

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040233.D
 Acq On : 29 Mar 2019 19:56
 Operator : JU/SJ
 Sample : PB118167BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Quant Time: Mar 30 04:08:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50334	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	211645	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	140181	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	359112	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	356421	20.00	ng	-0.02
87) Perylene-d12	24.99	264	368547	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	420709	138.95	ng	-0.01
7) Phenol-d6	7.21	99	573627	137.09	ng	-0.01
23) Nitrobenzene-d5	9.23	82	342936	86.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	223459	147.50	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	810564	85.68	ng	-0.01
79) Terphenyl-d14	20.03	244	1341881	84.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	54299	38.139	ng	# 96
3) Pyridine	3.90	79	139539	36.402	ng	98
4) n-Nitrosodimethylamine	3.82	42	65728	37.069	ng	# 92
6) Aniline	7.38	93	159105	29.266	ng	96
8) 2-Chlorophenol	7.62	128	144102	40.657	ng	99
9) Benzaldehyde	7.20	77	117815	41.046	ng	97
10) Phenol	7.24	94	195287	42.997	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	136700	37.578	ng	96
12) 1,3-Dichlorobenzene	7.94	146	145914	37.872	ng	95
13) 1,4-Dichlorobenzene	8.09	146	147415	38.415	ng	99
14) 1,2-Dichlorobenzene	8.41	146	140540	38.298	ng	96
15) Benzyl Alcohol	8.30	79	129220	38.345	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	257534	36.888	ng	99
17) 2-Methylphenol	8.49	107	133937	42.616	ng	99
18) Hexachloroethane	9.14	117	53590	36.714	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	110680	36.892	ng	99
20) 3+4-Methylphenols	8.82	107	184205	43.265	ng	97
22) Acetophenone	8.89	105	215969	40.907	ng	# 97
24) Nitrobenzene	9.27	77	164277	39.842	ng	94
25) Isophorone	9.79	82	321235	39.210	ng	99
26) 2-Nitrophenol	9.98	139	80231	41.065	ng	99
27) 2,4-Dimethylphenol	10.03	122	152060	48.998	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	194816	40.192	ng	99
29) 2,4-Dichlorophenol	10.51	162	152561	45.290	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	150342	40.646	ng	98
31) Naphthalene	10.93	128	445152	41.034	ng	98
32) Benzoic acid	10.13	122	11147	5.945	ng	85
33) 4-Chloroaniline	11.04	127	118688	25.649	ng	98
34) Hexachlorobutadiene	11.18	225	89806	37.964	ng	98
35) Caprolactam	11.84	113	63278	47.336	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	168227	43.441	ng	98
37) 2-Methylnaphthalene	12.52	142	340803	42.477	ng	98
38) 1-Methylnaphthalene	12.74	142	323485	41.578	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	172554	38.729	ng	98

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 QLast Update : Thu Mar 28 05:47:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	229872	93.965	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	125578	43.716	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	135994	43.434	ng	96
46) 1,1'-Biphenyl	13.52	154	440945	39.810	ng	99
47) 2-Chloronaphthalene	13.57	162	340779	40.110	ng	99
48) 2-Nitroaniline	13.78	65	115671	40.363	ng	96
49) Acenaphthylene	14.42	152	580870	40.324	ng	99
50) Dimethylphthalate	14.14	163	460736	41.995	ng	99
51) 2,6-Dinitrotoluene	14.27	165	103300	41.934	ng	99
52) Acenaphthene	14.76	154	338639	41.026	ng	99
53) 3-Nitroaniline	14.60	138	69981	26.837	ng	92
54) 2,4-Dinitrophenol	14.81	184	96499	73.658	ng	96
55) Dibenzofuran	15.09	168	553393	41.723	ng	99
56) 4-Nitrophenol	14.91	139	183771	87.321	ng	96
57) 2,4-Dinitrotoluene	15.06	165	147304	43.034	ng	98
58) Fluorene	15.74	166	440165	42.210	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	136315	47.977	ng	99
60) Diethylphthalate	15.49	149	494231	44.023	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	237387	42.588	ng	97
62) 4-Nitroaniline	15.77	138	123827	44.249	ng	99
63) Azobenzene	16.01	77	446154	42.131	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	79117	39.214	ng	98
66) n-Nitrosodiphenylamine	15.94	169	420736	40.037	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	159733	39.526	ng	95
68) Hexachlorobenzene	16.73	284	162763	40.057	ng	98
69) Atrazine	16.88	200	156256	39.972	ng	100
70) Pentachlorophenol	17.08	266	182240	77.577	ng	96
71) Phenanthrene	17.48	178	776903	41.159	ng	99
72) Anthracene	17.57	178	798145	42.246	ng	100
73) Carbazole	17.84	167	735868	41.156	ng	100
74) Di-n-butylphthalate	18.38	149	866206	40.870	ng	100
75) Fluoranthene	19.49	202	938329	41.981	ng	99
77) Benzidine	19.67	184	586134	45.540	ng	99
78) Pyrene	19.84	202	940813	40.139	ng	98
80) Butylbenzylphthalate	20.71	149	400490	39.930	ng	96
81) Benzo(a)anthracene	21.69	228	853640	38.884	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	173923	20.826	ng	96
83) Chrysene	21.76	228	834664	39.560	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	563803	39.325	ng	100
85) Di-n-octyl phthalate	22.78	149	970232	39.720	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1044026	40.458	ng	100
88) Benzo(b)fluoranthene	23.95	252	937250	41.538	ng	98
89) Benzo(k)fluoranthene	24.02	252	867626	41.813	ng	98
90) Benzo(a)pyrene	24.84	252	899112	42.469	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	843948	42.922	ng	98
92) Benzo(g,h,i)perylene	29.96	276	872745	43.190	ng	99

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

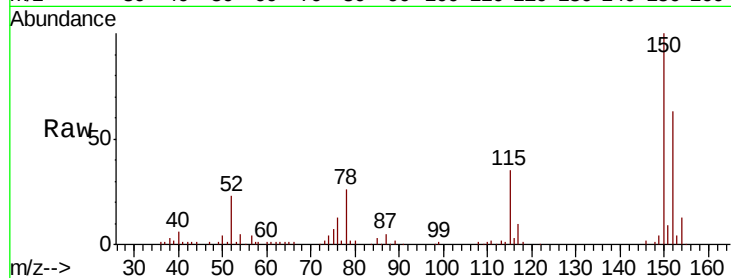


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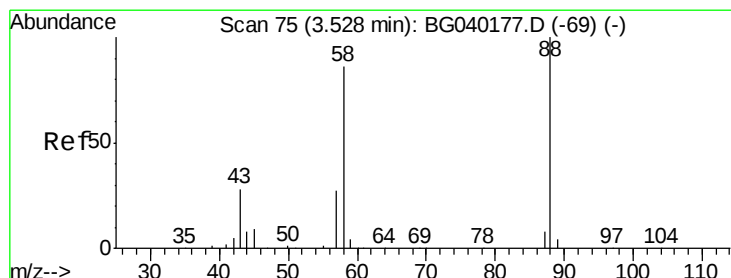
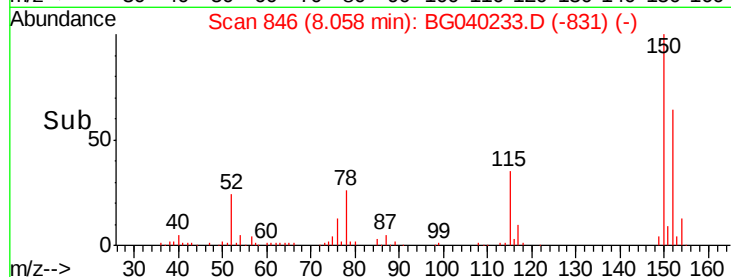
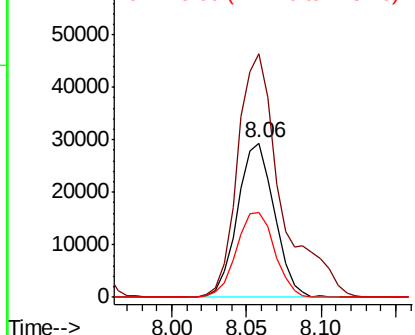
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:152 Resp: 50334
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 54.6 46.9 70.3



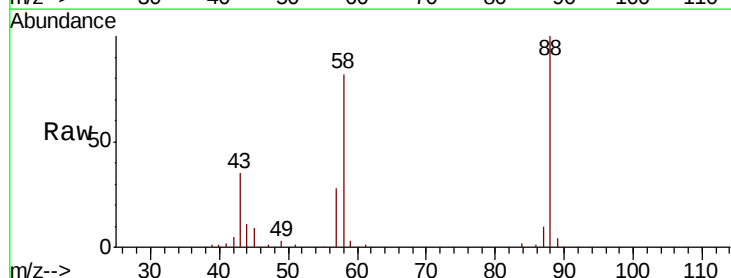
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



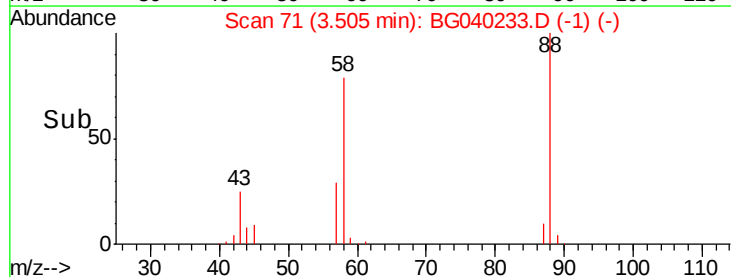
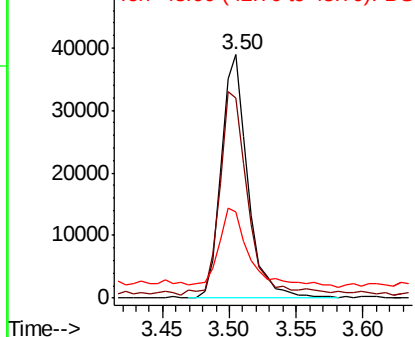
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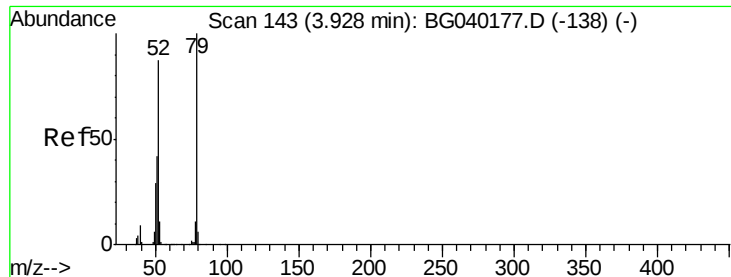
1,4-Dioxane
Concen: 38.139 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 88 Resp: 54299
Ion Ratio Lower Upper
88 100
58 86.8 70.6 106.0
43 37.5 24.8 37.2#



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





#3

Pyridine

Concen: 36.402 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

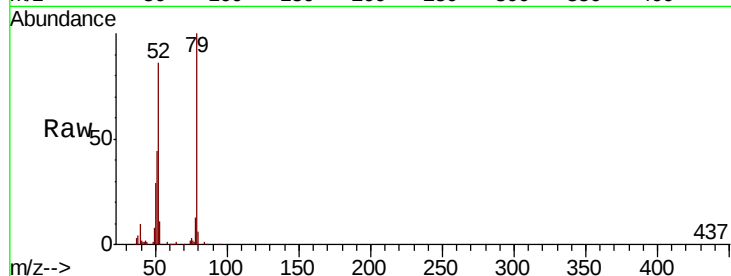
Tgt Ion: 79 Resp: 139539

Ion Ratio Lower Upper

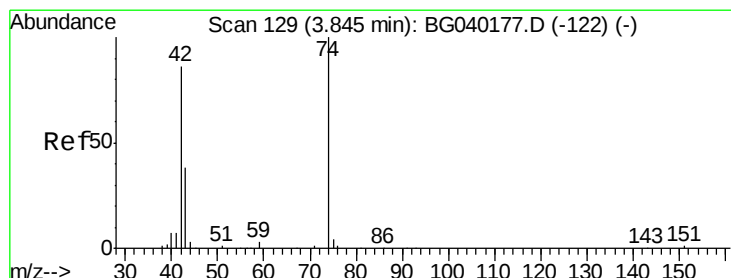
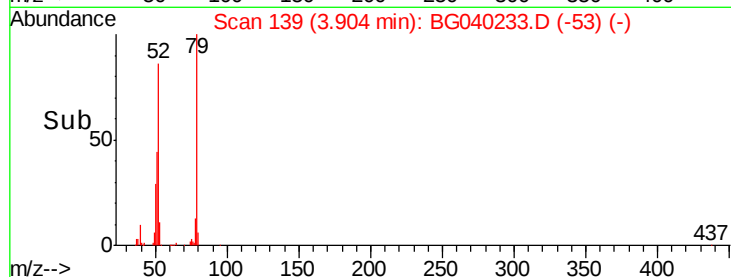
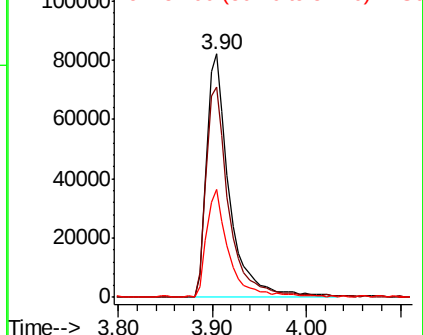
79 100

52 86.2 69.8 104.8

51 44.4 33.9 50.9



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: 37.069 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

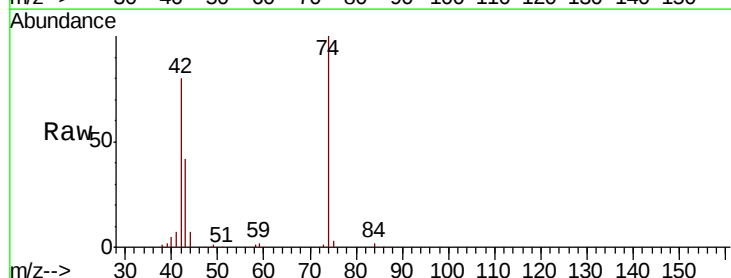
Tgt Ion: 42 Resp: 65728

Ion Ratio Lower Upper

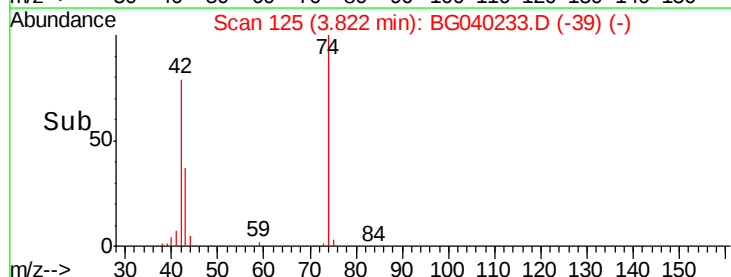
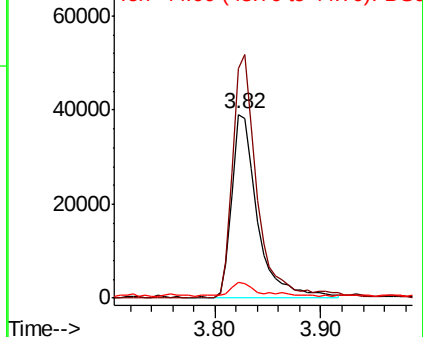
42 100

74 124.9 92.9 139.3

44 8.5 9.7 14.5#



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: 138.950 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

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ClientSampleId :

PB118167BS

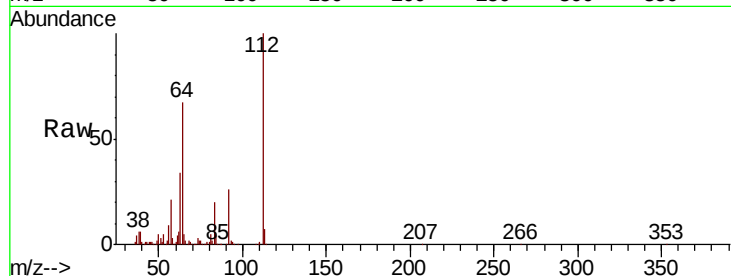
Tgt Ion: 112 Resp: 420709

Ion Ratio Lower Upper

112 100

64 67.5 54.2 81.2

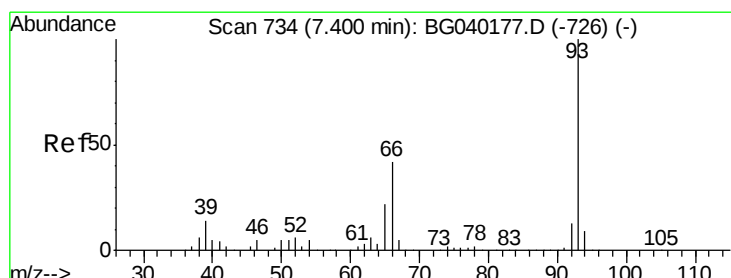
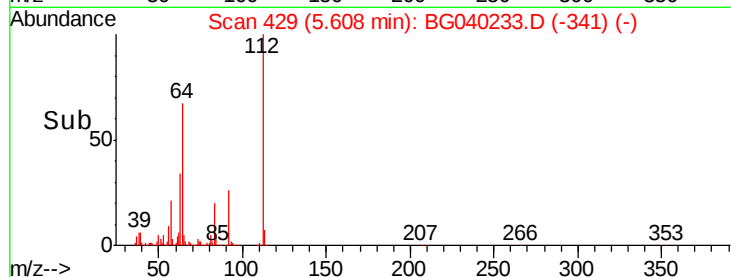
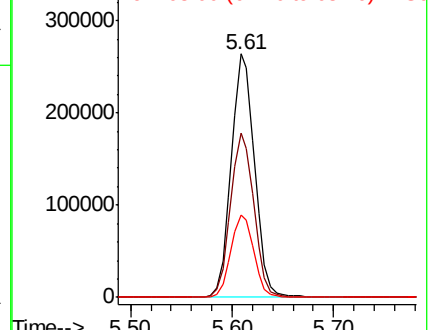
63 33.8 26.4 39.6



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: 29.266 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

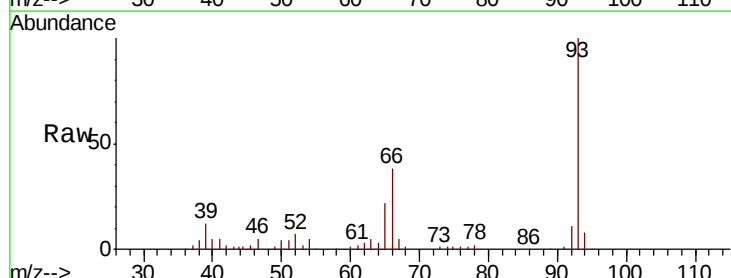
Tgt Ion: 93 Resp: 159105

Ion Ratio Lower Upper

93 100

66 38.5 33.6 50.4

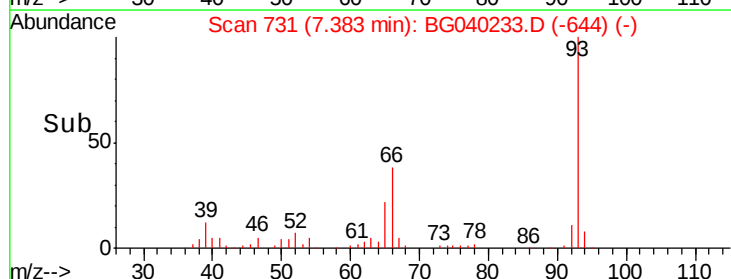
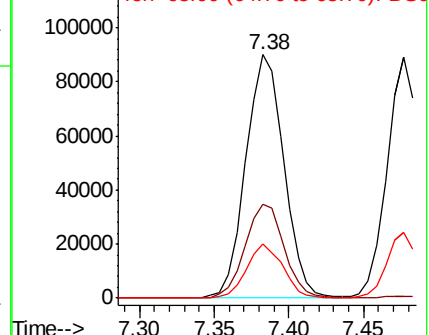
65 22.1 17.4 26.2

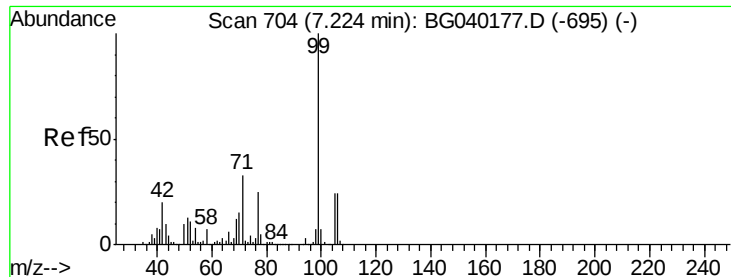


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.086 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

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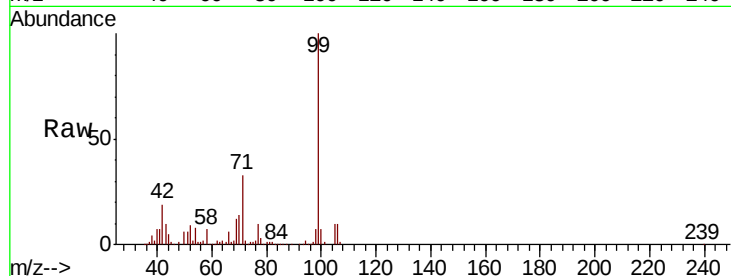
Tgt Ion: 99 Resp: 573627

Ion Ratio Lower Upper

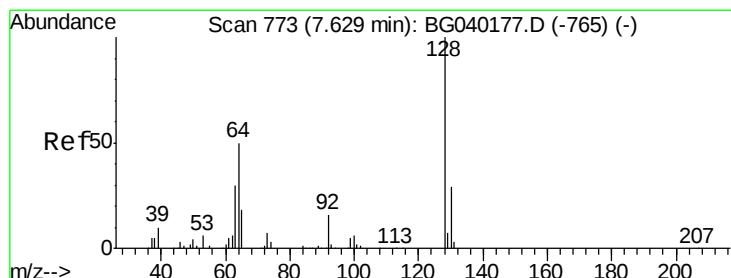
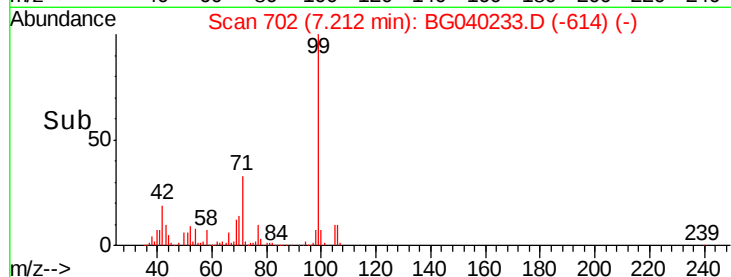
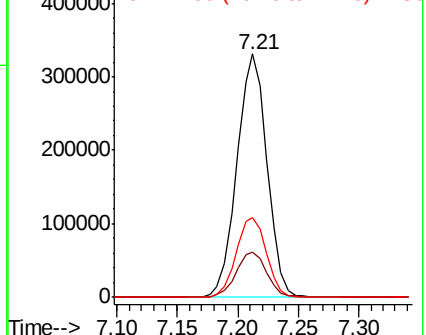
99 100

42 18.5 16.2 24.2

71 32.9 26.8 40.2



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: 40.657 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

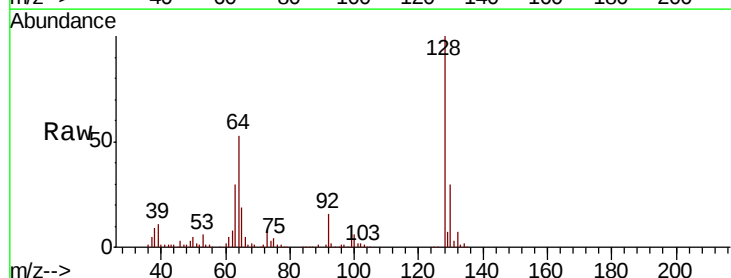
Tgt Ion: 128 Resp: 144102

Ion Ratio Lower Upper

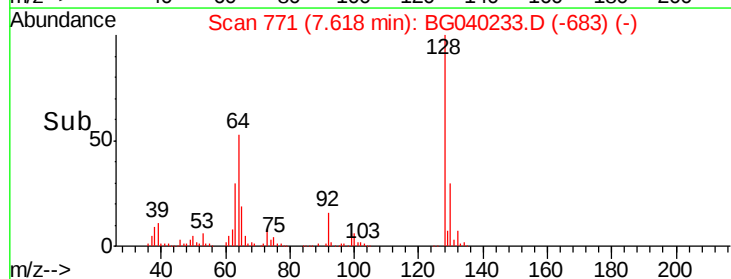
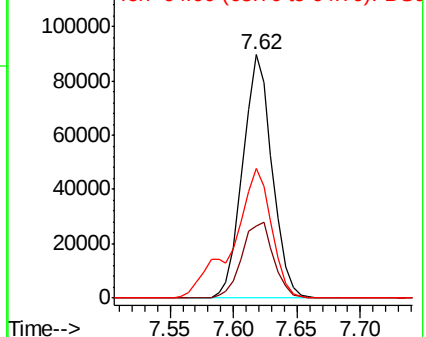
128 100

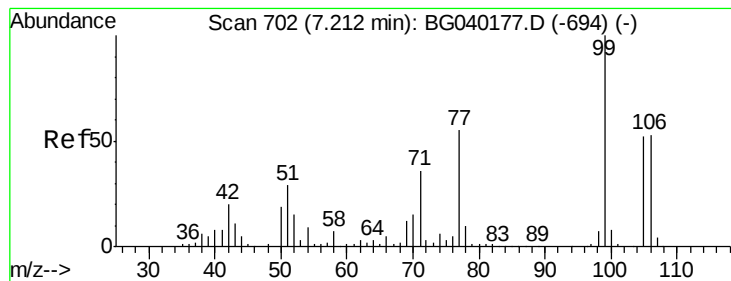
130 29.8 9.1 49.1

64 53.2 33.1 73.1



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





#9

Benzaldehyde

Concen: 41.046 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

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ClientSampleId :

PB118167BS

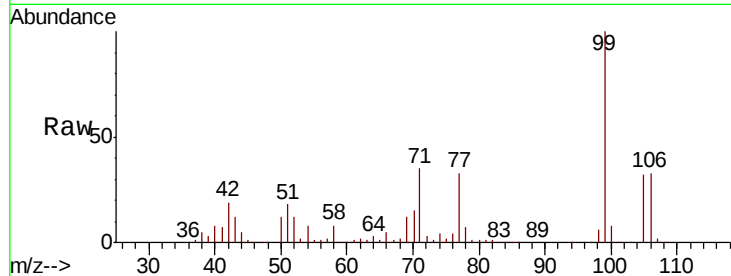
Tgt Ion: 77 Resp: 117815

Ion Ratio Lower Upper

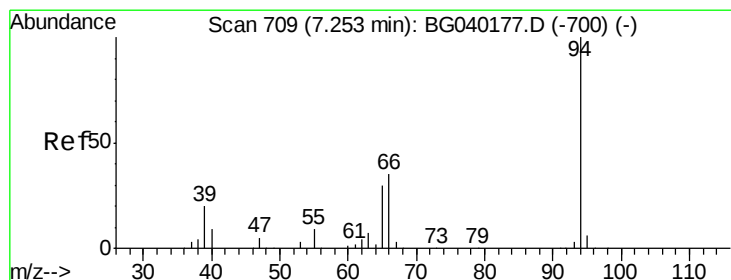
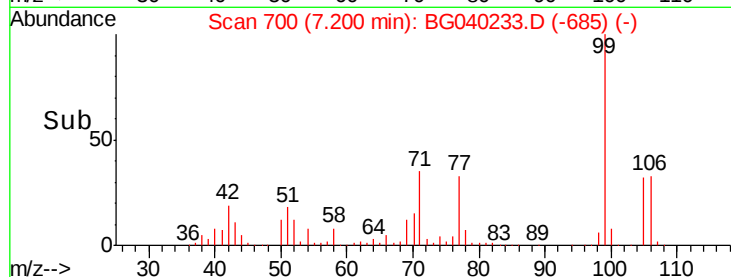
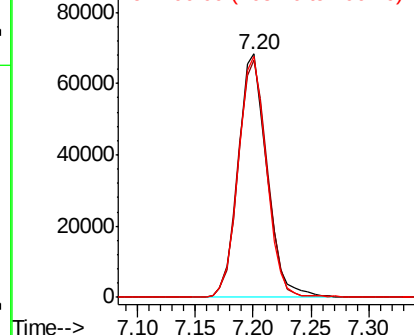
77 100

105 97.6 75.0 115.0

106 99.2 75.7 115.7



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: 42.997 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

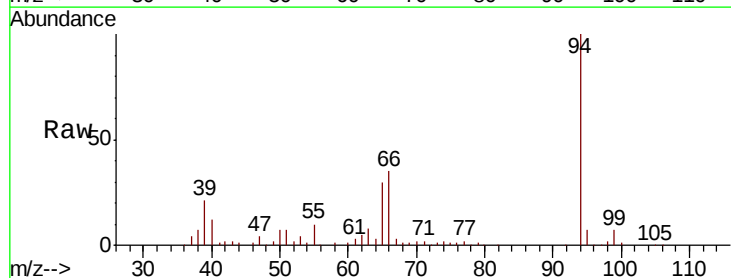
Tgt Ion: 94 Resp: 195287

Ion Ratio Lower Upper

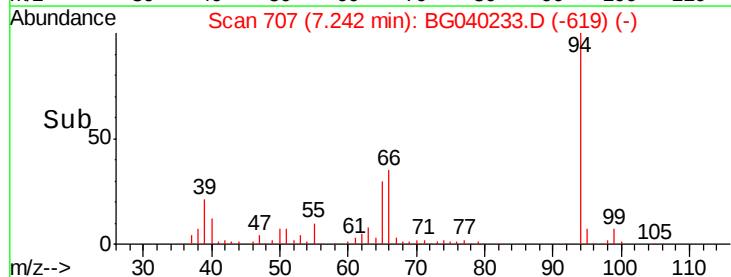
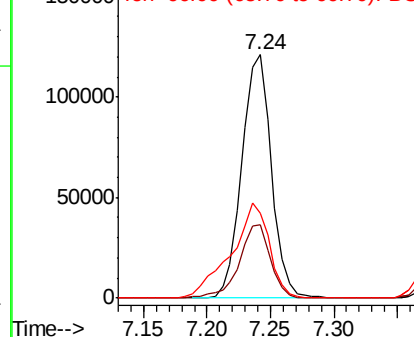
94 100

