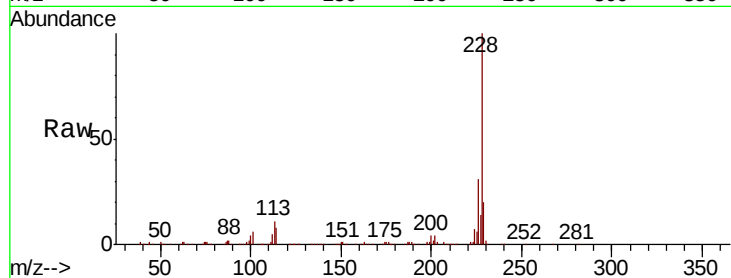




#83
 Chrysene
 Concen: 35.383 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

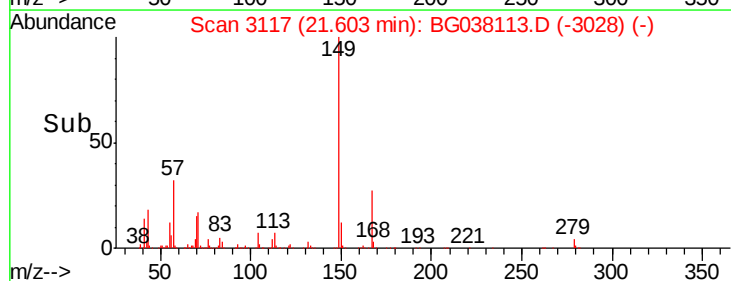
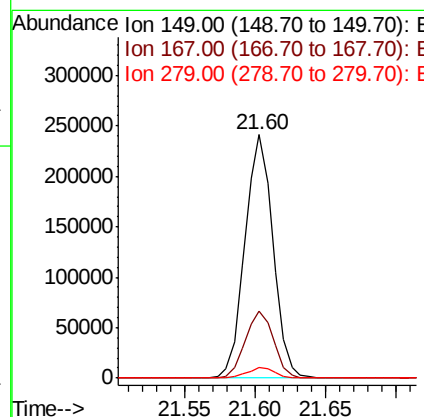
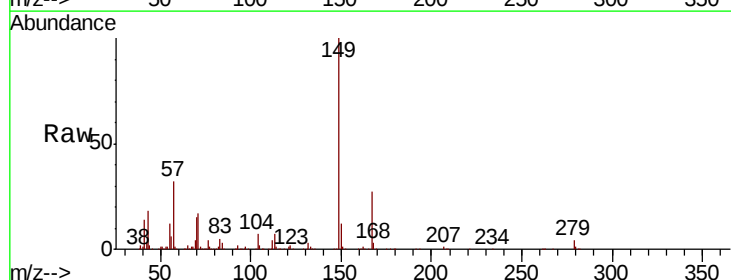
Instrument :
 BNA_G
 ClientSampleId :

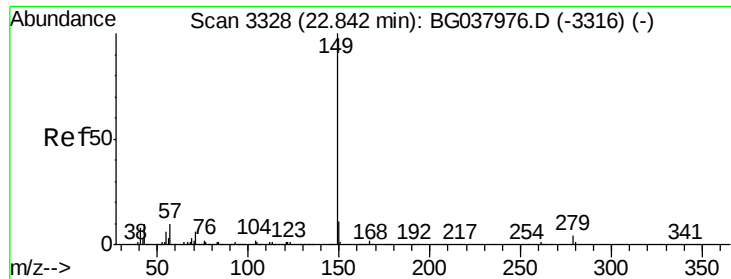
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.3	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.125 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	4.2	3.6	5.4

