

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040199.D
 Acq On : 28 Mar 2019 14:21
 Operator : JU/SJ
 Sample : PB118351BS
 Misc : MDL 8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Quant Time: Mar 28 15:06:33 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	8.07	152	47751	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	190564	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	117220	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	296998	20.00	ng	0.00
76) Chrysene-d12	21.73	240	323467	20.00	ng	0.00
87) Perylene-d12	25.03	264	334282	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	384295	133.79	ng	0.00
7) Phenol-d6	7.23	99	511373	128.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	277721	77.46	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	176164	139.06	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	625255	79.04	ng	0.00
79) Terphenyl-d14	20.05	244	1137015	79.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	69662	51.577	ng	97
3) Pyridine	3.92	79	140199	38.553	ng	98
4) n-Nitrosodimethylamine	3.84	42	66201	39.355	ng	86
6) Aniline	7.40	93	146373	28.381	ng	97
8) 2-Chlorophenol	7.63	128	135993	40.445	ng	98
9) Benzaldehyde	7.21	77	48451	17.793	ng	92
10) Phenol	7.25	94	179097	41.565	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	131230	38.026	ng	95
12) 1,3-Dichlorobenzene	7.95	146	144060	39.413	ng	95
13) 1,4-Dichlorobenzene	8.11	146	147703	40.573	ng	97
14) 1,2-Dichlorobenzene	8.42	146	136946	39.337	ng	98
15) Benzyl Alcohol	8.31	79	118759	37.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	246844	37.269	ng	97
17) 2-Methylphenol	8.51	107	121938	40.897	ng	97
18) Hexachloroethane	9.15	117	54068	39.045	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	102364	35.965	ng	99
20) 3+4-Methylphenols	8.83	107	160952	39.848	ng	98
22) Acetophenone	8.90	105	200026	42.079	ng	# 96
24) Nitrobenzene	9.29	77	154088	41.505	ng	99
25) Isophorone	9.80	82	290184	39.338	ng	99
26) 2-Nitrophenol	10.00	139	68281	38.815	ng	94
27) 2,4-Dimethylphenol	10.04	122	132341	47.361	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	177352	40.637	ng	98
29) 2,4-Dichlorophenol	10.53	162	135120	44.550	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	139456	41.874	ng	98
31) Naphthalene	10.93	128	411527	42.131	ng	99
32) Benzoic acid	10.18	122	57468	34.039	ng	90
33) 4-Chloroaniline	11.05	127	96382	23.133	ng	95
34) Hexachlorobutadiene	11.20	225	86261	40.500	ng	89
35) Caprolactam	11.83	113	28120	23.363	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	148108	42.476	ng	97
37) 2-Methylnaphthalene	12.54	142	302031	41.809	ng	99
38) 1-Methylnaphthalene	12.76	142	289812	41.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	150118	40.293	ng	98

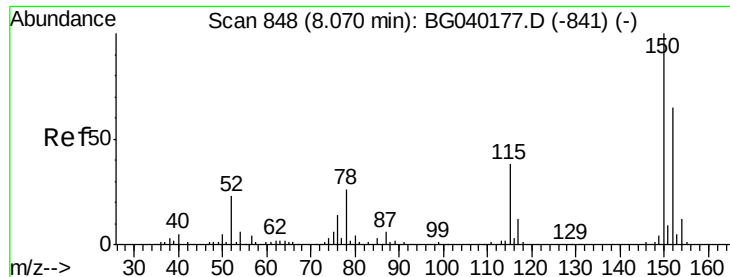
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040199.D
 Acq On : 28 Mar 2019 14:21
 Operator : JU/SJ
 Sample : PB118351BS
 Misc : MDL 8PPM
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Instrument :
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Quant Time: Mar 28 15:06:33 2019
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 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)
41) Hexachlorocyclopentadiene	12.86	237	202190	98.839	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	105410	43.883	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	111247	42.490	ng	98
46) 1,1'-Biphenyl	13.54	154	387291	41.815	ng	98
47) 2-Chloronaphthalene	13.58	162	295810	41.637	ng	99
48) 2-Nitroaniline	13.80	65	99319	41.445	ng	100
49) Acenaphthylene	14.43	152	498603	41.393	ng	98
50) Dimethylphthalate	14.15	163	393198	42.860	ng	99
51) 2,6-Dinitrotoluene	14.28	165	88256	42.844	ng	95
52) Acenaphthene	14.76	154	287657	41.676	ng	96
53) 3-Nitroaniline	14.62	138	61055	28.001	ng	95
54) 2,4-Dinitrophenol	14.82	184	100257	91.516	ng	96
55) Dibenzofuran	15.10	168	480158	43.293	ng	98
56) 4-Nitrophenol	14.92	139	156124	88.715	ng	97
57) 2,4-Dinitrotoluene	15.06	165	128115	44.760	ng	# 98
58) Fluorene	15.75	166	374187	42.912	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	106234	44.714	ng	98
60) Diethylphthalate	15.50	149	408401	43.503	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	198345	42.554	ng	97
62) 4-Nitroaniline	15.78	138	103712	44.321	ng	96
63) Azobenzene	16.03	77	373841	42.218	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	67978	40.740	ng	97
66) n-Nitrosodiphenylamine	15.95	169	351563	40.451	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	130413	39.019	ng	98
68) Hexachlorobenzene	16.74	284	136085	40.496	ng	96
69) Atrazine	16.89	200	135383	41.876	ng	99
70) Pentachlorophenol	17.09	266	161172	82.957	ng	98
71) Phenanthrene	17.49	178	656599	42.061	ng	98
72) Anthracene	17.58	178	672403	43.033	ng	100
73) Carbazole	17.86	167	657425	44.458	ng	99
74) Di-n-butylphthalate	18.38	149	788961	45.011	ng	100
75) Fluoranthene	19.49	202	858681	46.453	ng	100
77) Benzidine	19.68	184	367455	31.458	ng	97
78) Pyrene	19.86	202	867281	40.772	ng	99
80) Butylbenzylphthalate	20.73	149	377713	41.496	ng	95
81) Benzo(a)anthracene	21.70	228	814204	40.866	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	187715	24.767	ng	99
83) Chrysene	21.77	228	778952	40.681	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	522531	40.159	ng	99
85) Di-n-octyl phthalate	22.80	149	900826	40.635	ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	973351	41.562	ng	# 85
88) Benzo(b)fluoranthene	23.97	252	861602	42.099	ng	98
89) Benzo(k)fluoranthene	24.04	252	817760	43.450	ng	98
90) Benzo(a)pyrene	24.87	252	836794	43.577	ng	99
91) Dibenzo(a,h)anthracene	28.88	278	786119	44.079	ng	97
92) Benzo(g,h,i)perylene	30.02	276	810300	44.210	ng	98

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

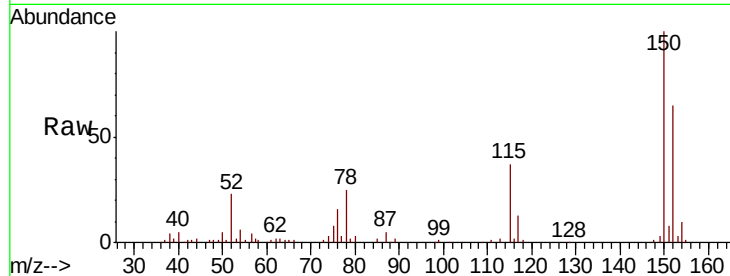


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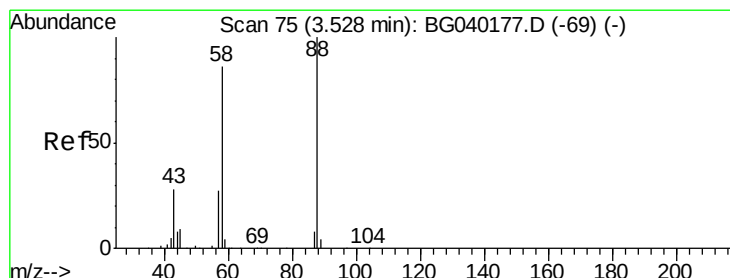
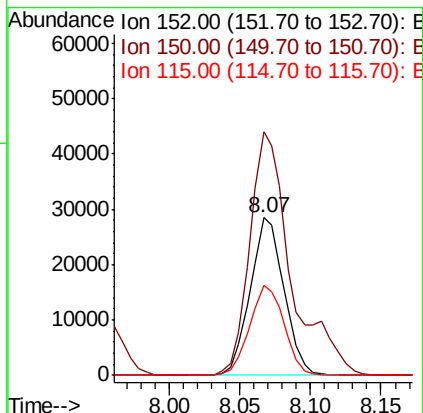
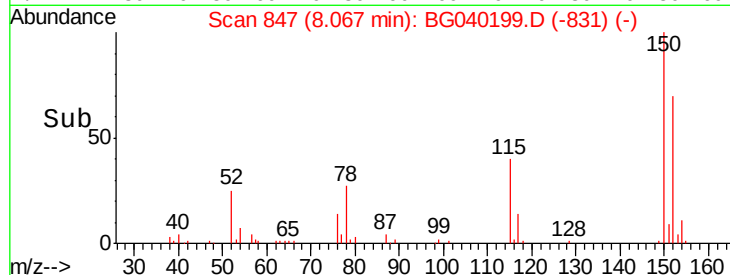
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tgt Ion:152 Resp: 47751
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 57.3 46.9 70.3



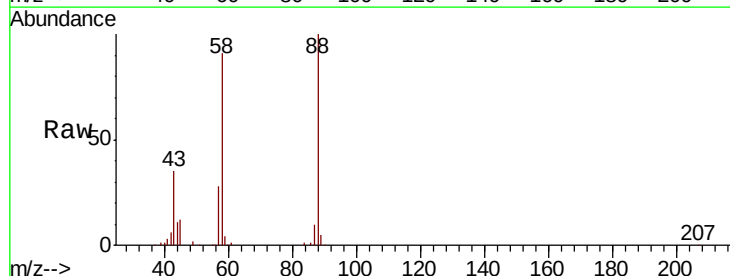
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



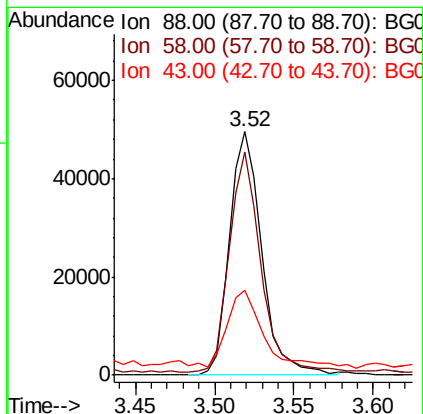
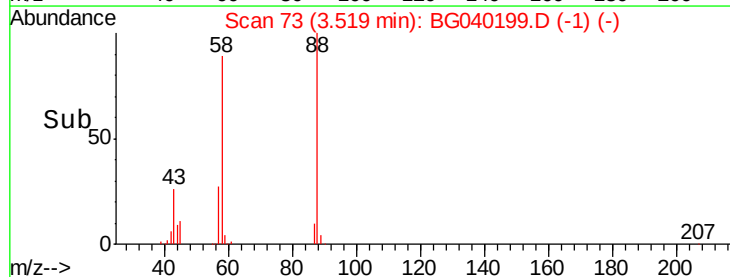
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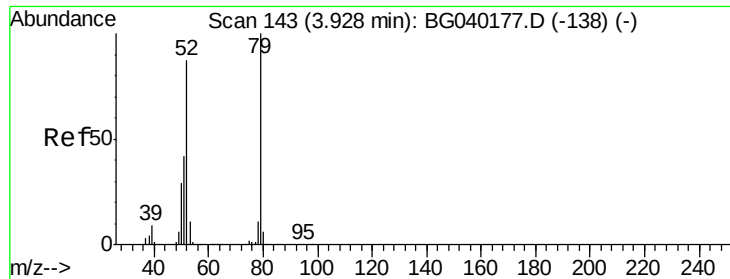
1,4-Dioxane
Concen: 51.577 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion: 88 Resp: 69662
Ion Ratio Lower Upper
88 100
58 87.6 70.6 106.0
43 36.0 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: 38.553 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

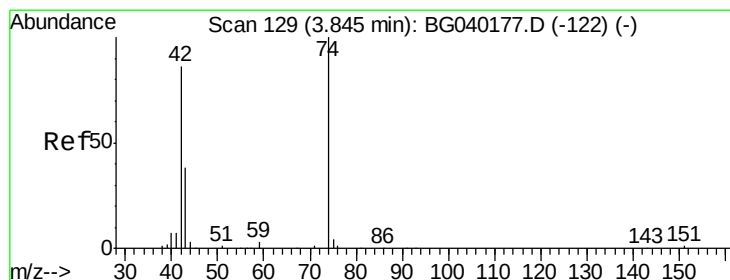
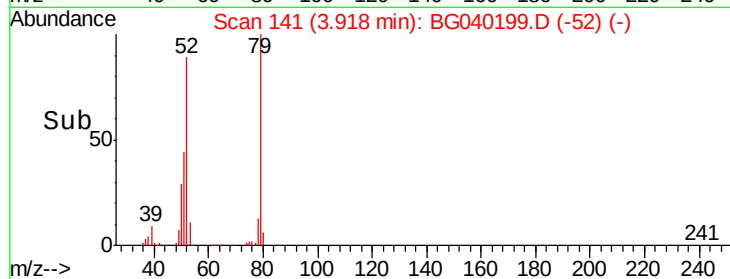
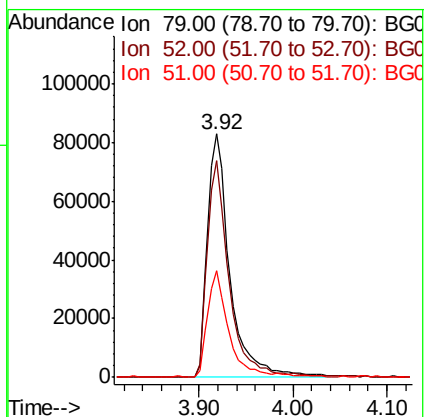
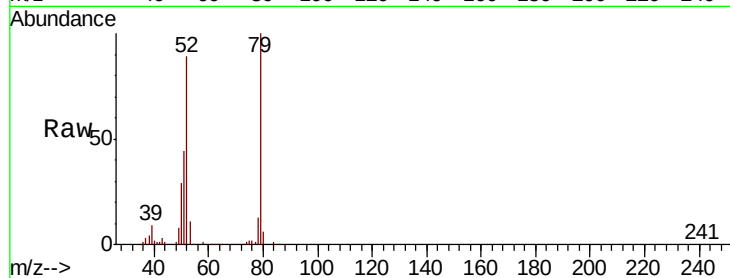
Tgt Ion: 79 Resp: 140199

Ion Ratio Lower Upper

79 100

52 89.1 69.8 104.8

51 44.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 39.355 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

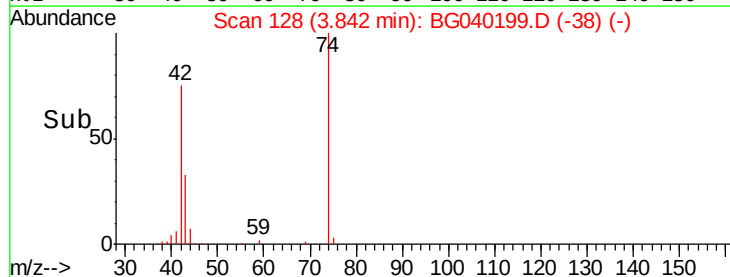
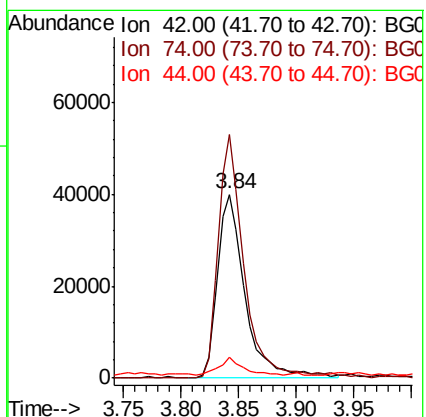
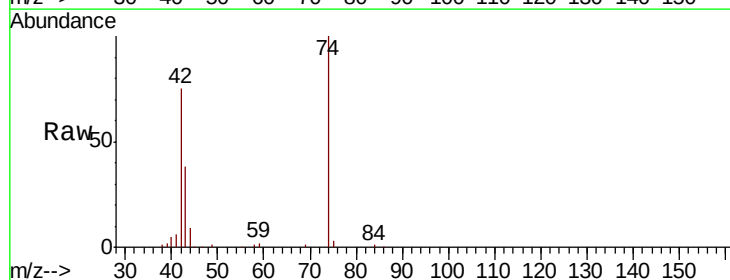
Tgt Ion: 42 Resp: 66201

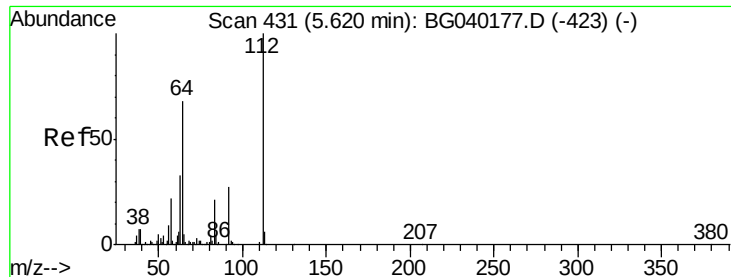
Ion Ratio Lower Upper

42 100

74 132.6 92.9 139.3

44 11.6 9.7 14.5





#5

2-Fluorophenol

Concen: 133.789 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

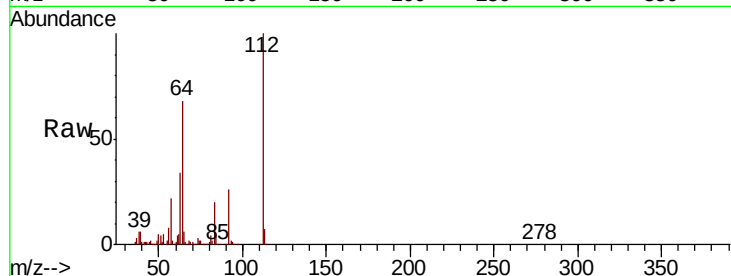
Tgt Ion: 112 Resp: 384295

Ion Ratio Lower Upper

112 100

64 67.6 54.2 81.2

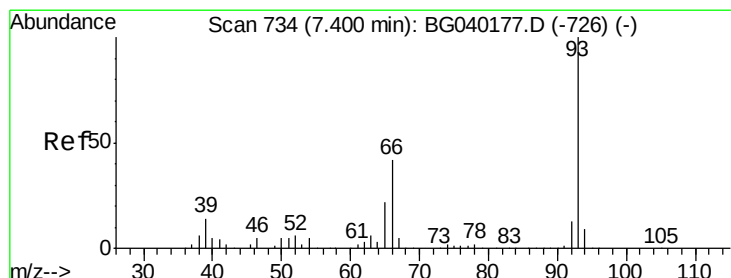
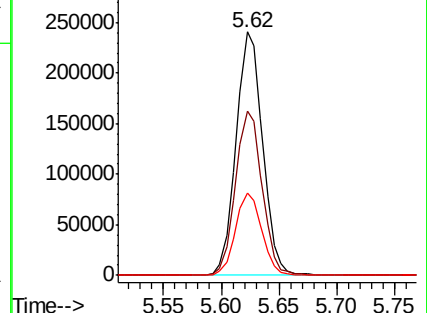
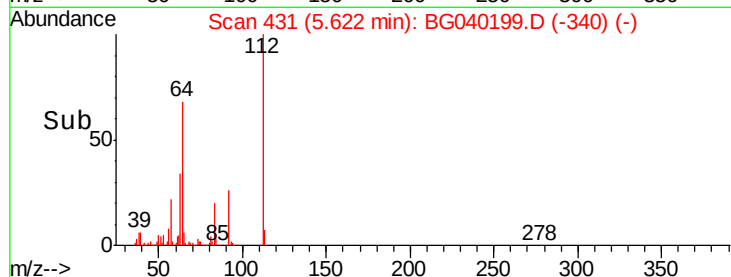
63 34.0 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.381 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

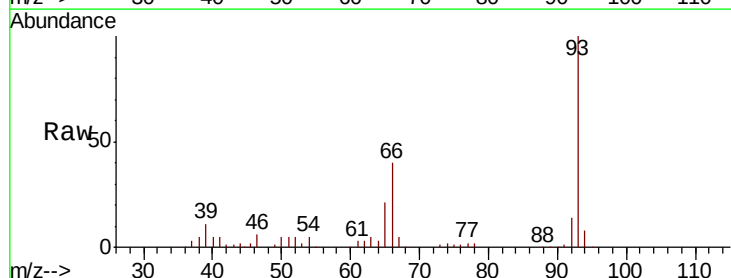
Tgt Ion: 93 Resp: 146373

Ion Ratio Lower Upper

93 100

66 39.7 33.6 50.4

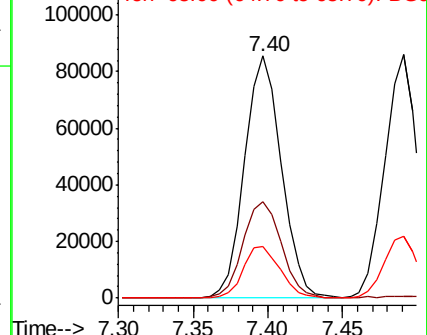
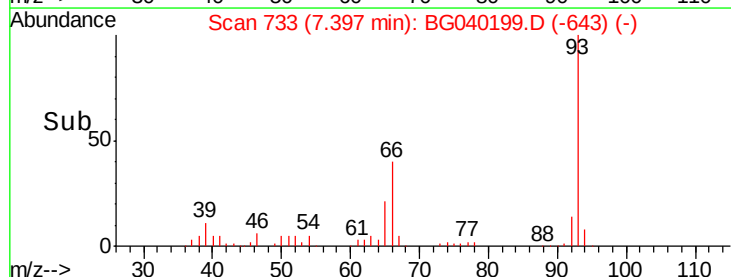
65 21.2 17.4 26.2

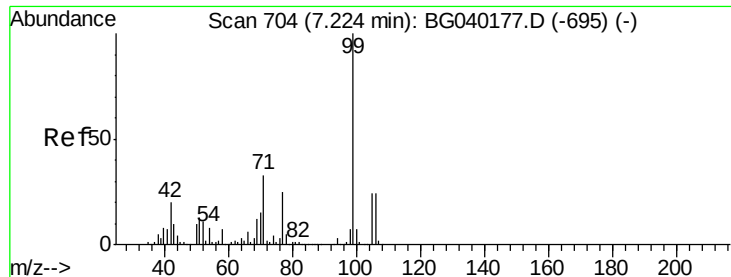


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.819 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

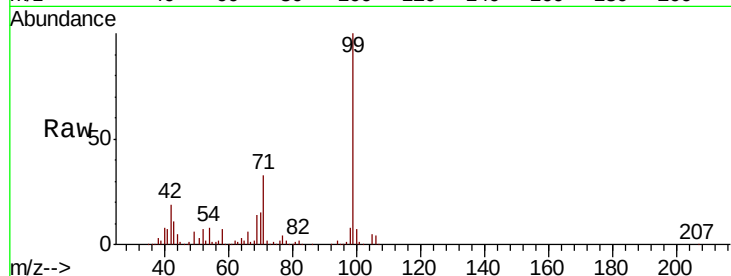
Tgt Ion: 99 Resp: 511373

Ion Ratio Lower Upper

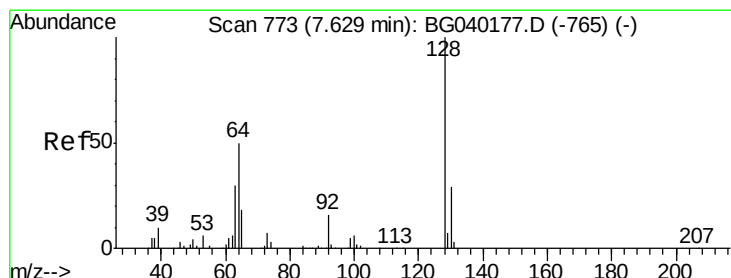
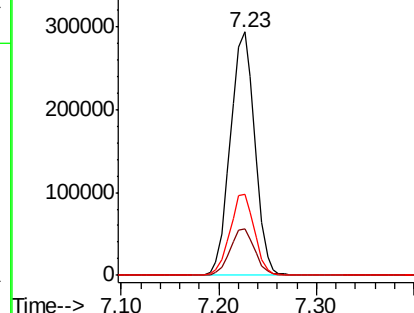
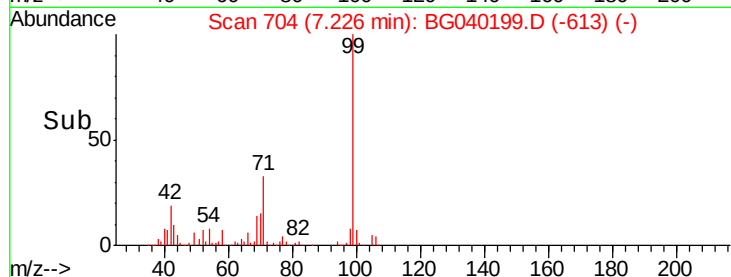
99 100