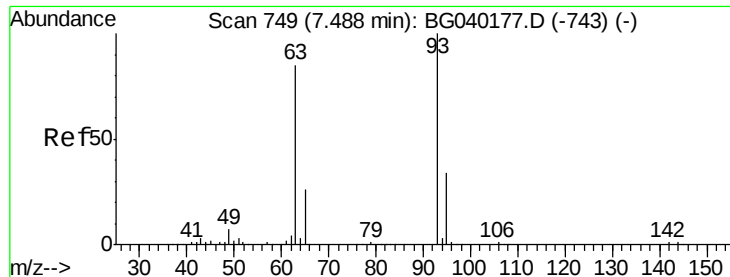
65 30.2 10.5 50.5

66 35.1 16.9 56.9



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

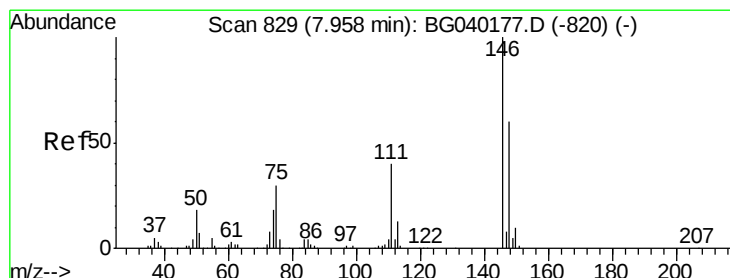
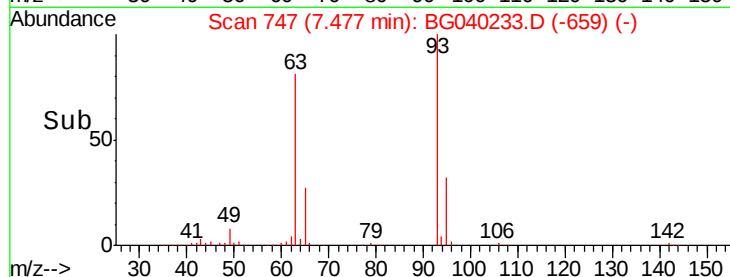
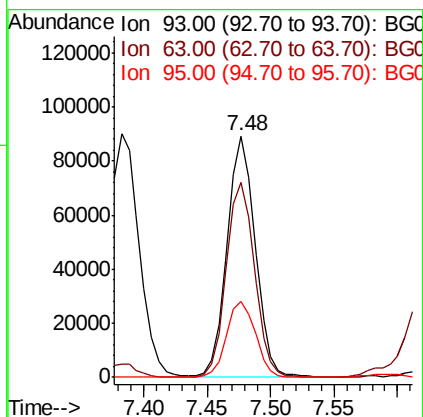
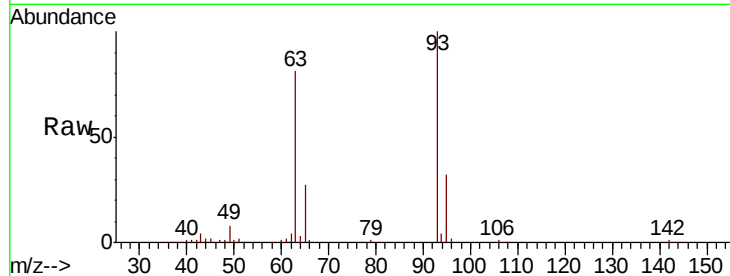




#11
bis(2-Chloroethyl)ether
Concen: 37.578 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

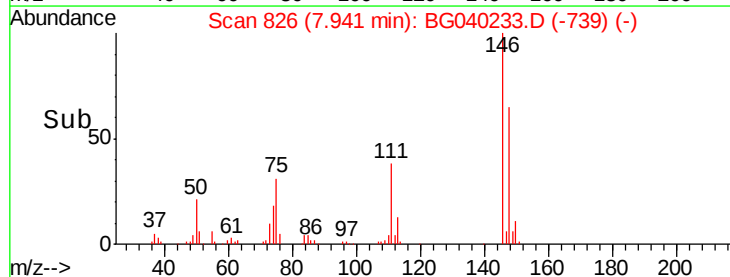
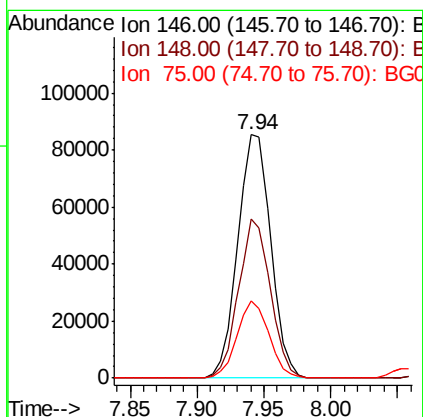
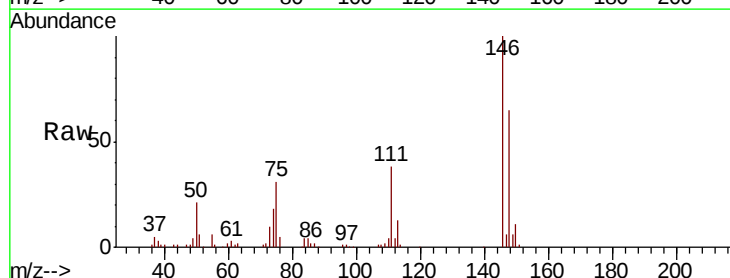
Instrument :
BNA_G
ClientSampleId :
PB118167BS

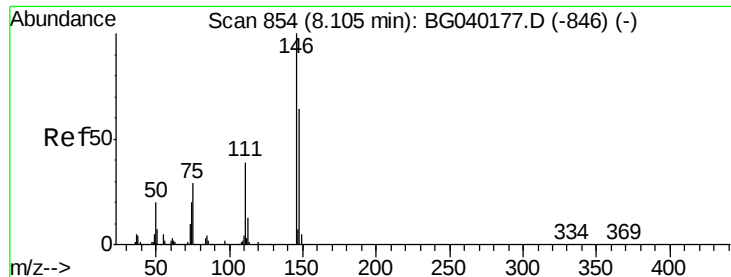
Tgt Ion: 93 Resp: 136700
Ion Ratio Lower Upper
93 100
63 80.5 64.2 104.2
95 31.5 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 146 Resp: 145914
Ion Ratio Lower Upper
146 100
148 65.1 48.2 72.2
75 31.5 24.1 36.1

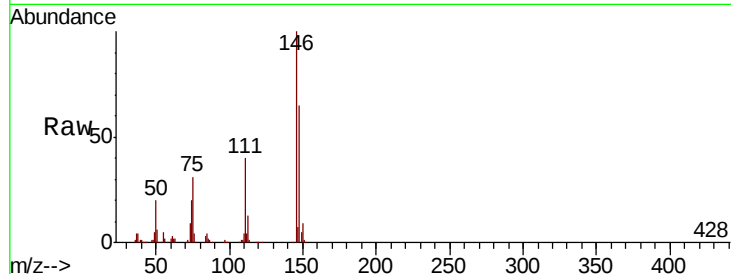




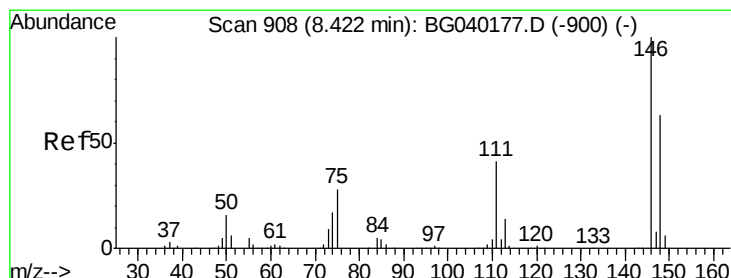
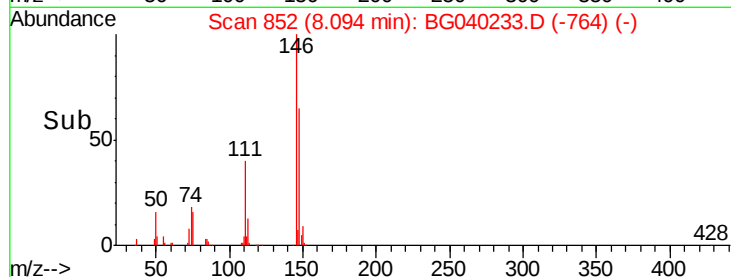
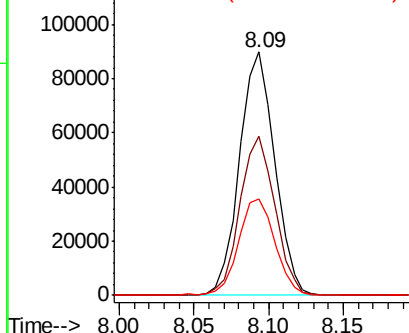
#13
 1,4-Dichlorobenzene
 Concen: 38.415 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion:146 Resp: 147415
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.4
 111 39.6 31.8 47.6

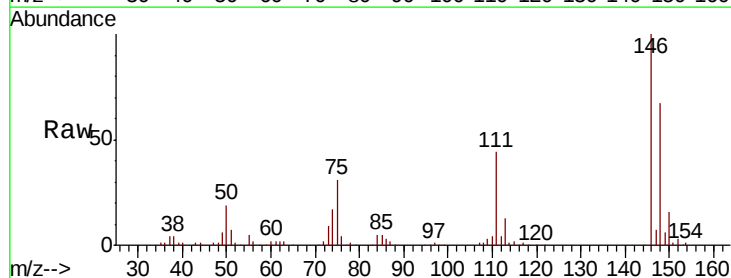


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

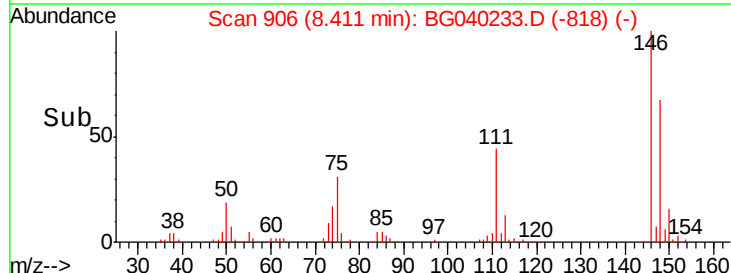
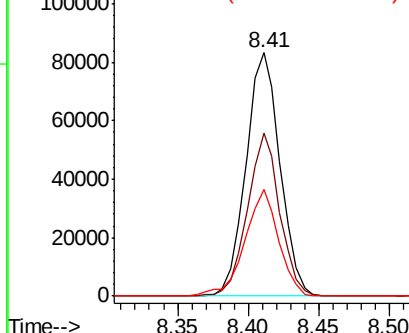


#14
 1,2-Dichlorobenzene
 Concen: 38.298 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion:146 Resp: 140540
 Ion Ratio Lower Upper
 146 100
 148 66.9 50.8 76.2
 111 44.0 33.4 50.0



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: 38.345 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

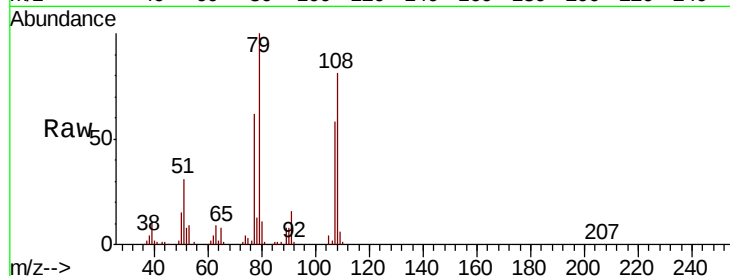
Tgt Ion: 79 Resp: 129220

Ion Ratio Lower Upper

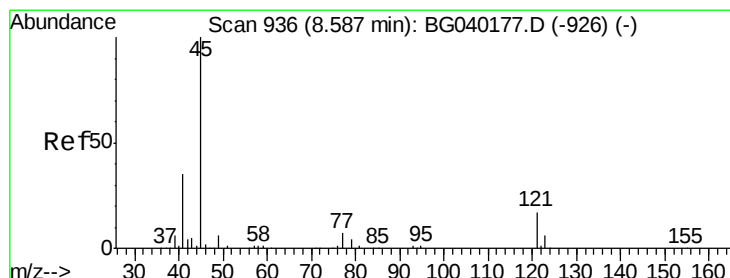
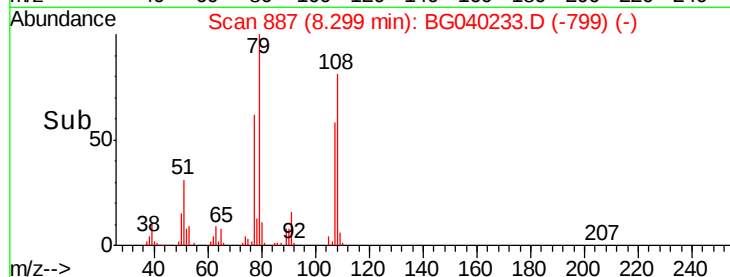
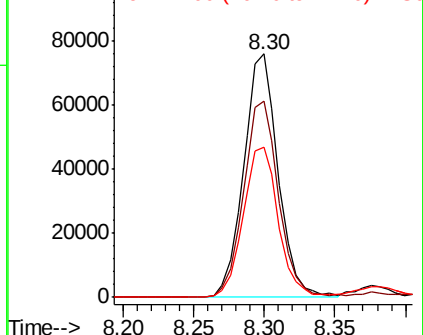
79 100

108 80.8 62.1 93.1

77 61.9 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.888 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

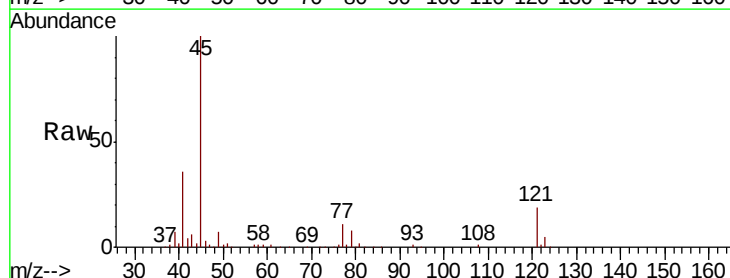
Tgt Ion: 45 Resp: 257534

Ion Ratio Lower Upper

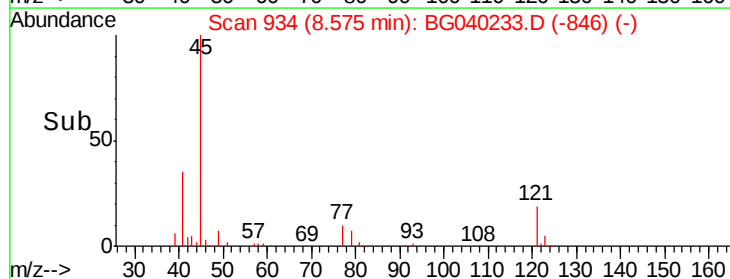
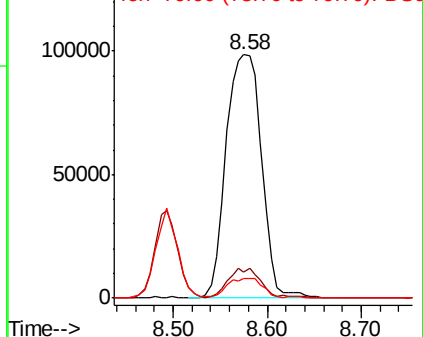
45 100

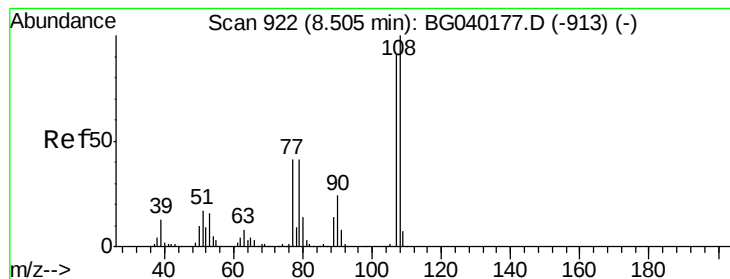
77 10.8 0.0 31.4

79 7.9 0.0 28.3



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





#17

2-Methylphenol

Concen: 42.616 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

Tgt Ion:107 Resp: 133937

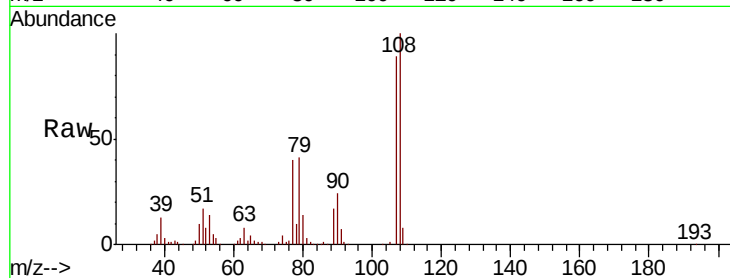
Ion Ratio Lower Upper

107 100

108 111.8 88.2 132.4

77 44.7 36.6 55.0

79 45.9 36.5 54.7



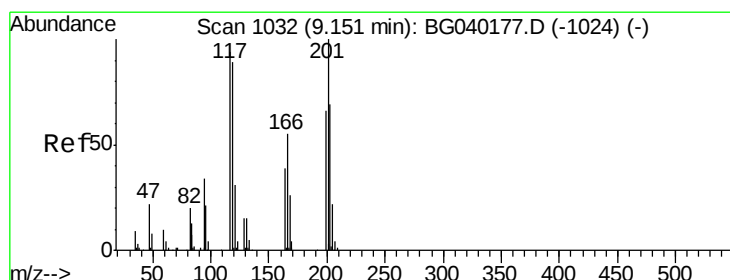
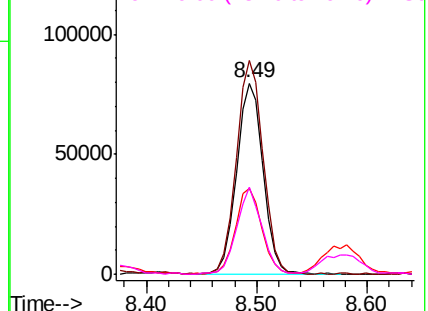
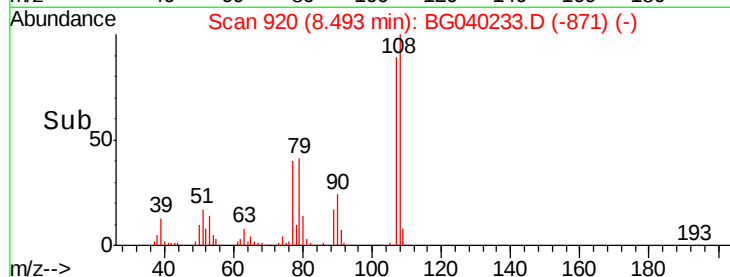
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.714 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

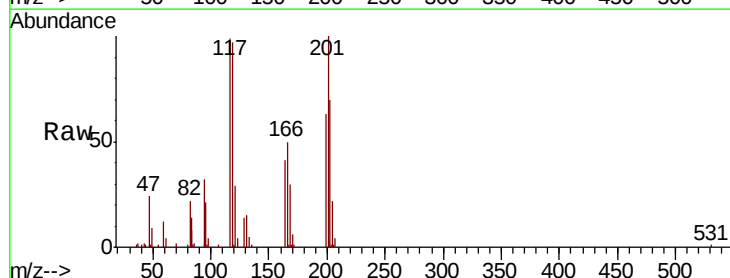
Tgt Ion:117 Resp: 53590

Ion Ratio Lower Upper

117 100

119 97.7 76.6 115.0

201 101.1 85.0 127.4

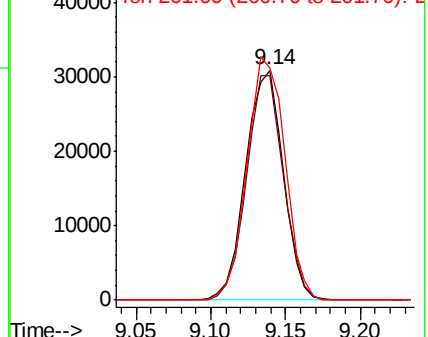
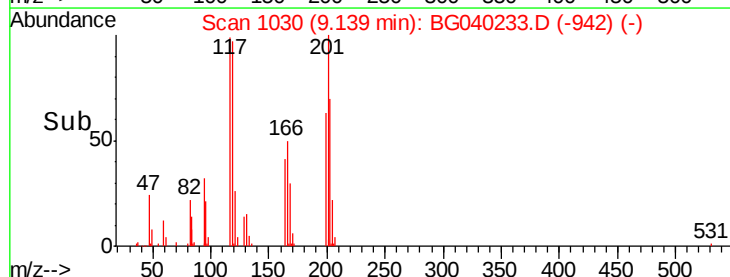


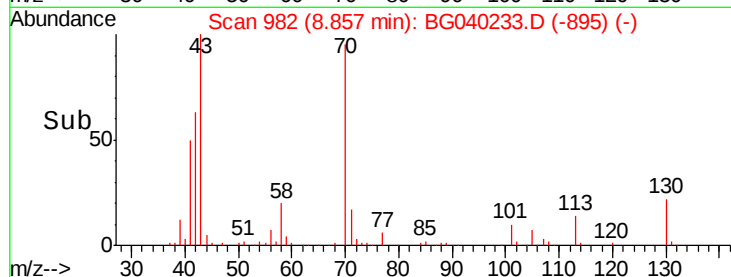
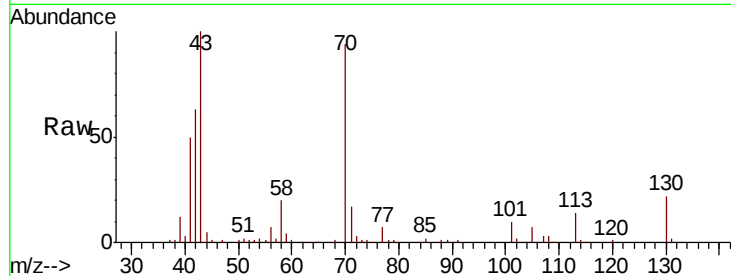
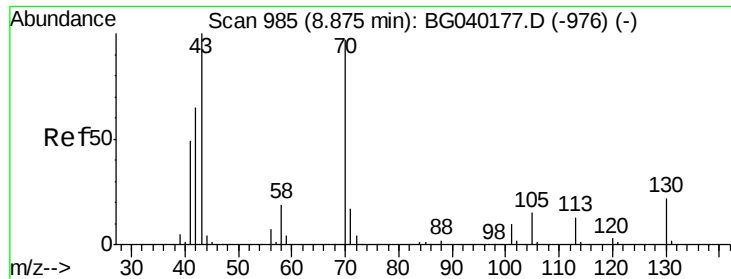
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

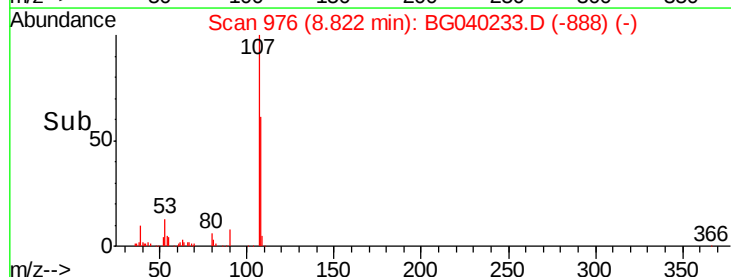
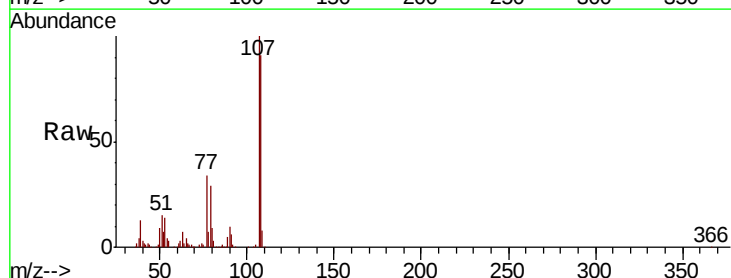
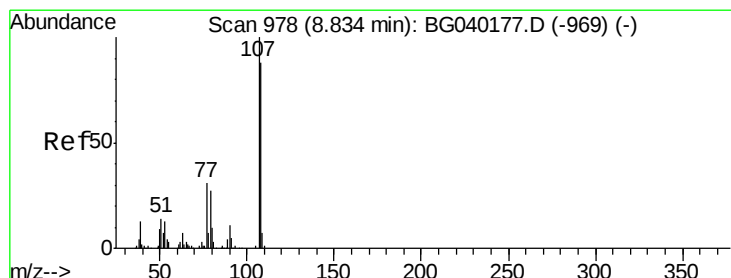
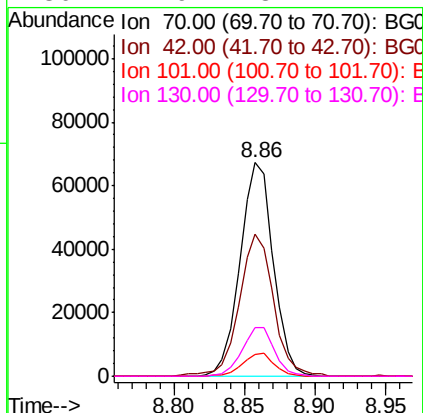




#19
n-Nitroso-di-n-propylamine
Concen: 36.892 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

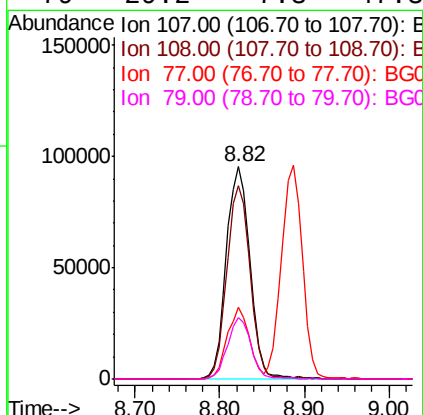
Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:	70	Resp:	110680
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.0	81.0
101	10.4	8.6	13.0
130	22.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.265 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:	107	Resp:	184205
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.3	108.3
77	33.6	11.3	51.3
79	29.2	7.3	47.3

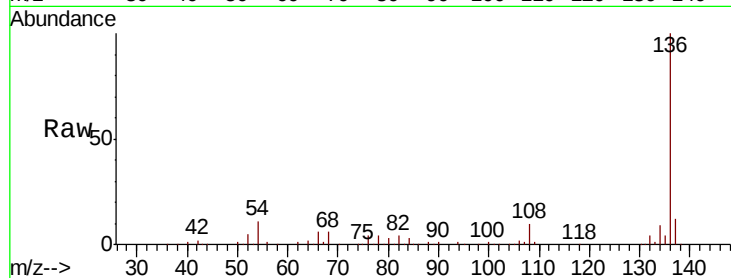




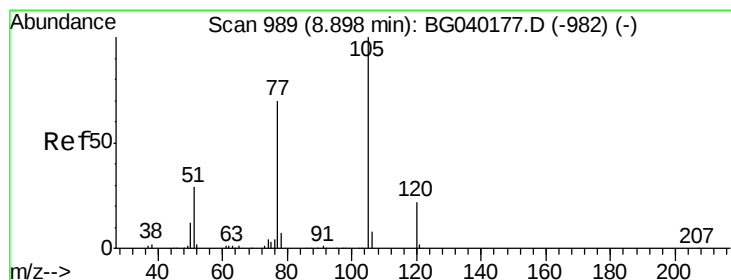
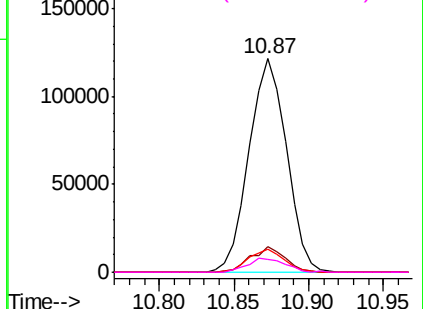
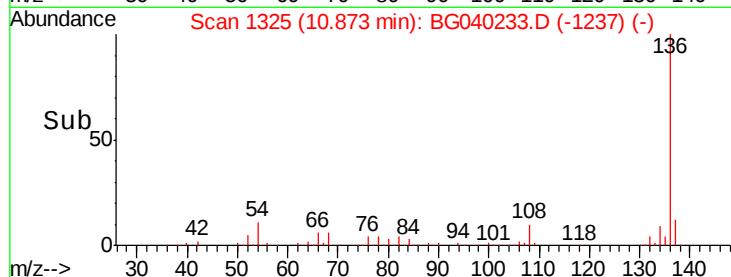
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:	136	Resp:	211645
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	10.9	9.6	14.4
68	5.9	5.1	7.7