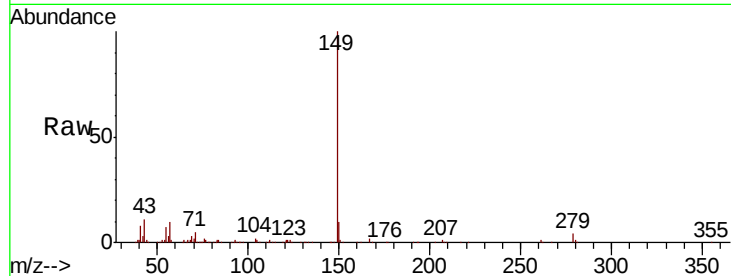




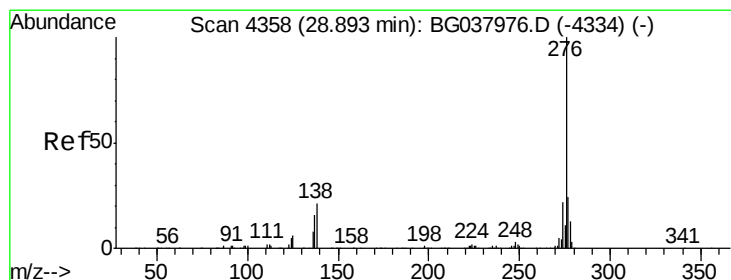
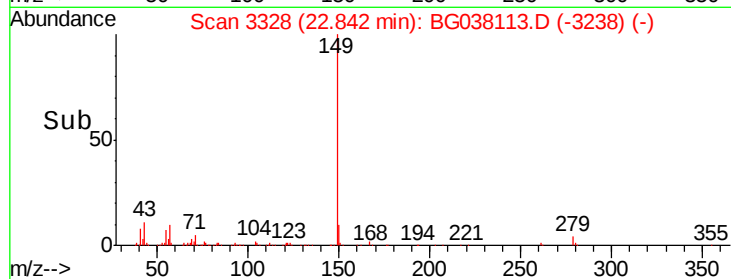
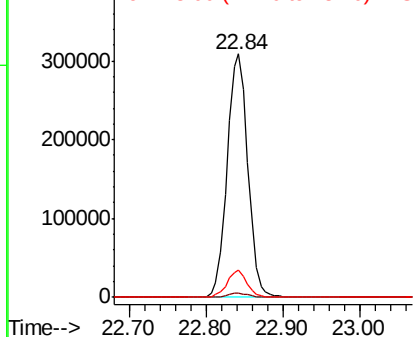
#85
Di-n-octyl phthalate
Concen: 36.407 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 577892
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.7 13.1

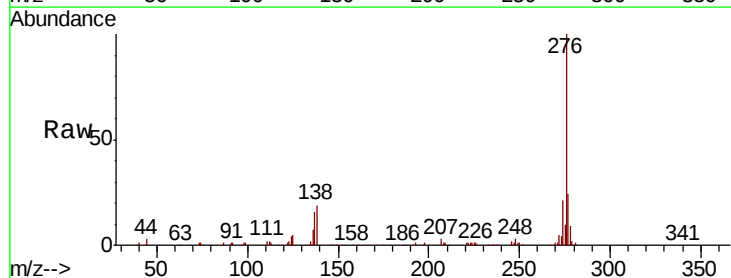


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

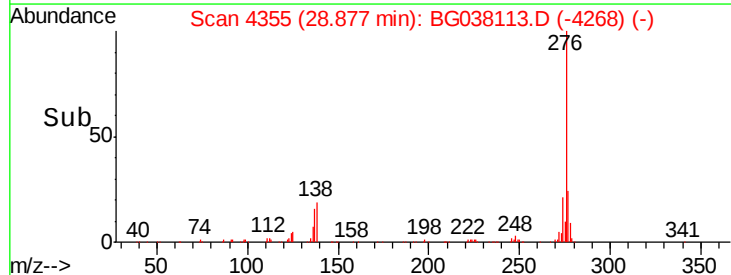
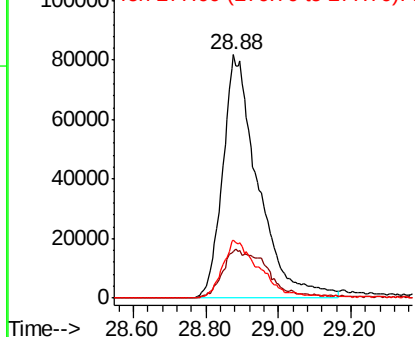