42 19.3 16.2 24.2

71 33.2 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: 40.445 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

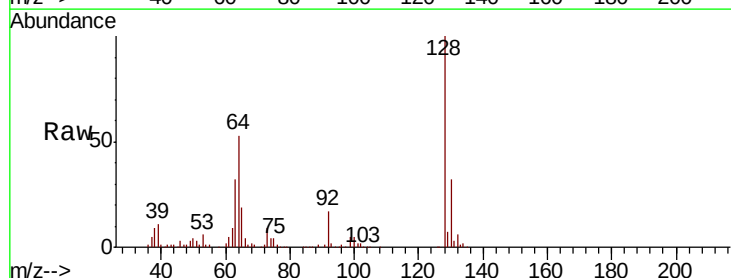
Tgt Ion: 128 Resp: 135993

Ion Ratio Lower Upper

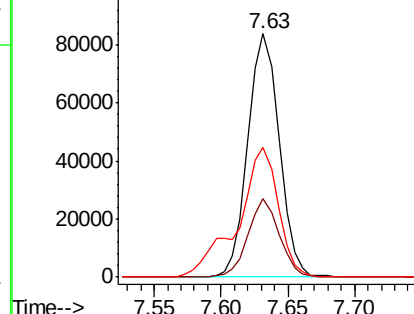
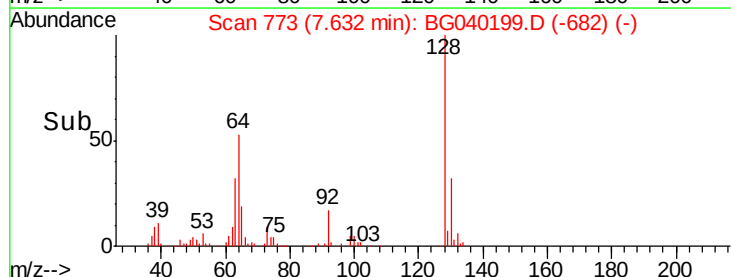
128 100

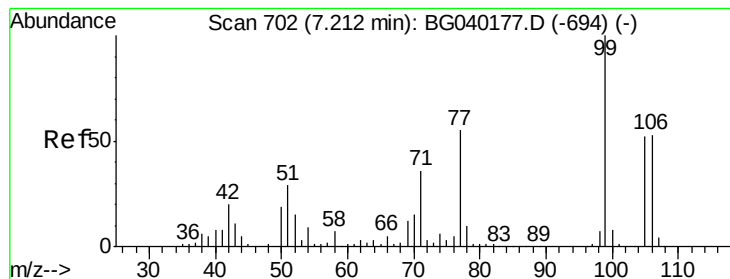
130 32.3 9.1 49.1

64 53.1 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: 17.793 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

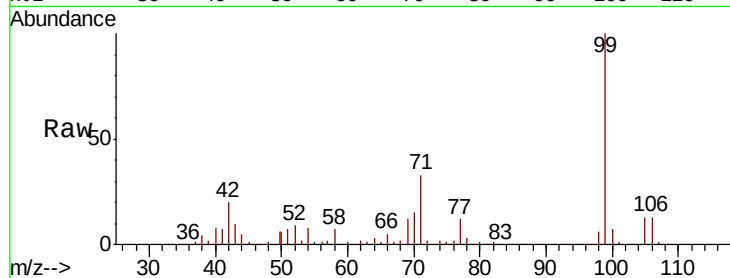
Tgt Ion: 77 Resp: 48451

Ion Ratio Lower Upper

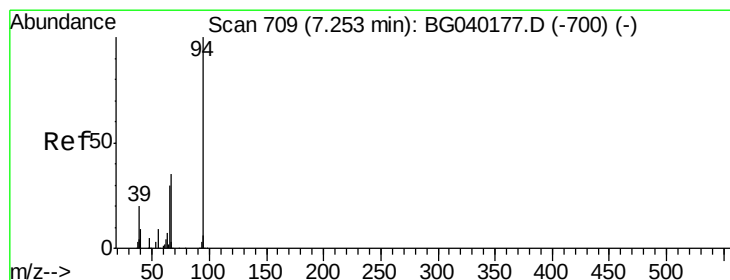
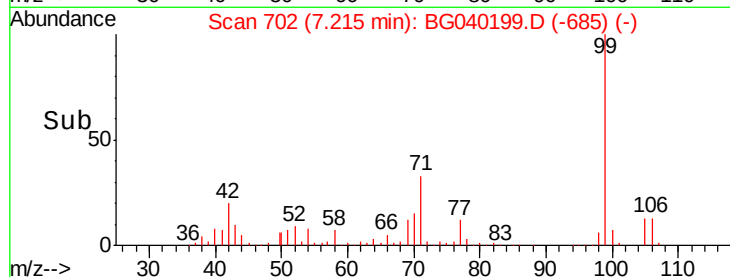
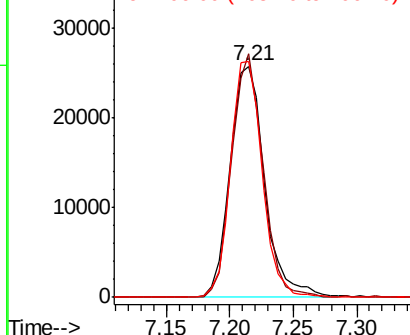
77 100

105 105.2 75.0 115.0

106 101.7 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: 41.565 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

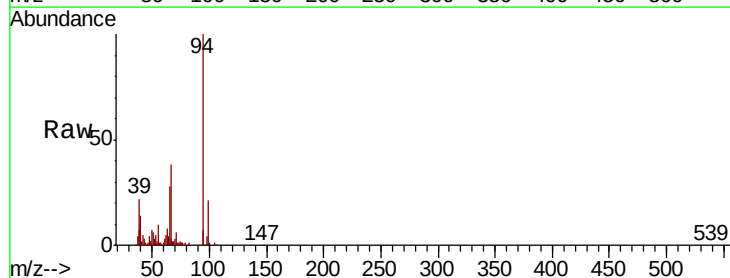
Tgt Ion: 94 Resp: 179097

Ion Ratio Lower Upper

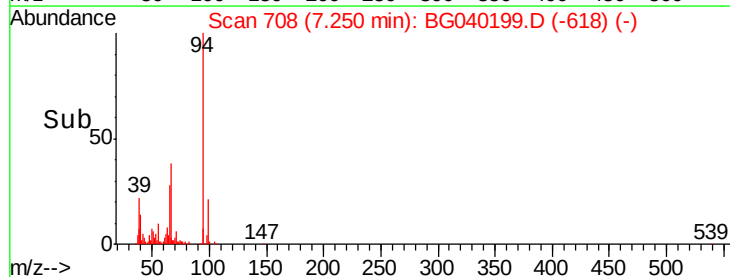
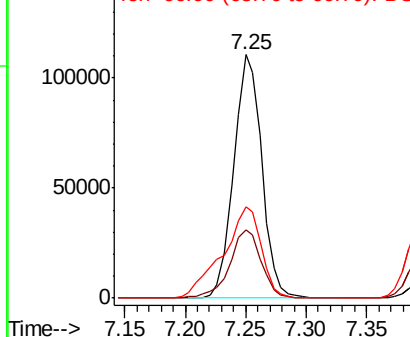
94 100

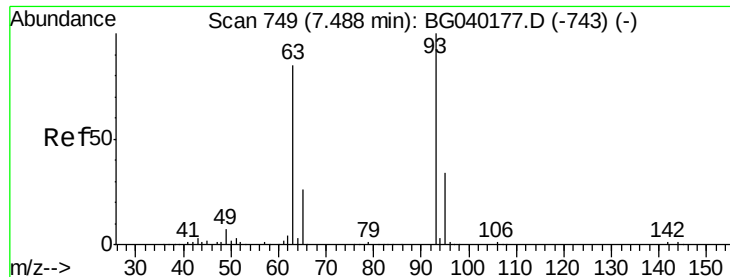
65 28.3 10.5 50.5

66 37.7 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

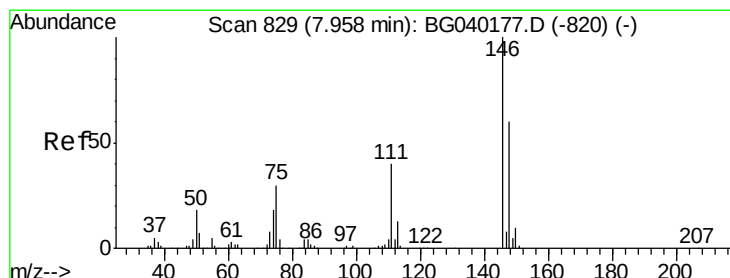
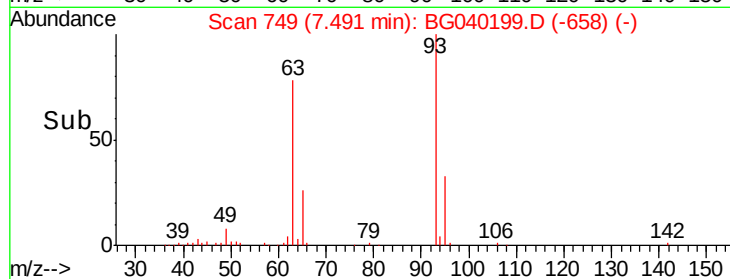
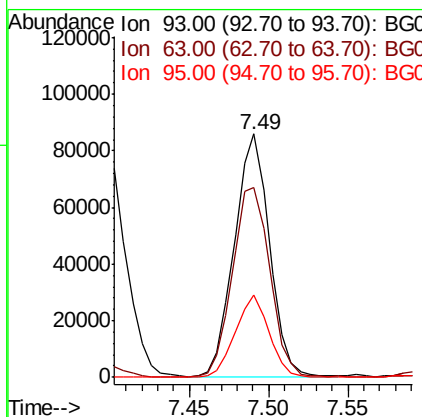
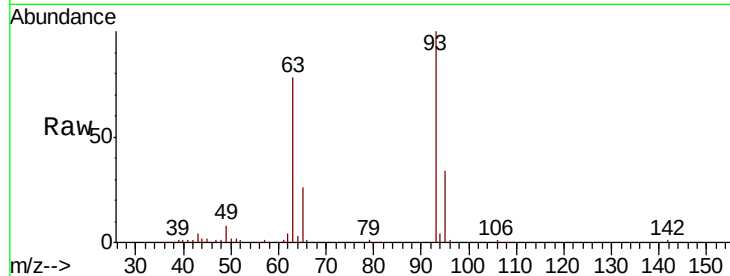




#11
bis(2-Chloroethyl)ether
Concen: 38.026 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

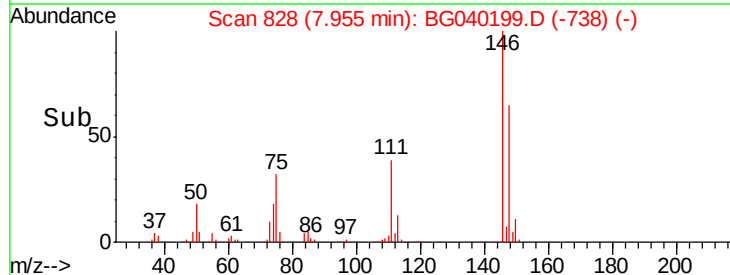
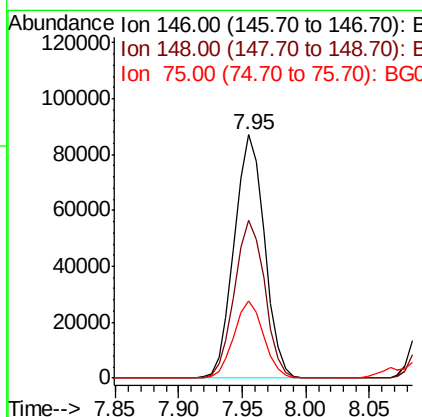
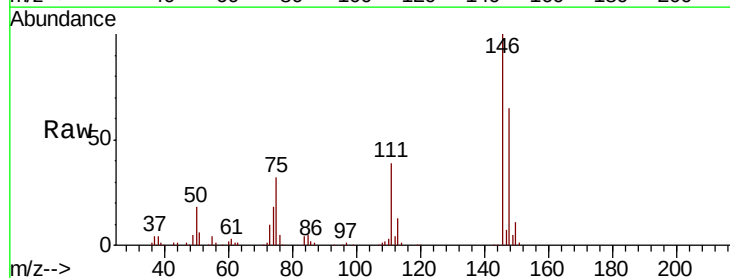
Instrument :
BNA_G
ClientSampleId :
PB118351BS

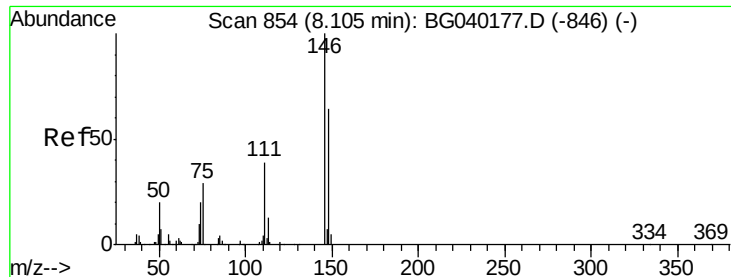
Tgt Ion: 93 Resp: 131230
Ion Ratio Lower Upper
93 100
63 78.0 64.2 104.2
95 33.6 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.413 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion: 146 Resp: 144060
Ion Ratio Lower Upper
146 100
148 64.6 48.2 72.2
75 31.5 24.1 36.1

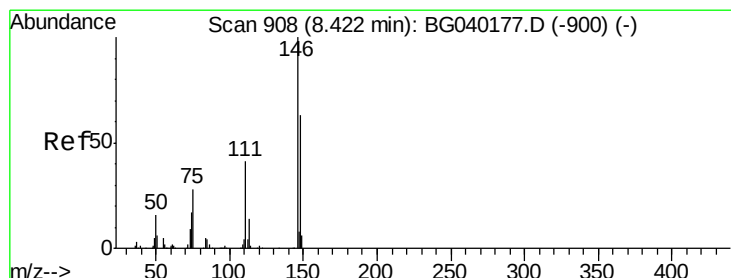
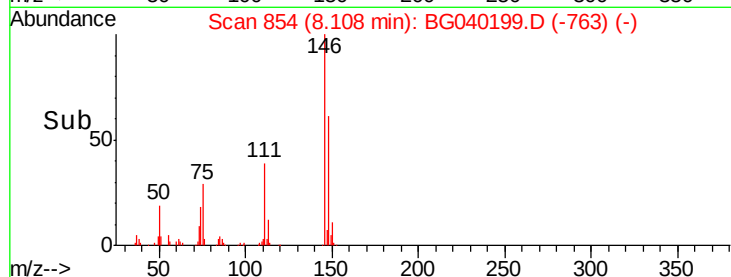
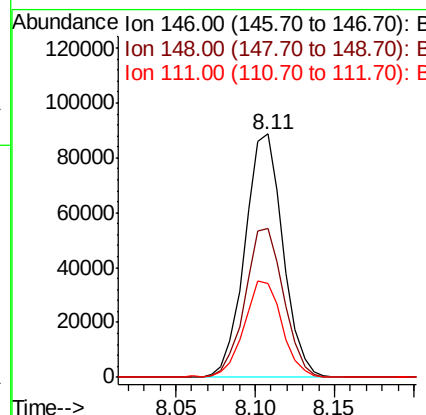
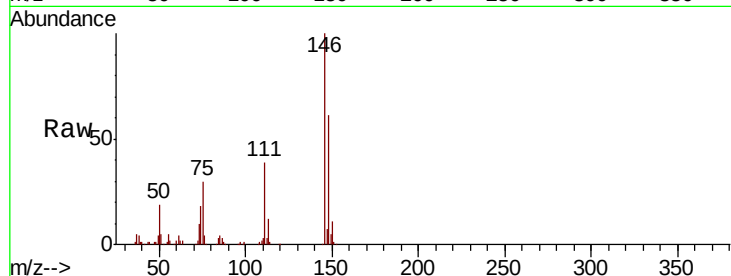




#13
 1,4-Dichlorobenzene
 Concen: 40.573 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

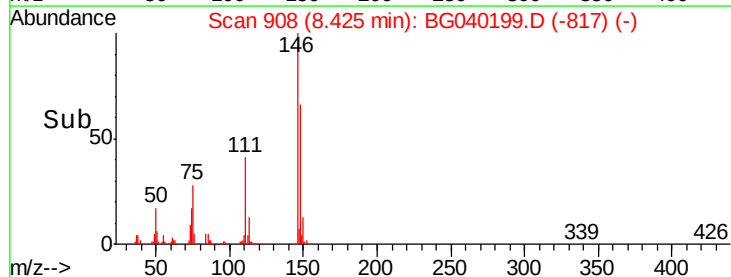
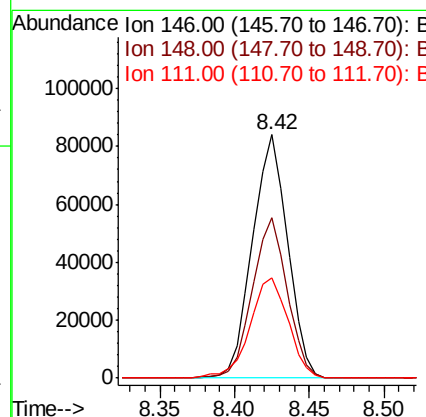
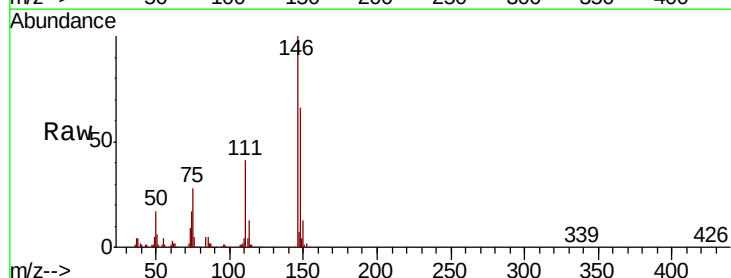
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

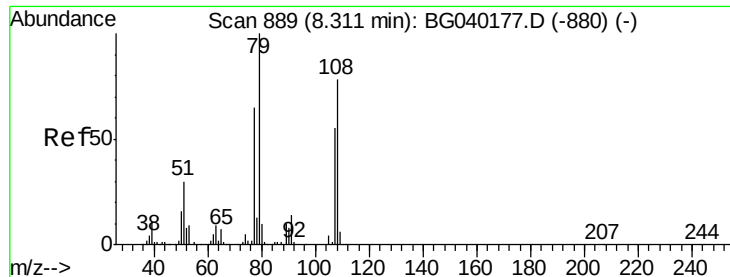
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.4
111	38.5	31.8	47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.337 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	41.2	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.147 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

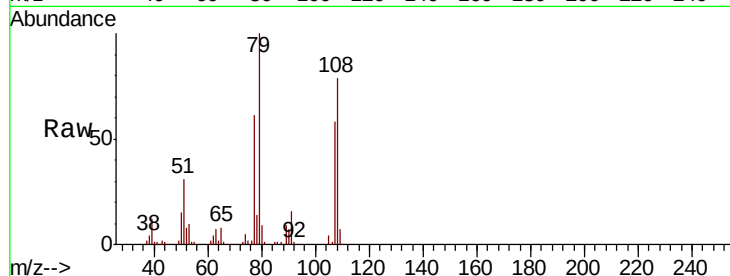
Tgt Ion: 79 Resp: 118759

Ion Ratio Lower Upper

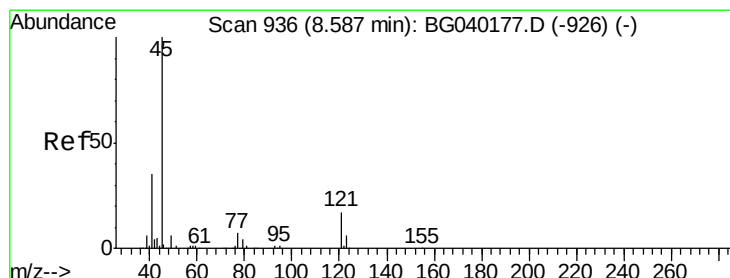
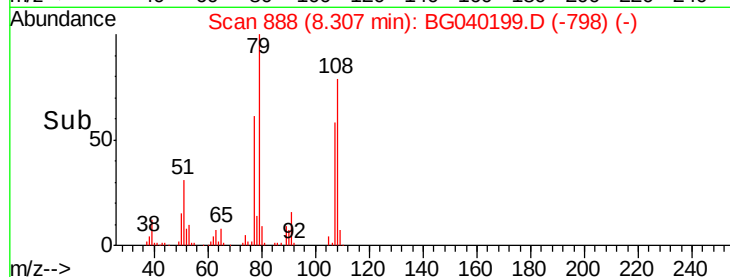
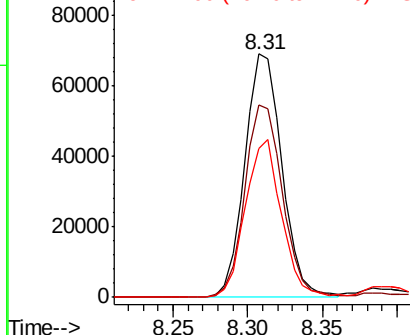
79 100

108 79.0 62.1 93.1

77 60.9 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: 37.269 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

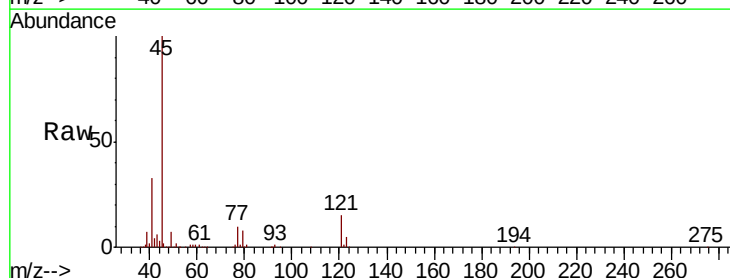
Tgt Ion: 45 Resp: 246844

Ion Ratio Lower Upper

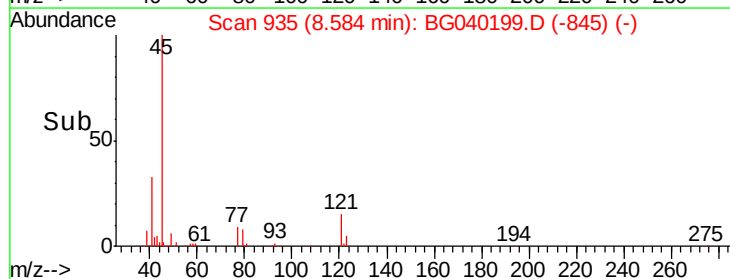
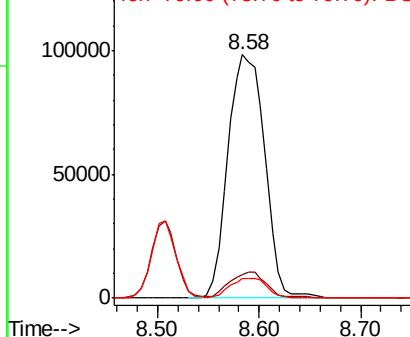
45 100