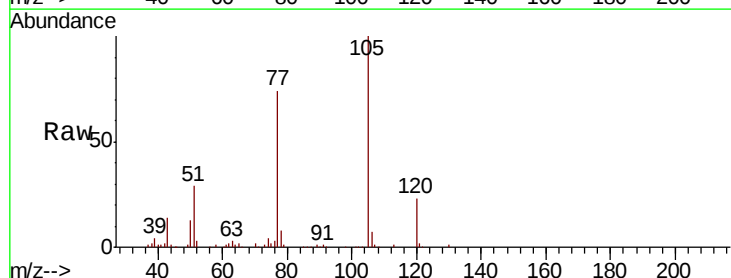


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

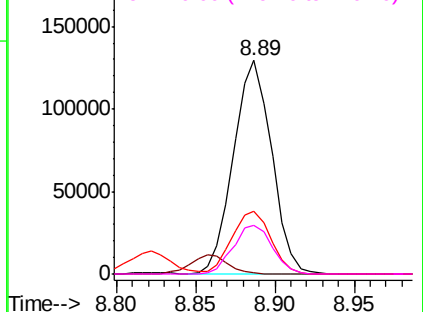
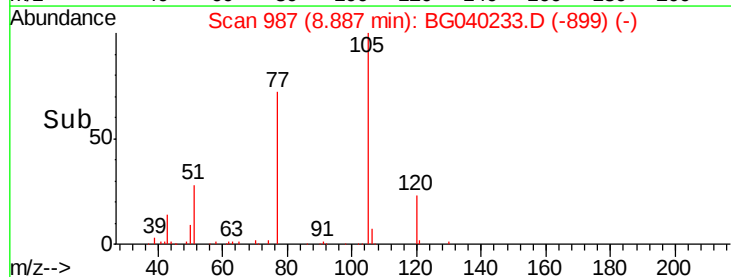


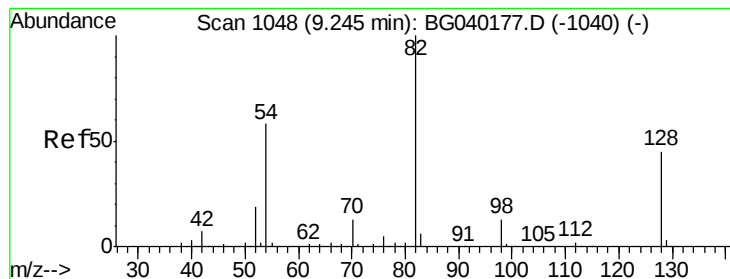
#22
Acetophenone
Concen: 40.907 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:	105	Resp:	215969
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	29.1	25.1	37.7
120	22.7	17.6	26.4



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: 86.126 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

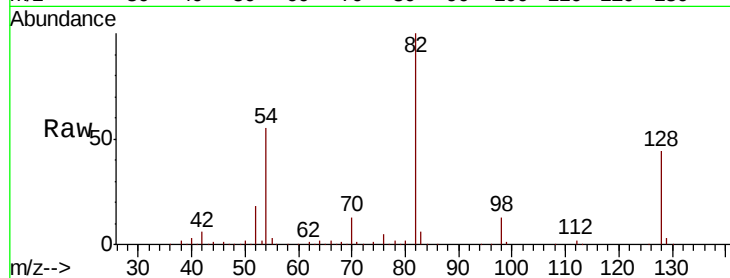
Tgt Ion: 82 Resp: 342936

Ion Ratio Lower Upper

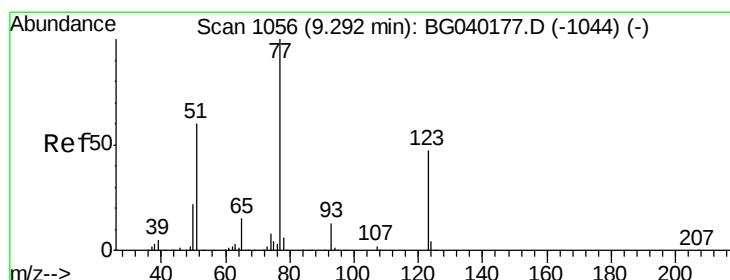
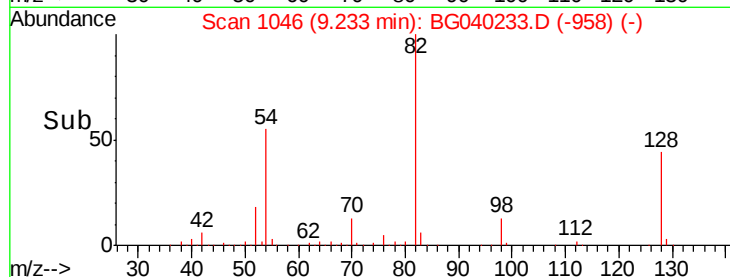
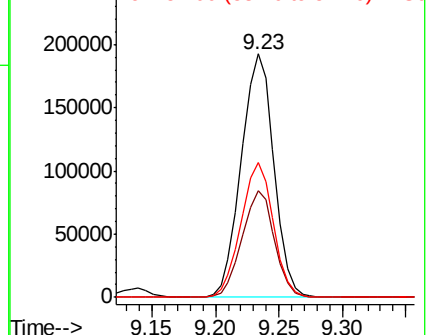
82 100

128 43.8 35.8 53.8

54 55.3 46.2 69.2



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: 39.842 ng

RT: 9.27 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

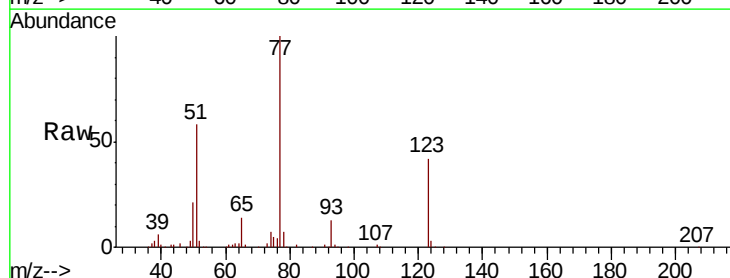
Tgt Ion: 77 Resp: 164277

Ion Ratio Lower Upper

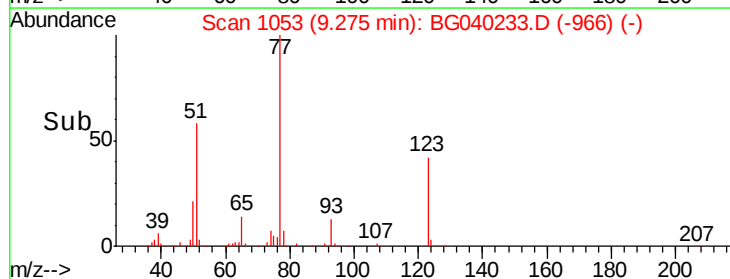
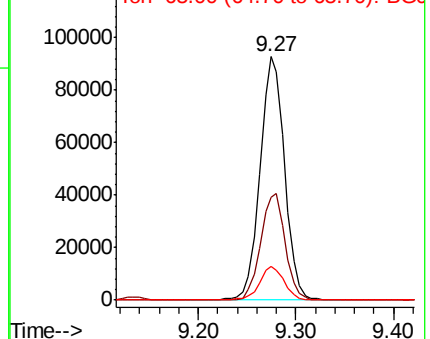
77 100

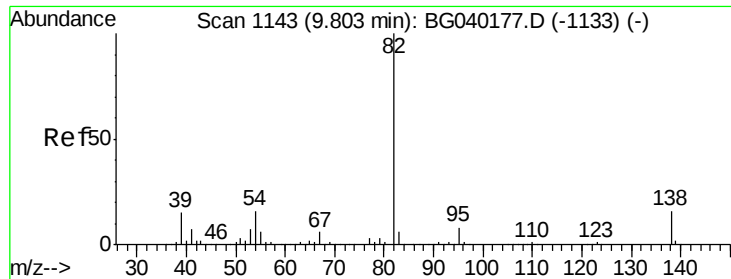
123 42.3 37.8 56.6

65 14.1 12.0 18.0



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

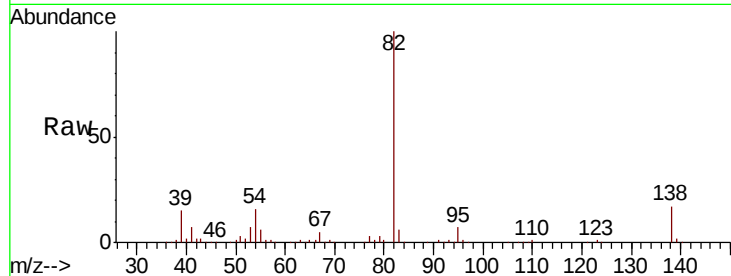




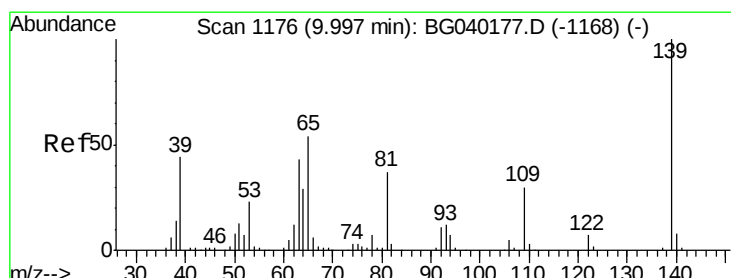
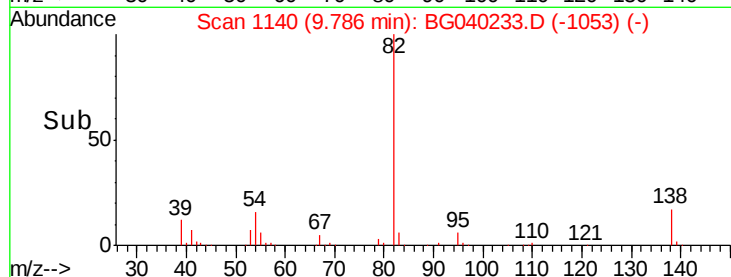
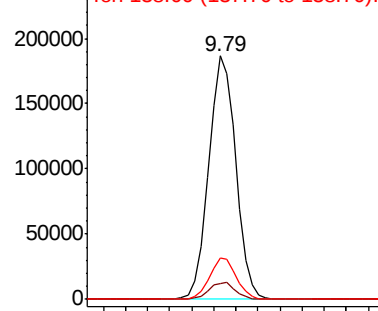
#25
Isophorone
Concen: 39.210 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion: 82 Resp: 321235
Ion Ratio Lower Upper
82 100
95 6.5 6.1 9.1
138 16.8 13.2 19.8

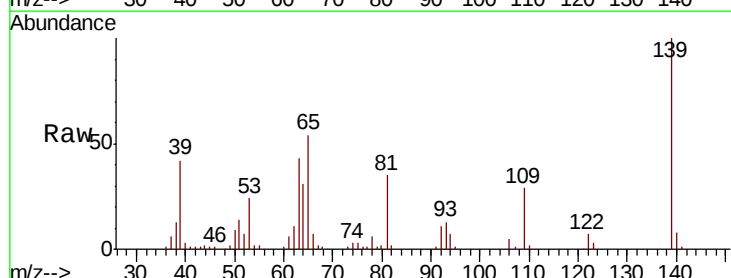


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

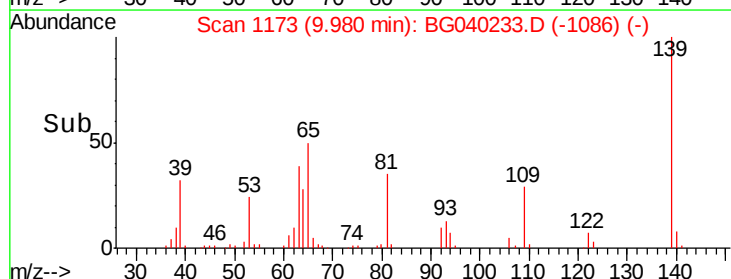
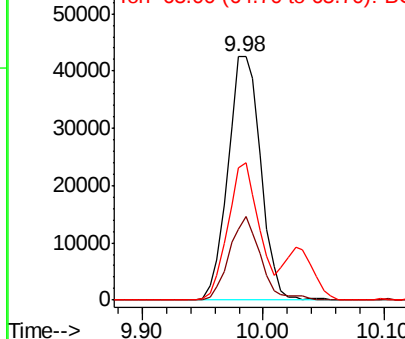


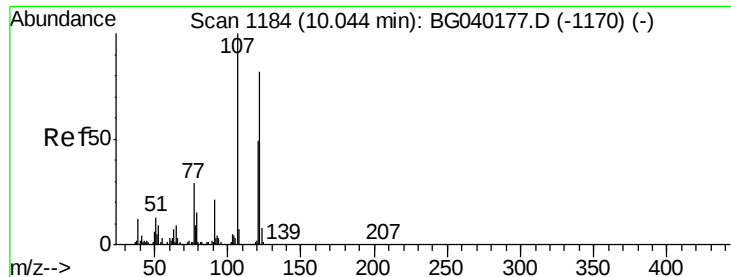
#26
2-Nitrophenol
Concen: 41.065 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 139 Resp: 80231
Ion Ratio Lower Upper
139 100
109 29.2 24.1 36.1
65 54.5 43.0 64.6



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

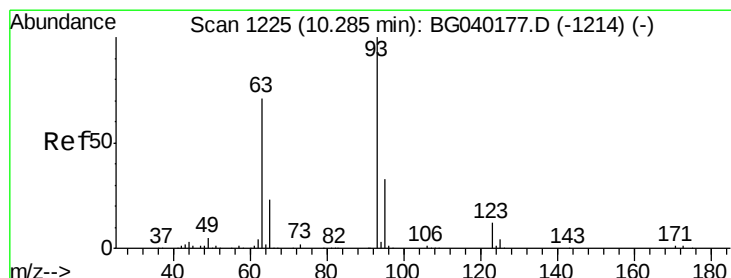
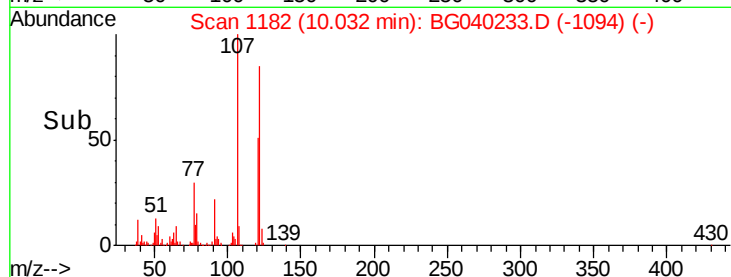
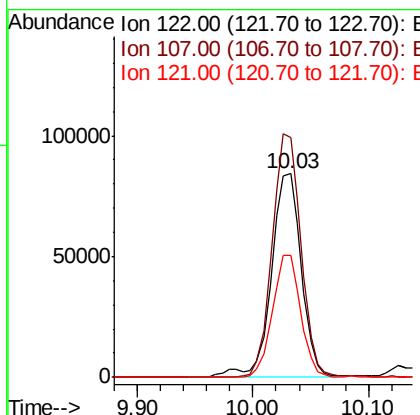
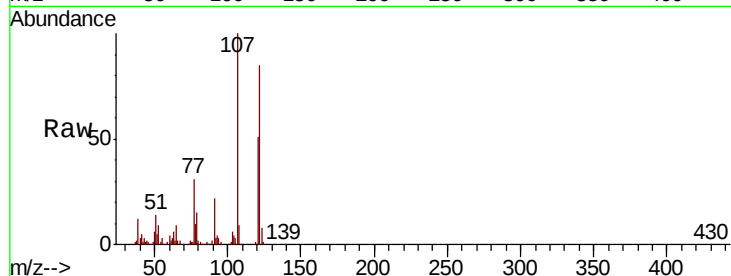




#27
2,4-Dimethylphenol
Concen: 48.998 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

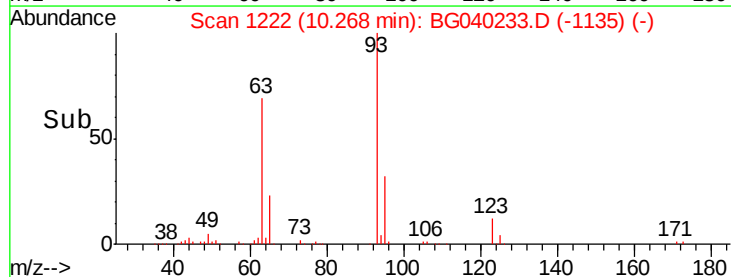
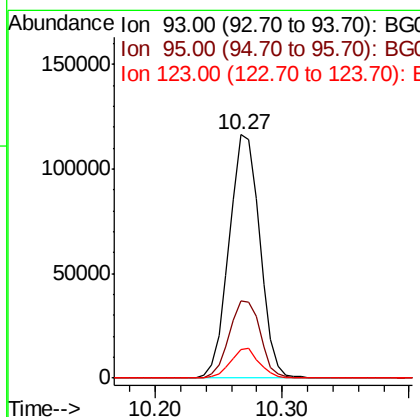
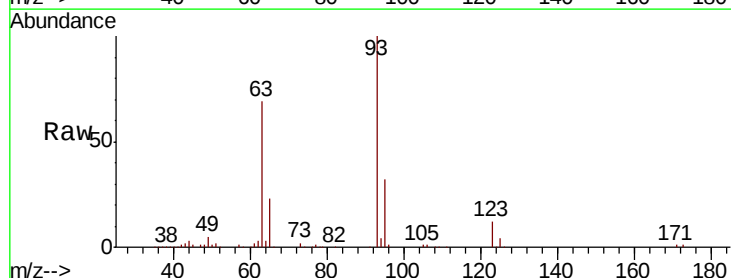
Instrument :
BNA_G
ClientSampleId :
PB118167BS

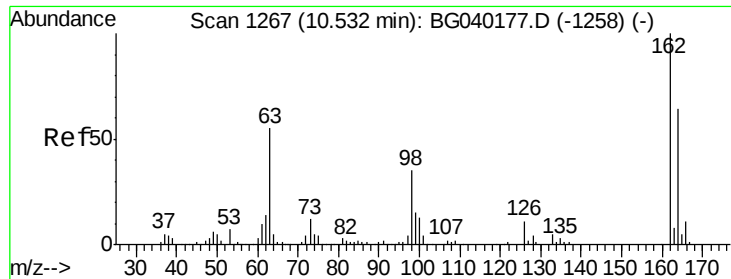
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	97.4	146.2
121	59.6	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.192 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	11.5	9.4	14.0

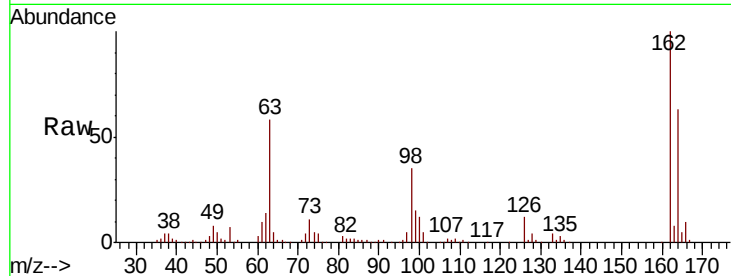




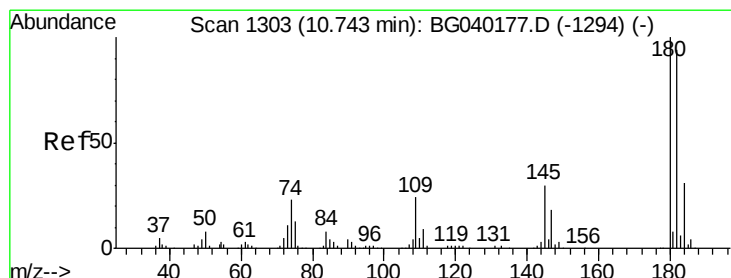
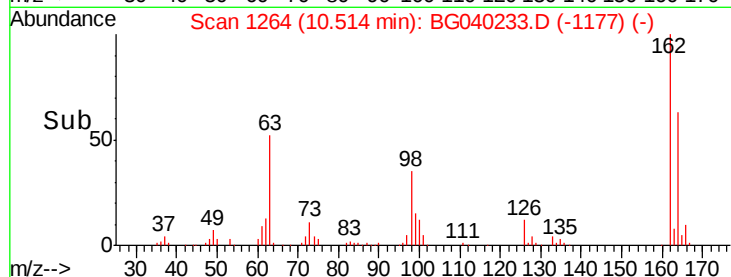
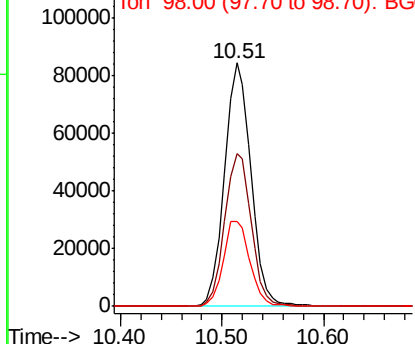
#29
 2,4-Dichlorophenol
 Concen: 45.290 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	34.8	15.6	55.6

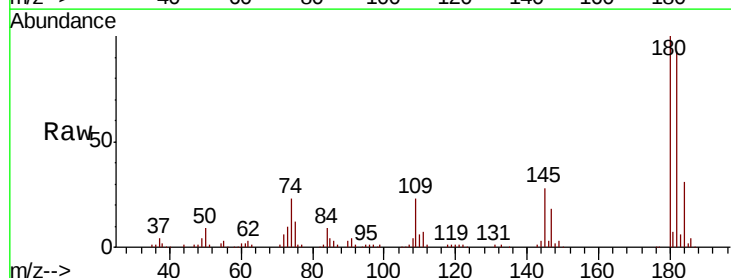


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

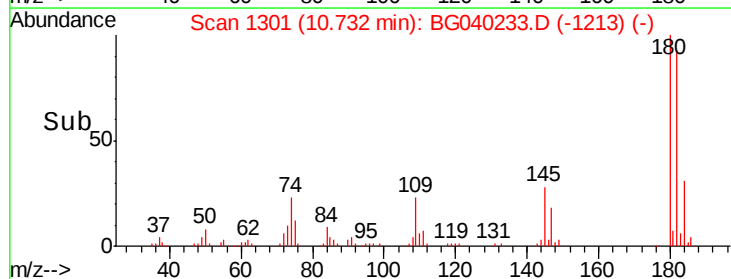
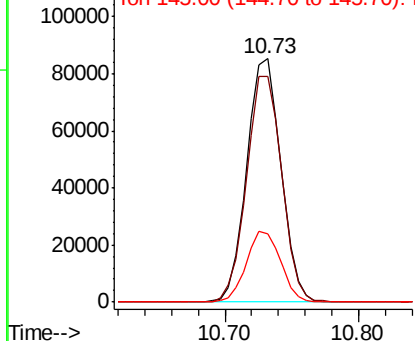


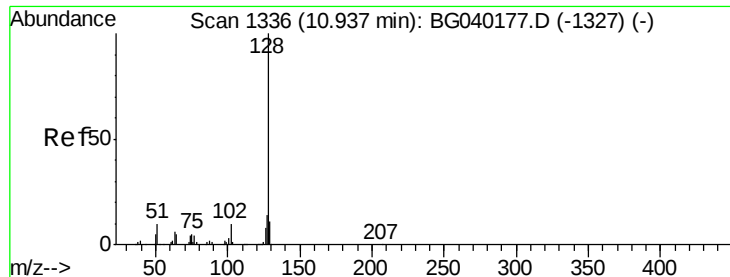
#30
 1,2,4-Trichlorobenzene
 Concen: 40.646 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.1	112.7
145	27.8	24.1	36.1



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

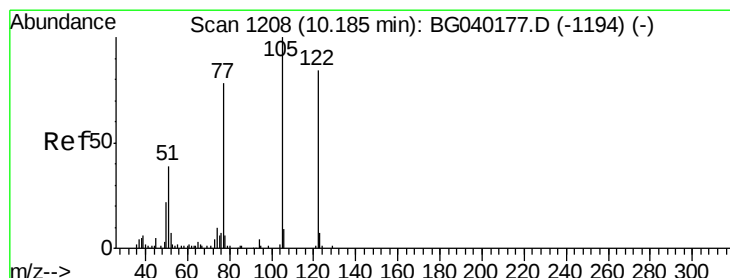
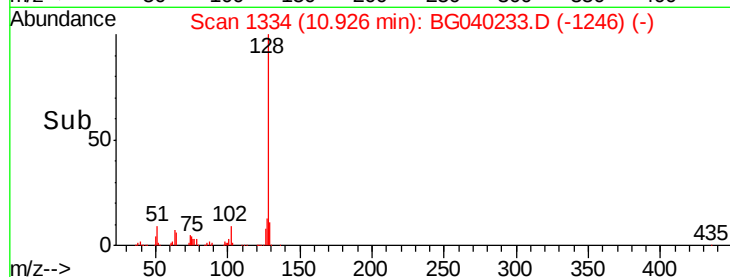
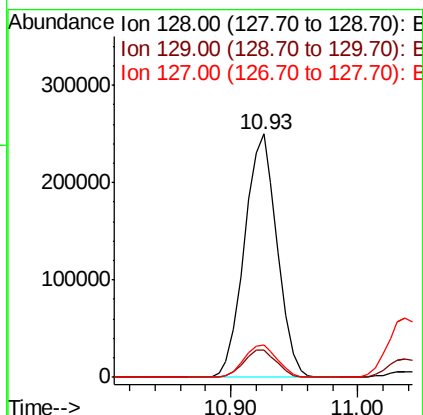
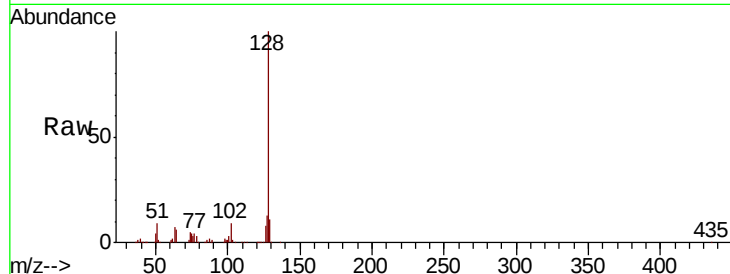




#31
Naphthalene
Concen: 41.034 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

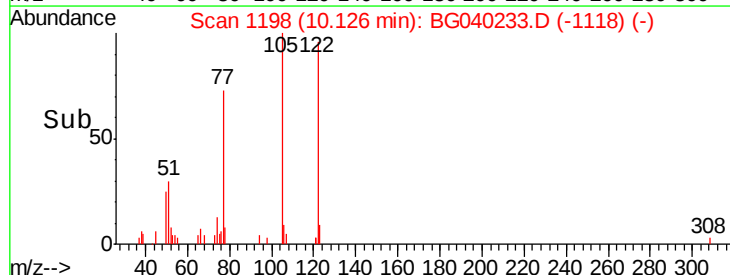
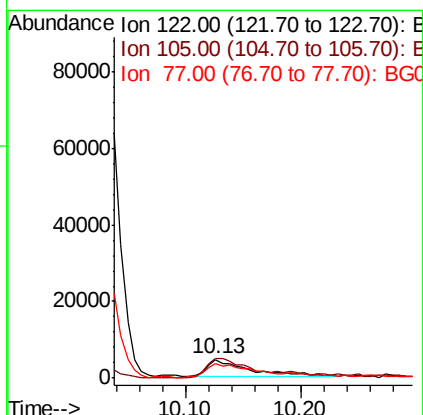
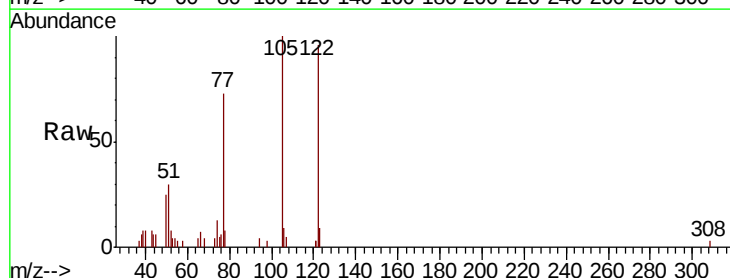
Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:128 Resp: 445152
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 5.945 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.06 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:122 Resp: 11147
Ion Ratio Lower Upper
122 100
105 104.4 98.2 138.2
77 76.3 73.6 113.6

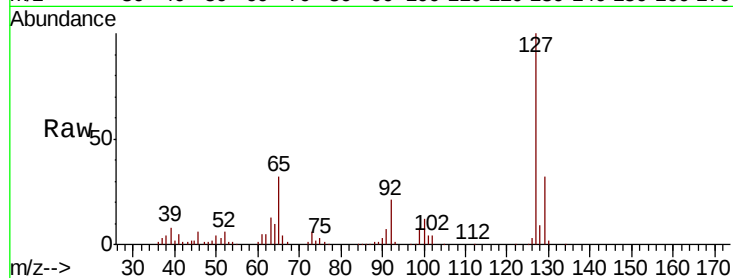




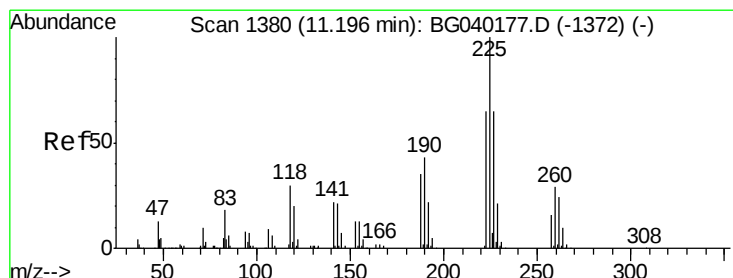
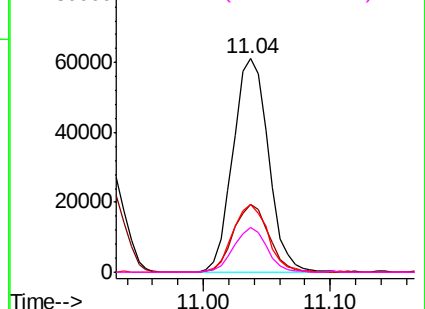
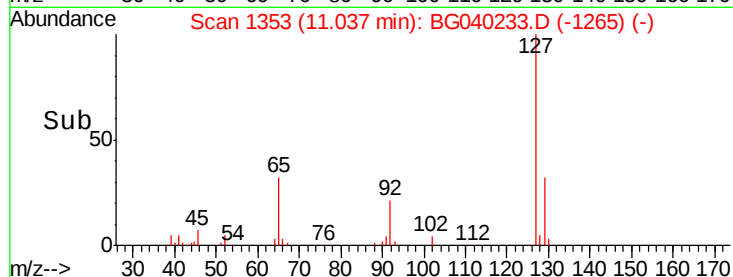
#33
4-Chloroaniline
Concen: 25.649 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:	127	Resp:	118688
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	32.0	27.0	40.4
92	21.0	16.6	25.0