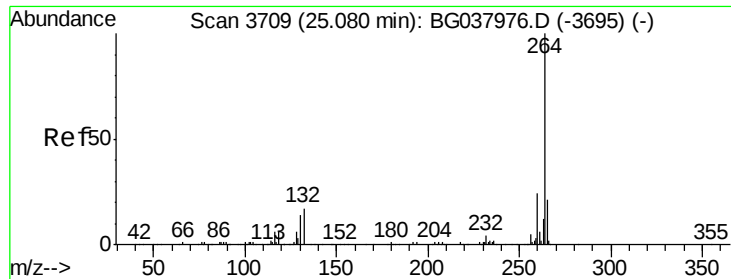
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.803 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:276 Resp: 553224
Ion Ratio Lower Upper
276 100
138 24.7 12.0 18.0#
277 24.5 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



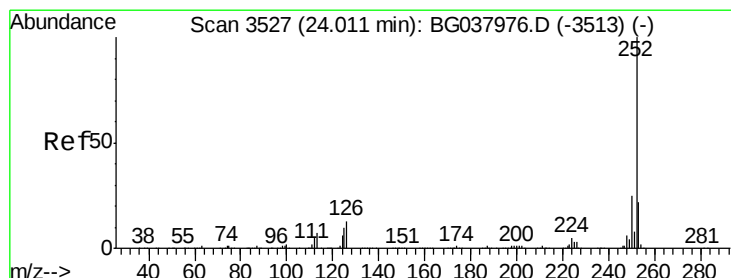
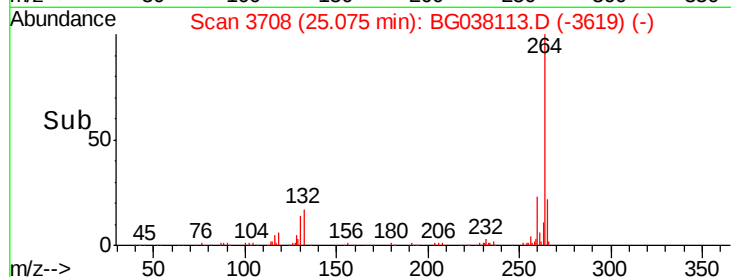
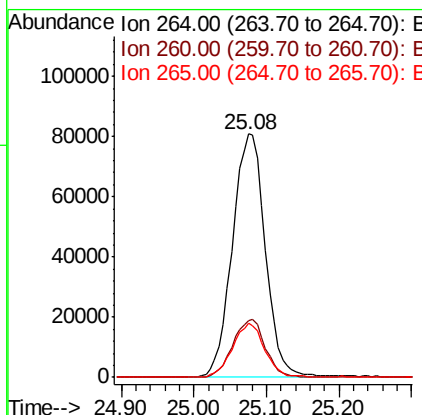
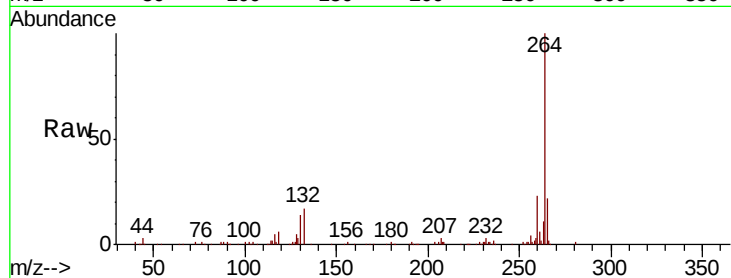