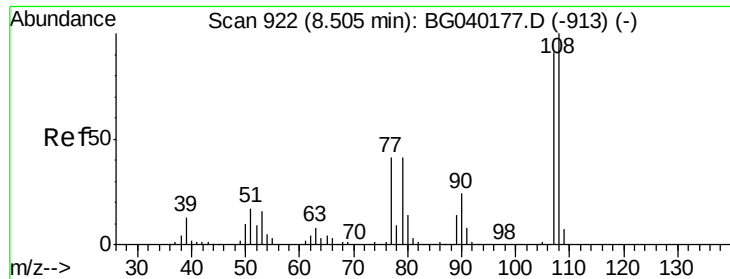
77 9.6 0.0 31.4

79 8.1 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

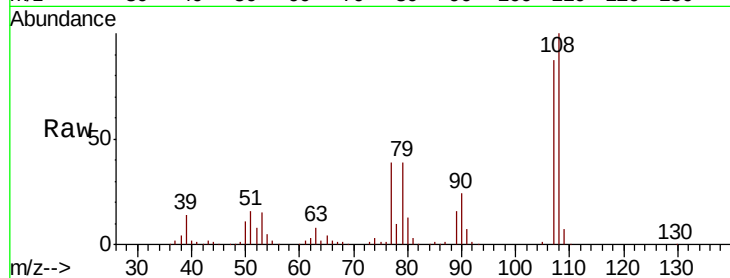




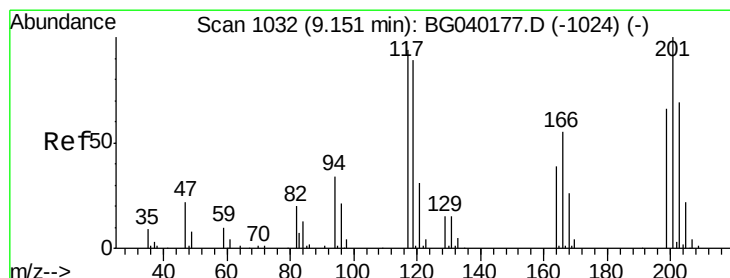
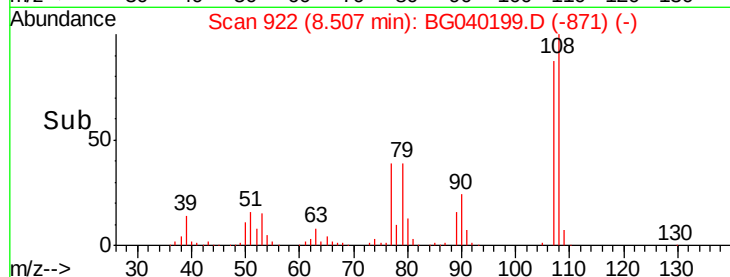
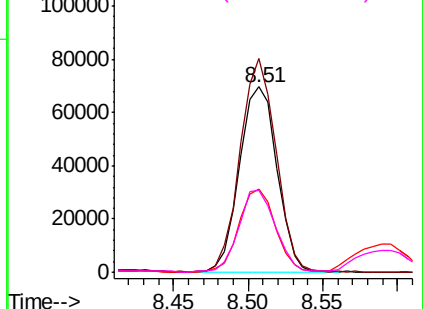
#17
2-Methylphenol
Concen: 40.897 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tgt Ion:107 Resp: 121938
Ion Ratio Lower Upper
107 100
108 115.1 88.2 132.4
77 45.1 36.6 55.0
79 44.5 36.5 54.7

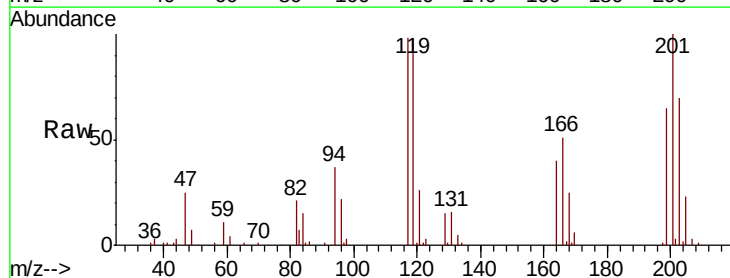


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

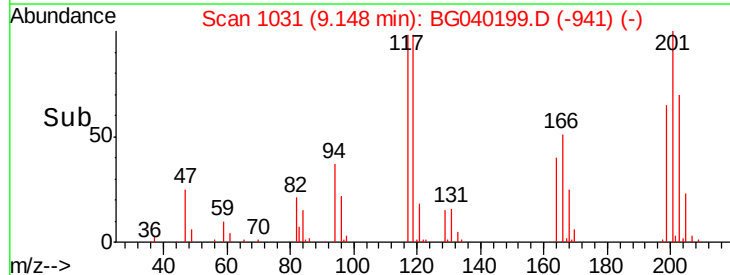
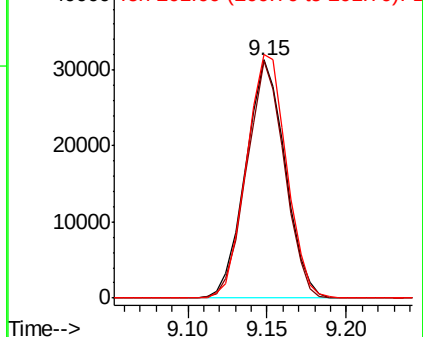


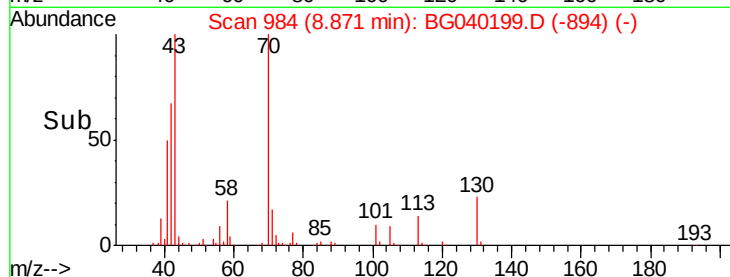
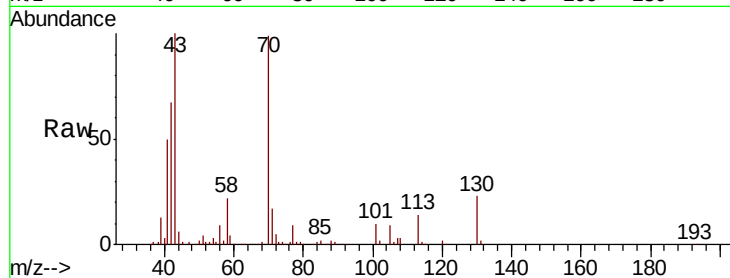
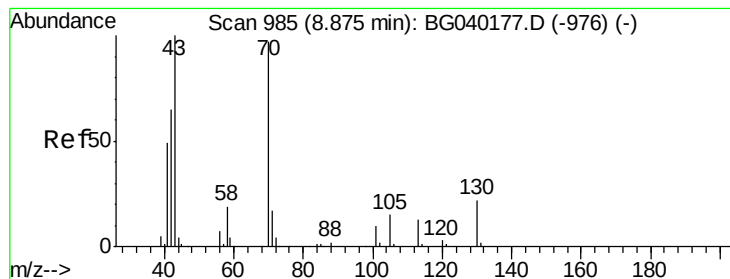
#18
Hexachloroethane
Concen: 39.045 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:117 Resp: 54068
Ion Ratio Lower Upper
117 100
119 99.6 76.6 115.0
201 105.2 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: 35.965 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

Tgt Ion: 70 Resp: 102364

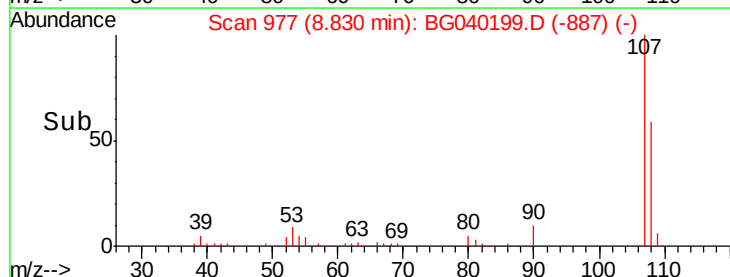
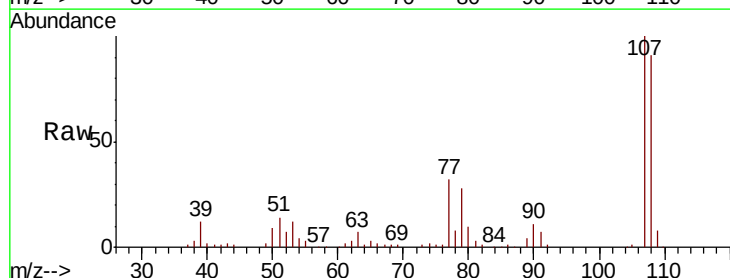
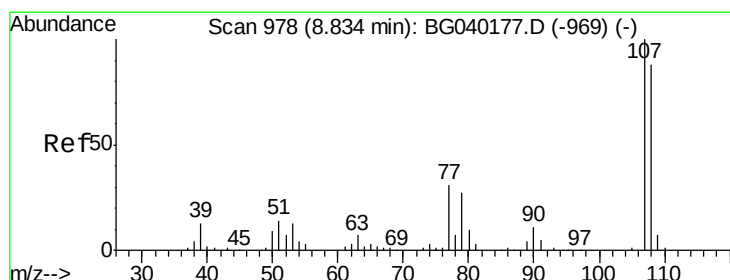
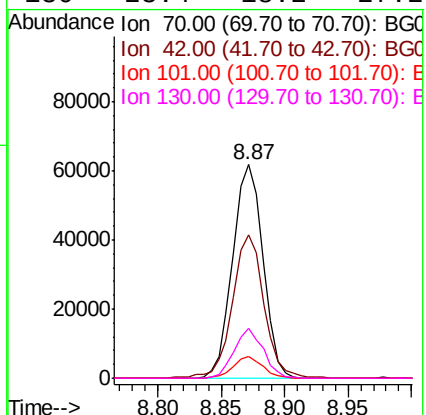
Ion Ratio Lower Upper

70 100

42 67.0 54.0 81.0

101 10.0 8.6 13.0

130 23.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 39.848 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion: 107 Resp: 160952

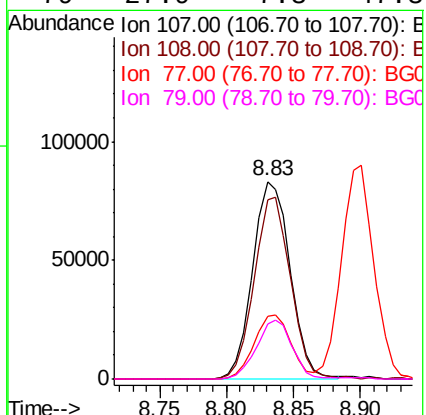
Ion Ratio Lower Upper

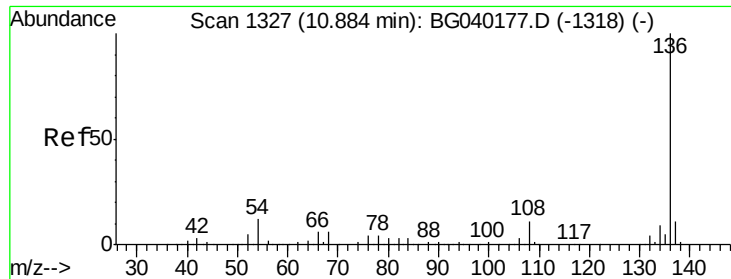
107 100

108 90.5 68.3 108.3

77 31.6 11.3 51.3

79 27.9 7.3 47.3

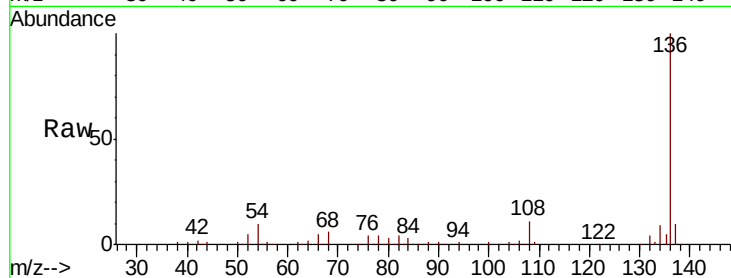




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tgt Ion:	136	Resp:	190564
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.3	9.6	14.4
68	6.2	5.1	7.7



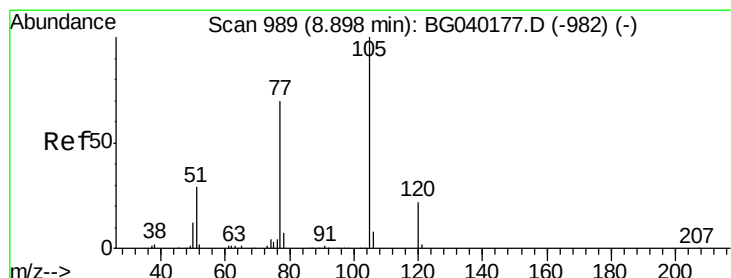
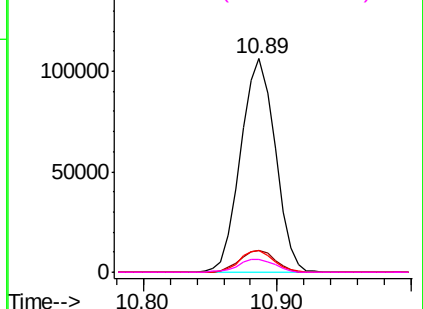
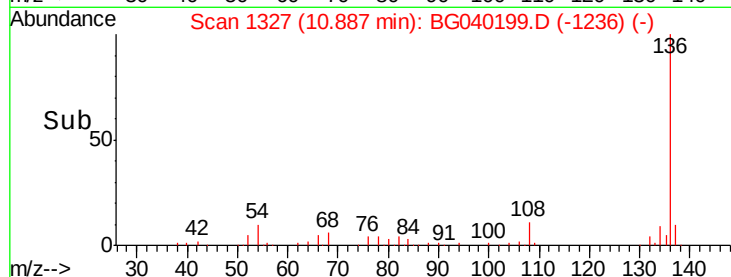
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

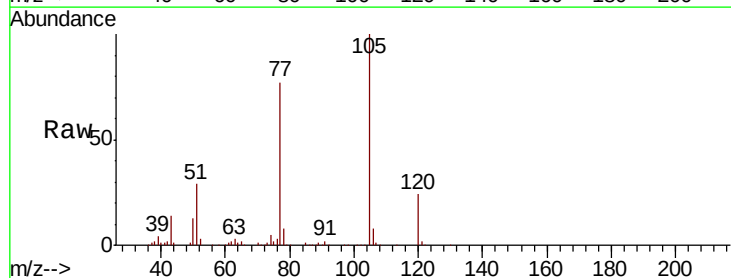
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.079 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	105	Resp:	200026
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.6	1.0#
51	29.1	25.1	37.7
120	23.6	17.6	26.4



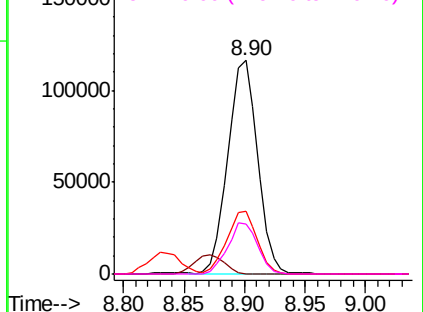
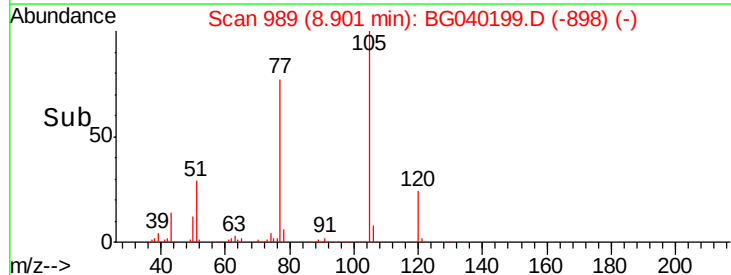
Abundance

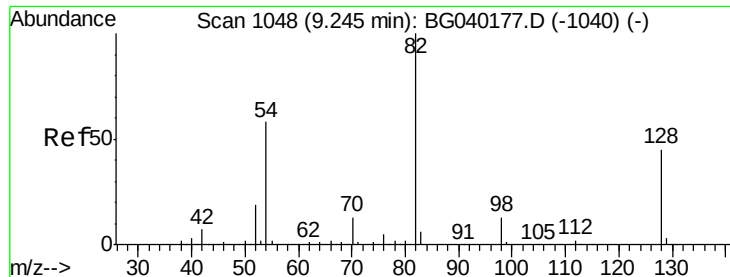
Ion 105.00 (104.70 to 105.70): E

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

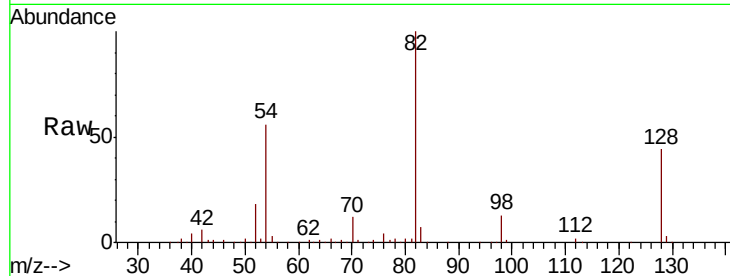




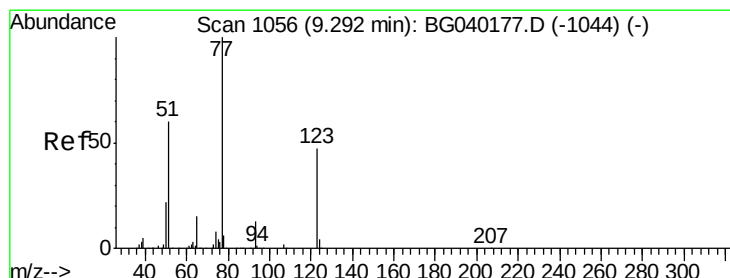
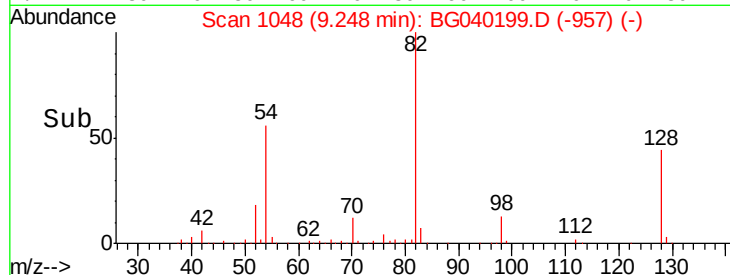
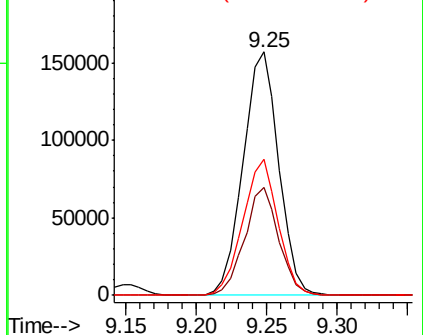
#23
 Nitrobenzene-d5
 Concen: 77.464 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tgt Ion: 82 Resp: 277721
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.8
 54 55.8 46.2 69.2

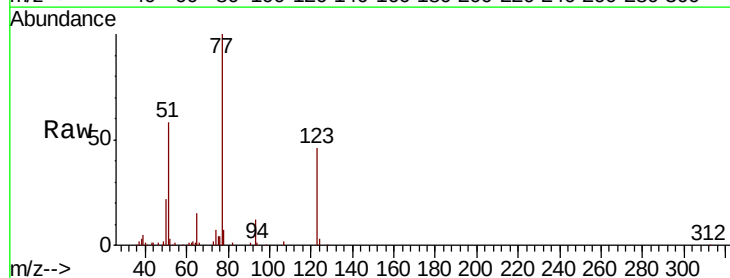


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

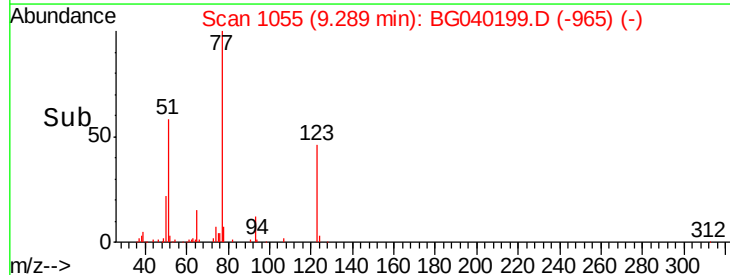
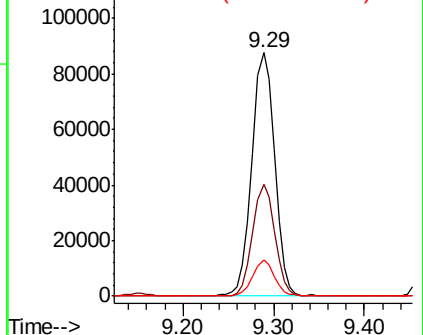


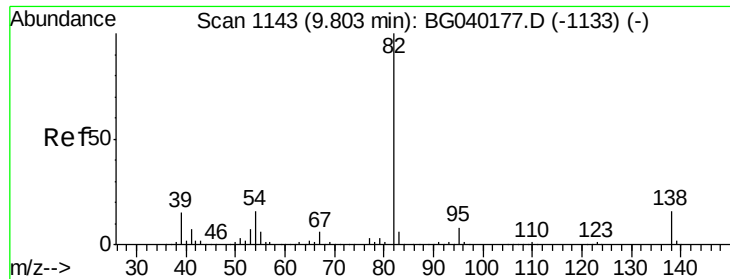
#24
 Nitrobenzene
 Concen: 41.505 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion: 77 Resp: 154088
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.8 56.6
 65 15.1 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

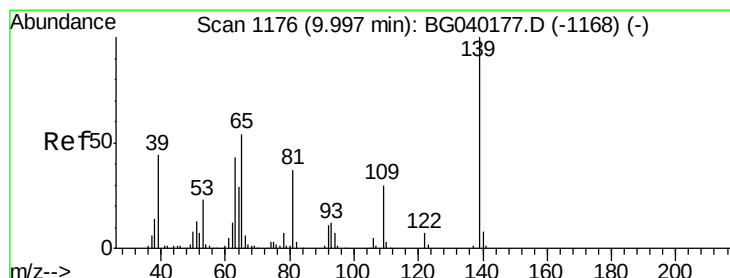
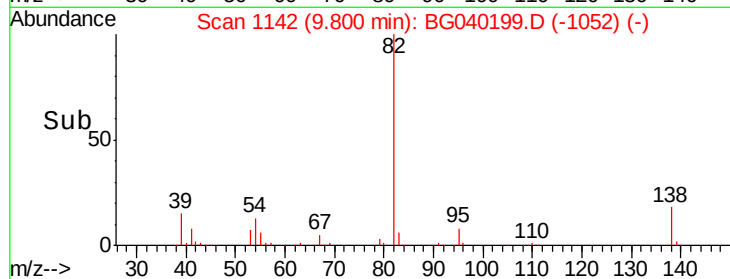
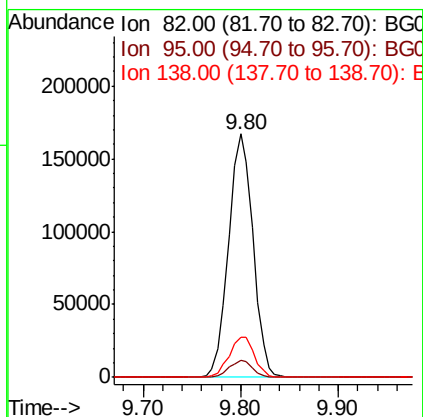
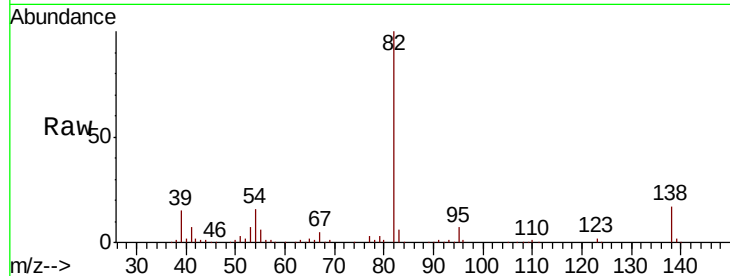