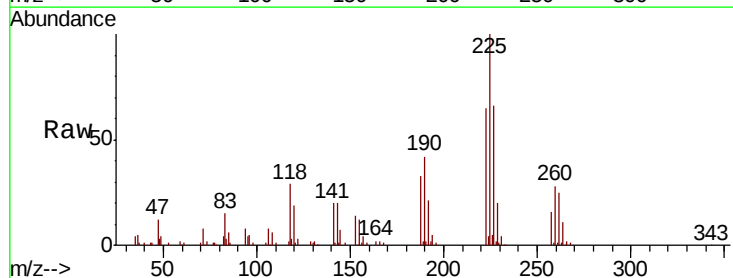


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

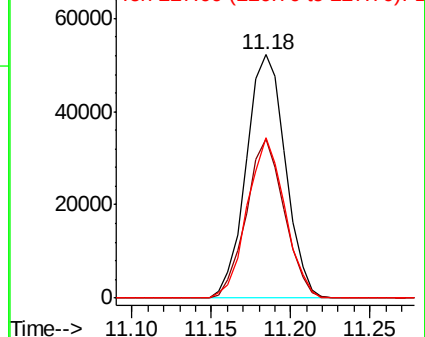
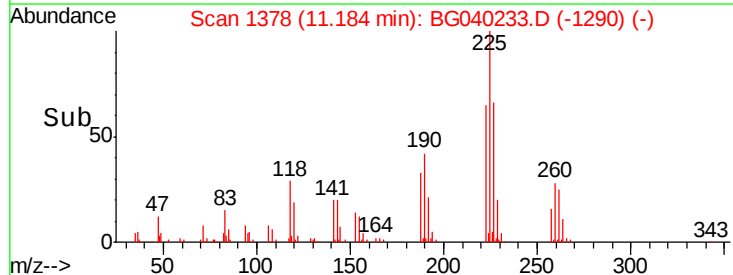


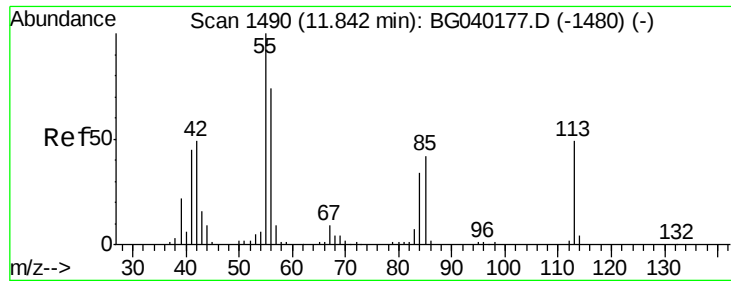
#34
Hexachlorobutadiene
Concen: 37.964 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:	225	Resp:	89806
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.8	77.8
227	65.9	54.9	82.3



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

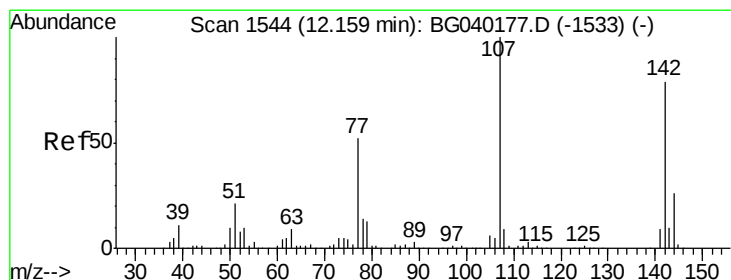
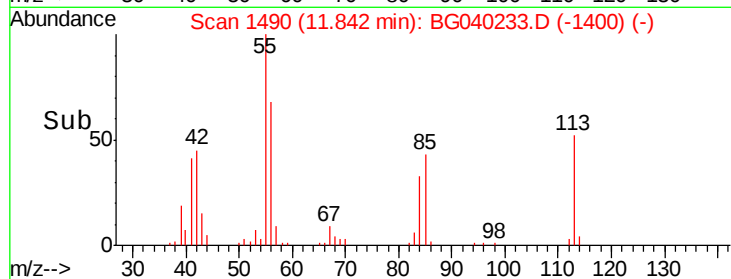
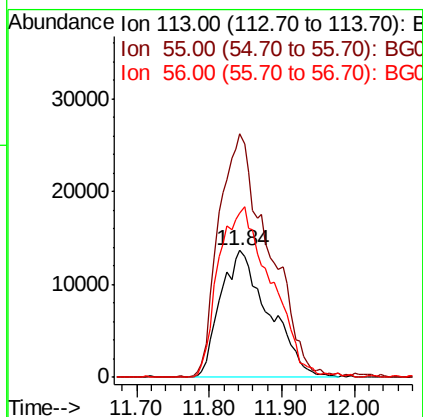
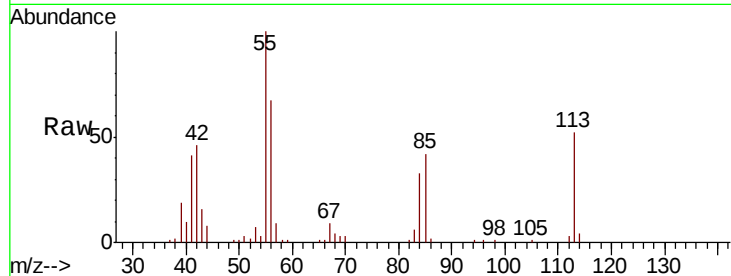




#35
 Caprolactam
 Concen: 47.336 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

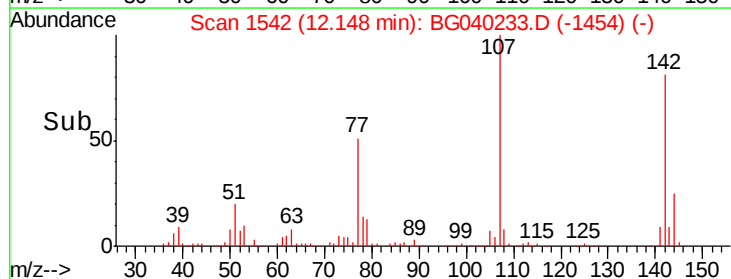
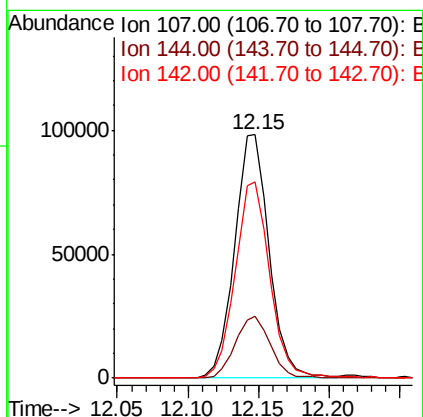
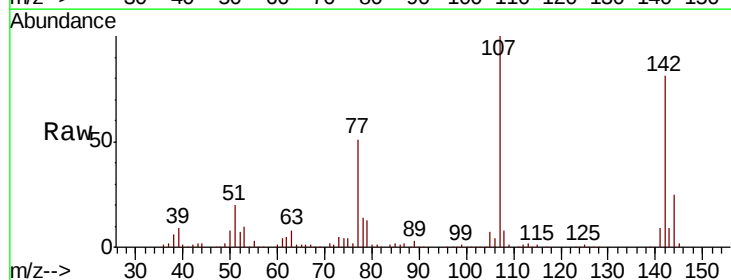
Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

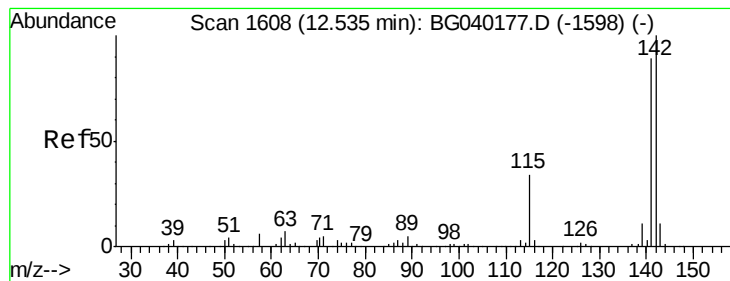
Tgt Ion:113 Resp: 63278
 Ion Ratio Lower Upper
 113 100
 55 192.3 184.2 224.2
 56 129.2 131.3 171.3#



#36
 4-Chloro-3-methylphenol
 Concen: 43.441 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion:107 Resp: 168227
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.477 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

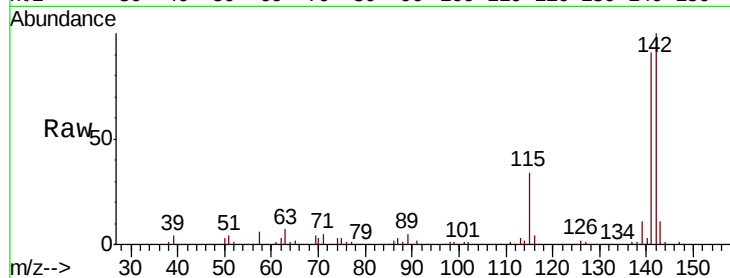
Tgt Ion:142 Resp: 340803

Ion Ratio Lower Upper

142 100

141 90.7 71.0 106.6

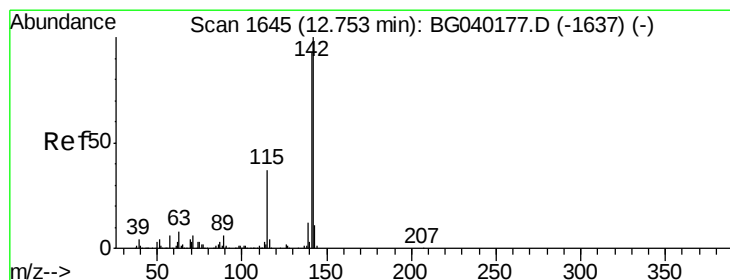
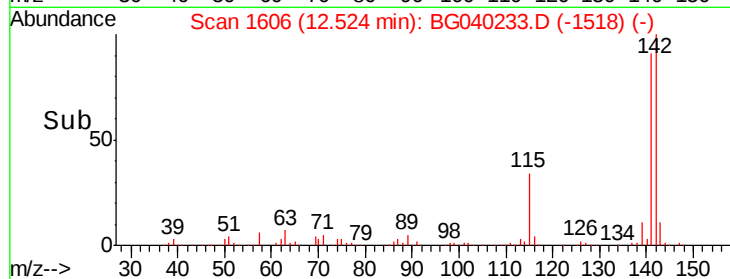
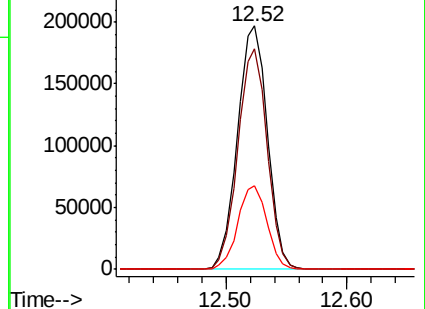
115 34.4 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.578 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

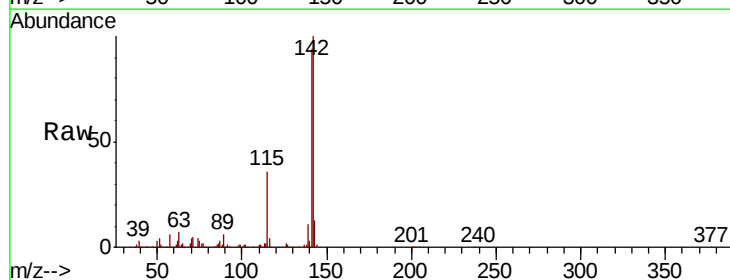
Tgt Ion:142 Resp: 323485

Ion Ratio Lower Upper

142 100

141 94.3 74.2 111.4

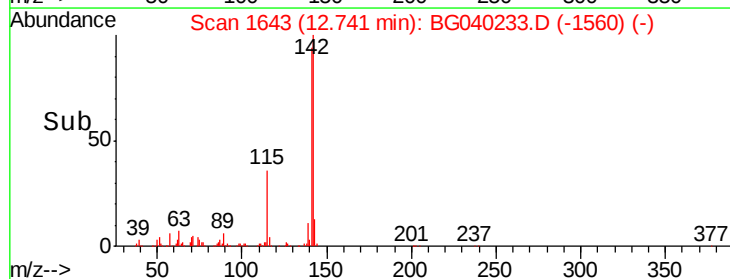
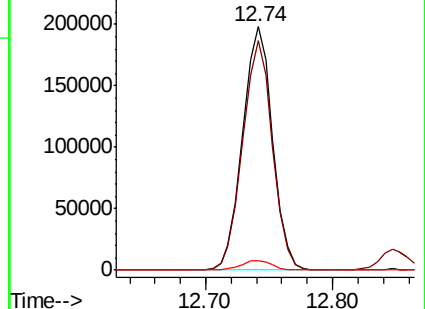
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

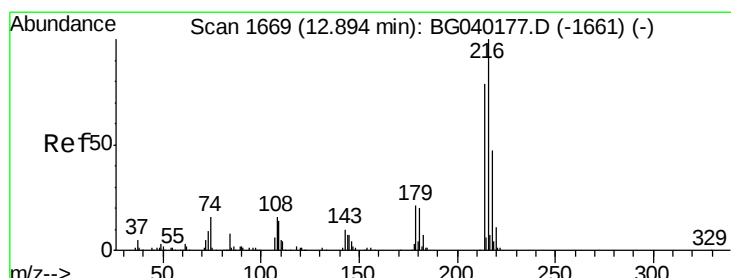
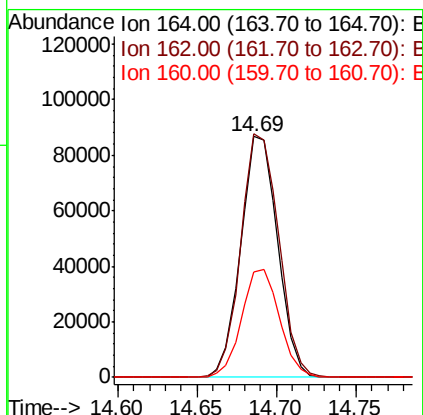
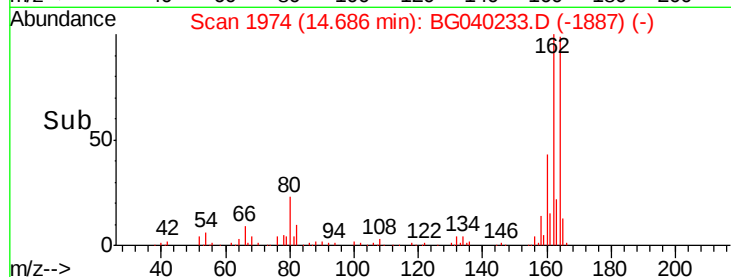
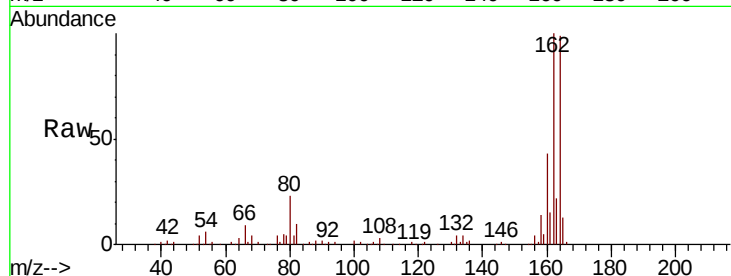
Tgt Ion:164 Resp: 140181

Ion Ratio Lower Upper

164 100

162 101.2 77.4 116.2

160 43.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.729 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:216 Resp: 172554

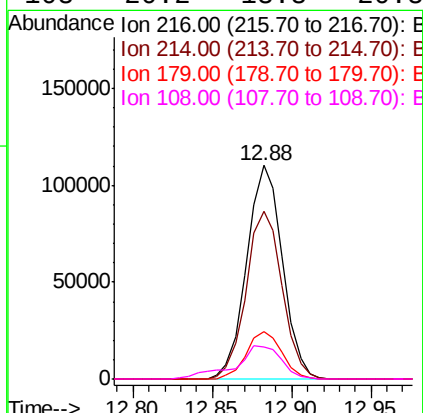
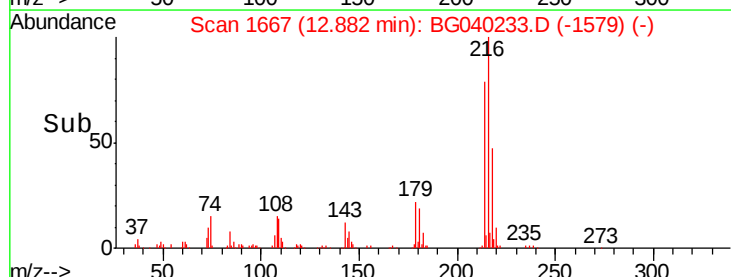
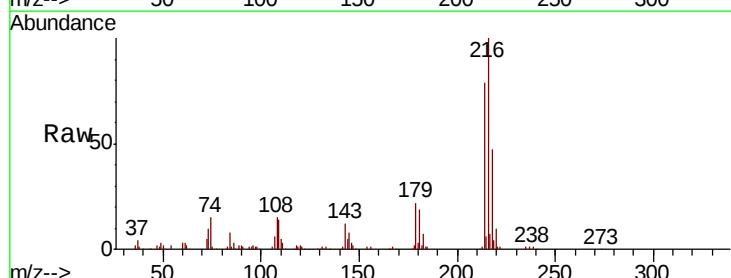
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.9 16.6 25.0

108 20.2 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 93.965 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

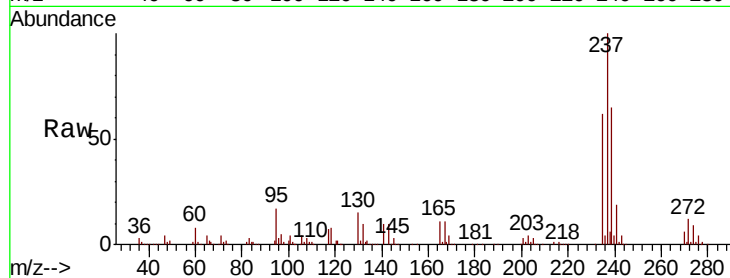
Tgt Ion: 237 Resp: 229872

Ion Ratio Lower Upper

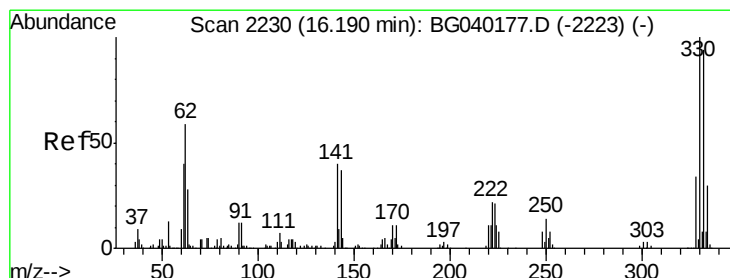
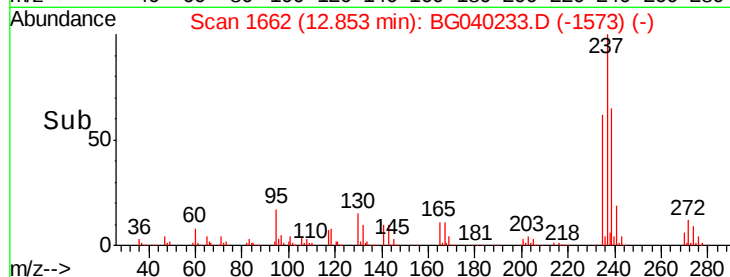
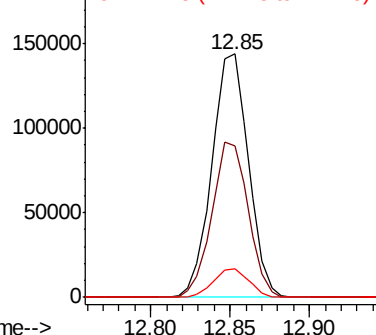
237 100

235 62.4 46.2 86.2

272 11.6 0.0 30.5



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: 147.499 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

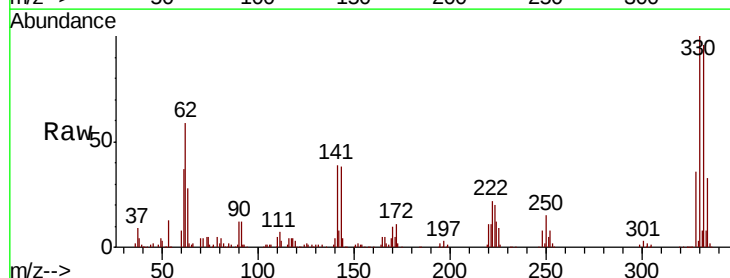
Tgt Ion: 330 Resp: 223459

Ion Ratio Lower Upper

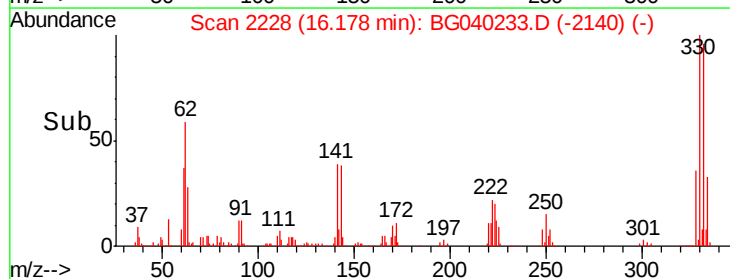
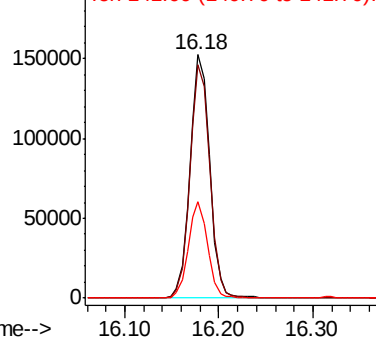
330 100

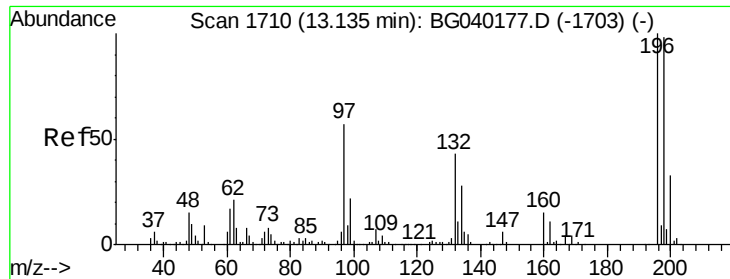
332 96.3 76.6 115.0

141 38.7 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

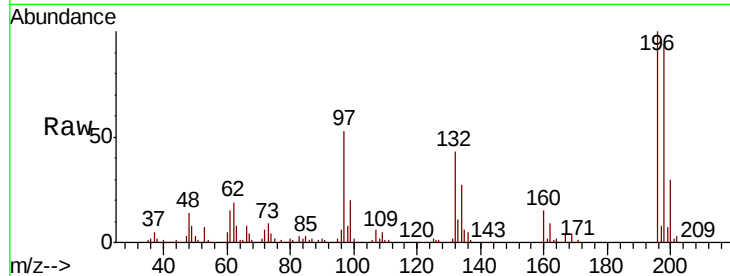




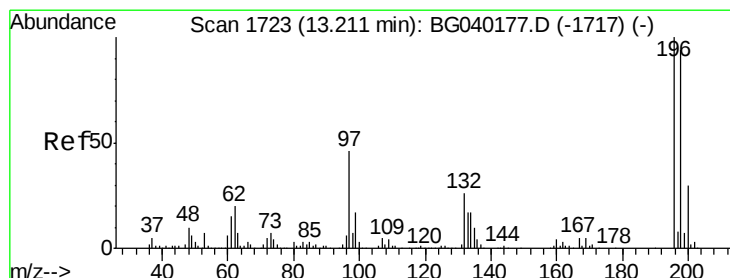
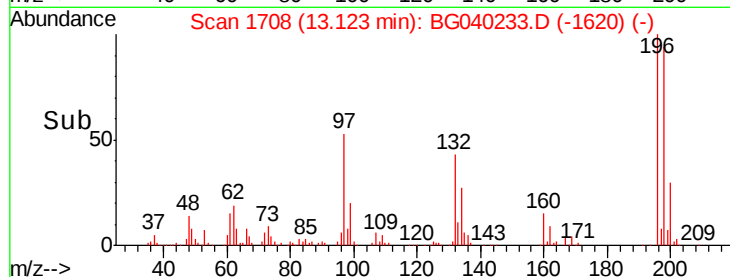
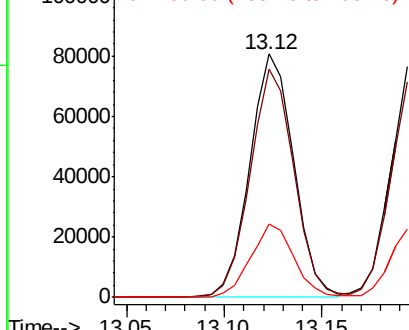
#43
 2,4,6-Trichlorophenol
 Concen: 43.716 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion:196 Resp: 125578
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.3 117.5
 200 30.4 26.0 39.0

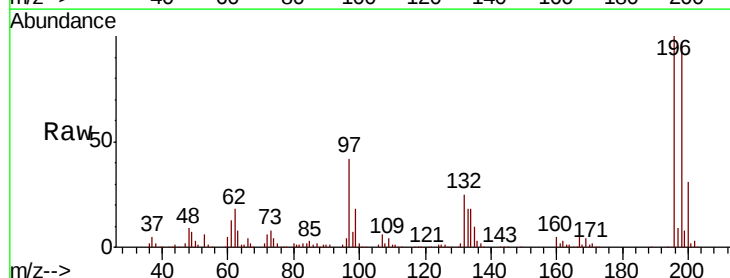


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

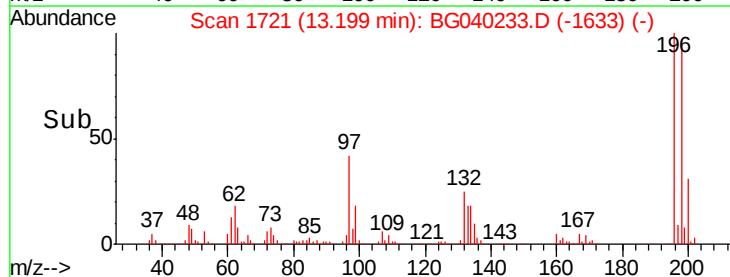
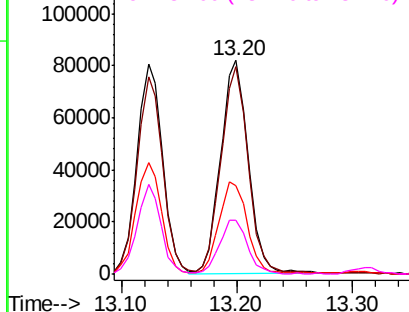


#44
 2,4,5-Trichlorophenol
 Concen: 43.434 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion:196 Resp: 135994
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.0 112.6
 97 41.5 37.3 55.9
 132 25.1 20.9 31.3



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

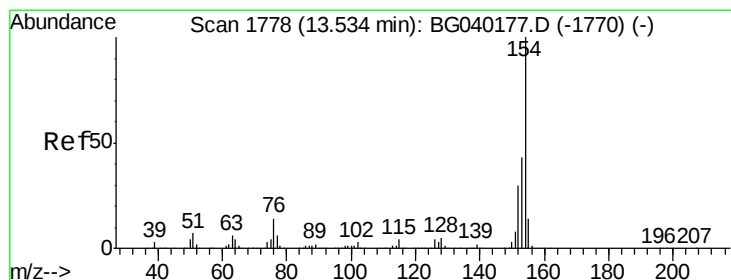
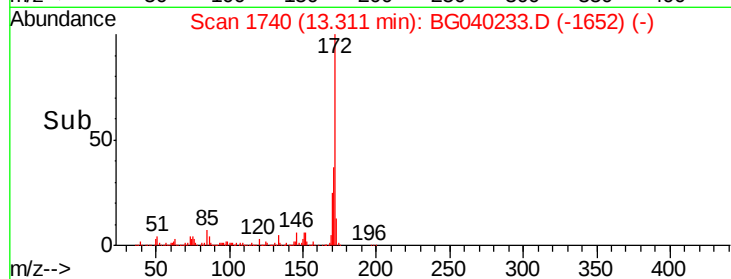
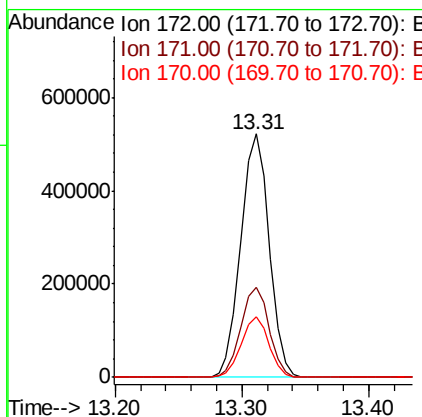
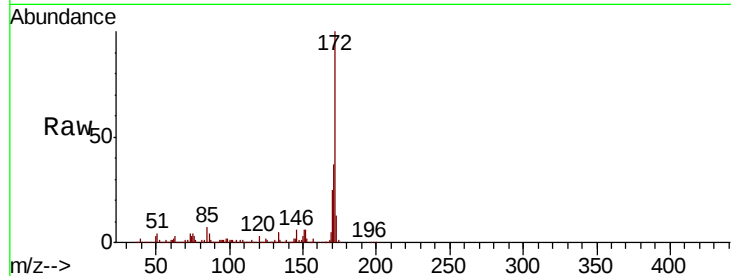




#45
2-Fluorobiphenyl
Concen: 85.679 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