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 254888

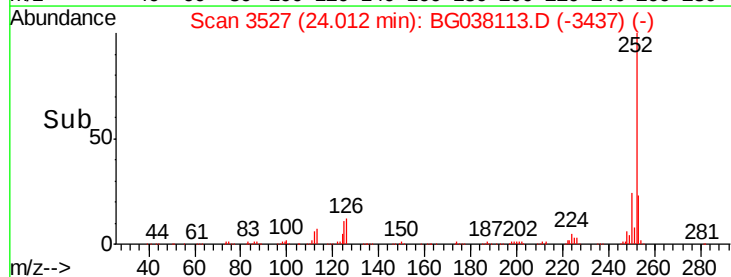
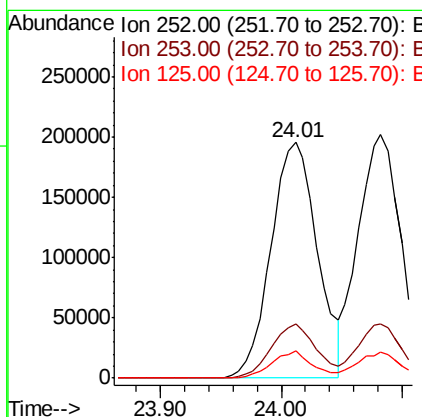
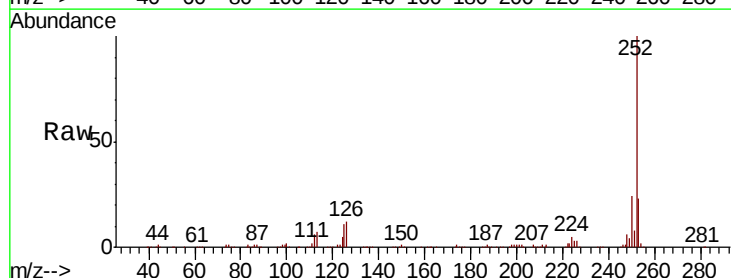
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.3	17.9	26.9

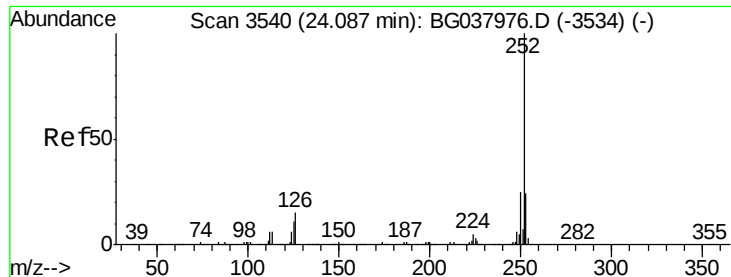


#88
Benzo(b)fluoranthene
Concen: 37.184 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:252 Resp: 521567