#25
Isophorone
Concen: 39.338 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

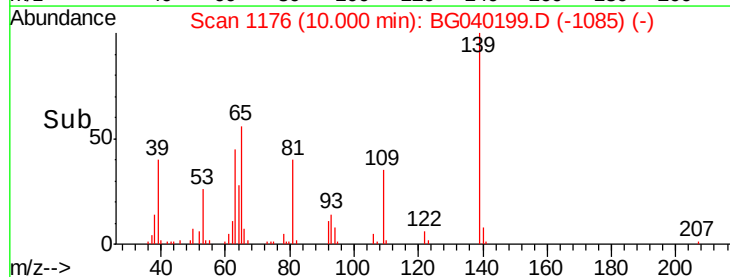
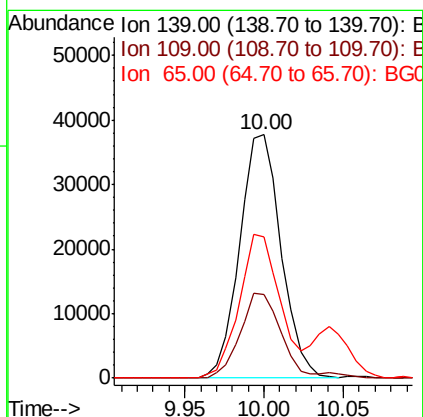
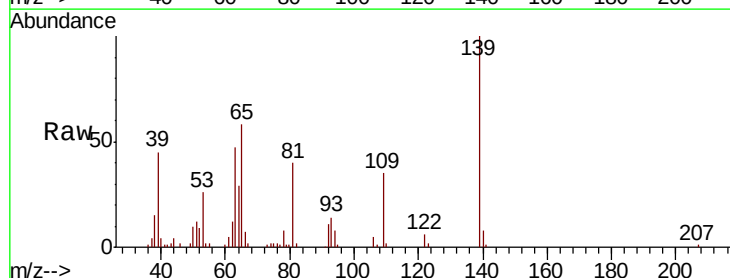
Instrument :
BNA_G
ClientSampleId :
PB118351BS

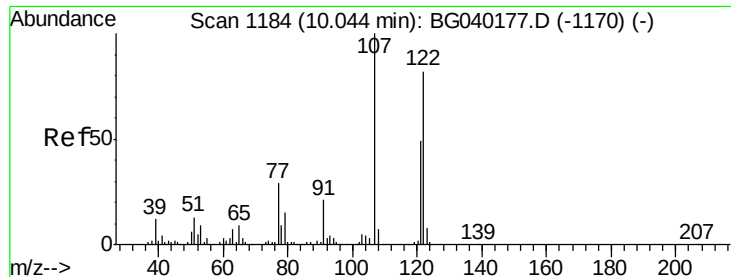
Tgt Ion: 82 Resp: 290184
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 38.815 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion: 139 Resp: 68281
Ion Ratio Lower Upper
139 100
109 34.5 24.1 36.1
65 57.8 43.0 64.6

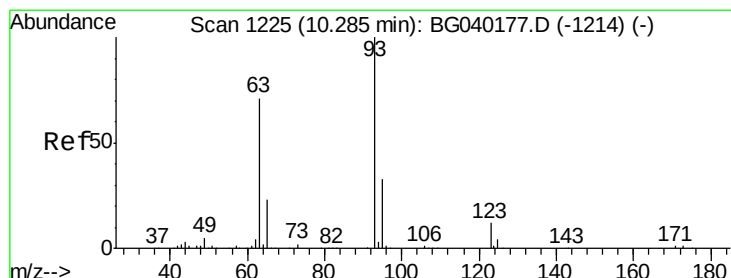
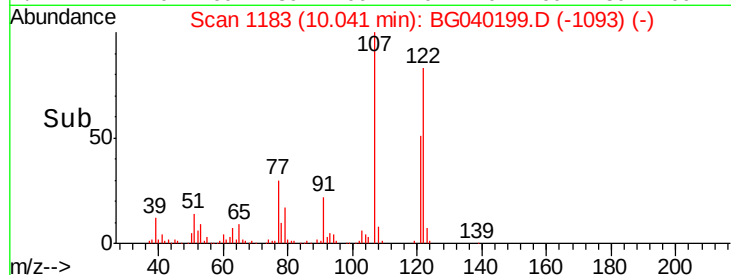
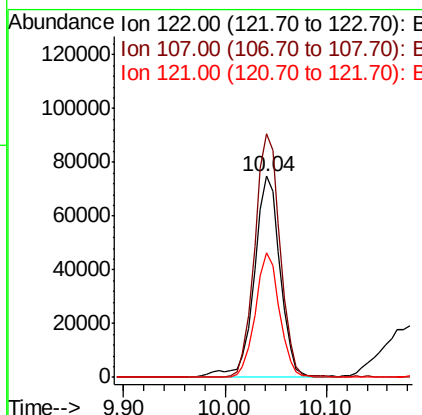
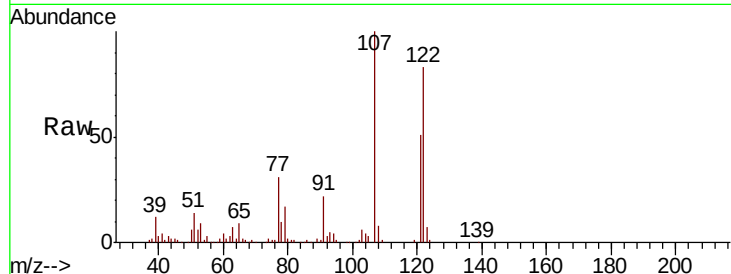




#27
 2,4-Dimethylphenol
 Concen: 47.361 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

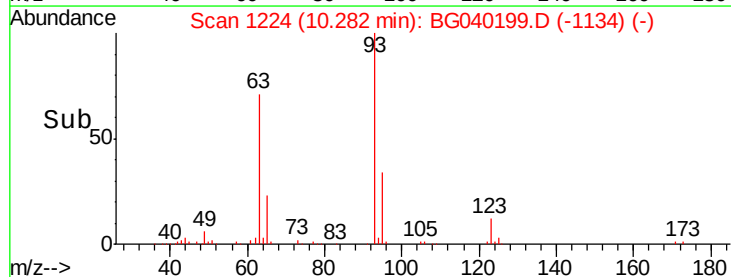
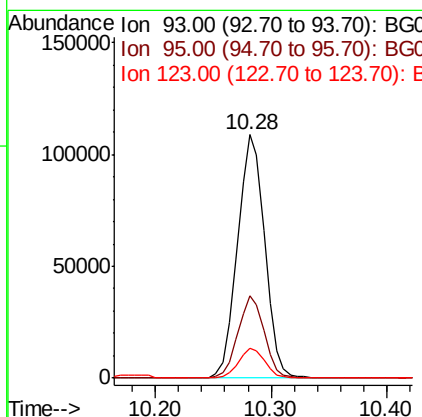
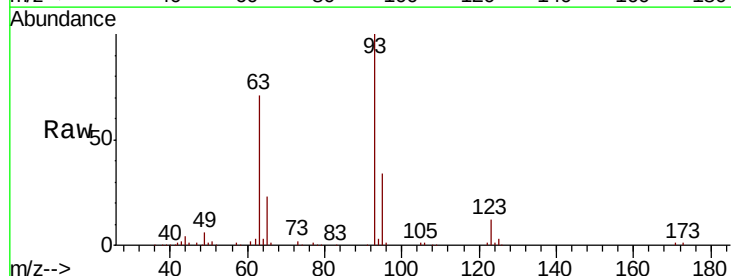
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

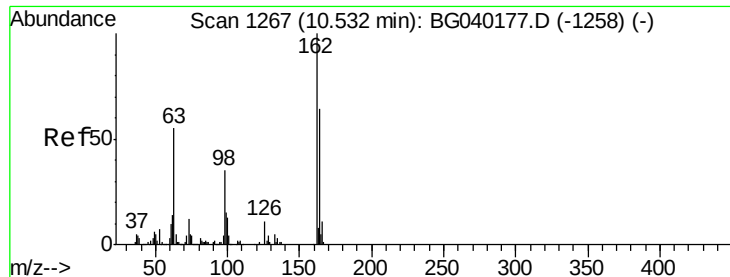
Tgt Ion:122 Resp: 132341
 Ion Ratio Lower Upper
 122 100
 107 121.0 97.4 146.2
 121 61.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.637 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion: 93 Resp: 177352
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.2 39.4
 123 12.0 9.4 14.0

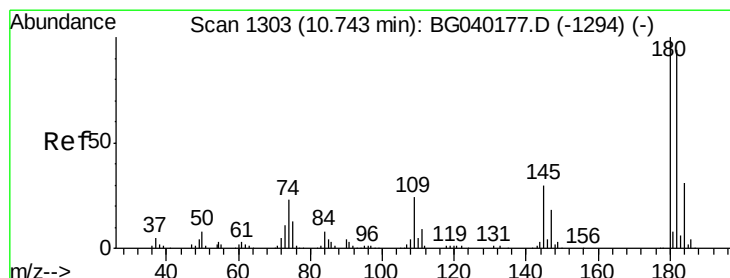
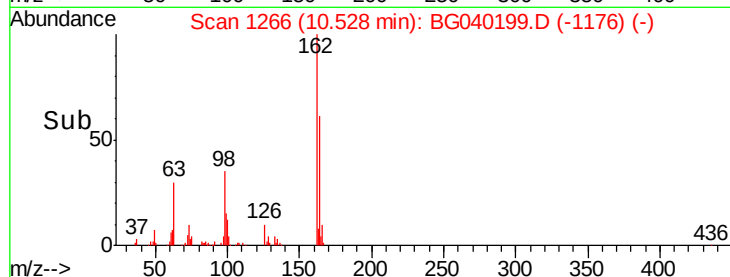
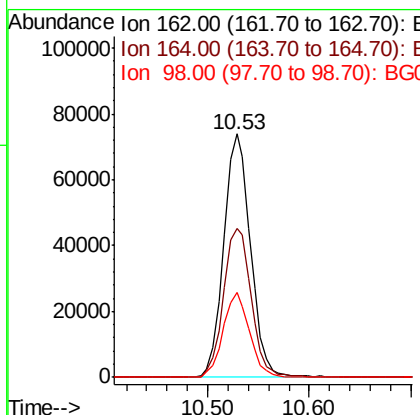
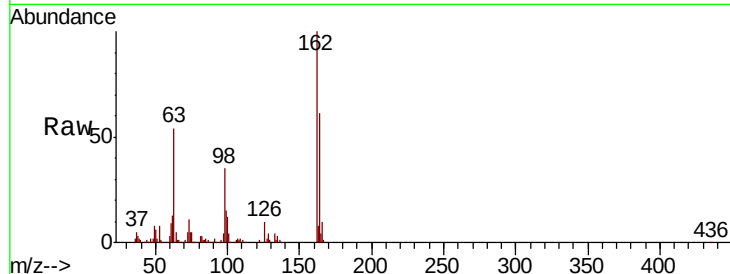




#29
 2,4-Dichlorophenol
 Concen: 44.550 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

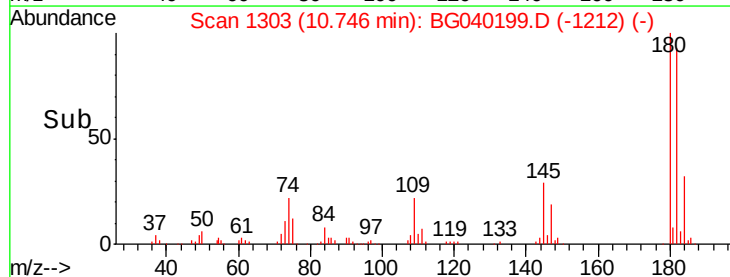
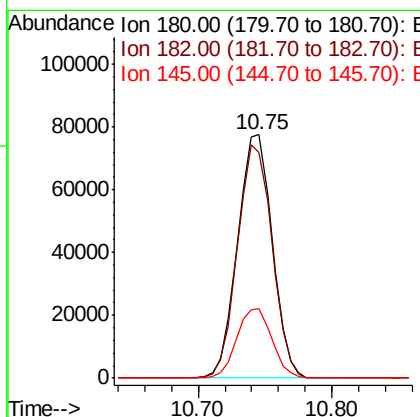
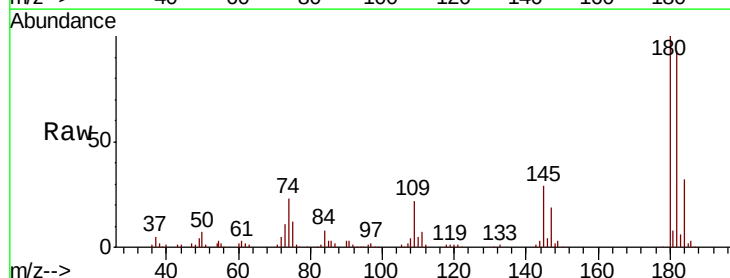
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

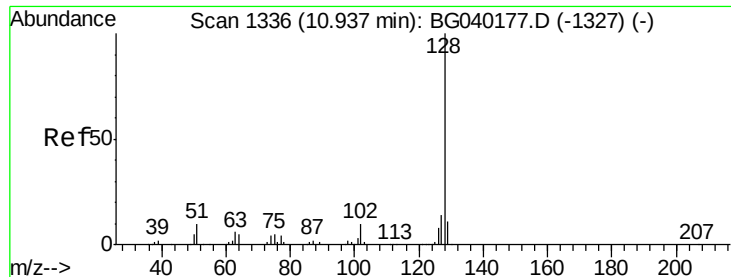
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	43.9	83.9
98	35.0	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.874 ng
 RT: 10.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.1	112.7
145	28.6	24.1	36.1

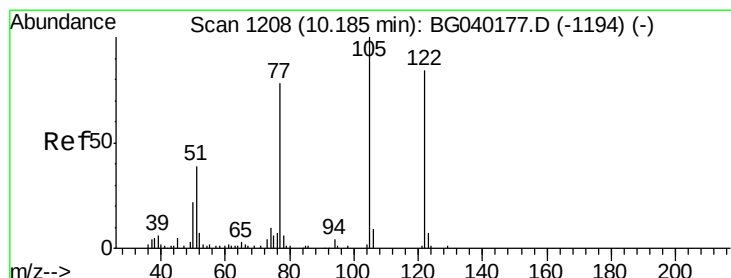
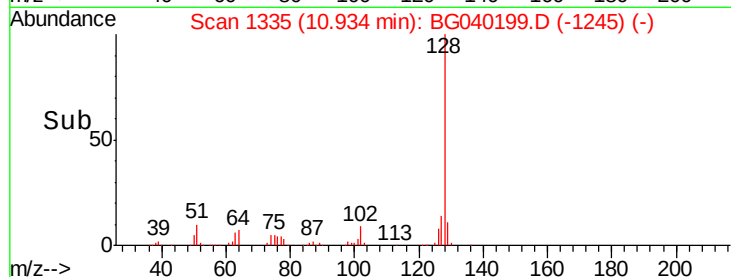
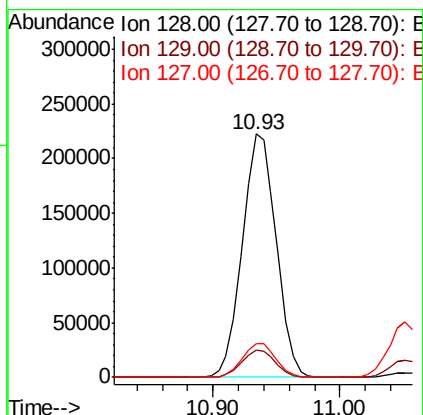
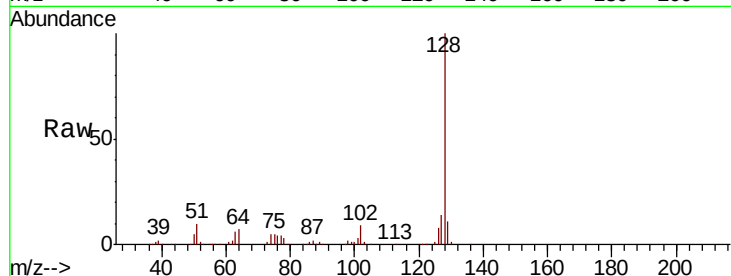




#31
Naphthalene
Concen: 42.131 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

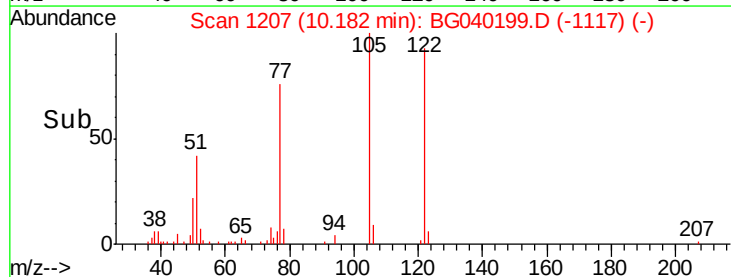
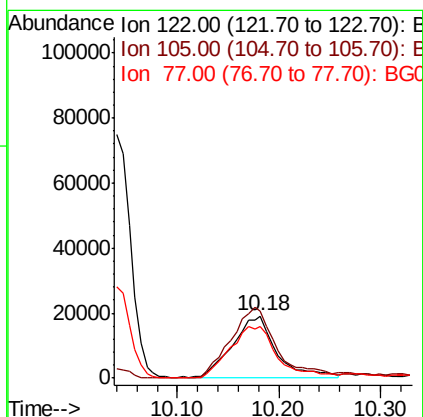
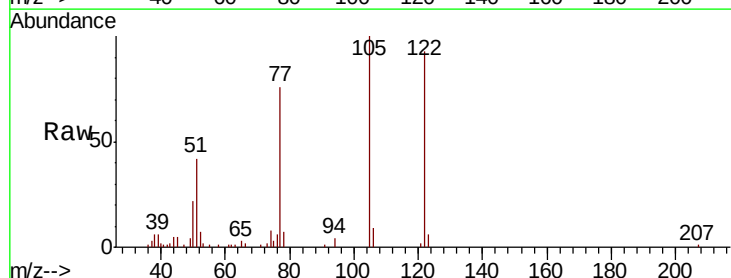
Instrument :
BNA_G
ClientSampleId :
PB118351BS

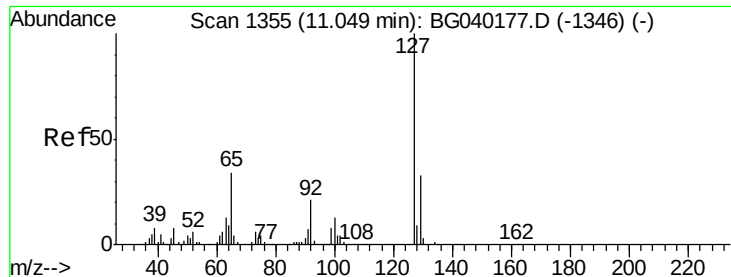
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.7	11.4	17.0



#32
Benzoic acid
Concen: 34.039 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.0	98.2	138.2
77	82.2	73.6	113.6

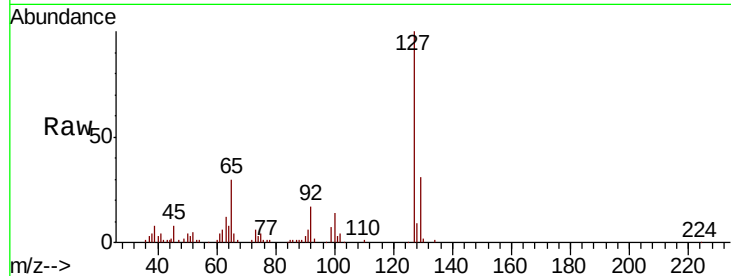




#33
4-Chloroaniline
Concen: 23.133 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tgt Ion:	127	Resp:	96382
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	30.5	27.0	40.4
92	17.3	16.6	25.0



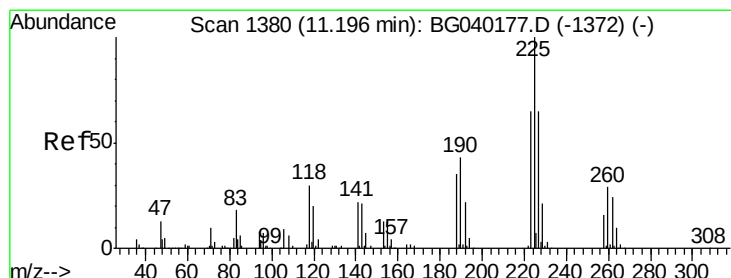
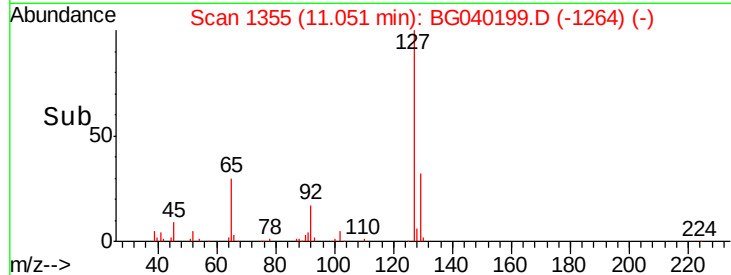
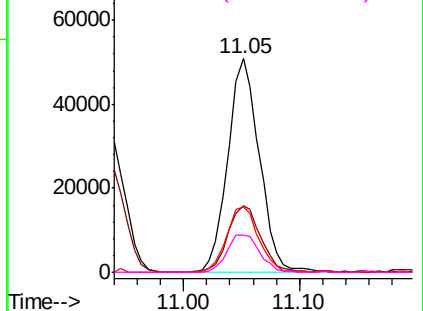
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

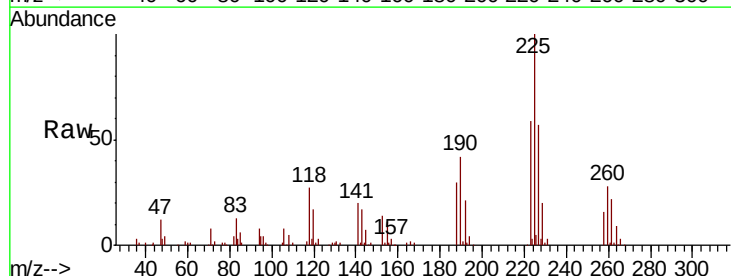
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.500 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	225	Resp:	86261
Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.8	77.8
227	57.3	54.9	82.3

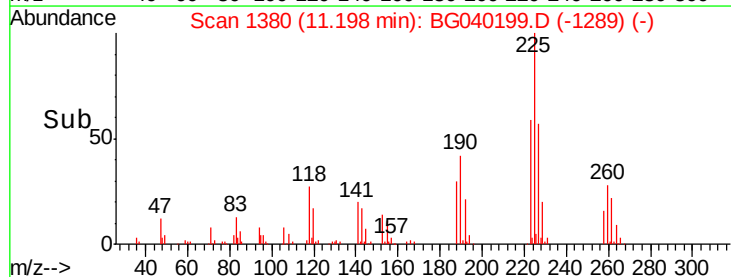
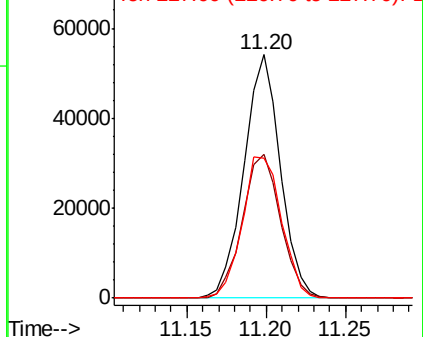