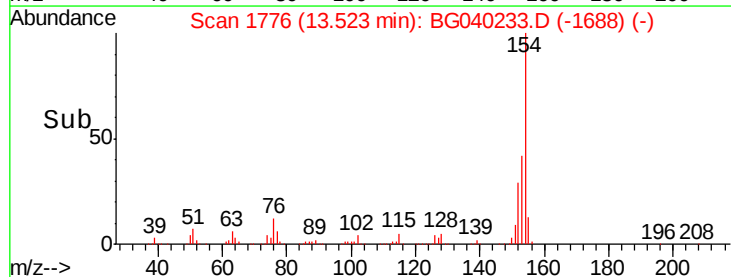
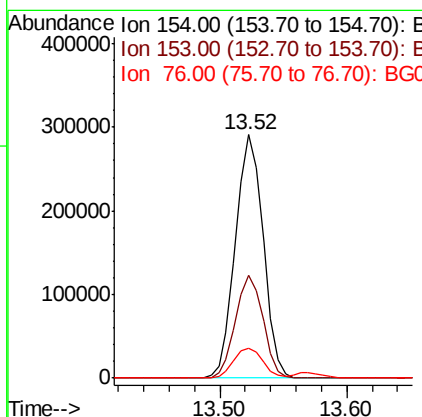
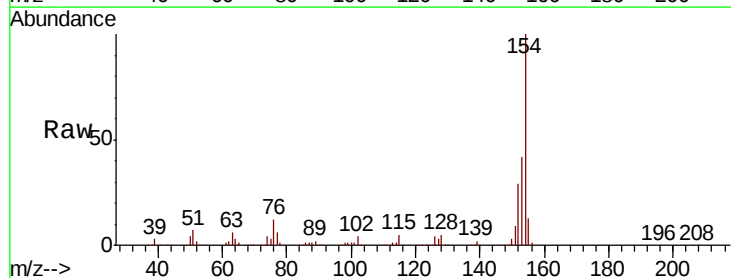
Instrument :
BNA_G
ClientSampleId :
PB118167BS

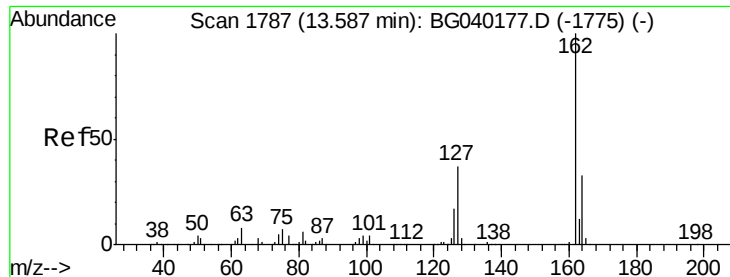
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	25.1	20.1	30.1



#46
1,1'-Biphenyl
Concen: 39.810 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	12.3	0.0	33.7

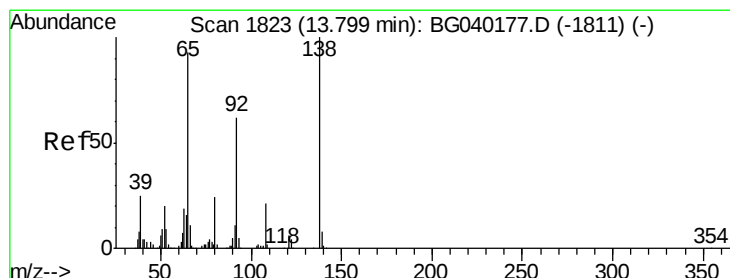
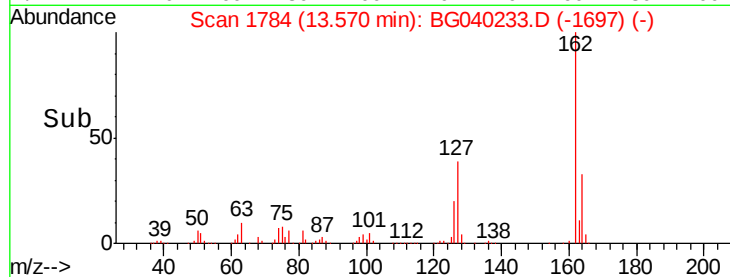
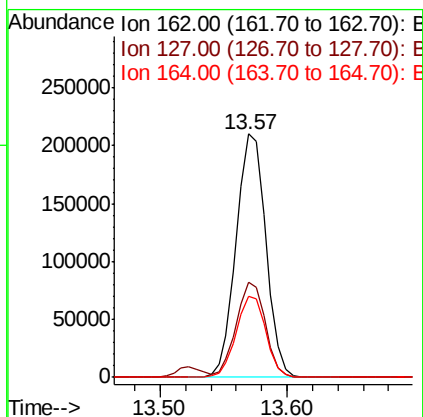
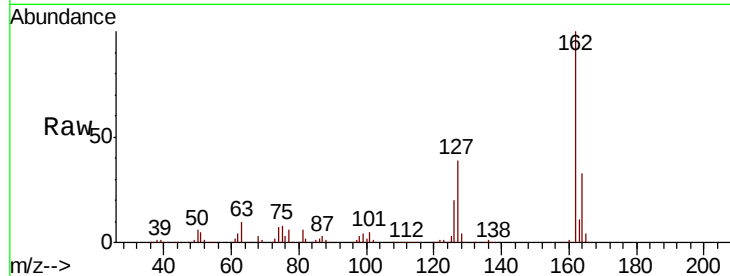




#47
 2-Chloronaphthalene
 Concen: 40.110 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

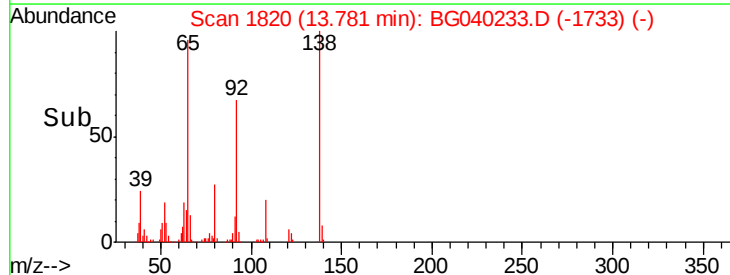
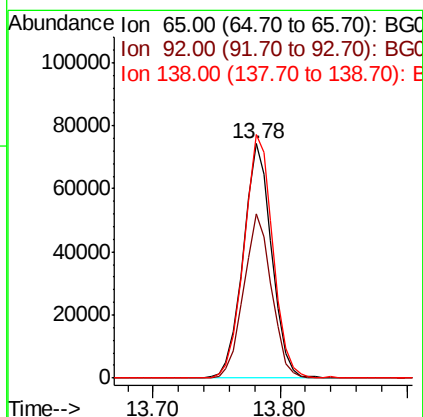
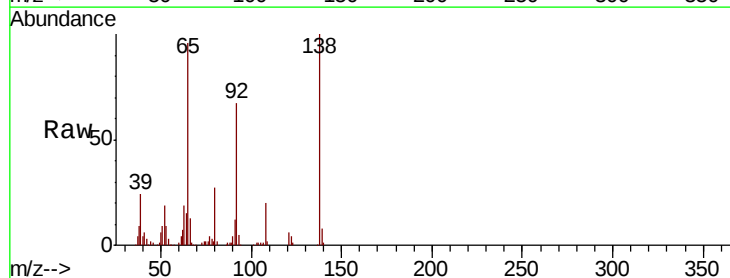
Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

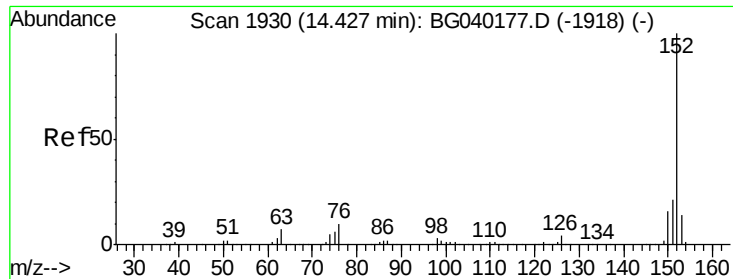
Tgt Ion: 162 Resp: 340779
 Ion Ratio Lower Upper
 162 100
 127 39.2 30.6 45.8
 164 33.4 26.2 39.4



#48
 2-Nitroaniline
 Concen: 40.363 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion: 65 Resp: 115671
 Ion Ratio Lower Upper
 65 100
 92 70.1 53.8 80.6
 138 104.0 86.3 129.5





#49

Acenaphthylene

Concen: 40.324 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

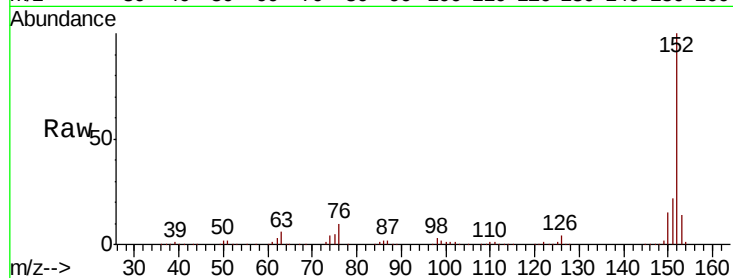
Tgt Ion:152 Resp: 580870

Ion Ratio Lower Upper

152 100

151 21.9 17.0 25.6

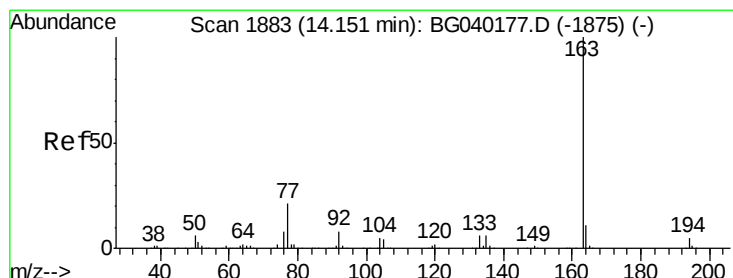
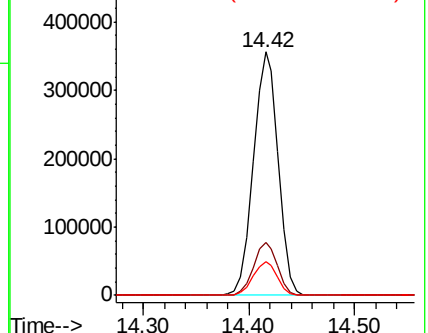
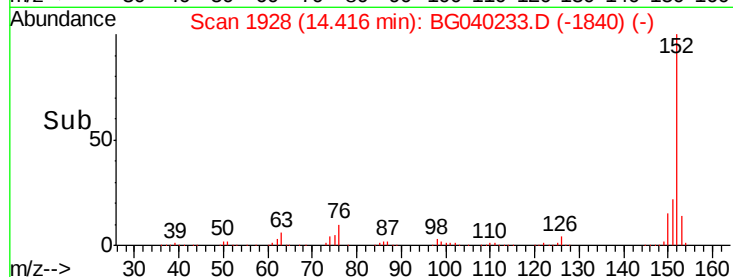
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.995 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

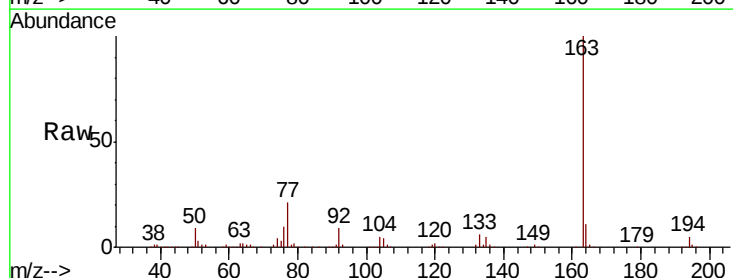
Tgt Ion:163 Resp: 460736

Ion Ratio Lower Upper

163 100

194 5.5 4.1 6.1

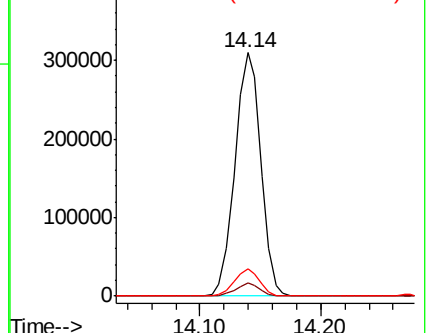
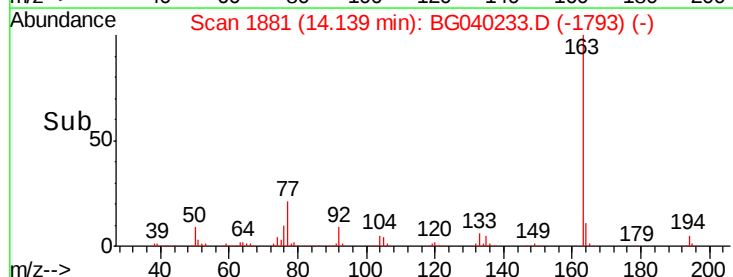
164 11.0 8.6 13.0

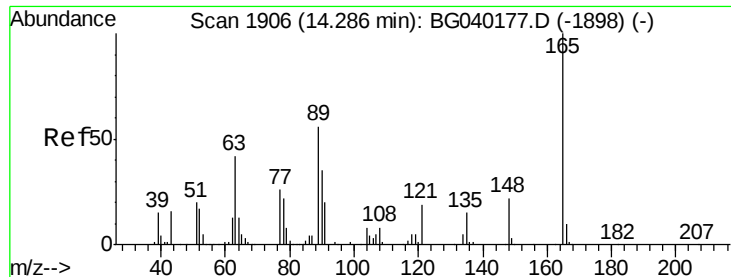


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

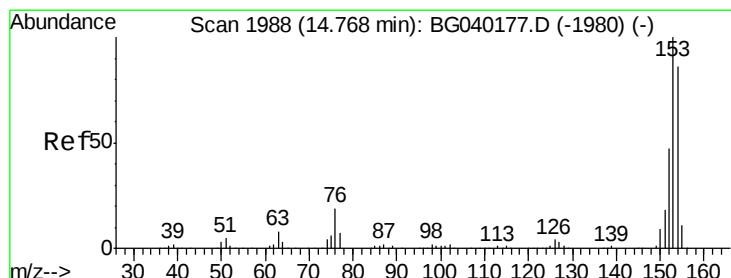
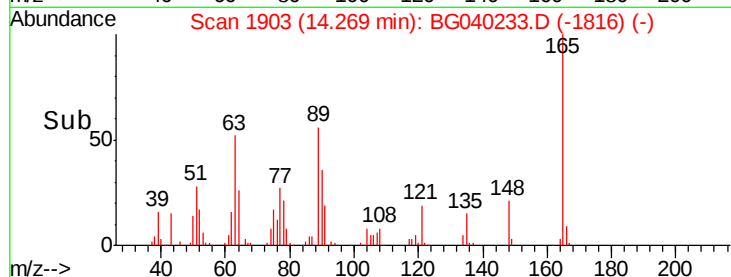
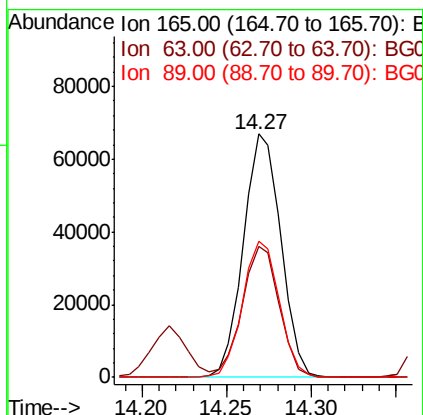
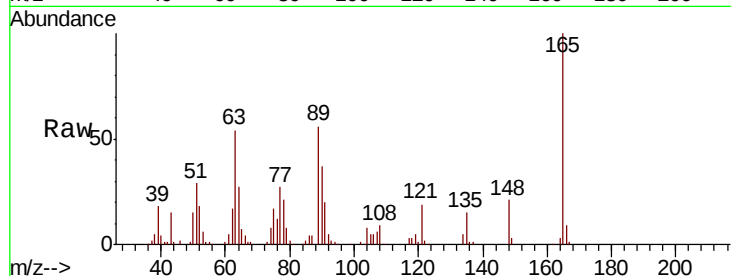




#51
 2,6-Dinitrotoluene
 Concen: 41.934 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

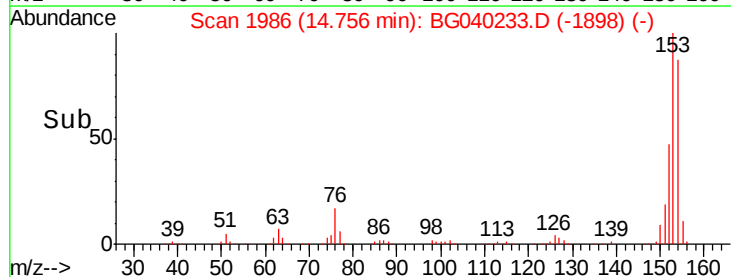
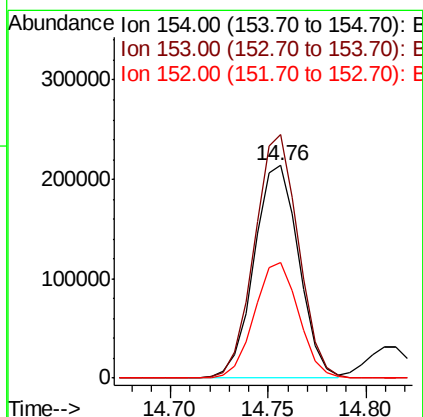
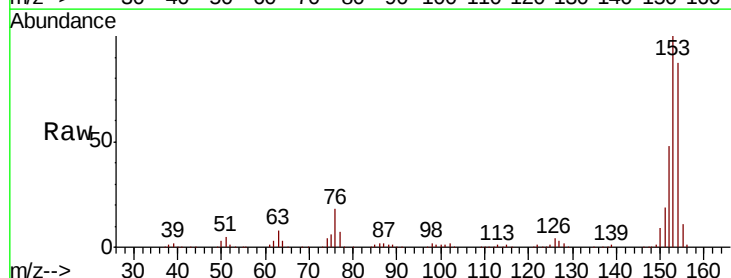
Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion:165 Resp: 103300
 Ion Ratio Lower Upper
 165 100
 63 53.6 44.1 66.1
 89 55.8 44.9 67.3



#52
 Acenaphthene
 Concen: 41.026 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion:154 Resp: 338639
 Ion Ratio Lower Upper
 154 100
 153 114.5 92.8 139.2
 152 54.5 43.4 65.2

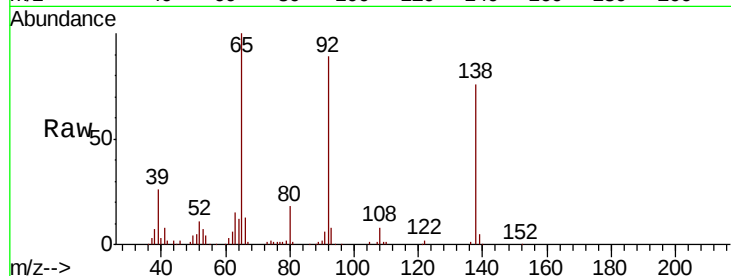




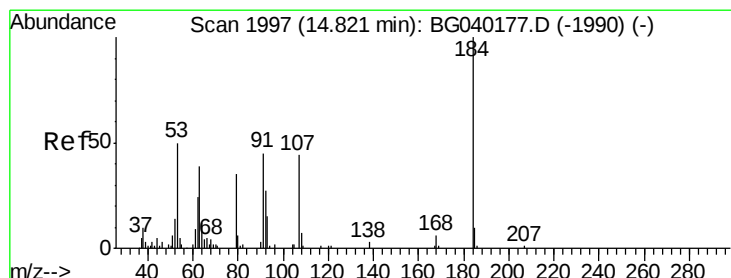
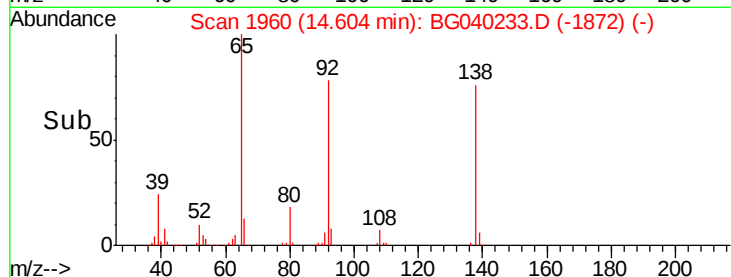
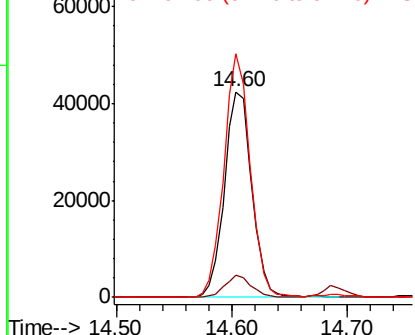
#53
3-Nitroaniline
Concen: 26.837 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:138 Resp: 69981
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.8
92 118.4 87.5 131.3

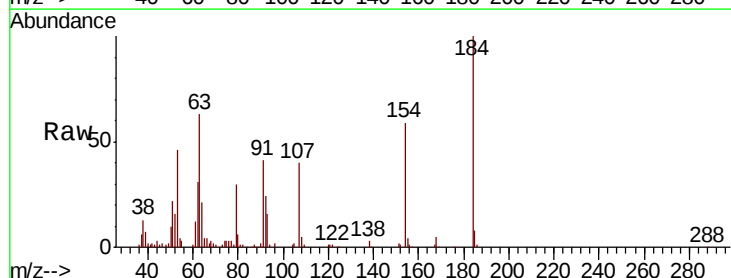


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

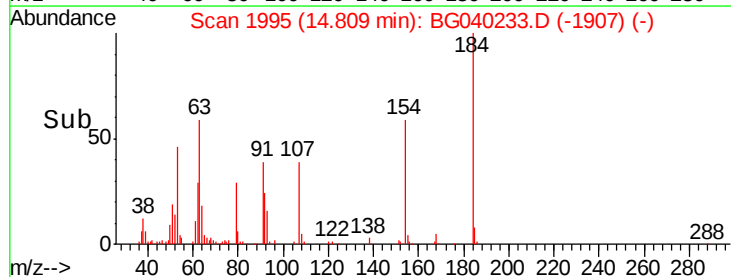
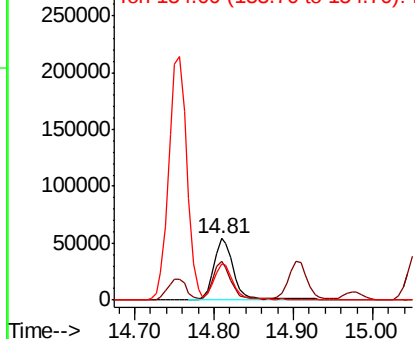


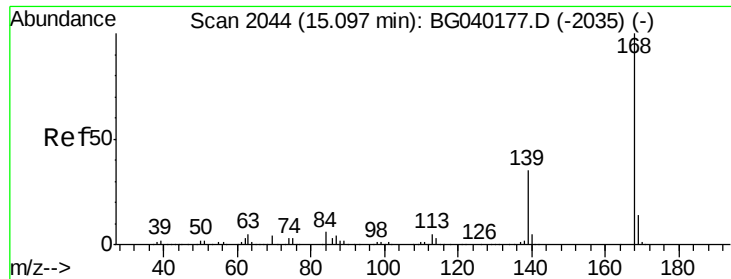
#54
2,4-Dinitrophenol
Concen: 73.658 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:184 Resp: 96499
Ion Ratio Lower Upper
184 100
63 63.1 51.8 77.8
154 59.3 50.9 76.3



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





#55

Dibenzenofuran

Concen: 41.723 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

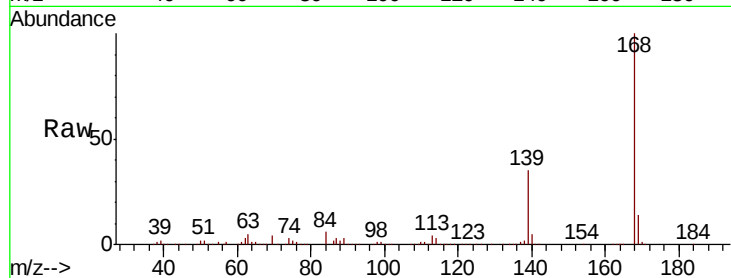
Tgt Ion:168 Resp: 553393

Ion Ratio Lower Upper

168 100

139 35.3 27.9 41.9

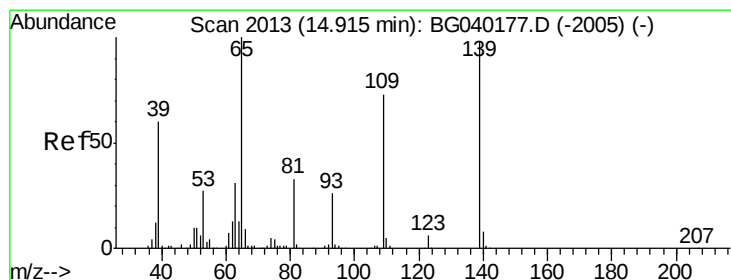
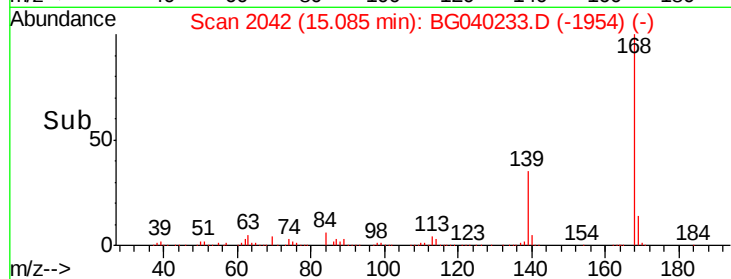
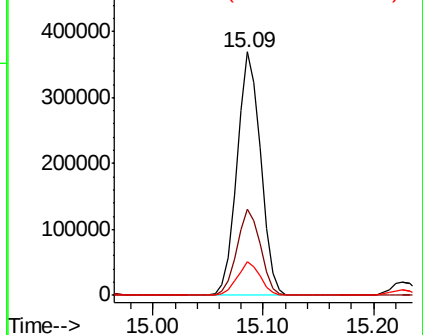
169 13.8 11.3 16.9



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: 87.321 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

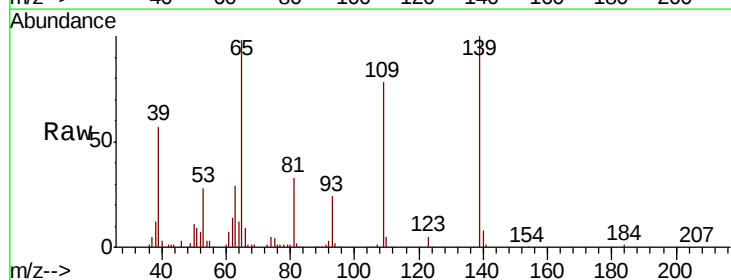
Tgt Ion:139 Resp: 183771

Ion Ratio Lower Upper

139 100

109 77.8 54.3 94.3

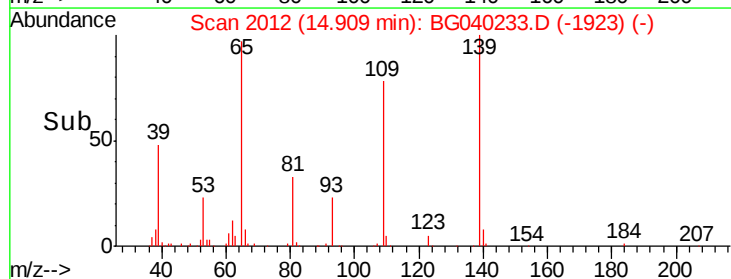
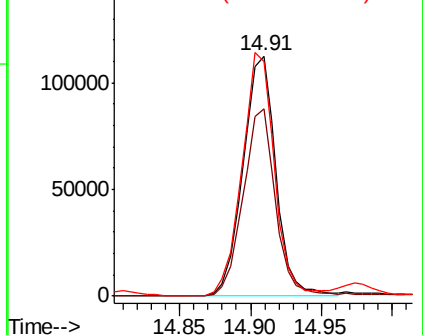
65 97.8 82.5 122.5

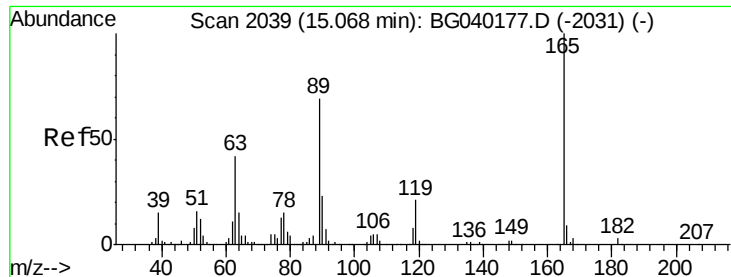


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

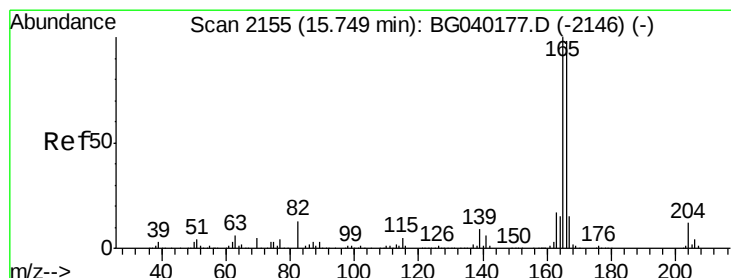
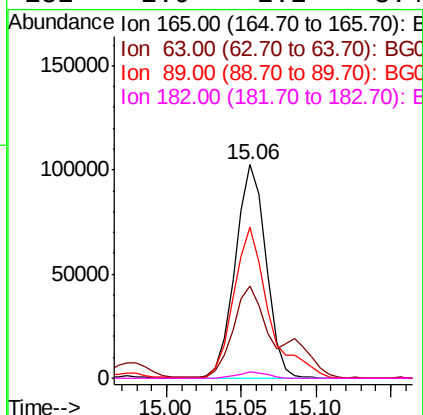
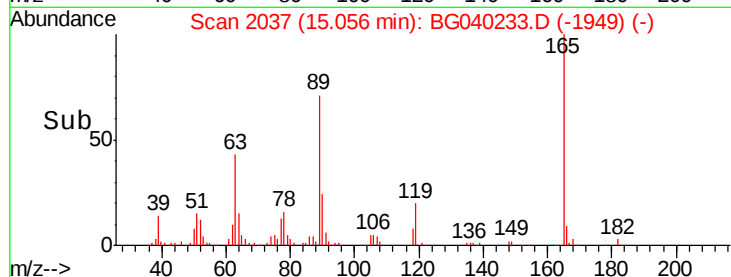
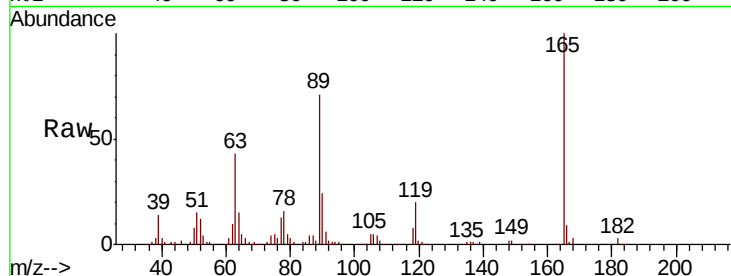