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.3	7.8	11.6

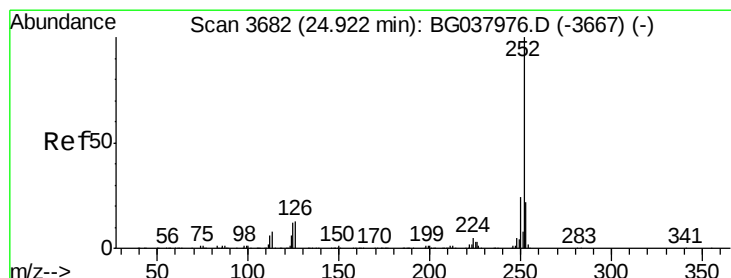
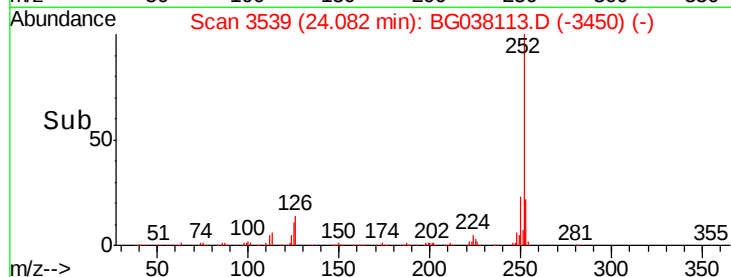
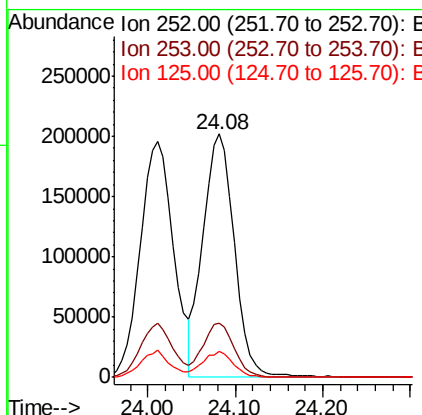
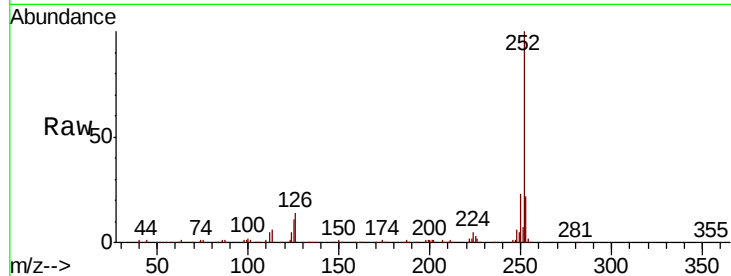




#89
Benzo(k)fluoranthene
Concen: 36.207 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

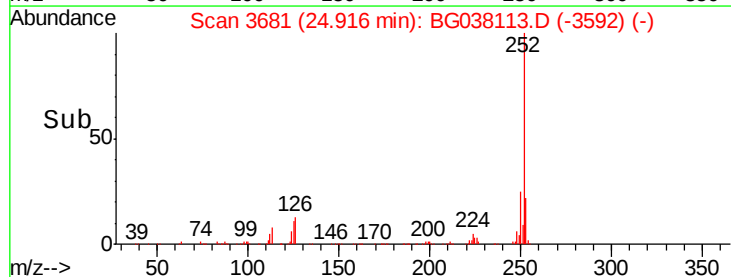
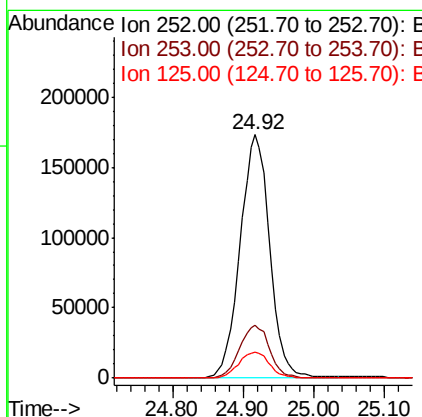
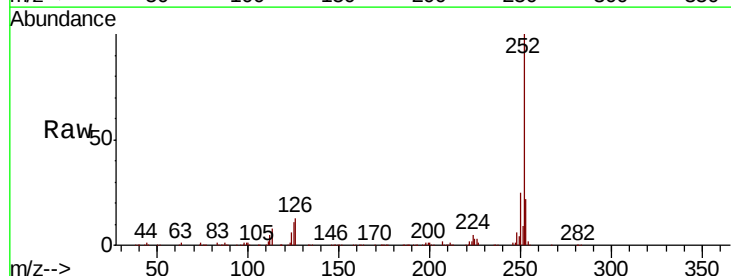
Instrument :
BNA_G
ClientSampled :

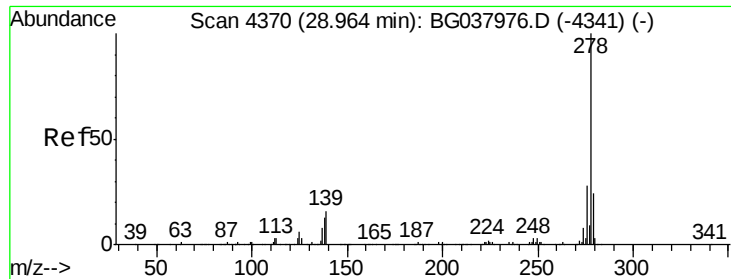
Tot Ion:252 Resp: 501131
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 37.685 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:252 Resp: 505159
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.8 9.0 13.6