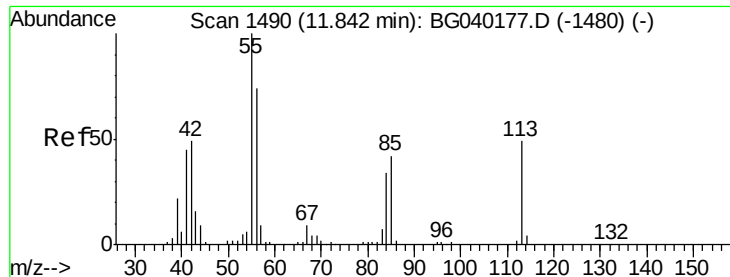
Abundance

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: 23.363 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

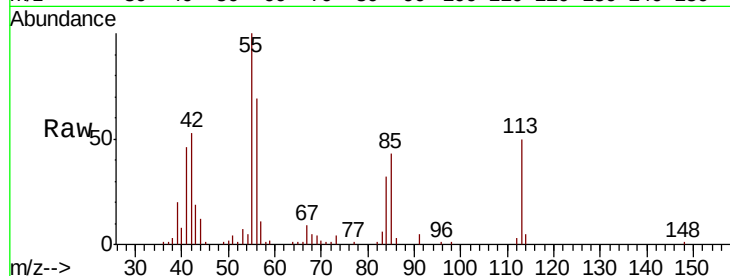
Tgt Ion:113 Resp: 28120

Ion Ratio Lower Upper

113 100

55 201.1 184.2 224.2

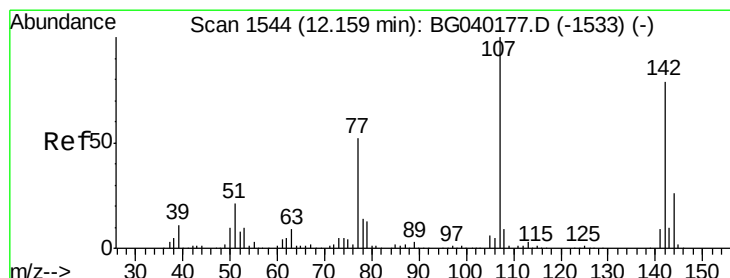
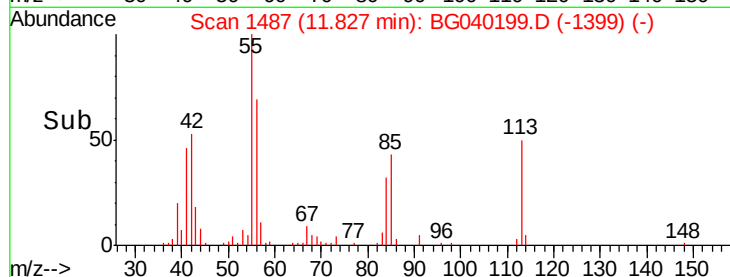
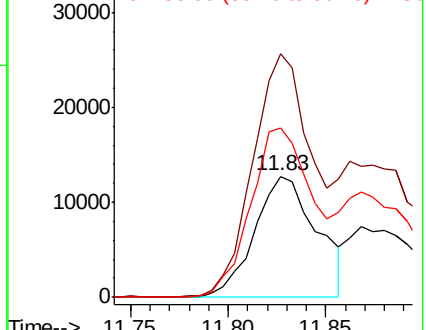
56 139.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.476 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

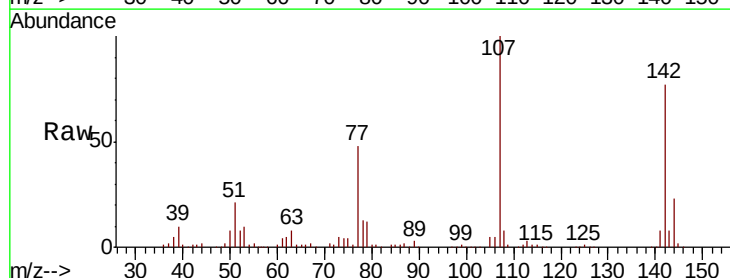
Tgt Ion:107 Resp: 148108

Ion Ratio Lower Upper

107 100

144 22.9 20.5 30.7

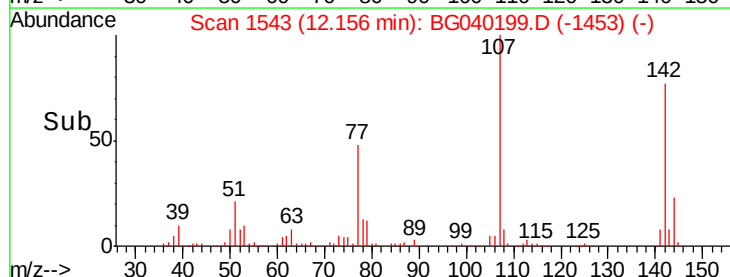
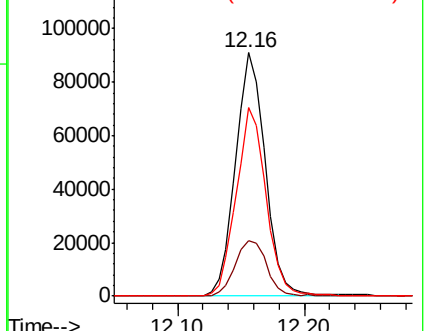
142 77.4 63.1 94.7

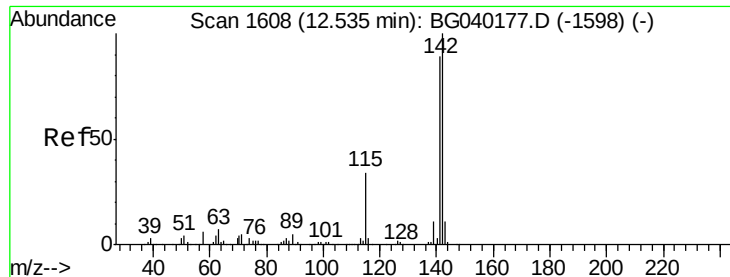


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

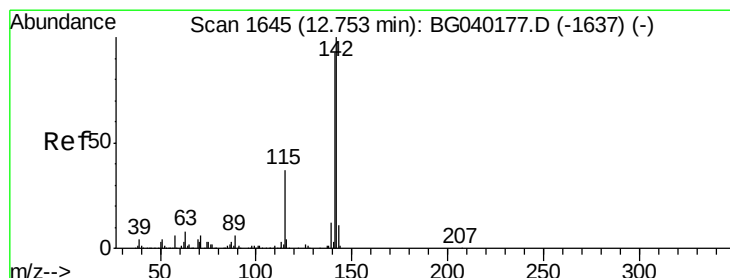
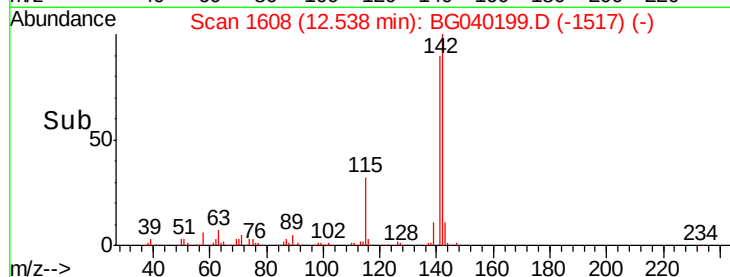
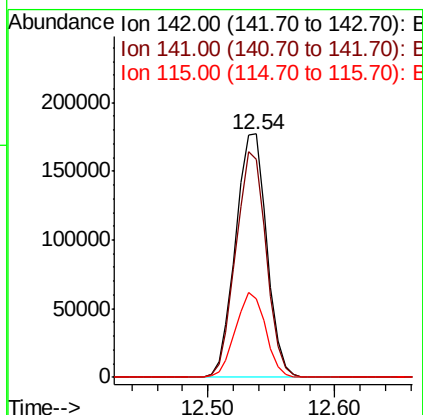
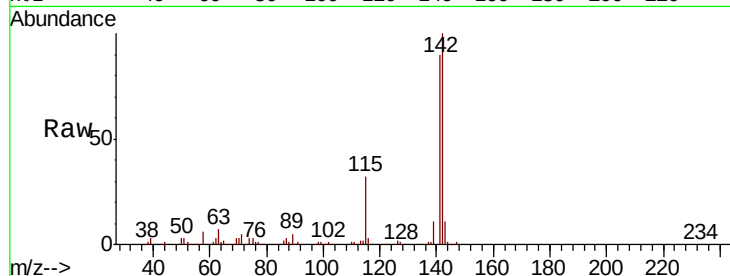




#37
 2-Methylnaphthalene
 Concen: 41.809 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

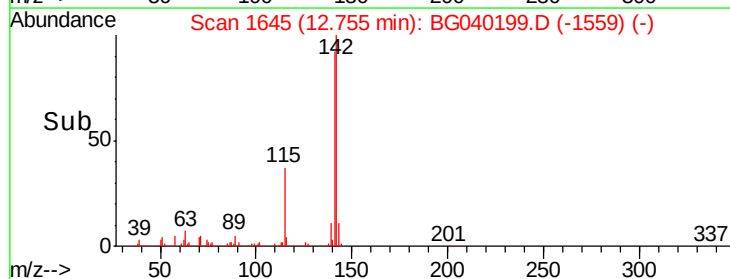
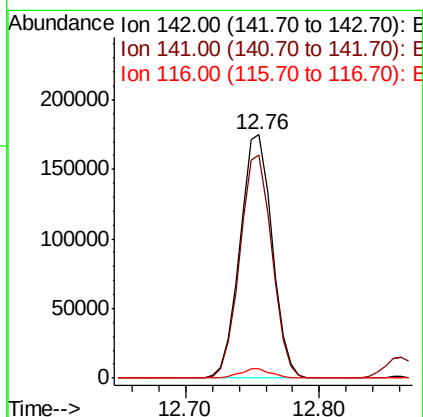
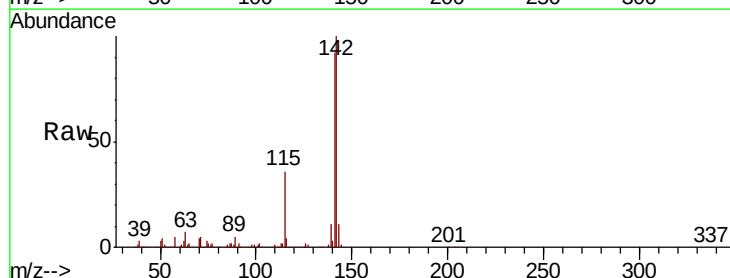
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

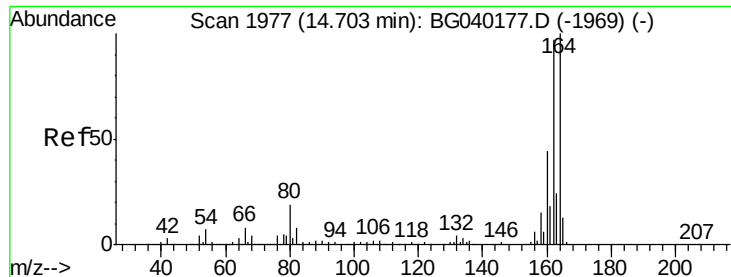
Tgt Ion:142 Resp: 302031
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 32.3 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.371 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion:142 Resp: 289812
 Ion Ratio Lower Upper
 142 100
 141 91.6 74.2 111.4
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

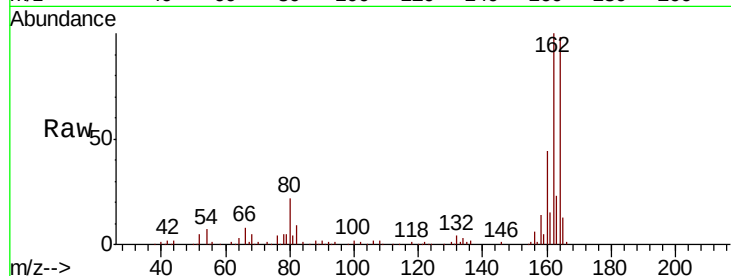
Tgt Ion:164 Resp: 117220

Ion Ratio Lower Upper

164 100

162 102.1 77.4 116.2

160 45.4 35.3 52.9

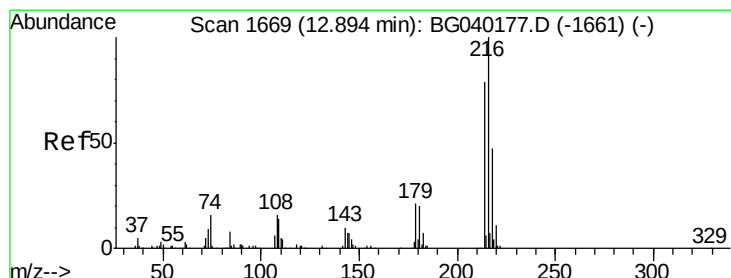
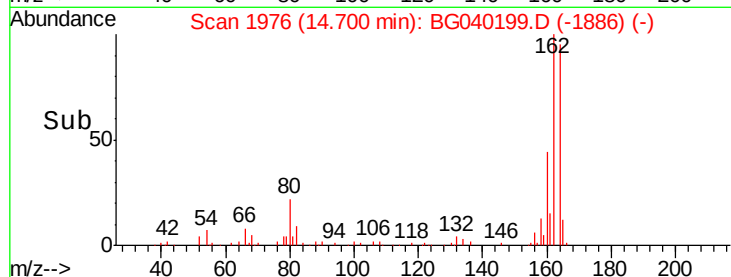
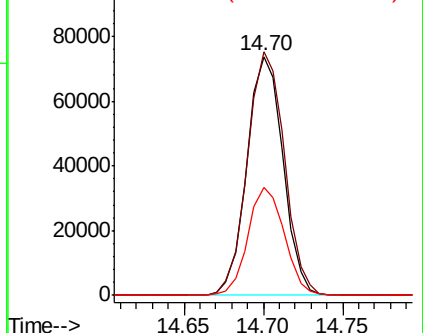


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.293 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:216 Resp: 150118

Ion Ratio Lower Upper

216 100

214 80.6 63.5 95.3

179 21.5 16.6 25.0

108 19.9 13.8 20.8

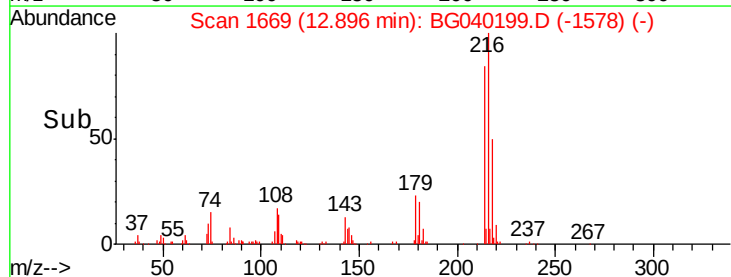
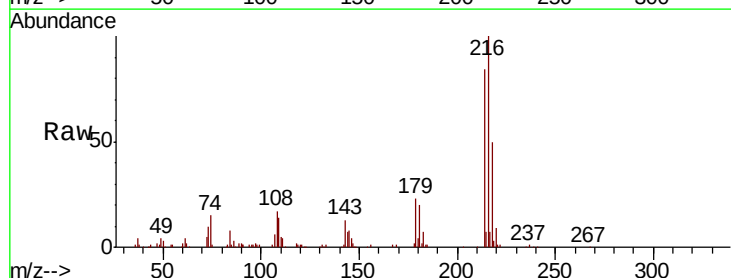
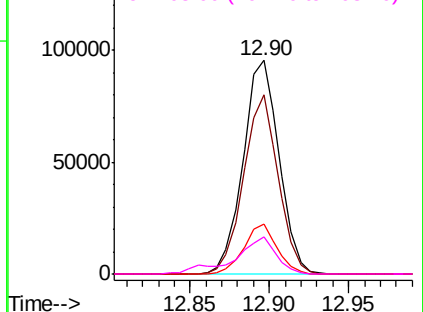
Abundance

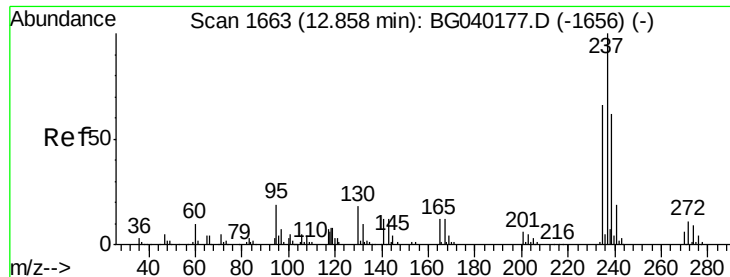
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.839 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

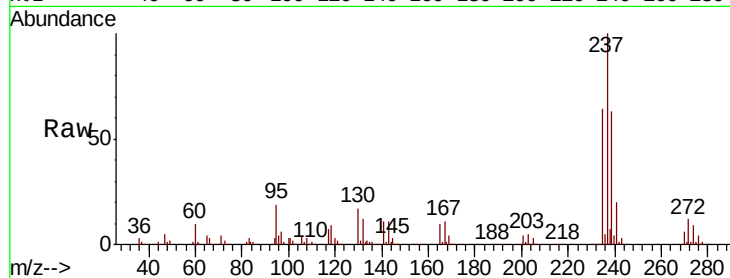
Tgt Ion: 237 Resp: 202190

Ion Ratio Lower Upper

237 100

235 63.7 46.2 86.2

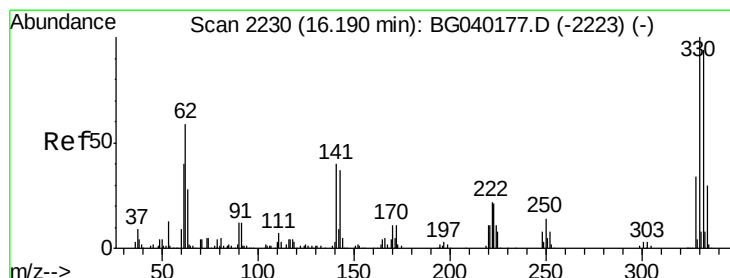
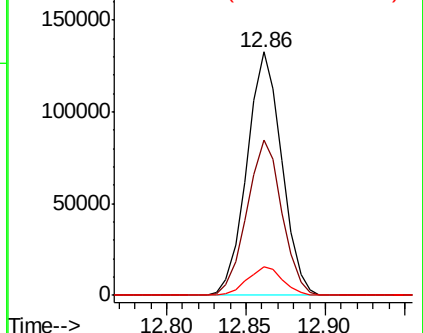
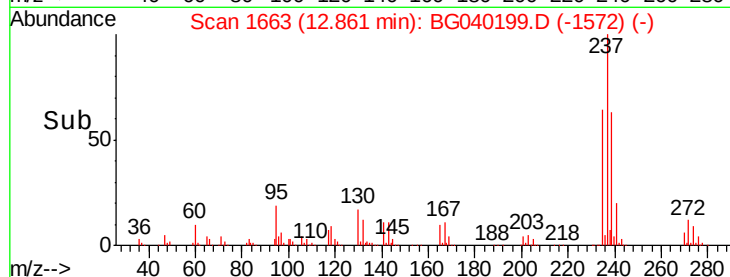
272 11.5 0.0 30.5



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: 139.058 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

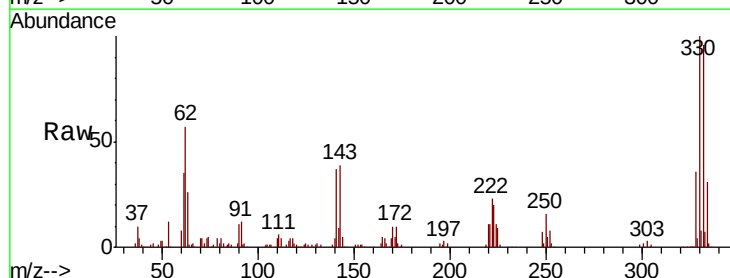
Tgt Ion: 330 Resp: 176164

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

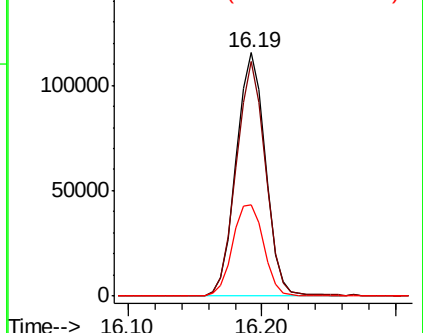
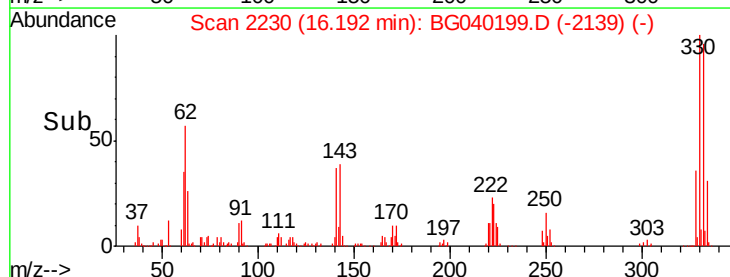
141 39.8 32.6 48.8

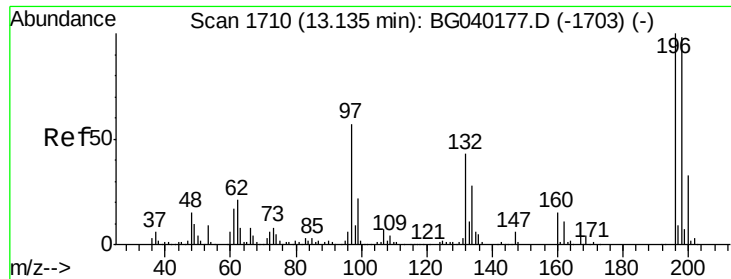


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

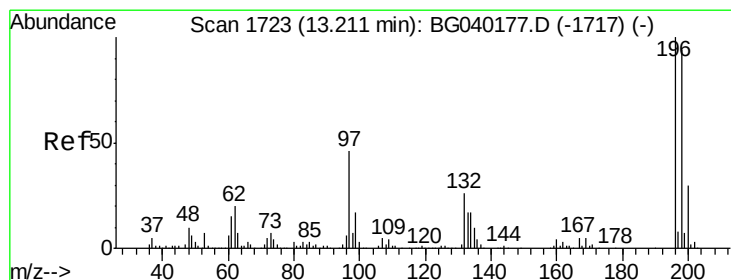
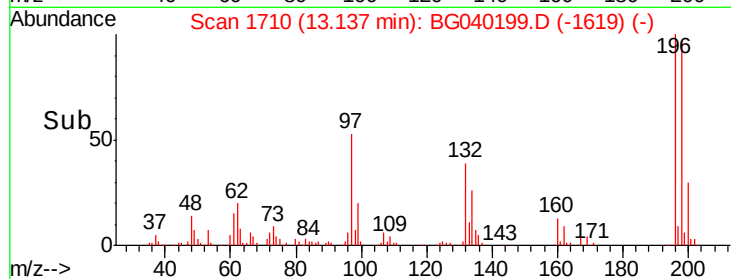
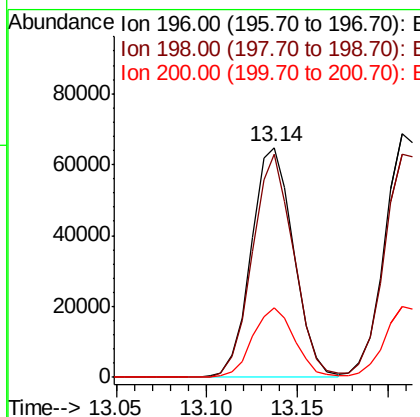
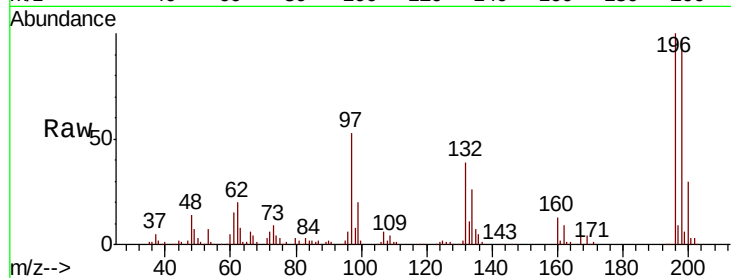