#57
2,4-Dinitrotoluene
Concen: 43.034 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

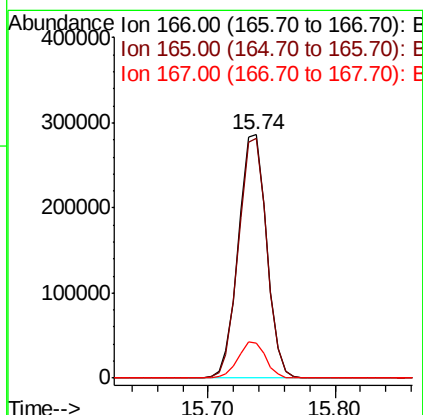
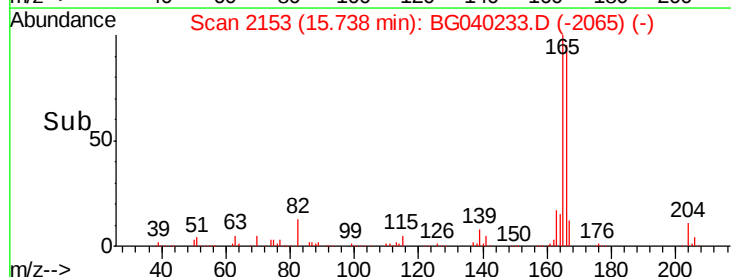
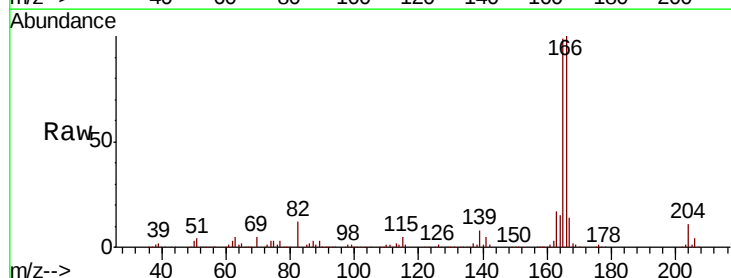
Instrument :
BNA_G
ClientSampleId :
PB118167BS

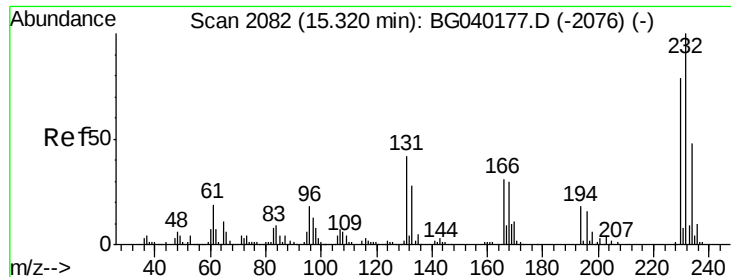
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	33.8	50.6
89	70.9	55.4	83.2
182	2.9	2.2	3.4



#58
Fluorene
Concen: 42.210 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	81.7	122.5
167	14.3	11.9	17.9

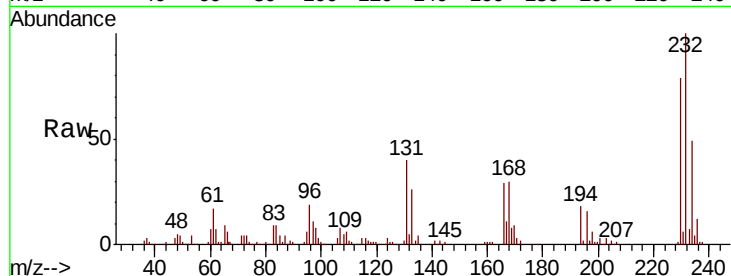




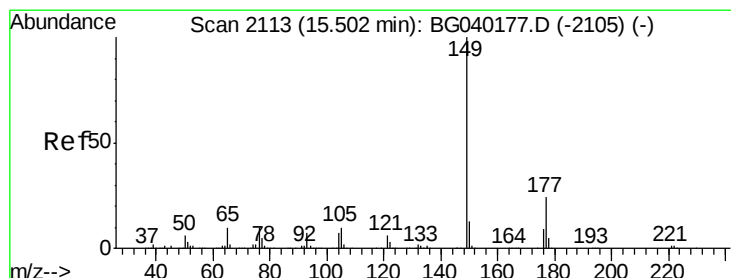
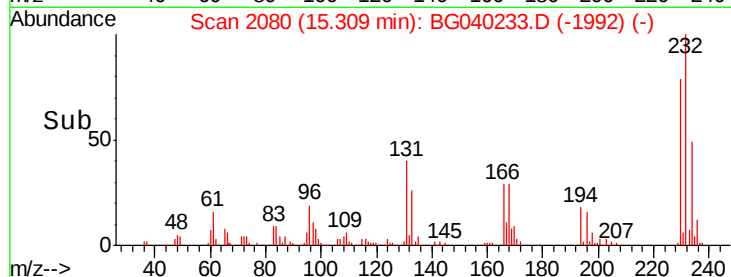
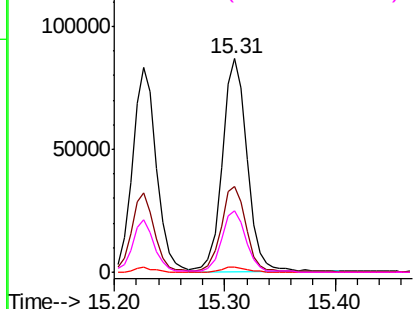
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.977 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:	232	Resp:	136315
Ion	Ratio	Lower	Upper
232	100		
131	39.9	32.9	49.3
130	2.2	1.8	2.8
166	28.8	23.5	35.3

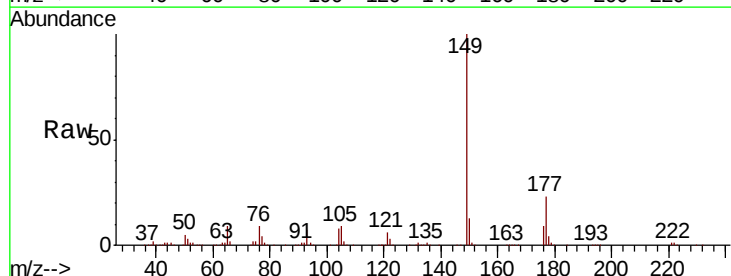


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

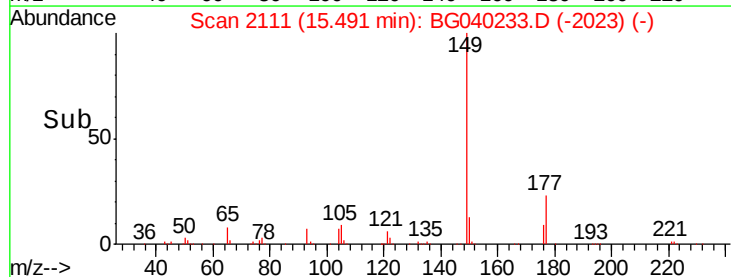
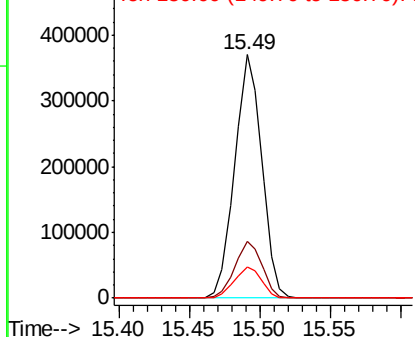


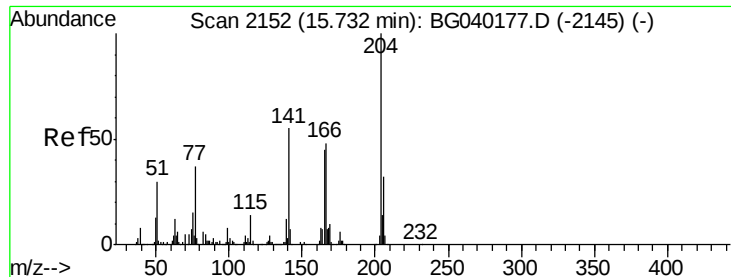
#60
Diethylphthalate
Concen: 44.023 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:	149	Resp:	494231
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	13.0	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

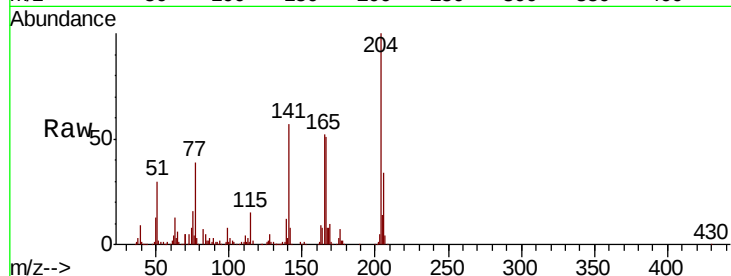




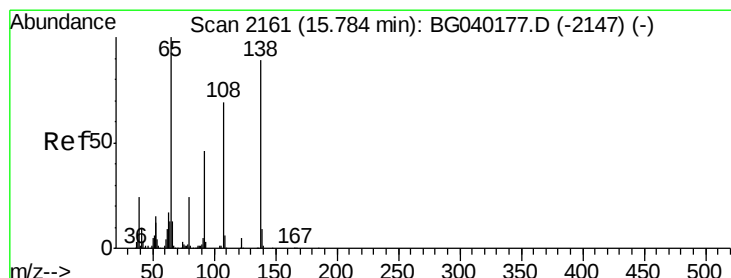
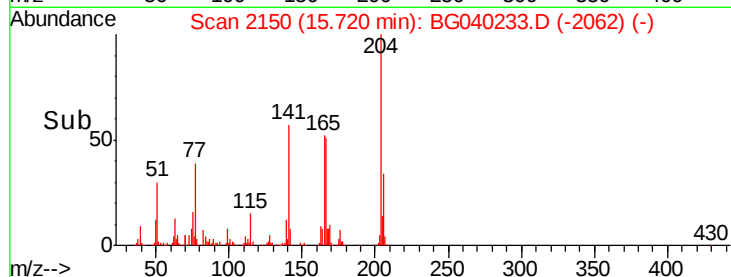
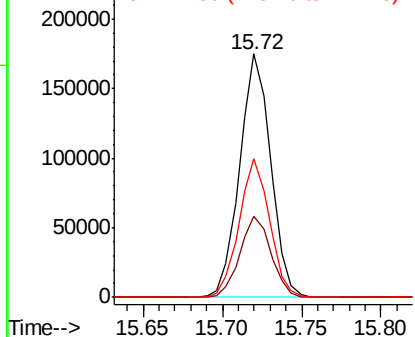
#61
4-Chlorophenyl-phenylether
Concen: 42.588 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:204 Resp: 237387
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 57.1 44.0 66.0

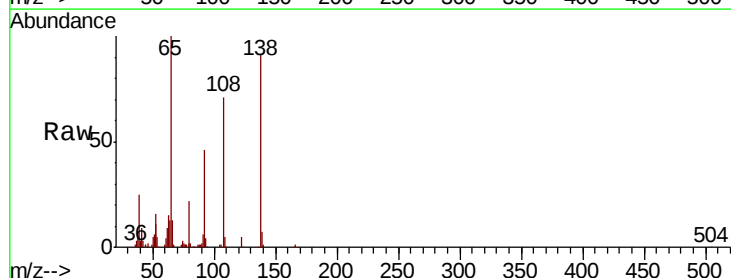


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

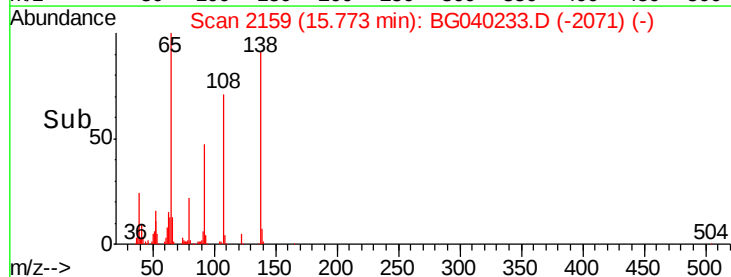
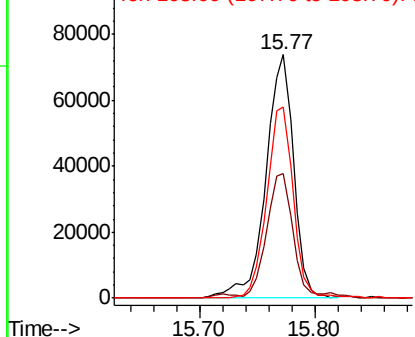


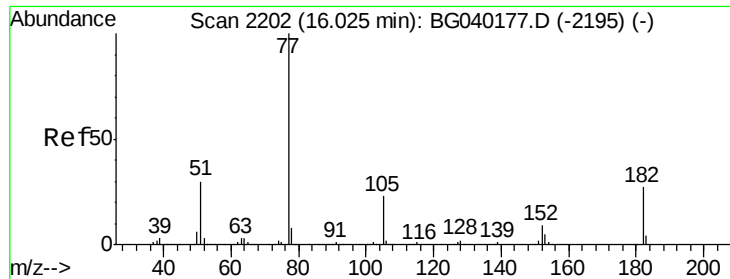
#62
4-Nitroaniline
Concen: 44.249 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:138 Resp: 123827
Ion Ratio Lower Upper
138 100
92 51.0 31.8 71.8
108 78.4 57.2 97.2



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

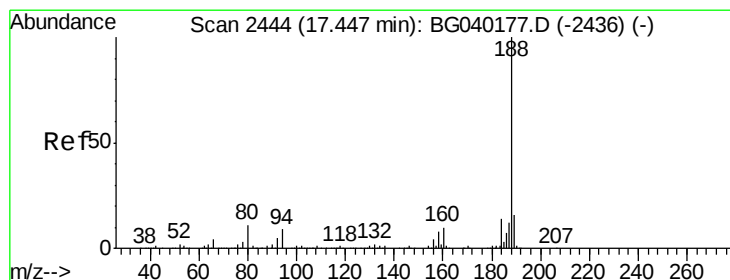
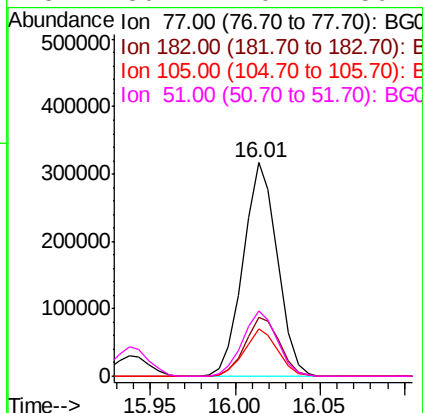
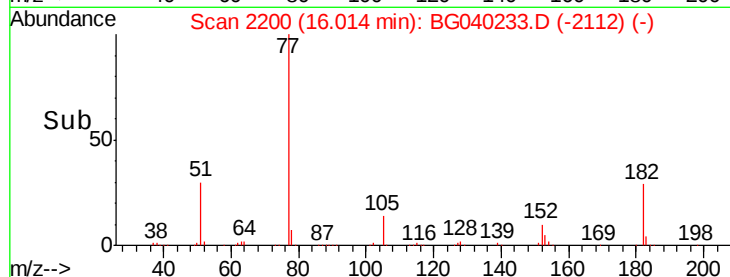
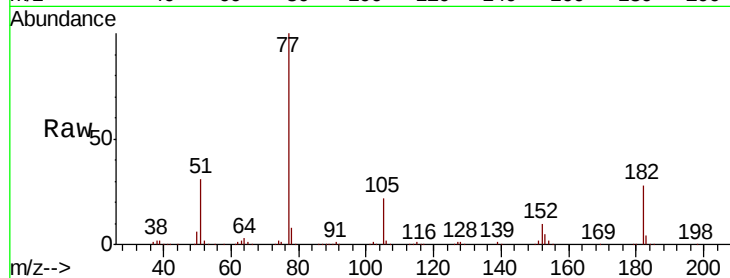




#63
Azobenzene
Concen: 42.131 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

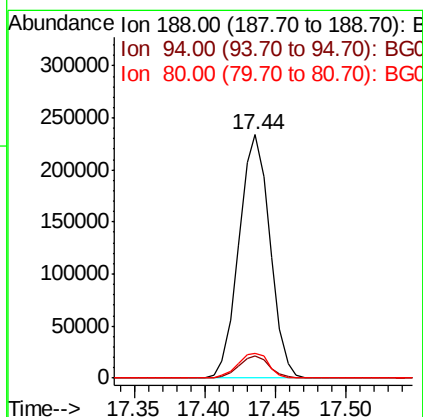
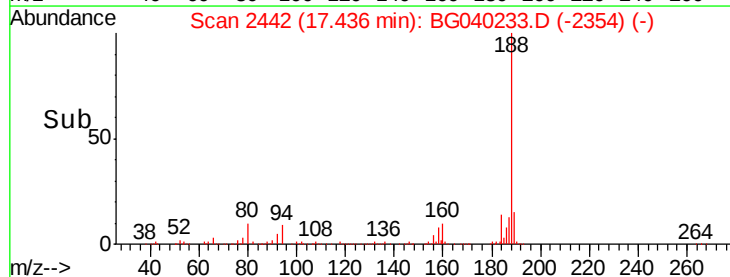
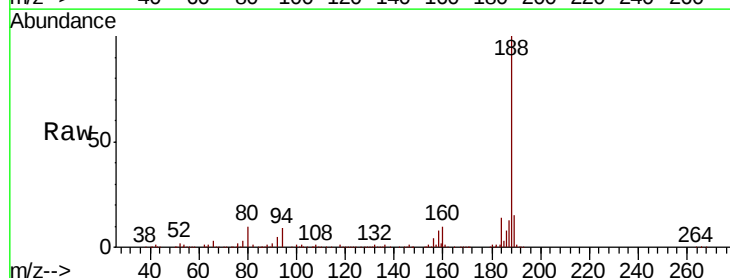
Instrument :
BNA_G
ClientSampleId :
PB118167BS

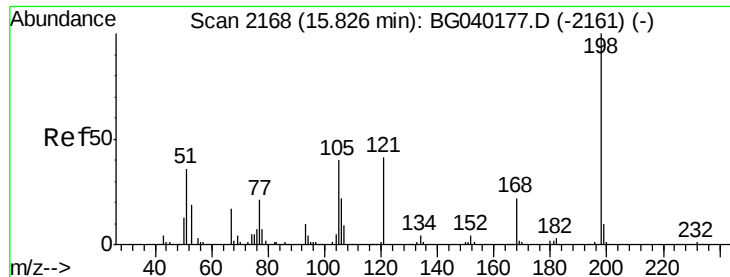
Tgt Ion: 77 Resp: 446154
Ion Ratio Lower Upper
77 100
182 27.5 7.2 47.2
105 22.3 2.8 42.8
51 30.7 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 188 Resp: 359112
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.2 8.6 13.0

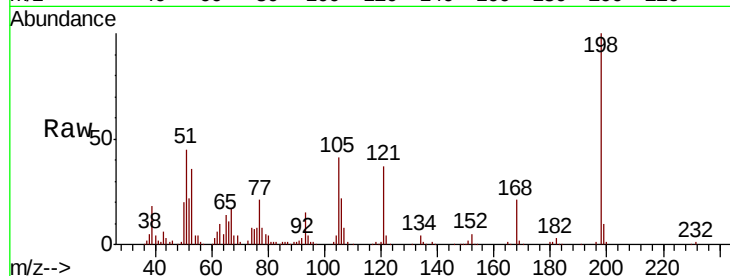




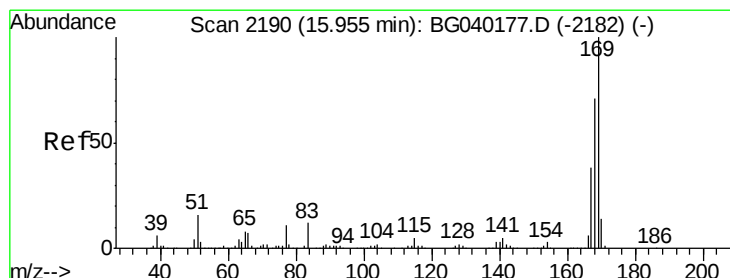
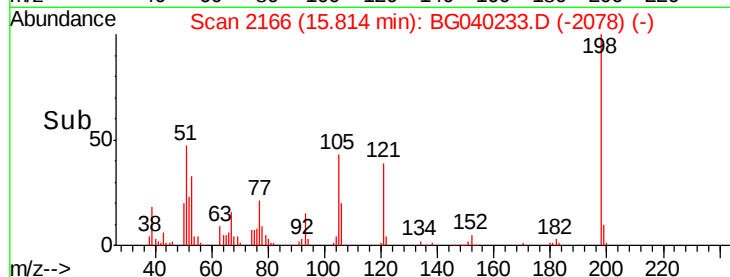
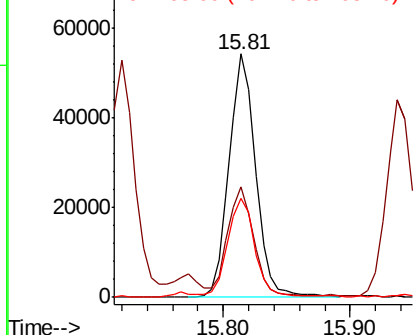
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.214 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion:198 Resp: 79117
 Ion Ratio Lower Upper
 198 100
 51 45.4 27.3 67.3
 105 40.8 21.7 61.7

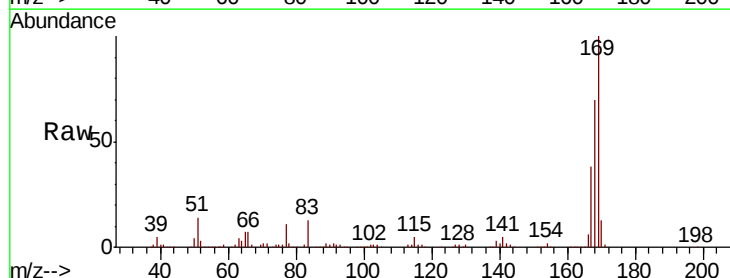


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

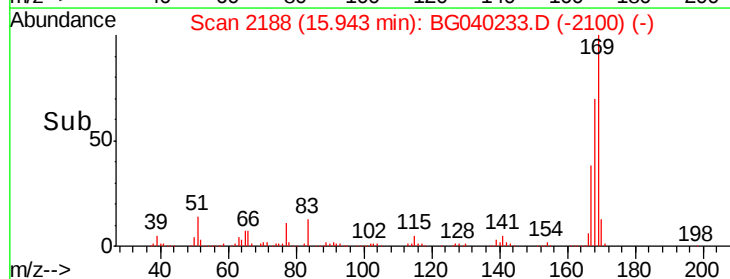
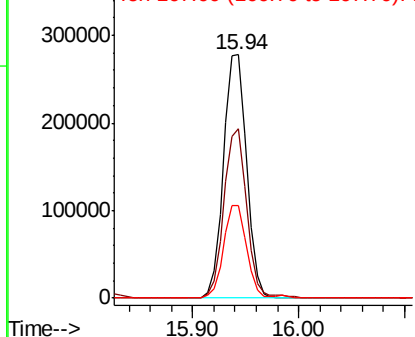


#66
 n-Nitrosodiphenylamine
 Concen: 40.037 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion:169 Resp: 420736
 Ion Ratio Lower Upper
 169 100
 168 69.6 56.8 85.2
 167 38.0 30.2 45.4



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

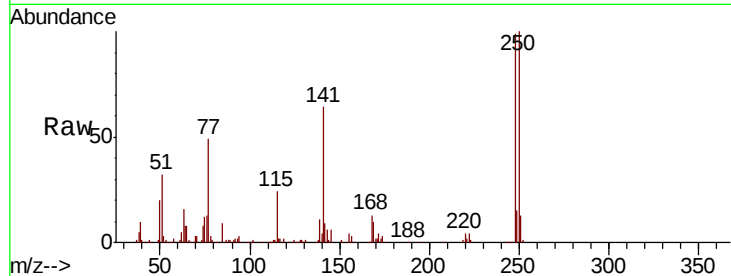




#67
 4-Bromophenyl-phenylether
 Concen: 39.526 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.4	114.6
141	64.0	53.8	80.8

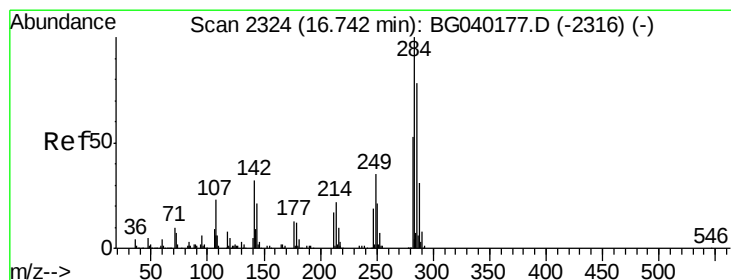
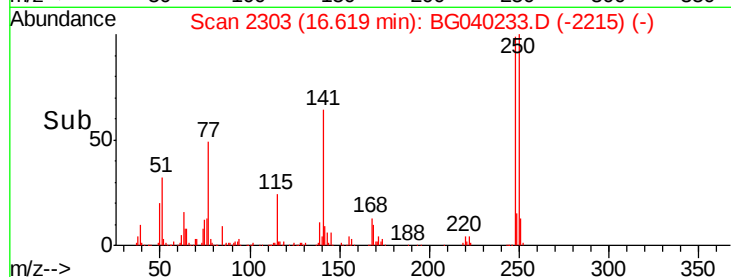
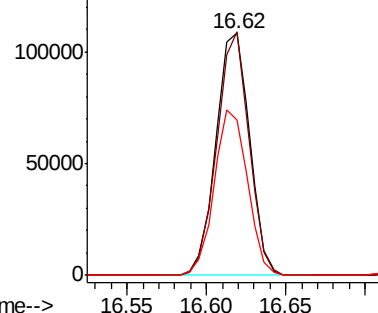


Abundance

Ion 248.00 (247.70 to 248.70): E

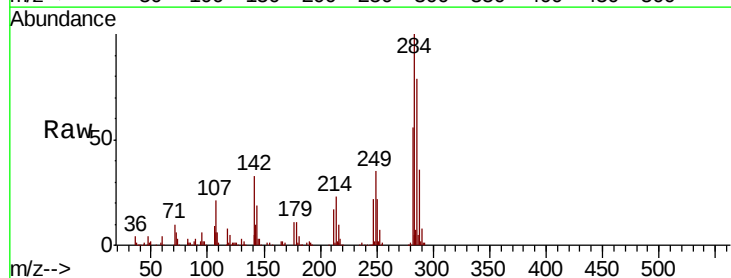
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.057 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.3	37.9
249	34.8	28.2	42.2

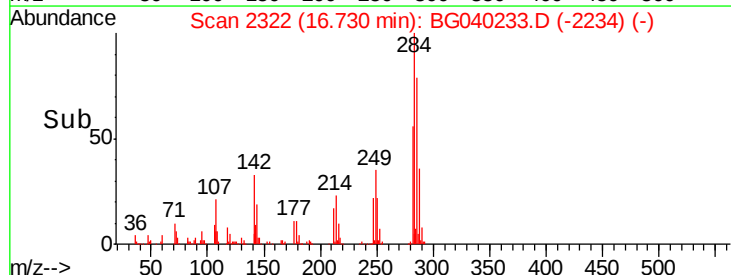
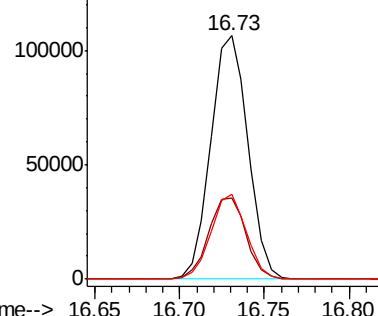


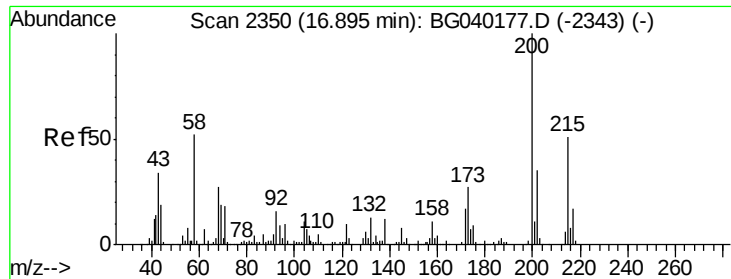
Abundance

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: 39.972 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