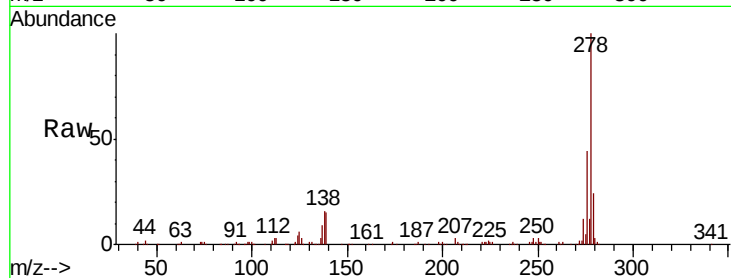




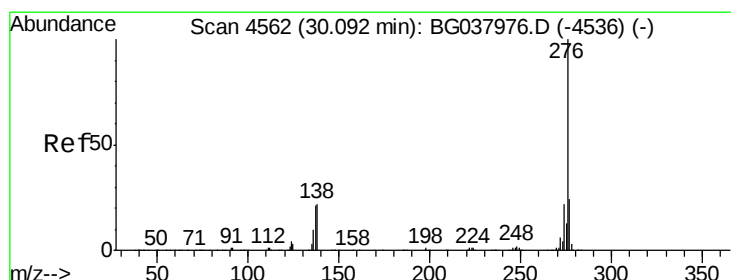
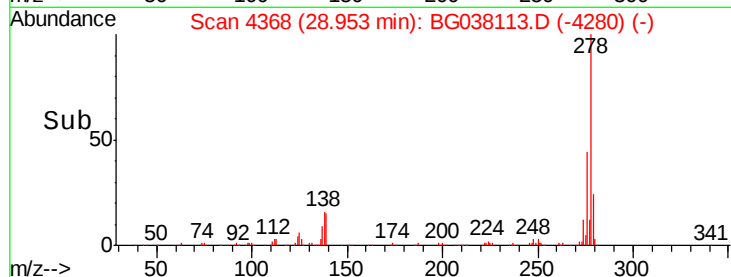
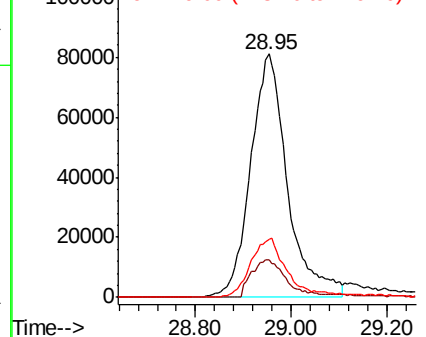
#91
Dibenzo(a,h)anthracene
Concen: 33.582 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 433144
Ion Ratio Lower Upper
278 100
139 15.3 11.5 17.3
279 24.0 18.6 27.8

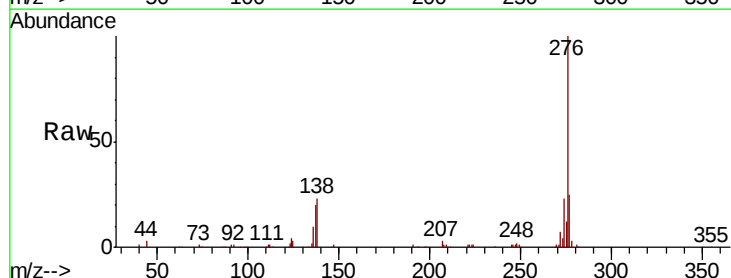


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.805 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion:276 Resp: 433537
Ion Ratio Lower Upper
276 100
277 25.2 18.9 28.3
138 22.9 17.2 25.8



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