#43
 2,4,6-Trichlorophenol
 Concen: 43.883 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

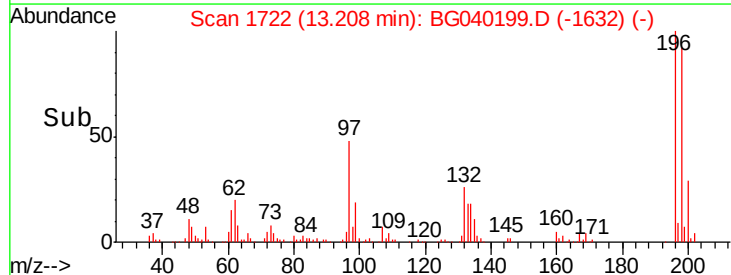
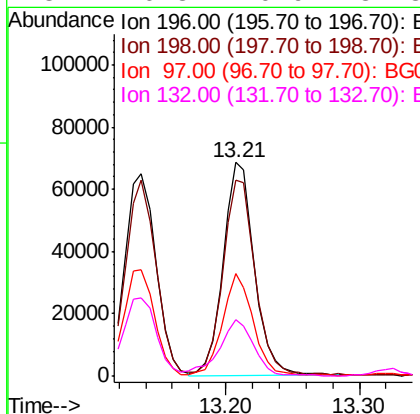
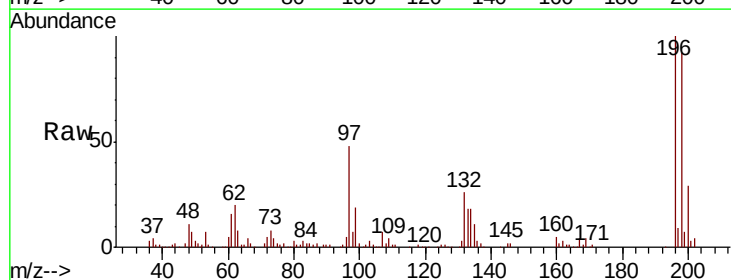
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

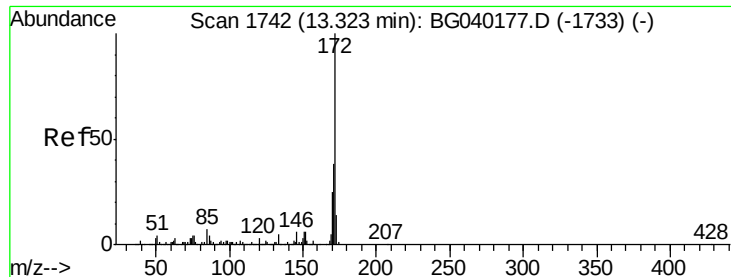
Tgt Ion:196 Resp: 105410
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.3 117.5
 200 30.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.490 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion:196 Resp: 111247
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.0 112.6
 97 47.8 37.3 55.9
 132 26.3 20.9 31.3

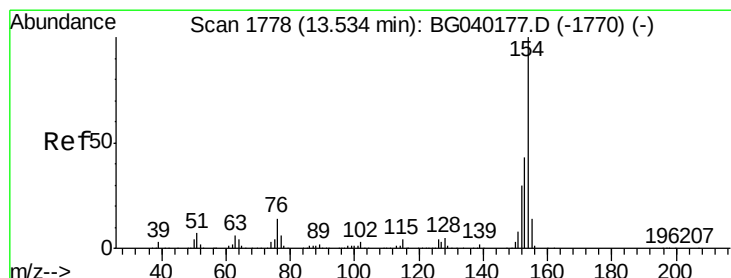
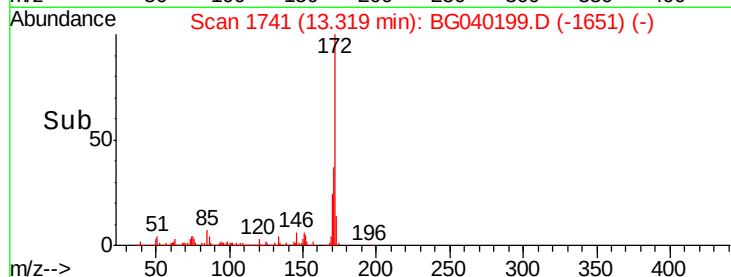
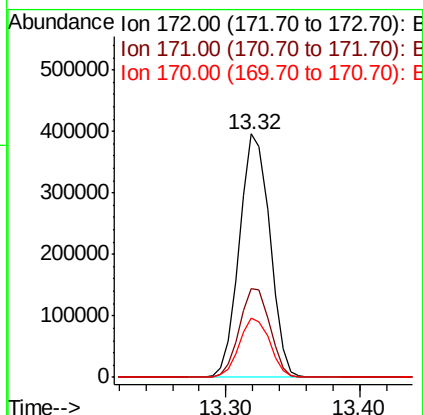
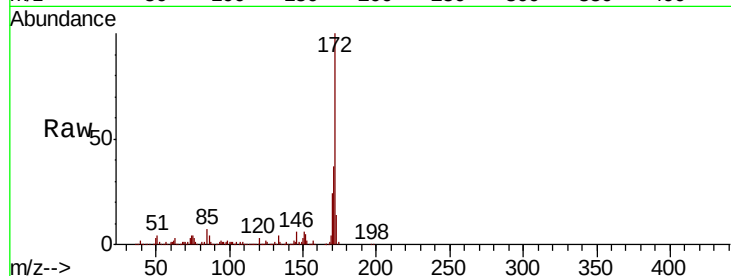




#45
2-Fluorobiphenyl
Concen: 79.038 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

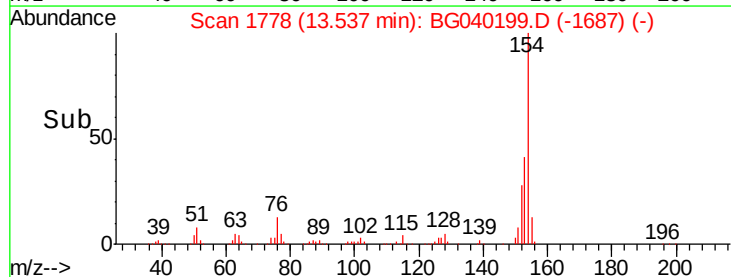
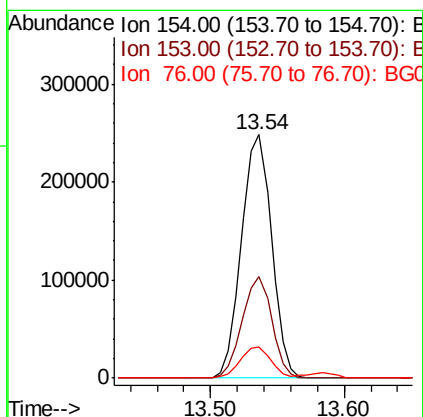
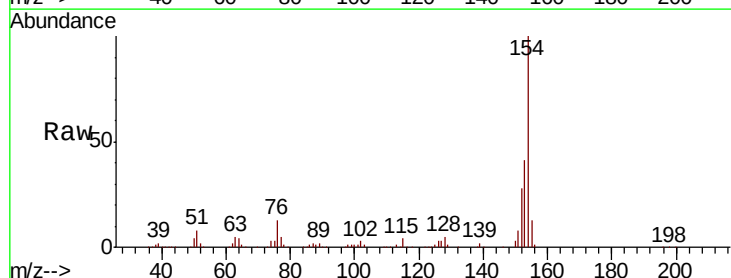
Instrument :
BNA_G
ClientSampleId :
PB118351BS

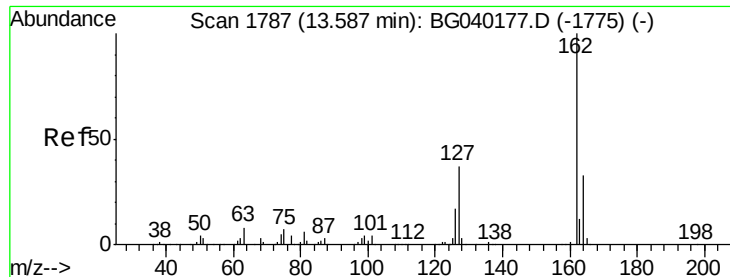
Tgt Ion:172 Resp: 625255
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.1 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.815 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:154 Resp: 387291
Ion Ratio Lower Upper
154 100
153 41.4 22.5 62.5
76 12.5 0.0 33.7

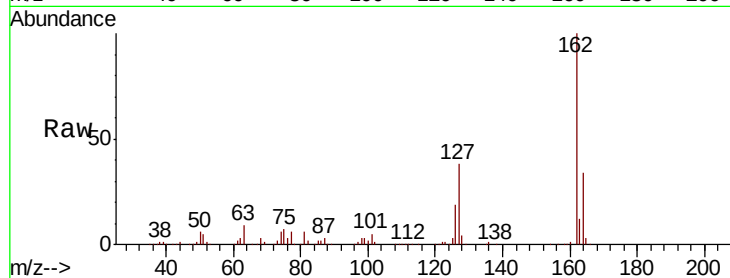




#47
2-Chloronaphthalene
Concen: 41.637 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	33.9	26.2	39.4

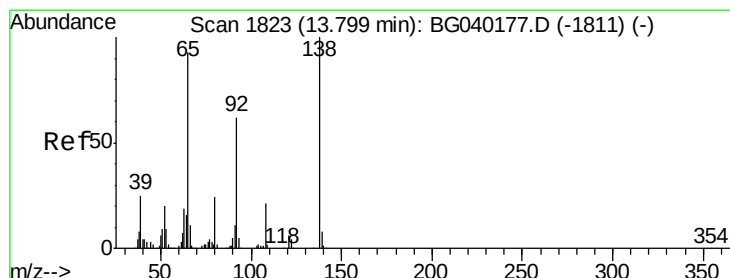
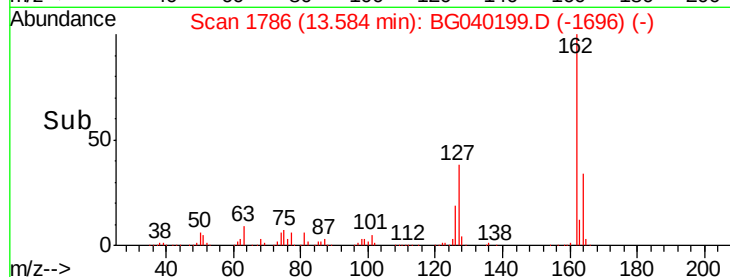
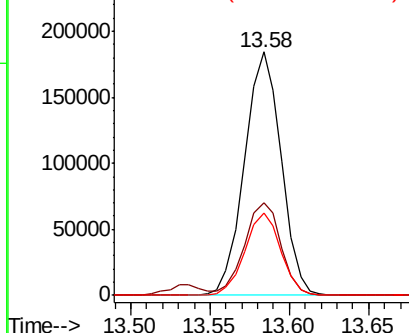


Abundance

Ion 162.00 (161.70 to 162.70): E

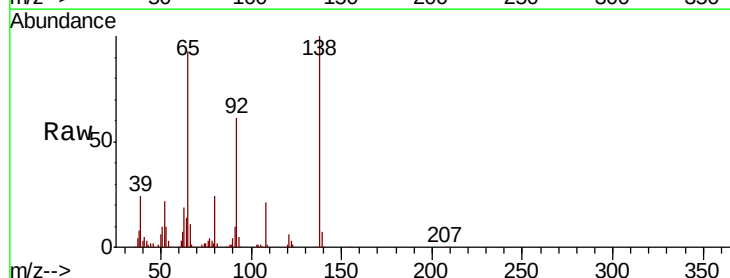
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.445 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.8	80.6
138	107.9	86.3	129.5

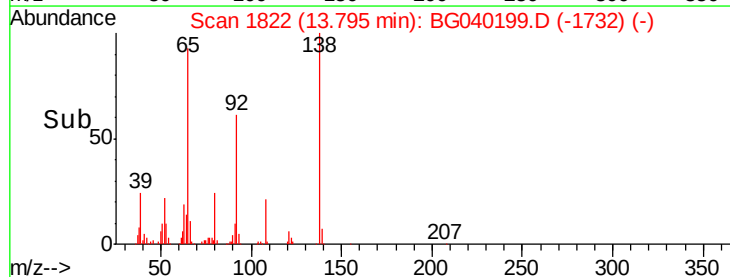
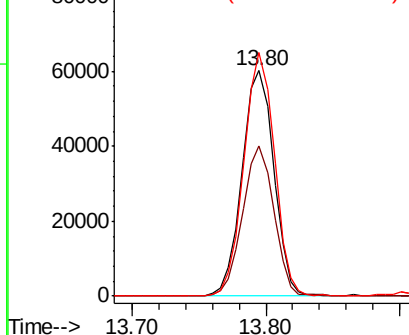


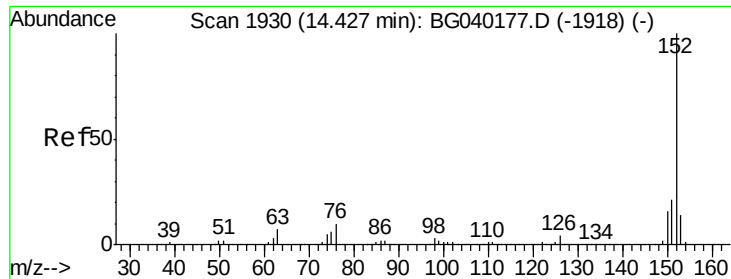
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.393 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

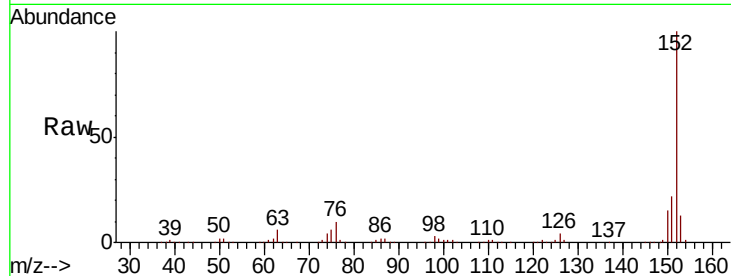
Tgt Ion:152 Resp: 498603

Ion Ratio Lower Upper

152 100

151 22.0 17.0 25.6

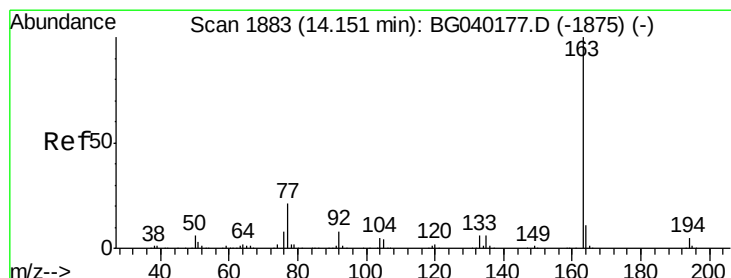
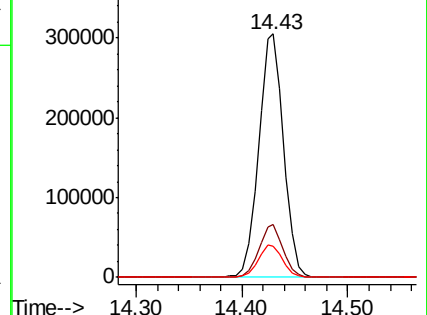
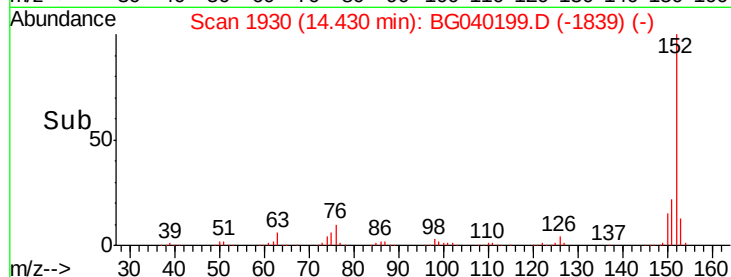
153 12.7 10.8 16.2



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: 42.860 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

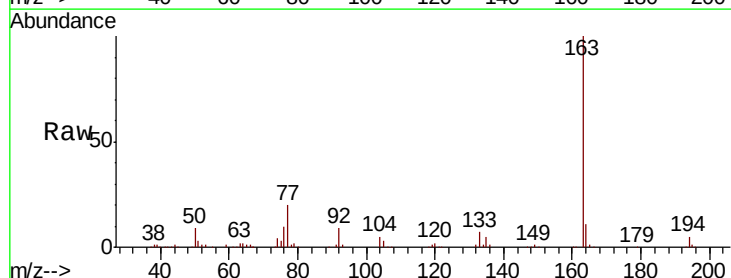
Tgt Ion:163 Resp: 393198

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

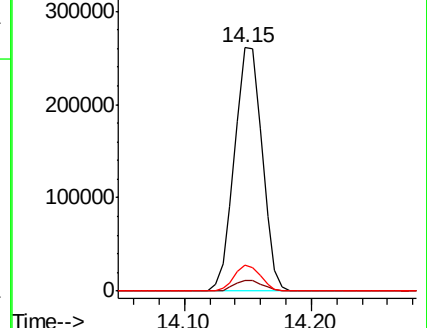
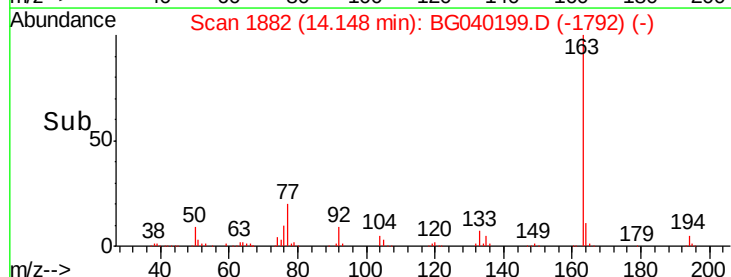
164 10.6 8.6 13.0

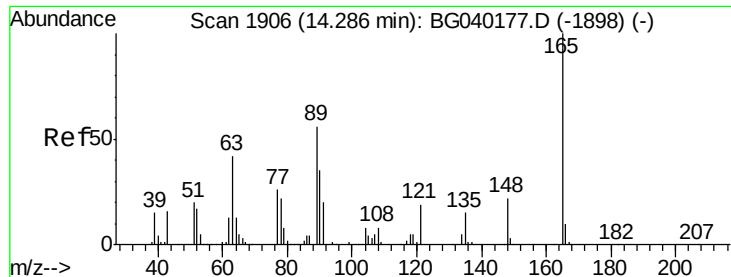


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.844 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

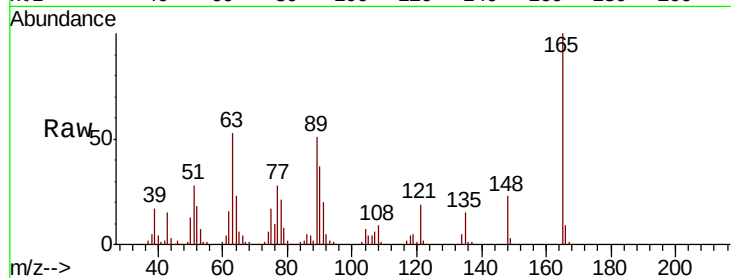
Tgt Ion:165 Resp: 88256

Ion Ratio Lower Upper

165 100

63 52.9 44.1 66.1

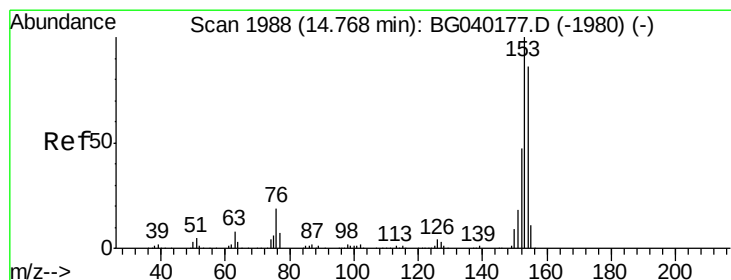
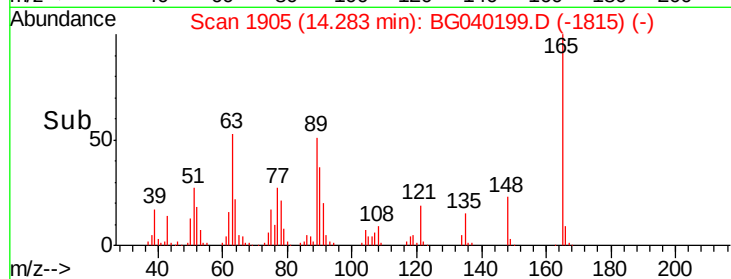
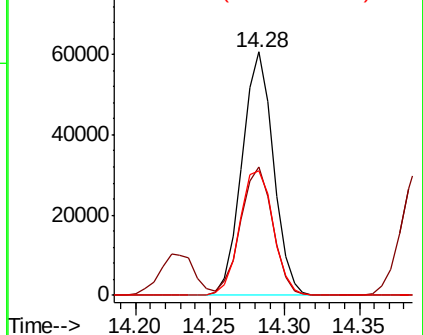
89 51.1 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.676 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

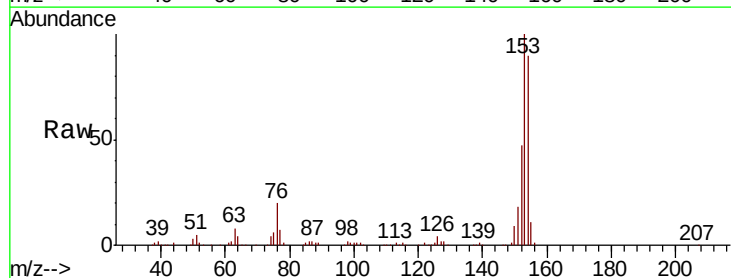
Tgt Ion:154 Resp: 287657

Ion Ratio Lower Upper

154 100

153 111.6 92.8 139.2

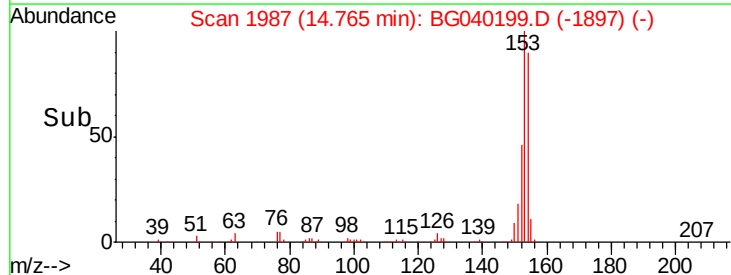
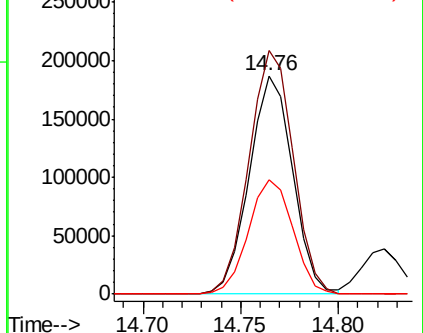
152 52.5 43.4 65.2