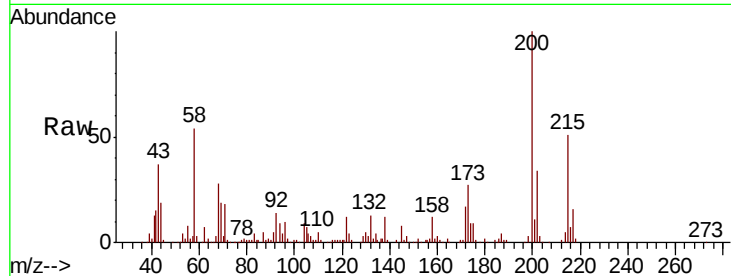
Tgt Ion:200 Resp: 156256

Ion Ratio Lower Upper

200 100

173 26.6 7.1 47.1

215 51.0 30.9 70.9

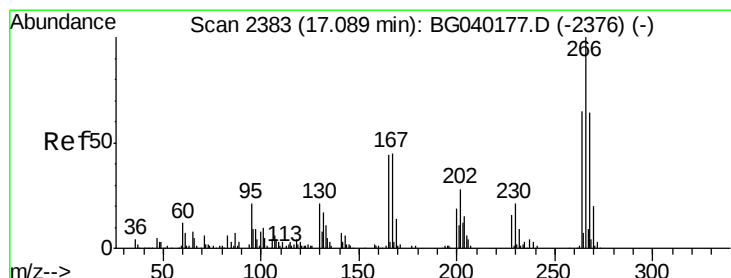
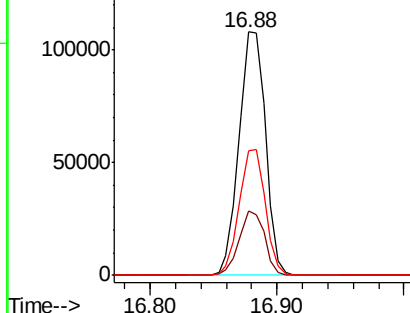
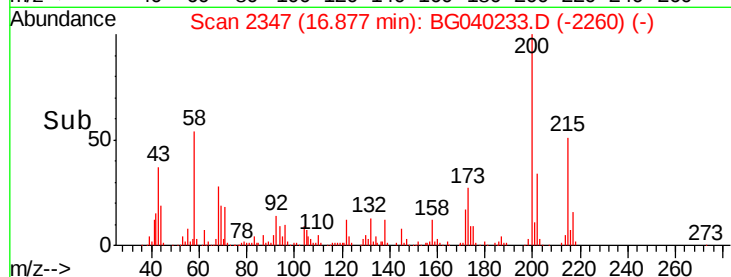


Abundance

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: 77.577 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

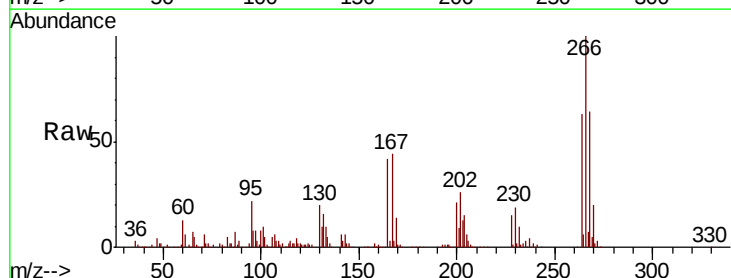
Tgt Ion:266 Resp: 182240

Ion Ratio Lower Upper

266 100

268 64.1 55.0 82.4

264 62.7 51.8 77.8

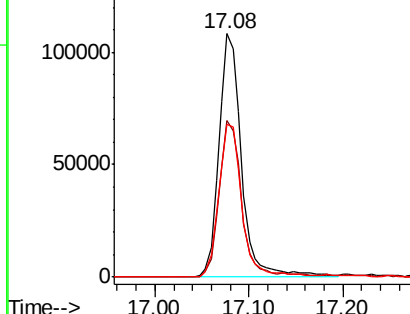
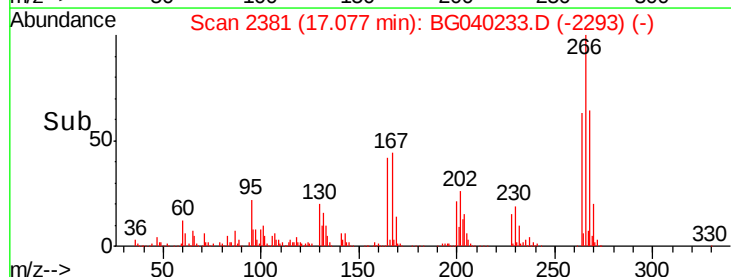


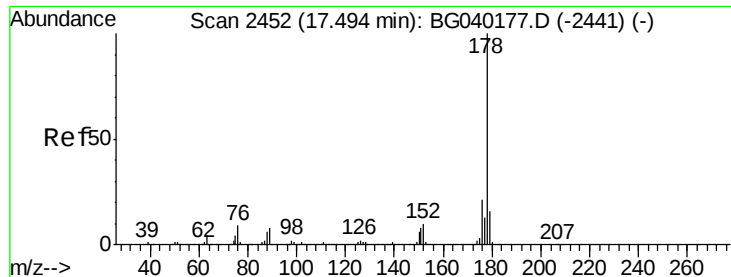
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

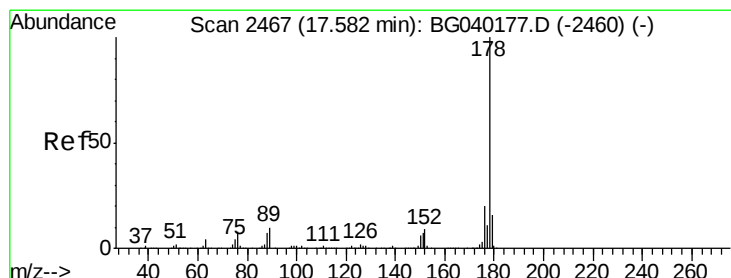
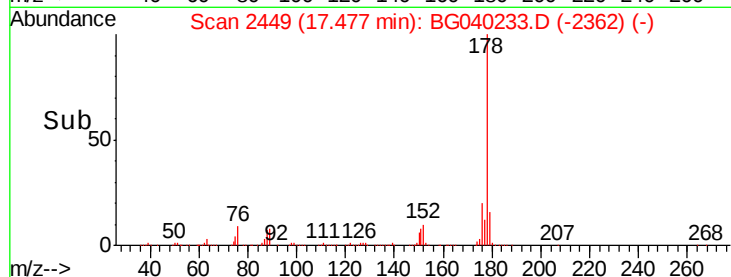
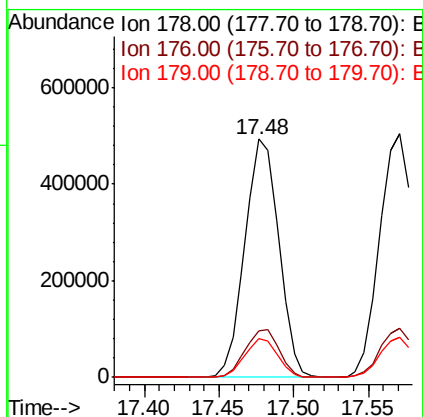
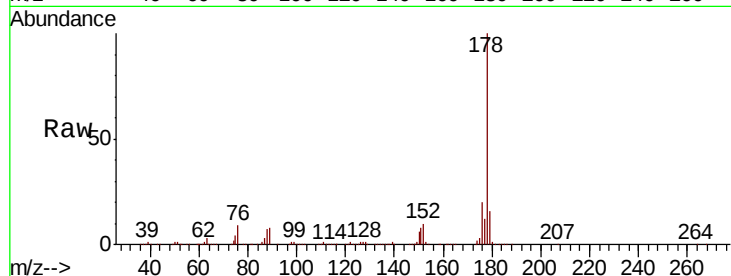




#71
Phenanthrene
Concen: 41.159 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

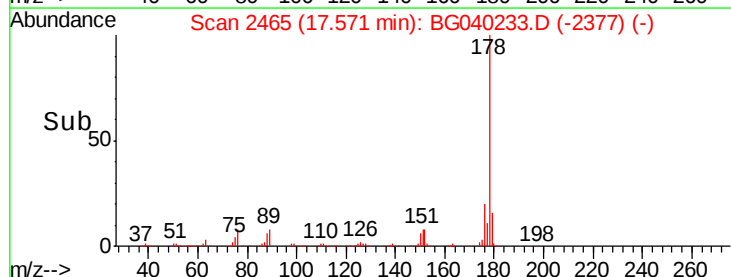
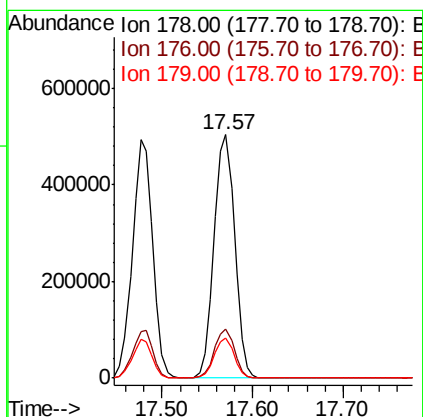
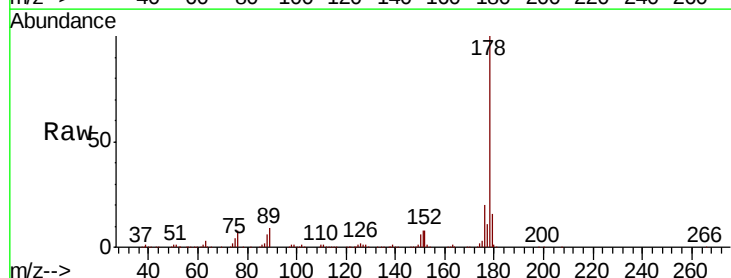
Instrument :
BNA_G
ClientSampleId :
PB118167BS

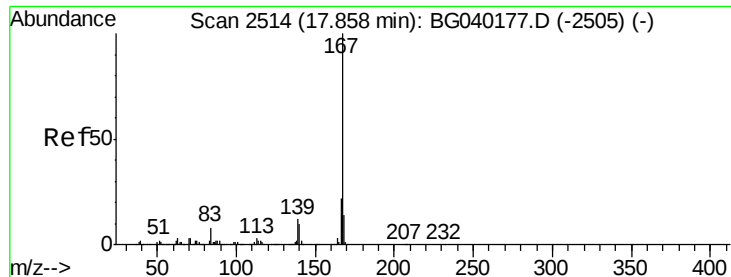
Tgt Ion:178 Resp: 776903
Ion Ratio Lower Upper
178 100
176 19.7 16.7 25.1
179 16.1 12.8 19.2



#72
Anthracene
Concen: 42.246 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:178 Resp: 798145
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.3 12.9 19.3





#73

Carbazole

Concen: 41.156 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

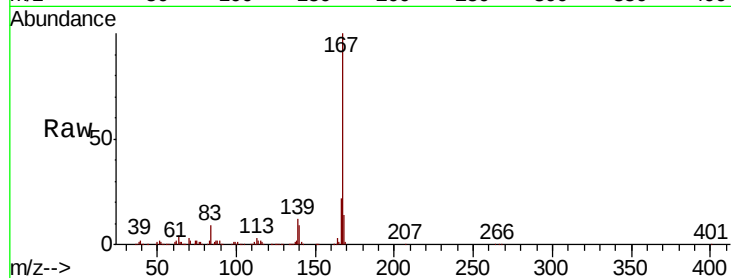
Tgt Ion:167 Resp: 735868

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

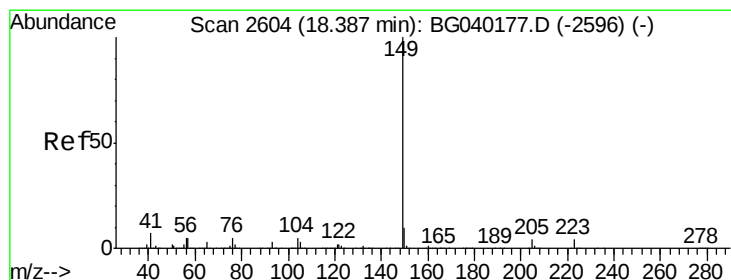
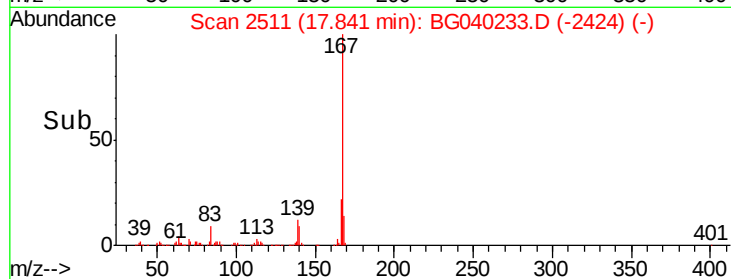
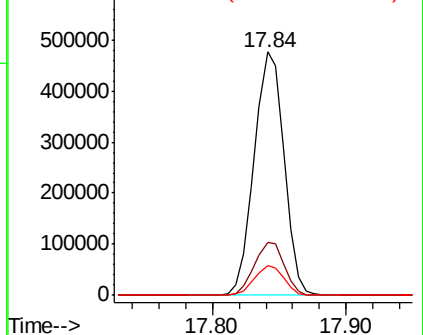
139 12.3 10.0 15.0



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: 40.870 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

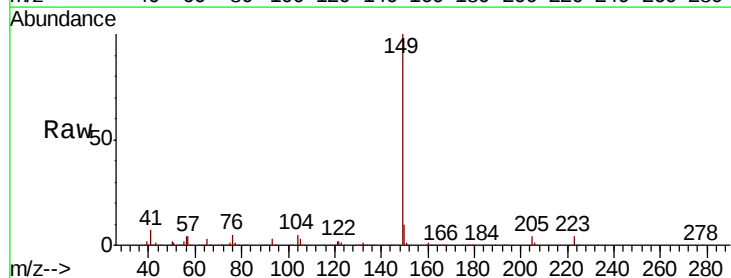
Tgt Ion:149 Resp: 866206

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

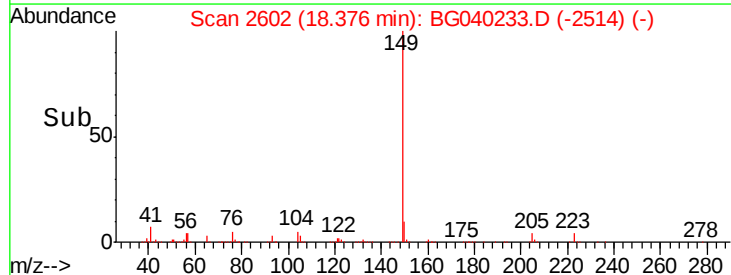
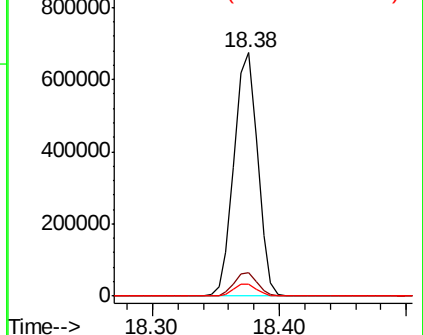
104 5.1 4.1 6.1

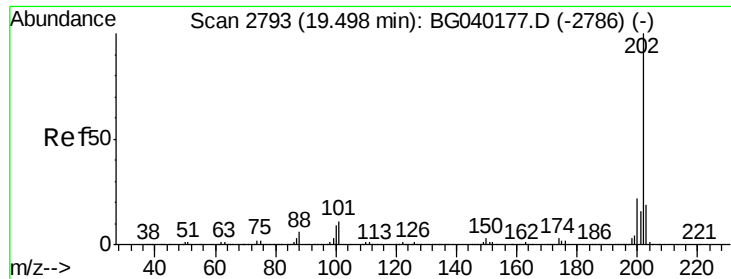


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.981 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

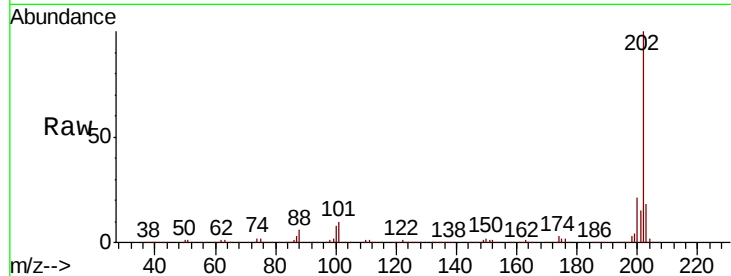
Tgt Ion: 202 Resp: 938329

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.8

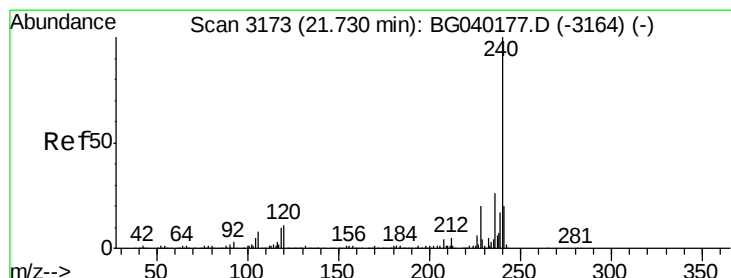
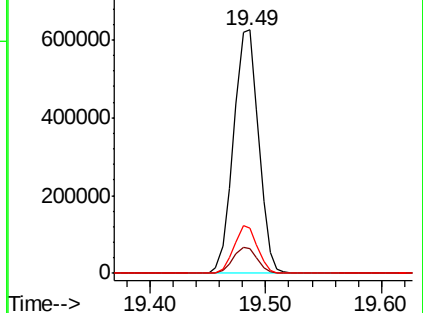
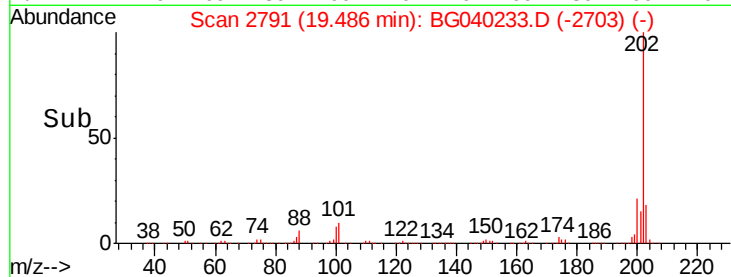
203 18.5 0.0 38.9



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

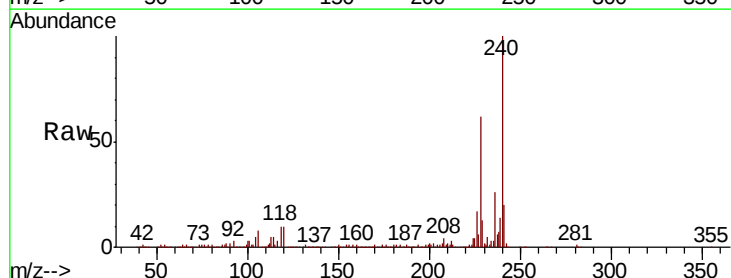
Tgt Ion: 240 Resp: 356421

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

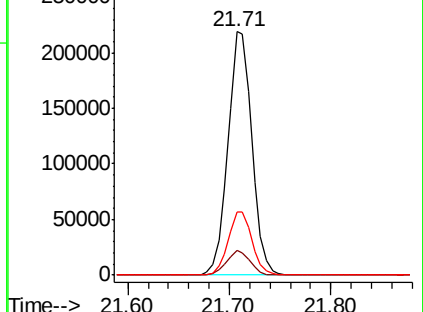
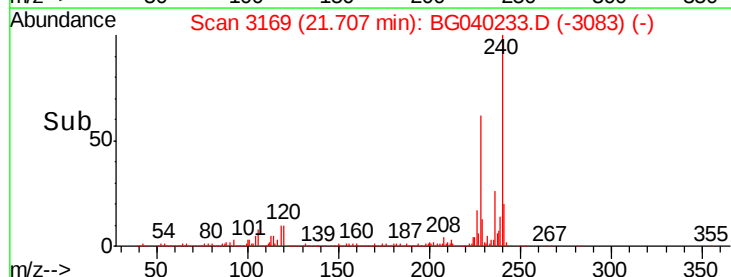
236 25.8 20.8 31.2

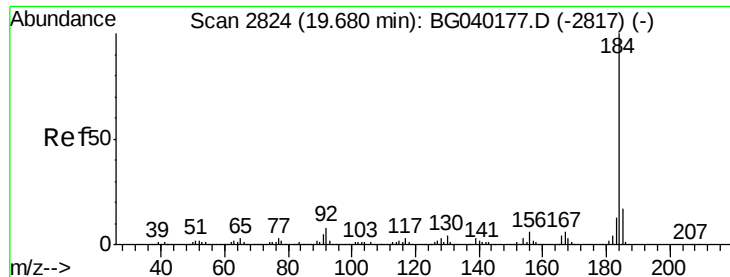


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.540 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

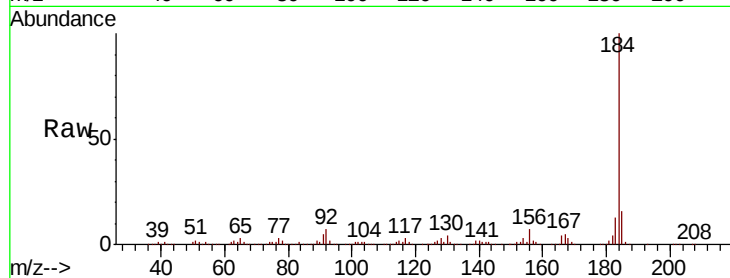
Tgt Ion:184 Resp: 586134

Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

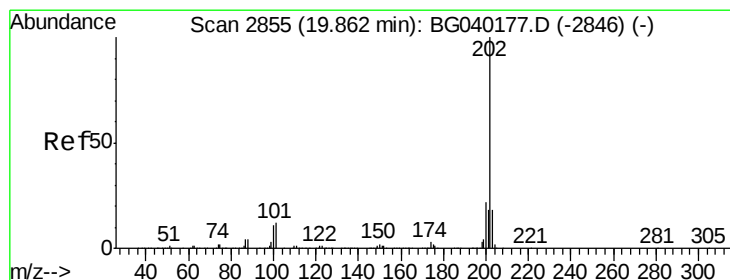
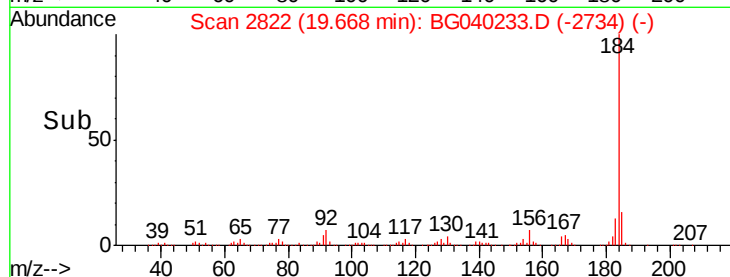
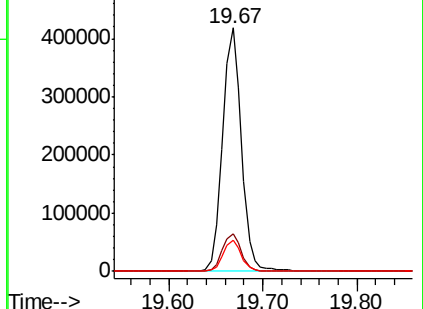
183 12.8 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.139 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

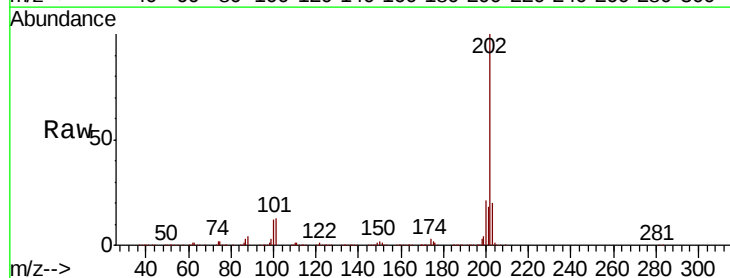
Tgt Ion:202 Resp: 940813

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

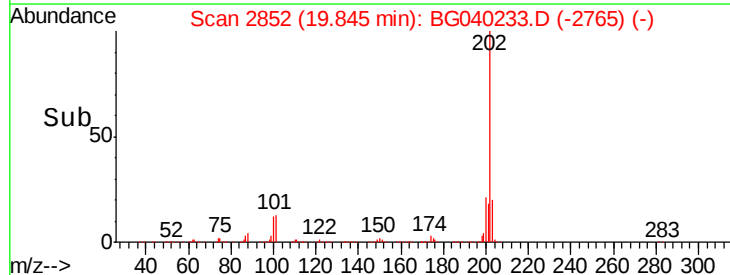
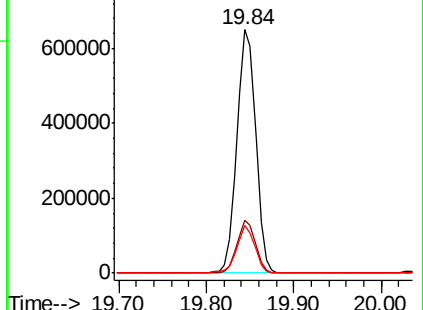
203 19.8 14.6 22.0

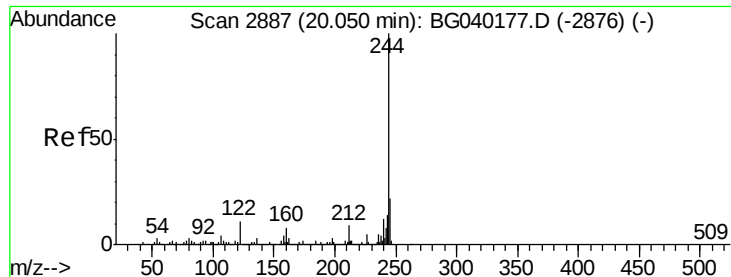


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.697 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

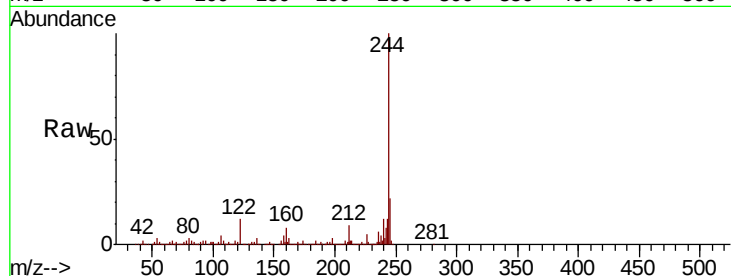
Tgt Ion:244 Resp: 1341881

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

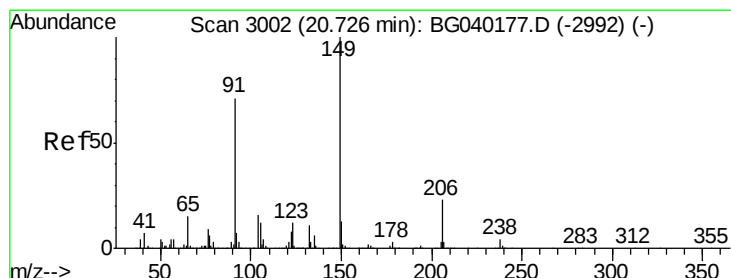
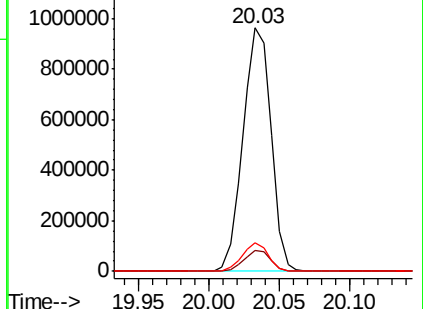
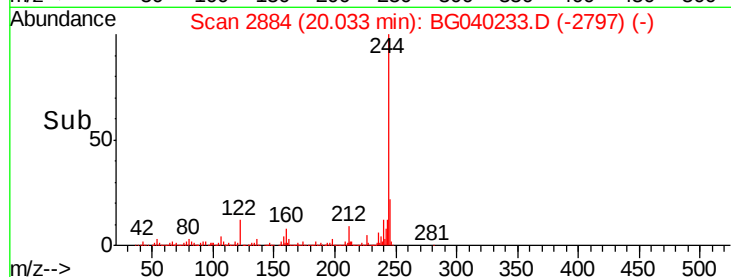
122 11.7 8.5 12.7



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: 39.930 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

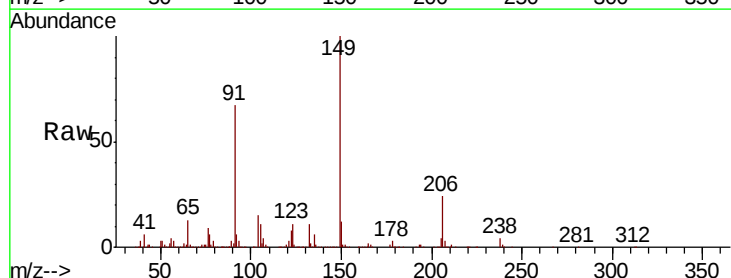
Tgt Ion:149 Resp: 400490

Ion Ratio Lower Upper

149 100

91 67.1 57.0 85.4

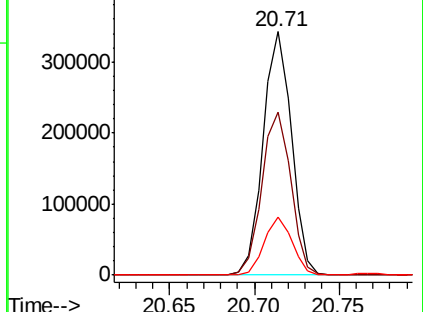
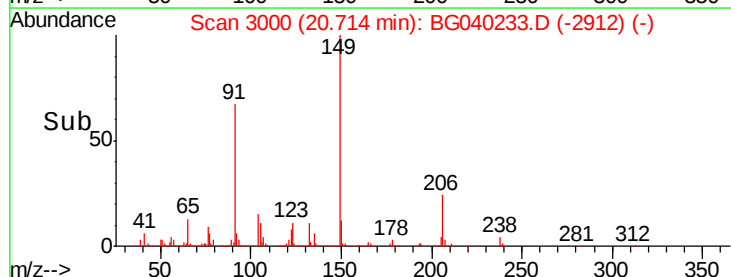
206 23.6 18.2 27.4