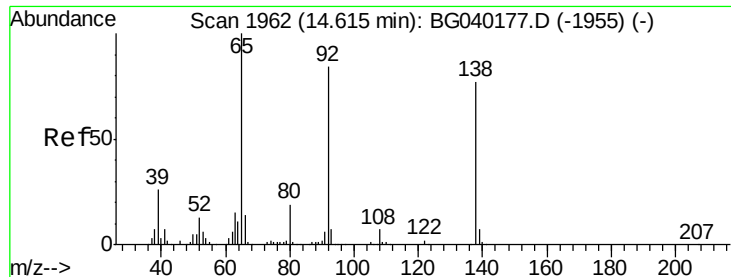


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

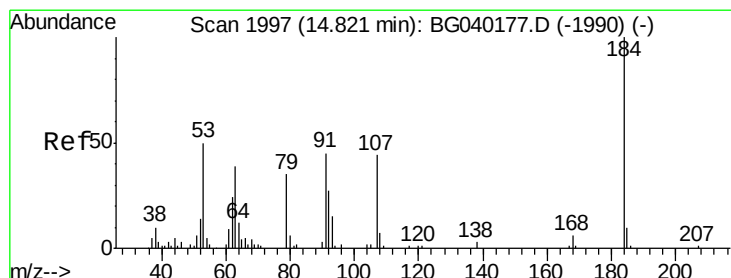
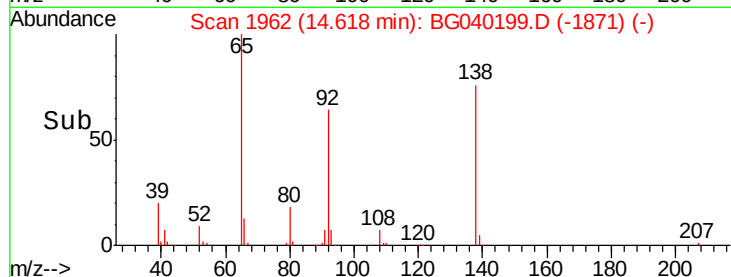
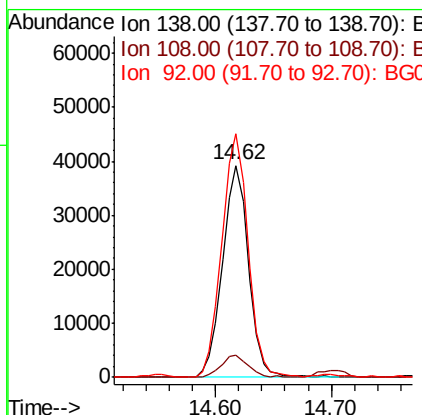
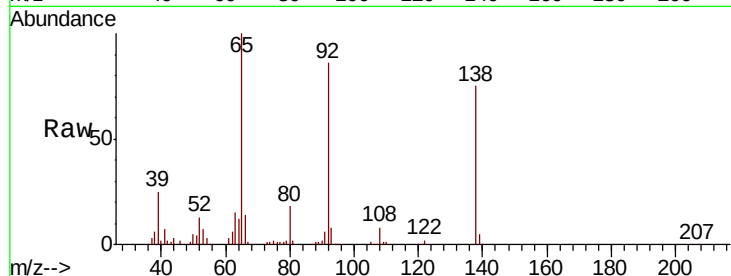




#53
3-Nitroaniline
Concen: 28.001 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

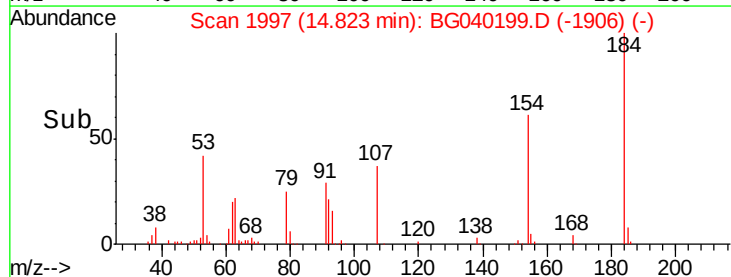
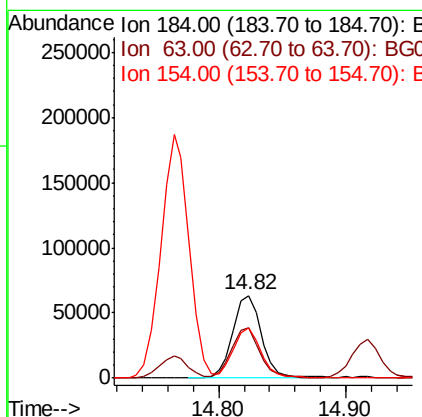
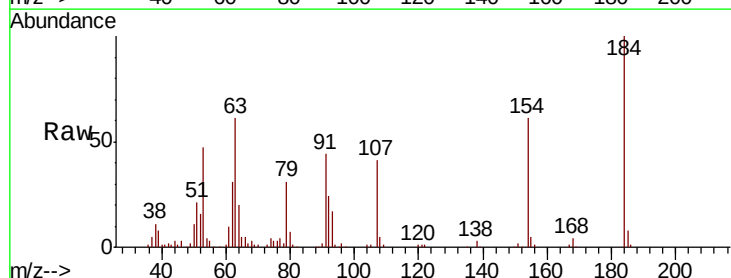
Instrument :
BNA_G
ClientSampleId :
PB118351BS

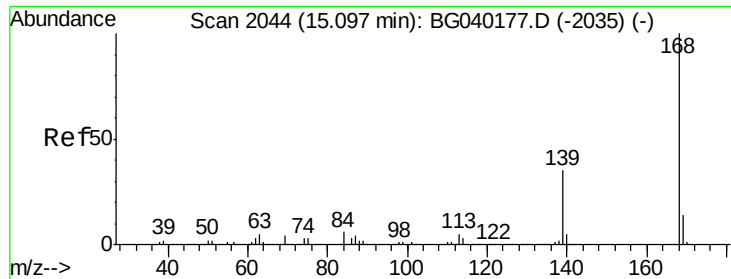
Tgt Ion:138 Resp: 61055
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 114.8 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 91.516 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:184 Resp: 100257
Ion Ratio Lower Upper
184 100
63 61.2 51.8 77.8
154 61.0 50.9 76.3

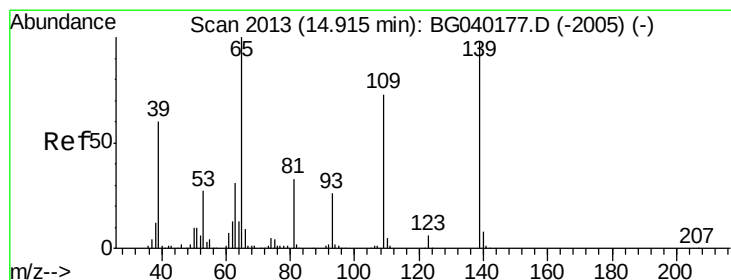
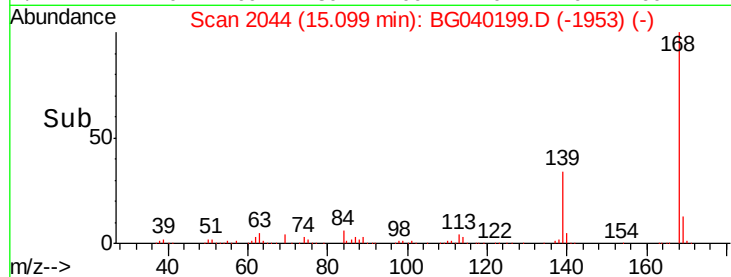
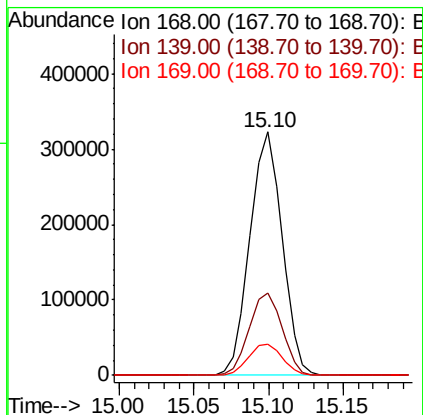
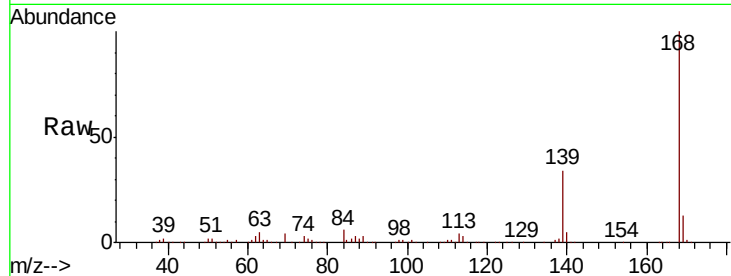




#55
Dibenzenofuran
Concen: 43.293 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

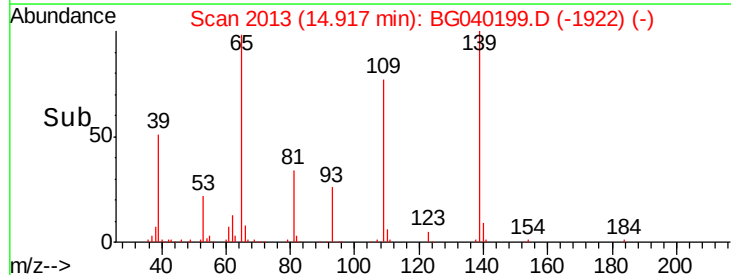
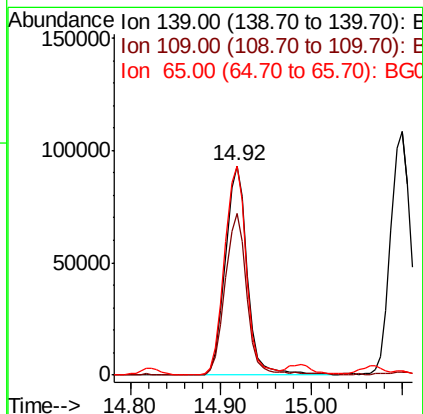
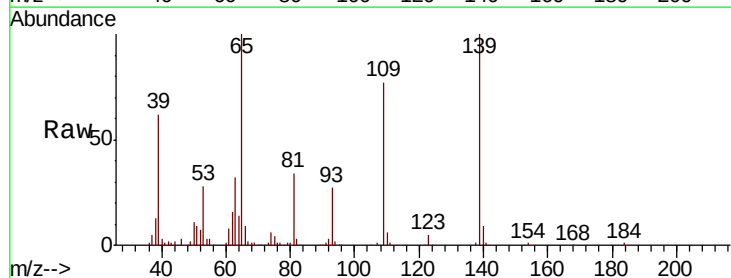
Instrument :
BNA_G
ClientSampleId :
PB118351BS

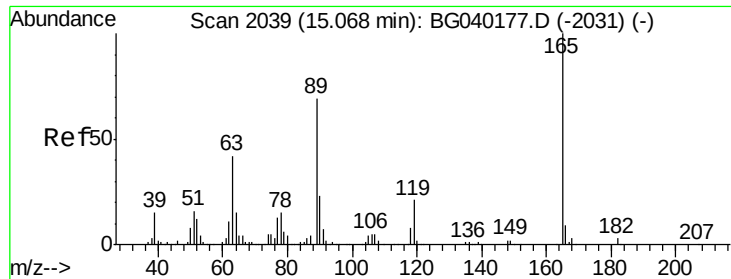
Tgt Ion:168 Resp: 480158
Ion Ratio Lower Upper
168 100
139 33.6 27.9 41.9
169 12.9 11.3 16.9



#56
4-Nitrophenol
Concen: 88.715 ng
RT: 14.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:139 Resp: 156124
Ion Ratio Lower Upper
139 100
109 77.2 54.3 94.3
65 99.7 82.5 122.5

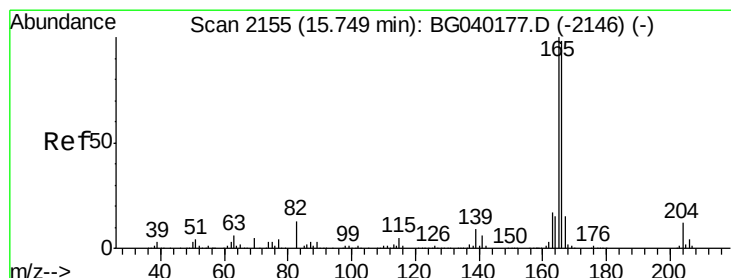
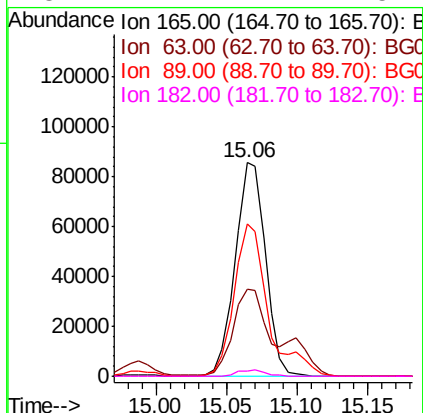
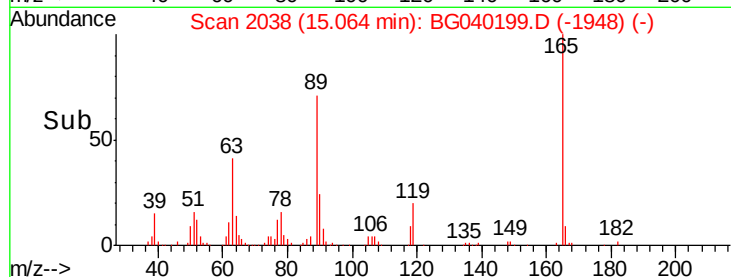
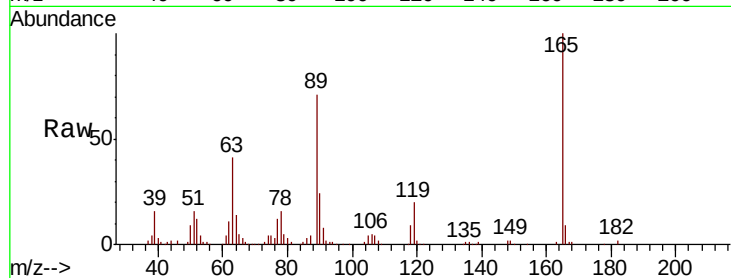




#57
2,4-Dinitrotoluene
Concen: 44.760 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

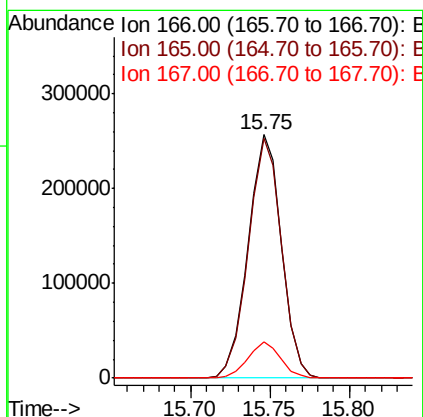
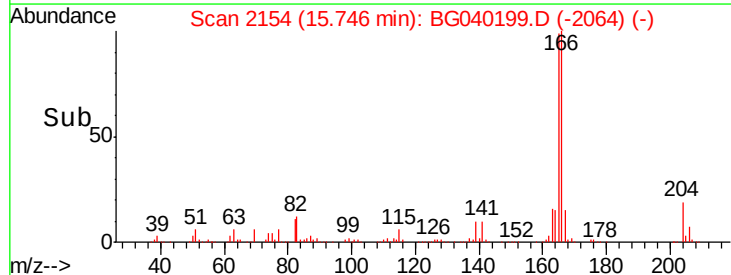
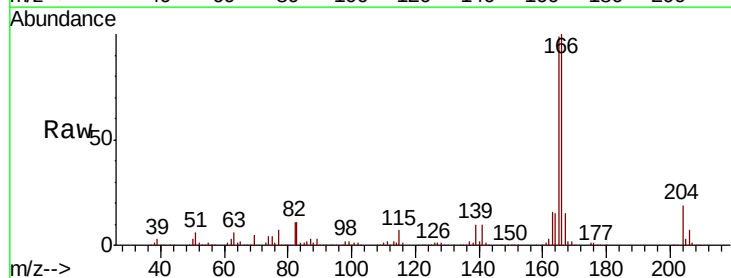
Instrument :
BNA_G
ClientSampleId :
PB118351BS

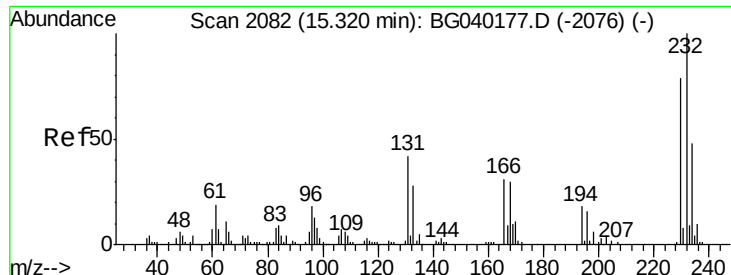
Tgt Ion:165 Resp: 128115
Ion Ratio Lower Upper
165 100
63 40.9 33.8 50.6
89 71.4 55.4 83.2
182 2.2 2.2 3.4#



#58
Fluorene
Concen: 42.912 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:166 Resp: 374187
Ion Ratio Lower Upper
166 100
165 98.6 81.7 122.5
167 15.1 11.9 17.9

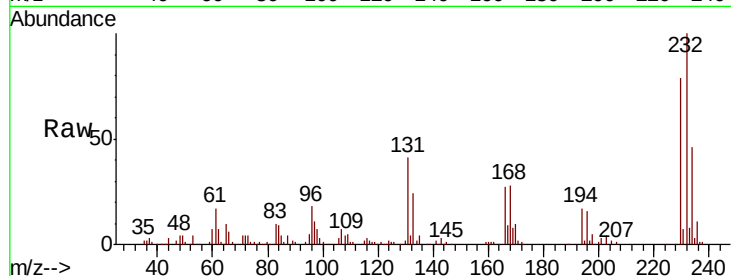




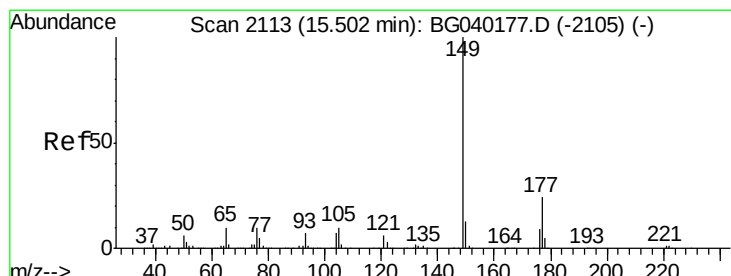
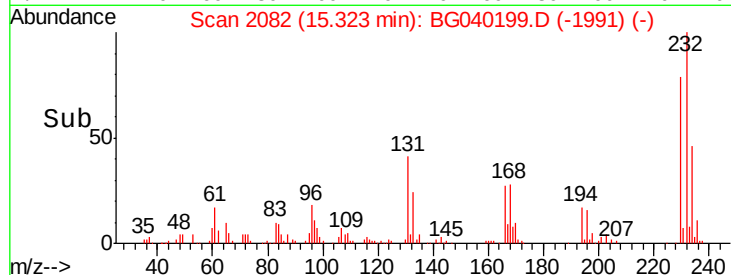
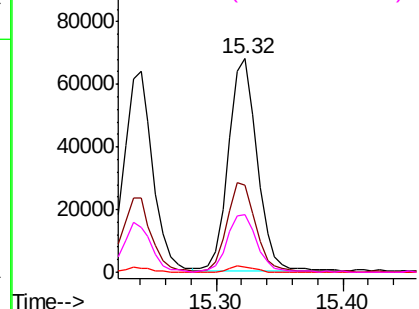
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.714 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tgt Ion:	232	Resp:	106234
Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.9	49.3
130	2.5	1.8	2.8
166	28.4	23.5	35.3

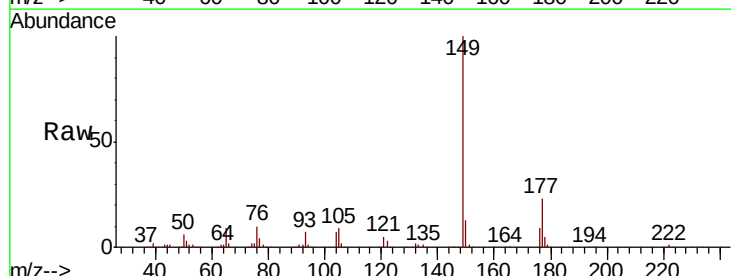


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

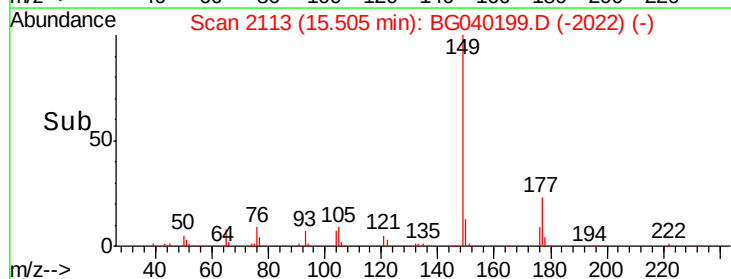
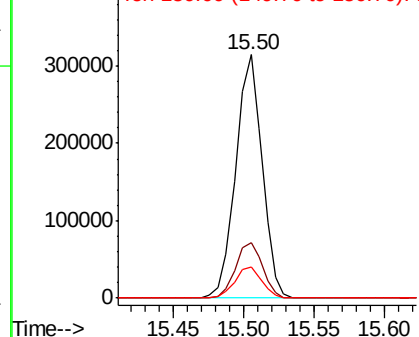


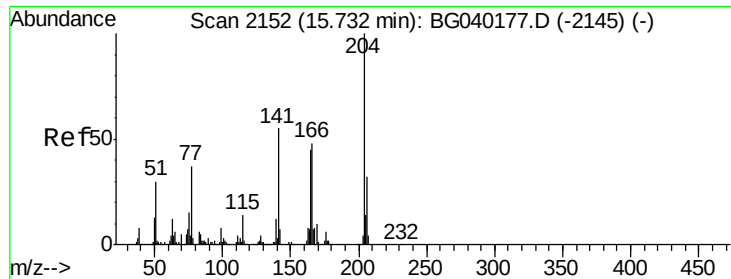
#60
 Diethylphthalate
 Concen: 43.503 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion:	149	Resp:	408401
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.1	28.7
150	12.6	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

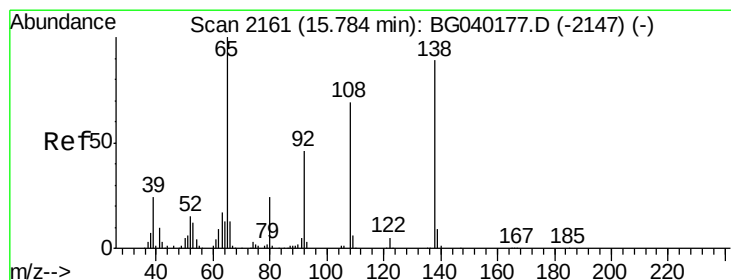
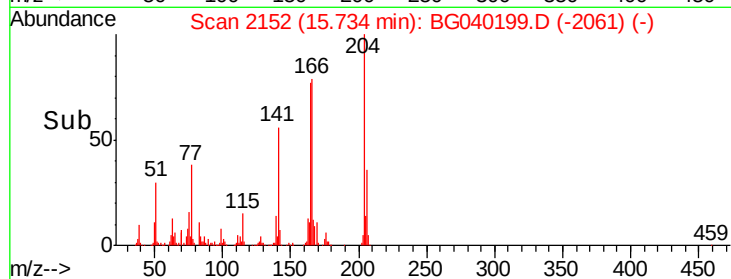
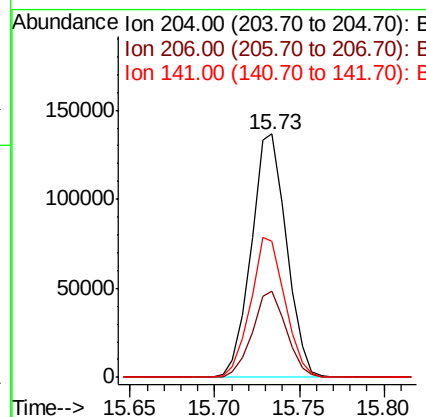
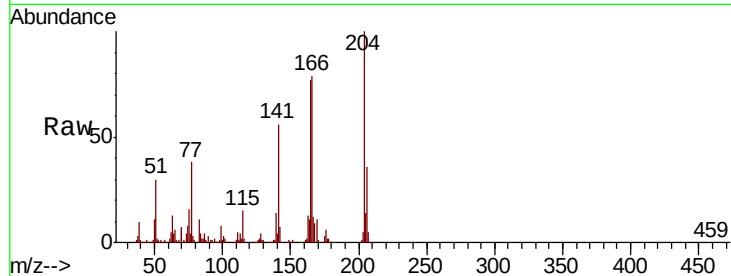