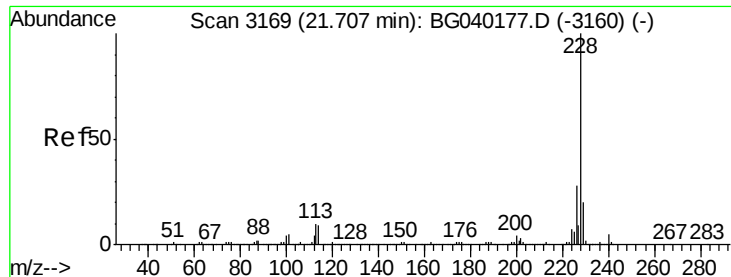


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.884 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

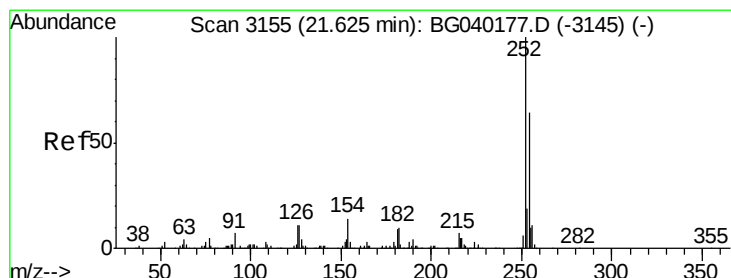
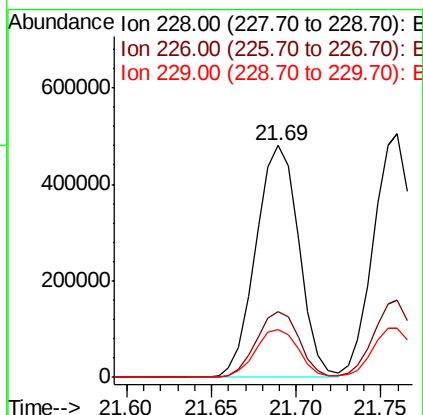
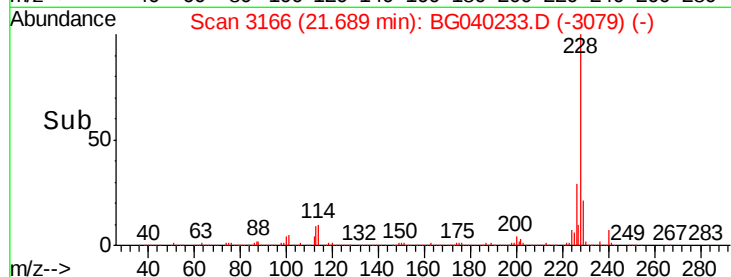
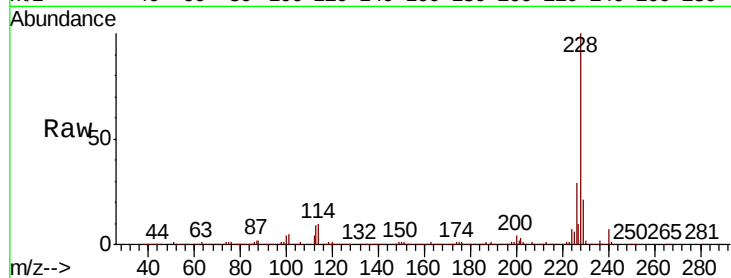
Tgt Ion:228 Resp: 853640

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

229 20.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 20.826 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

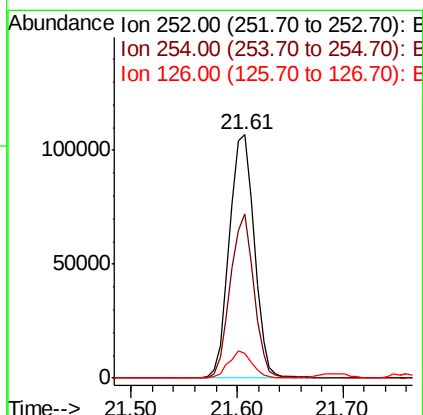
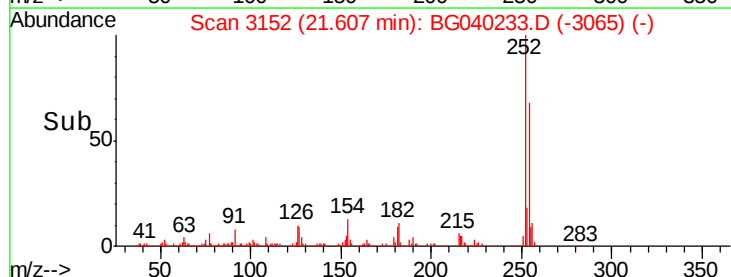
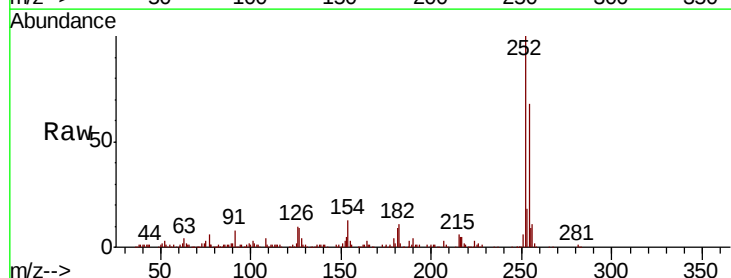
Tgt Ion:252 Resp: 173923

Ion Ratio Lower Upper

252 100

254 67.6 51.4 77.2

126 10.4 8.5 12.7





#83

Chrysene

Concen: 39.560 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

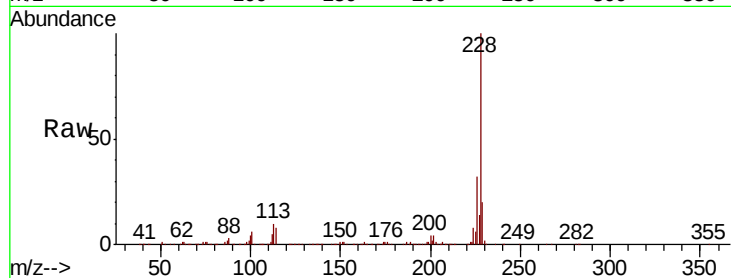
Tgt Ion:228 Resp: 834664

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

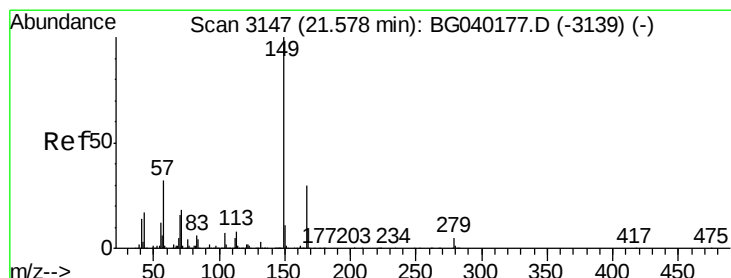
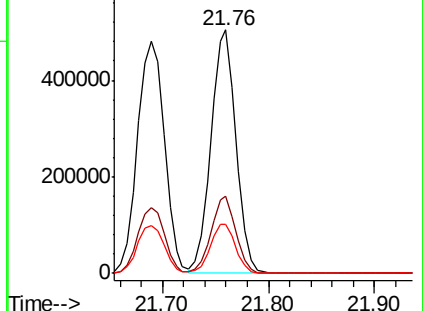
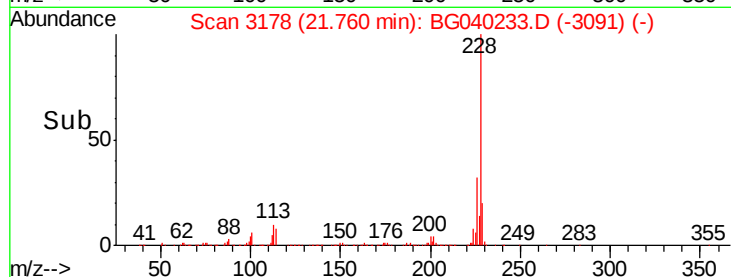
229 20.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.325 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

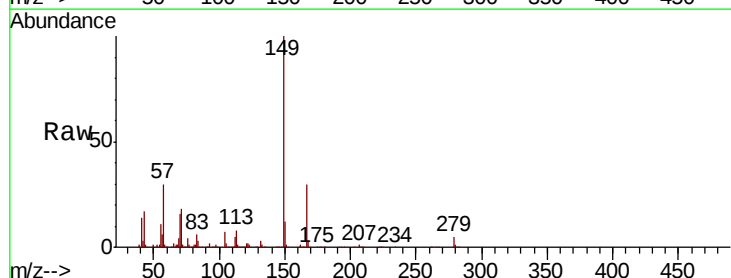
Tgt Ion:149 Resp: 563803

Ion Ratio Lower Upper

149 100

167 30.1 24.1 36.1

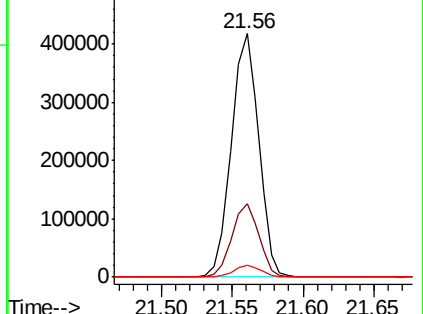
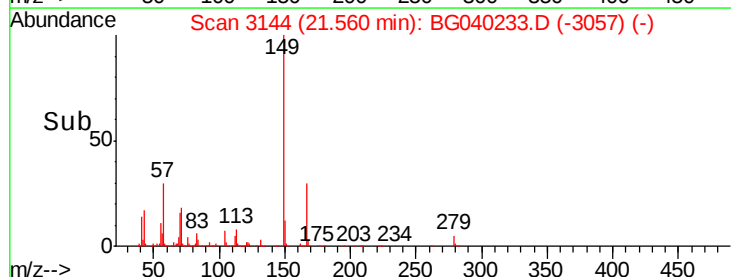
279 4.8 4.1 6.1

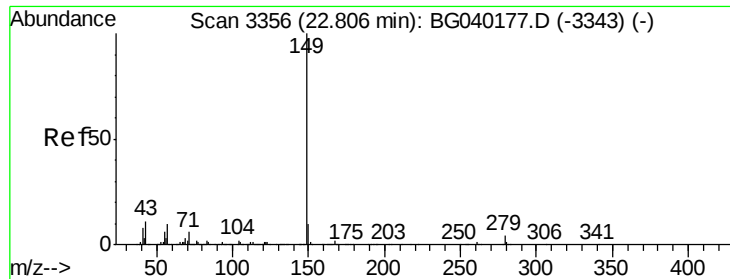


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

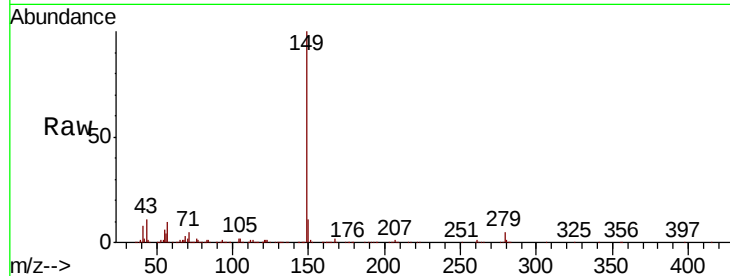




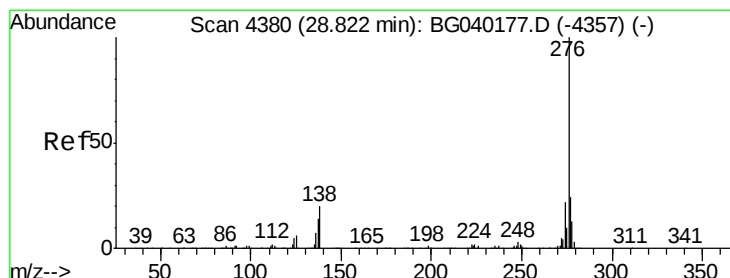
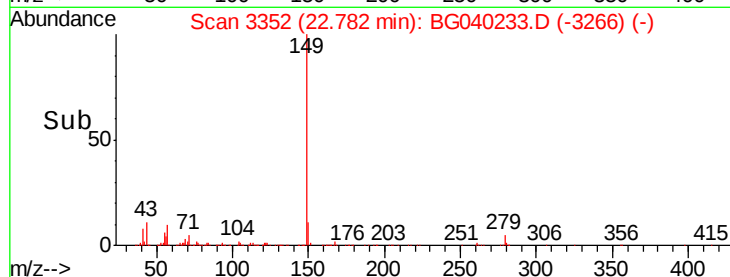
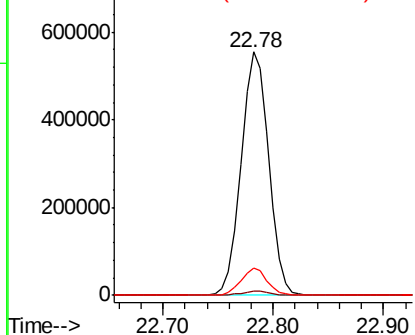
#85
Di-n-octyl phthalate
Concen: 39.720 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion:149 Resp: 970232
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.4 8.7 13.1

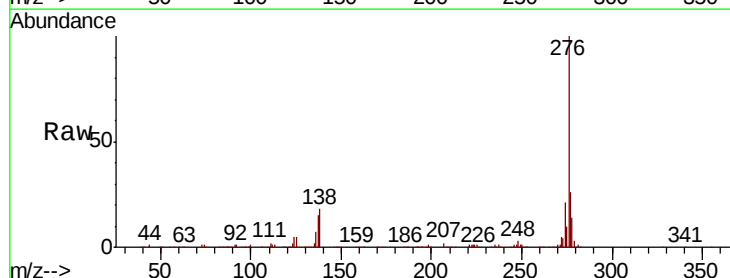


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

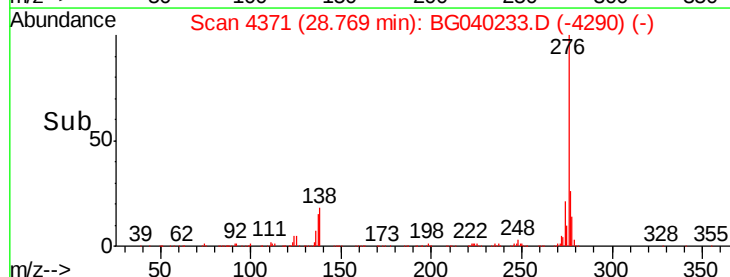
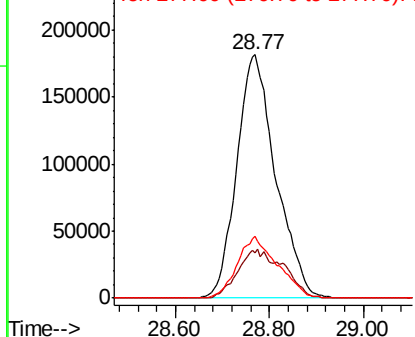


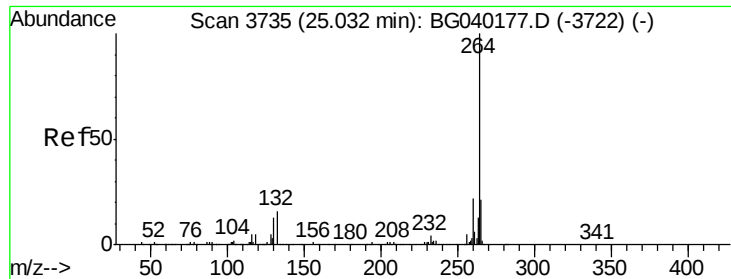
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.458 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.05 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion:276 Resp: 1044026
Ion Ratio Lower Upper
276 100
138 23.5 18.8 28.2
277 26.1 21.0 31.4



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



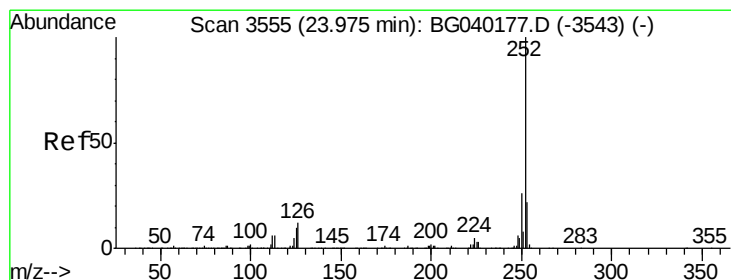
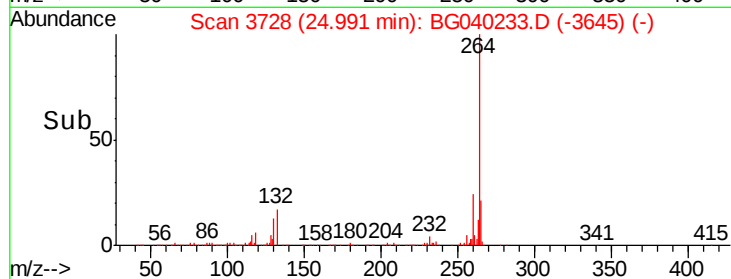
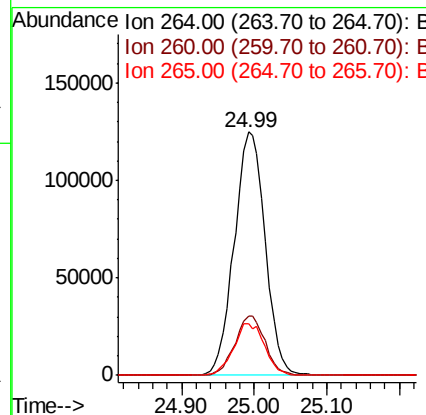
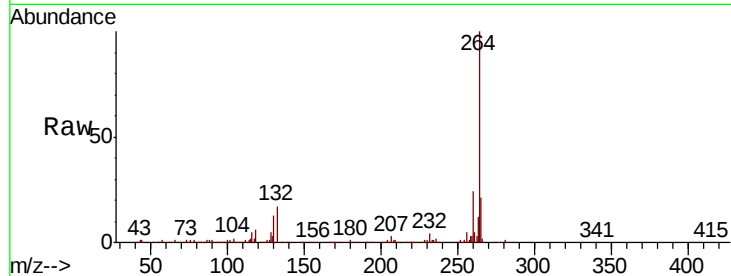


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.04 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion: 264 Resp: 368547

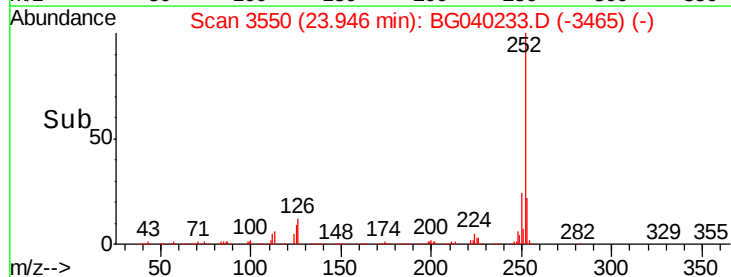
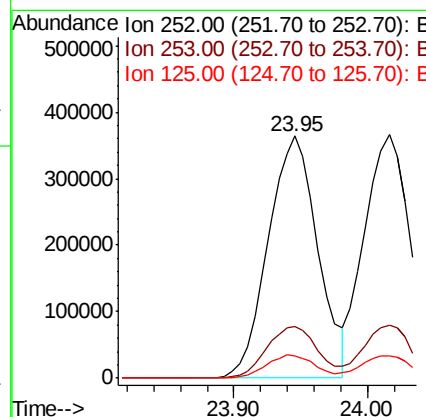
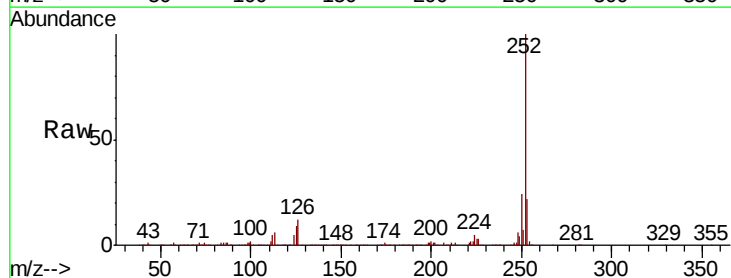
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	21.3	16.8	25.2

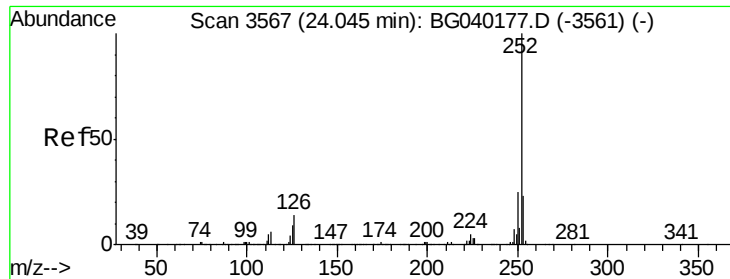


#88
Benzo(b)fluoranthene
Concen: 41.538 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.03 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 252 Resp: 937250

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.2	8.2	12.4

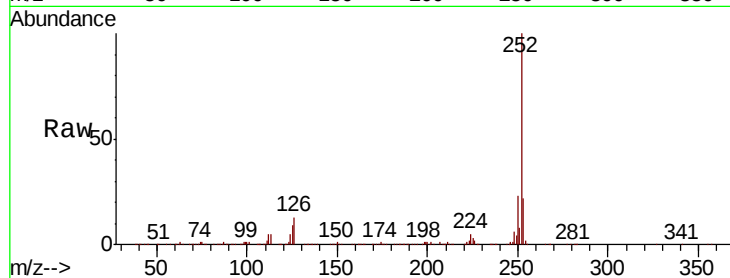




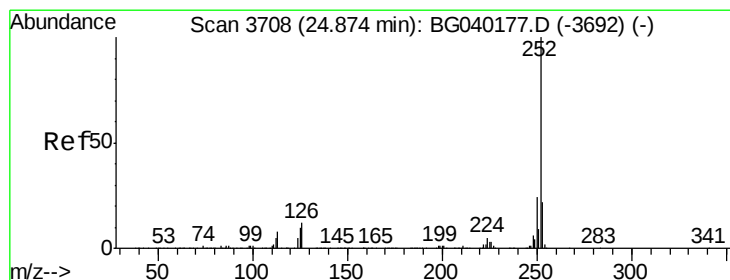
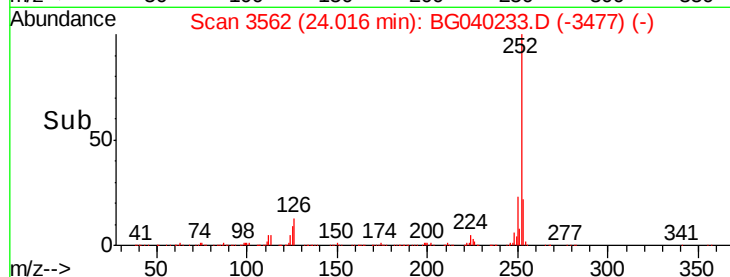
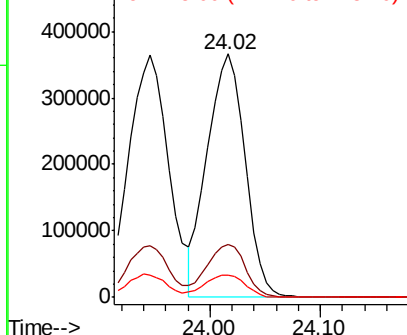
#89
Benzo(k)fluoranthene
Concen: 41.813 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.03 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion: 252 Resp: 867626
Ion Ratio Lower Upper
252 100
253 22.0 18.6 28.0
125 9.3 7.3 10.9

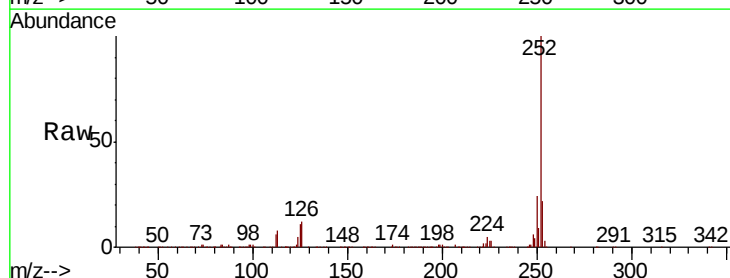


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

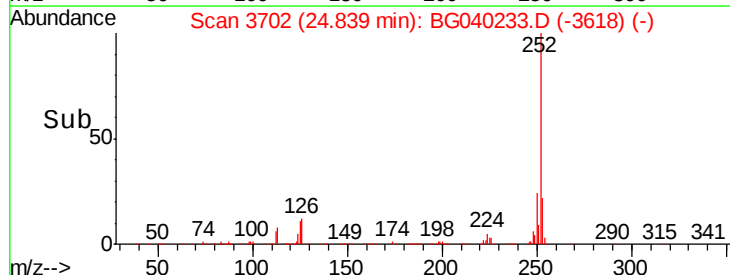
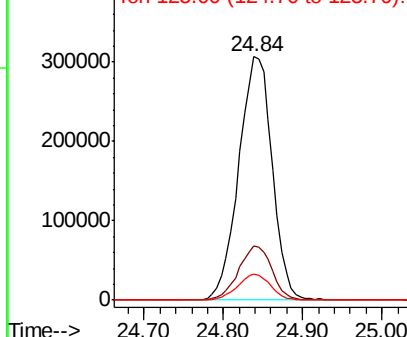


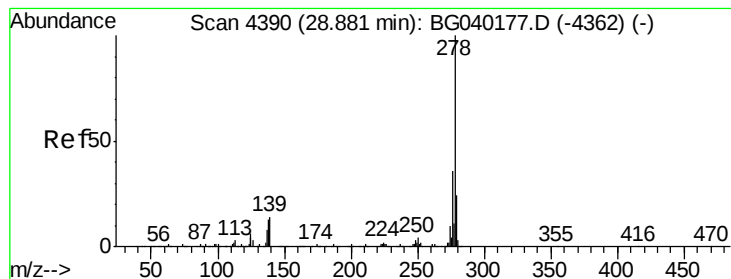
#90
Benzo(a)pyrene
Concen: 42.469 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.04 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion: 252 Resp: 899112
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.7 8.3 12.5



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





#91

Dibenzo(a,h)anthracene

Concen: 42.922 ng

RT: 28.83 min Scan# 4381

Delta R.T. -0.05 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB118167BS

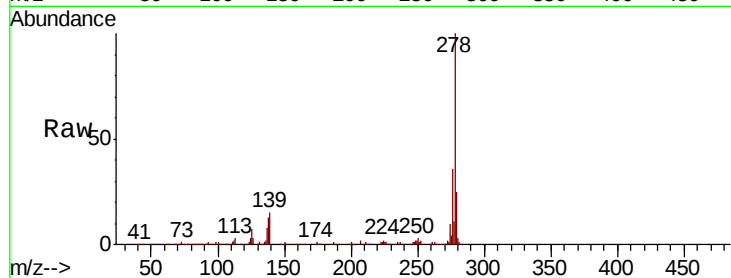
Tgt Ion:278 Resp: 843948

Ion Ratio Lower Upper

278 100

139 14.5 11.2 16.8

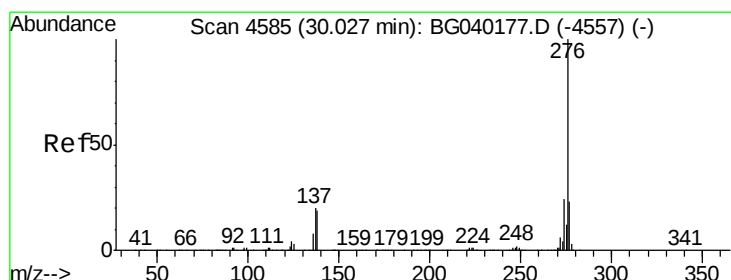
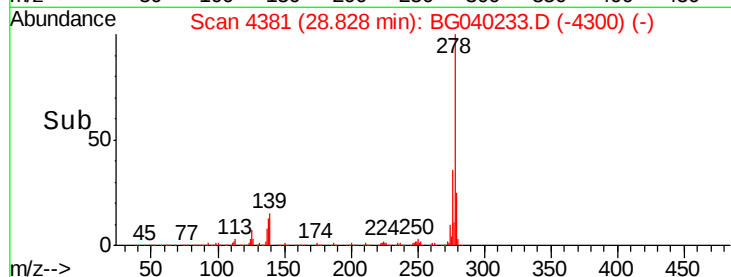
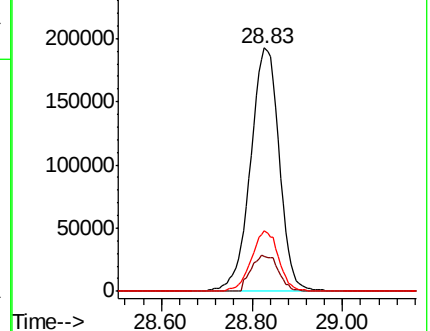
279 24.9 18.9 28.3



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: 43.190 ng

RT: 29.96 min Scan# 4573

Delta R.T. -0.07 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

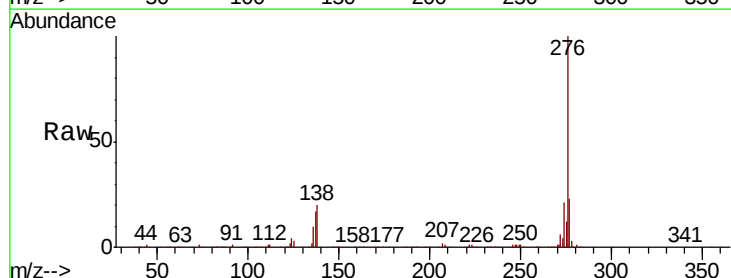
Tgt Ion:276 Resp: 872745

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 19.8 15.2 22.8



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