#61
4-Chlorophenyl-phenylether
Concen: 42.554 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

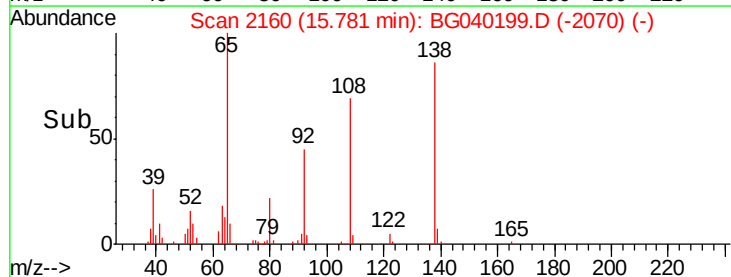
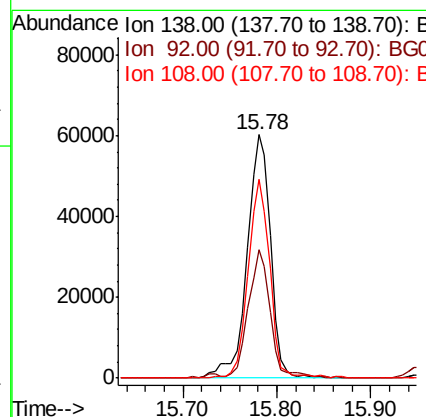
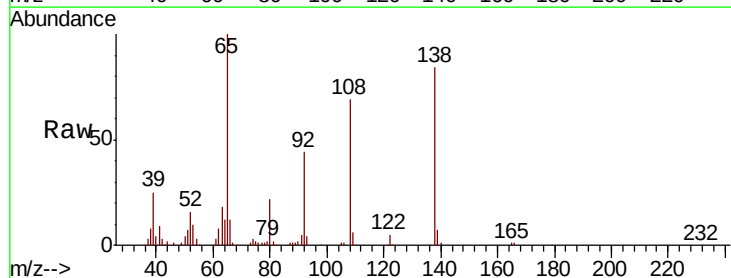
Instrument :
BNA_G
ClientSampleId :
PB118351BS

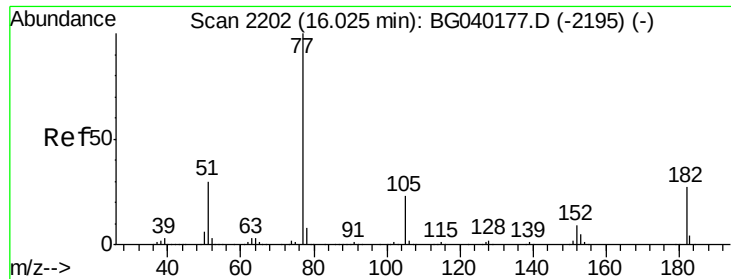
Tgt Ion:204 Resp: 198345
Ion Ratio Lower Upper
204 100
206 35.6 25.7 38.5
141 55.9 44.0 66.0



#62
4-Nitroaniline
Concen: 44.321 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:138 Resp: 103712
Ion Ratio Lower Upper
138 100
92 52.6 31.8 71.8
108 81.8 57.2 97.2





#63

Azobenzene

Concen: 42.218 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

Tgt Ion: 77 Resp: 373841

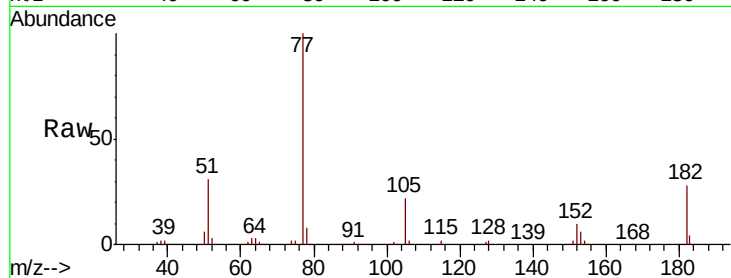
Ion Ratio Lower Upper

77 100

182 28.5 7.2 47.2

105 22.4 2.8 42.8

51 31.4 10.4 50.4

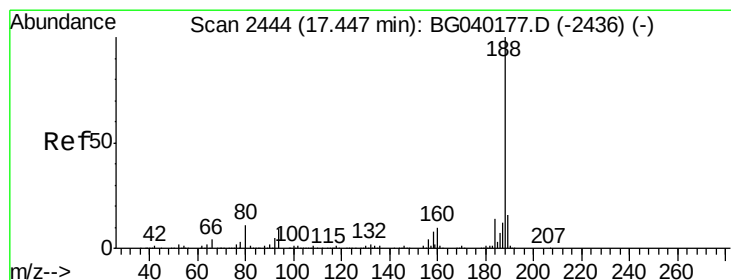
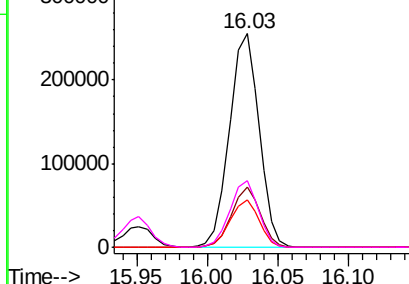
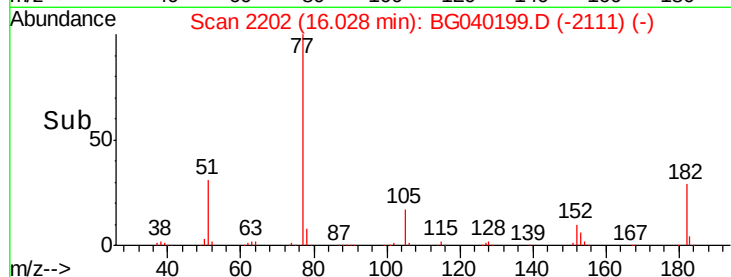


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

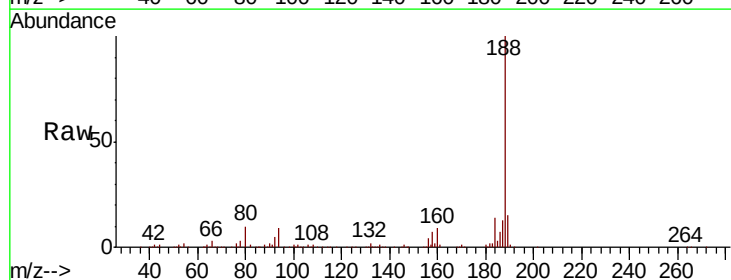
Tgt Ion: 188 Resp: 296998

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

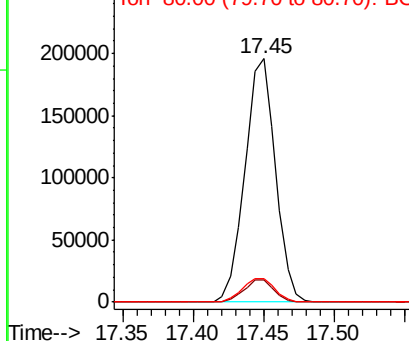
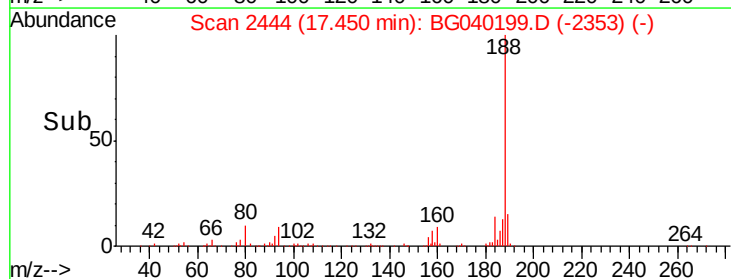
80 9.7 8.6 13.0

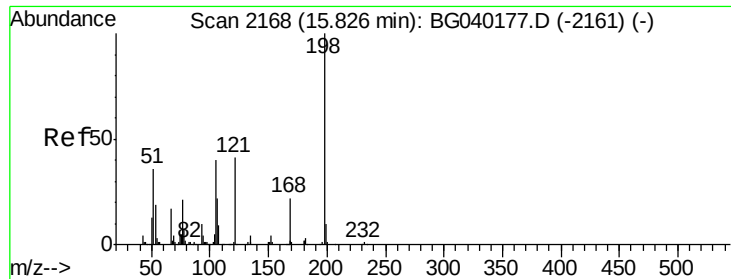


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.740 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

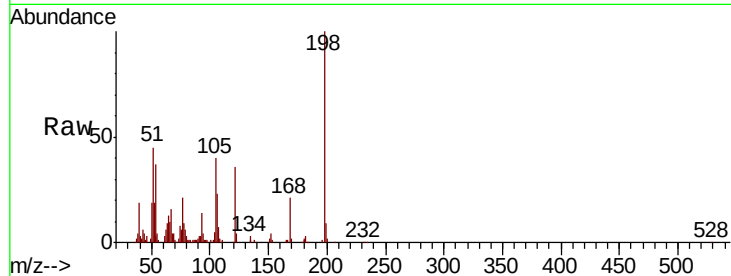
Tgt Ion:198 Resp: 67978

Ion Ratio Lower Upper

198 100

51 45.0 27.3 67.3

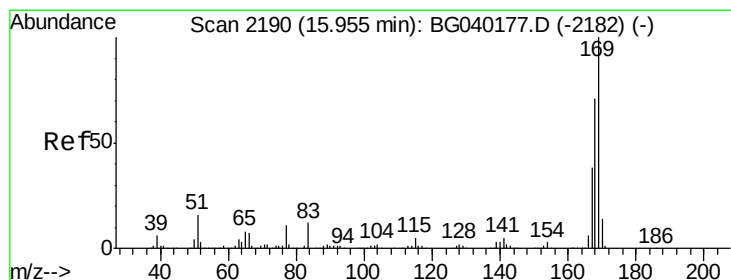
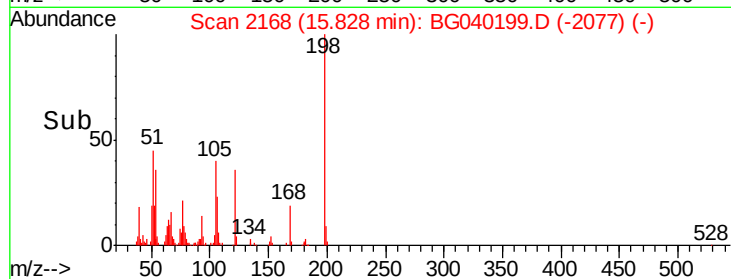
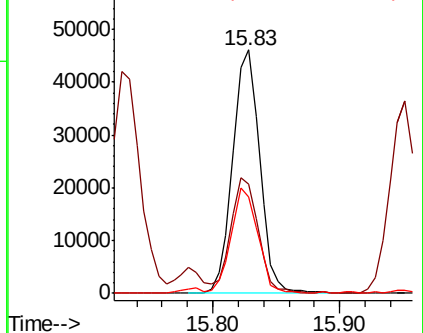
105 39.6 21.7 61.7



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: 40.451 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

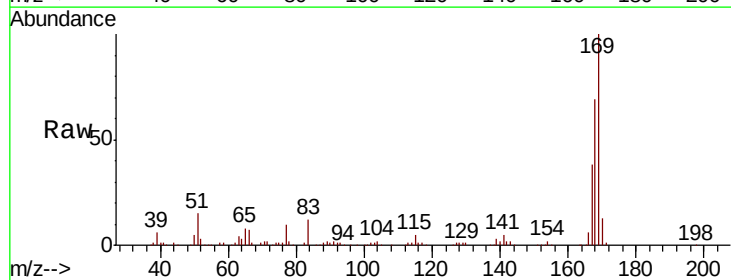
Tgt Ion:169 Resp: 351563

Ion Ratio Lower Upper

169 100

168 69.2 56.8 85.2

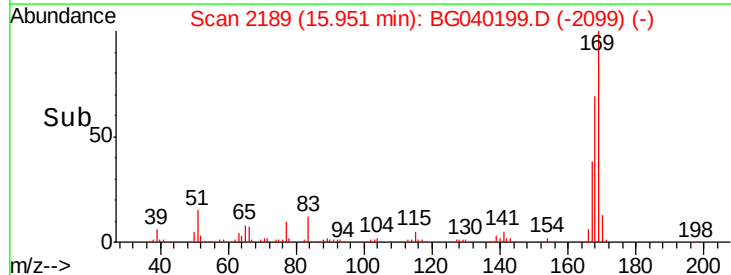
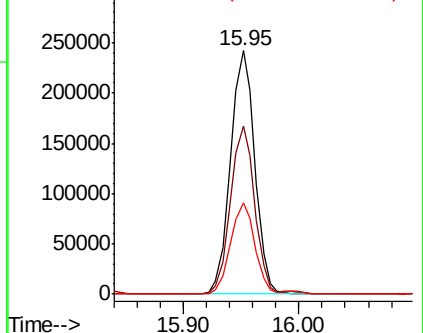
167 37.7 30.2 45.4

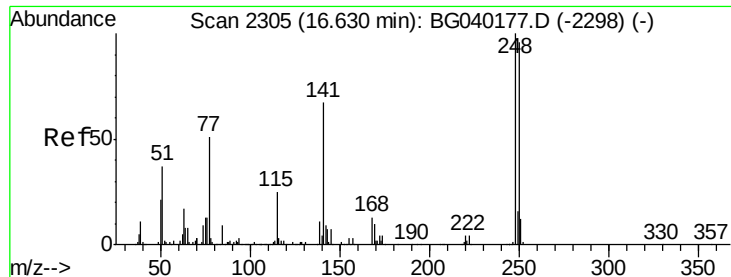


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

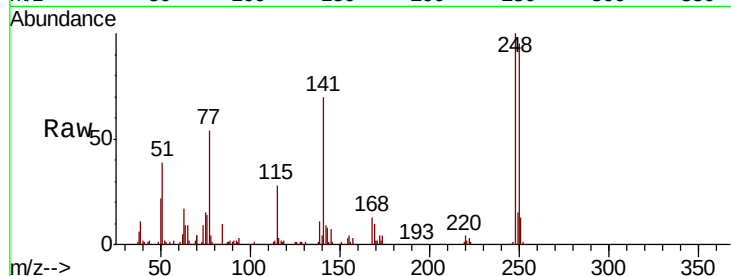




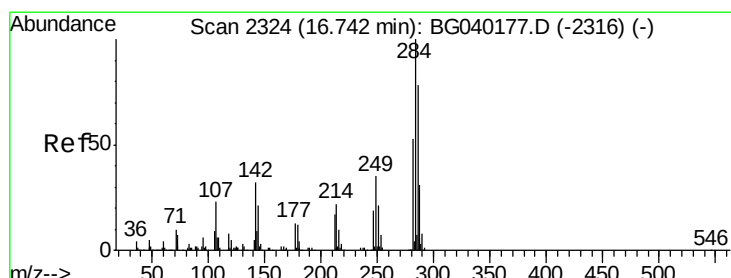
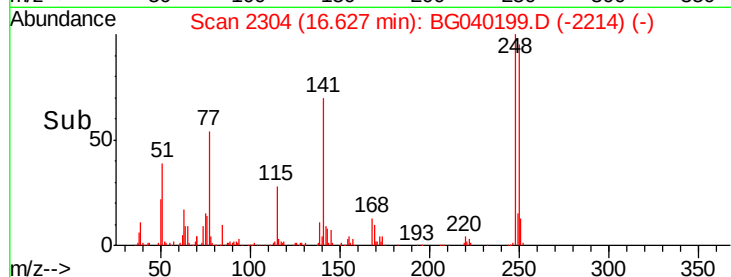
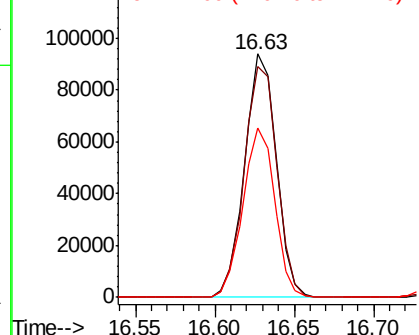
#67
 4-Bromophenyl-phenylether
 Concen: 39.019 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tgt Ion: 248 Resp: 130413
 Ion Ratio Lower Upper
 248 100
 250 94.7 76.4 114.6
 141 69.6 53.8 80.8

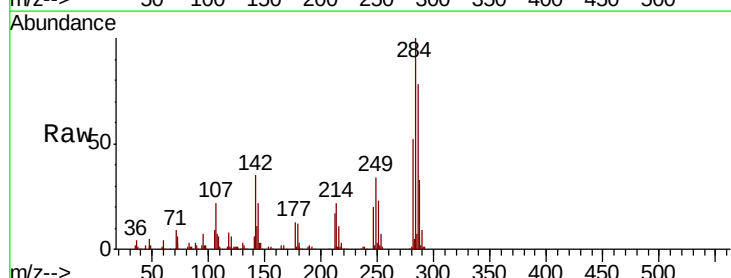


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

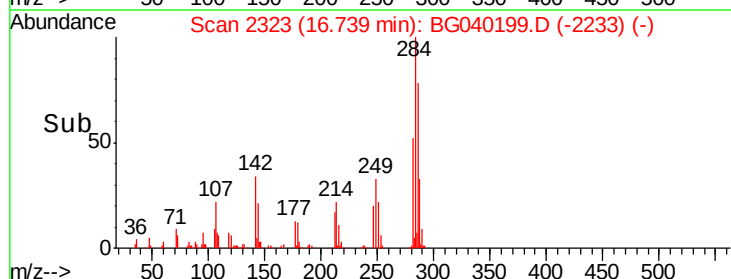
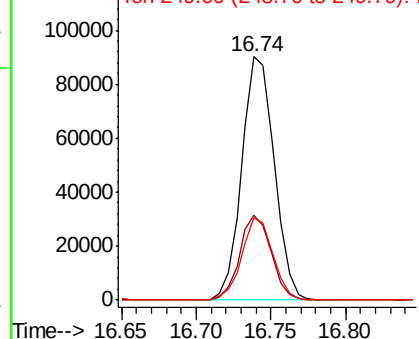


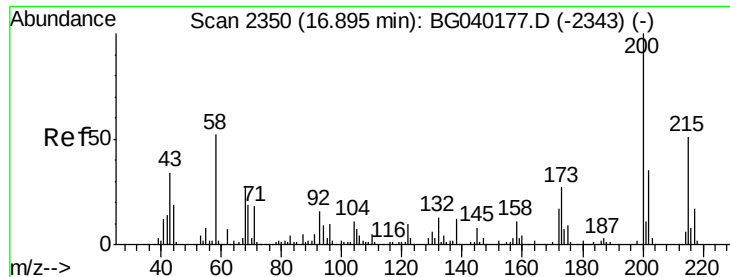
#68
 Hexachlorobenzene
 Concen: 40.496 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion: 284 Resp: 136085
 Ion Ratio Lower Upper
 284 100
 142 35.1 25.3 37.9
 249 33.6 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

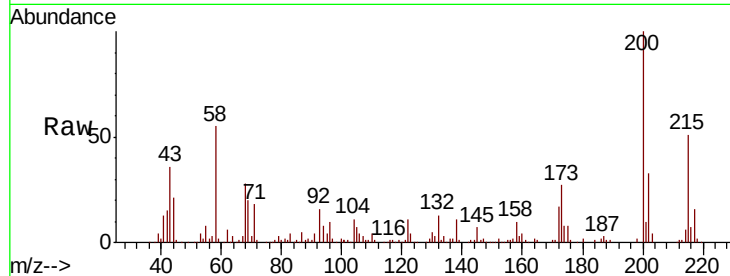




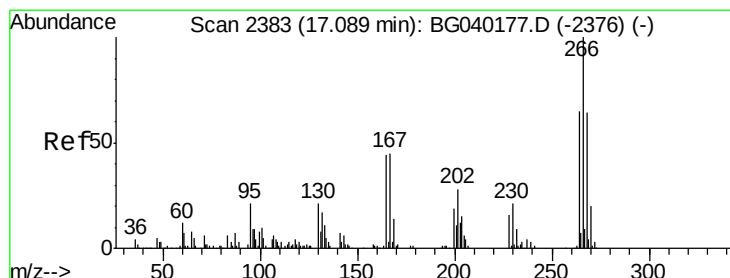
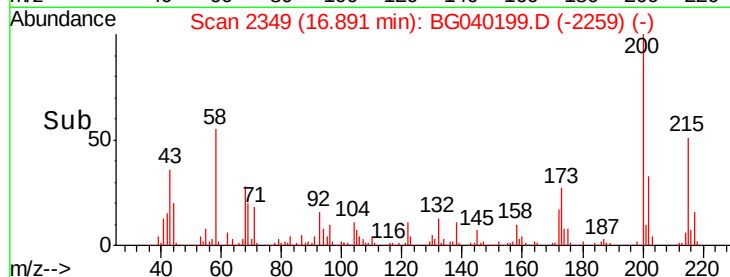
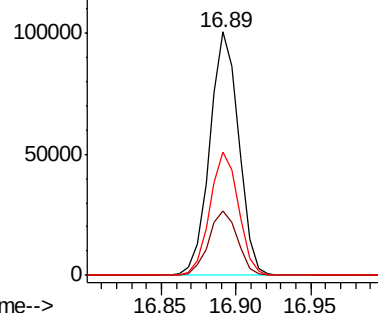
#69
 Atrazine
 Concen: 41.876 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.1	47.1
215	50.5	30.9	70.9

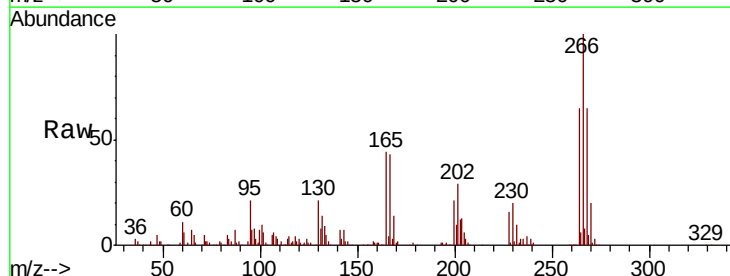


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

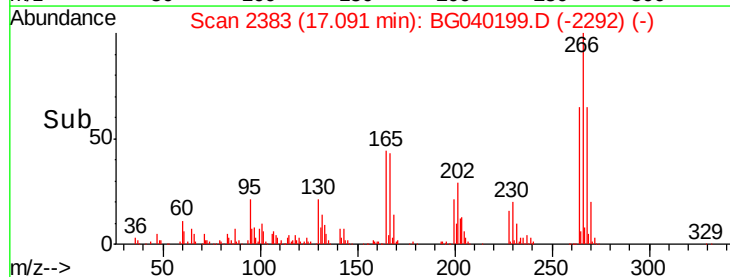
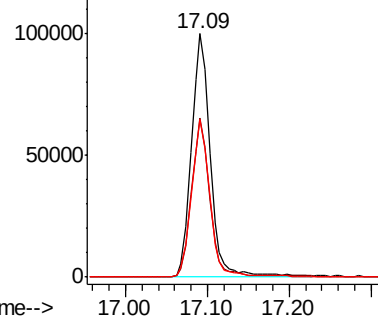


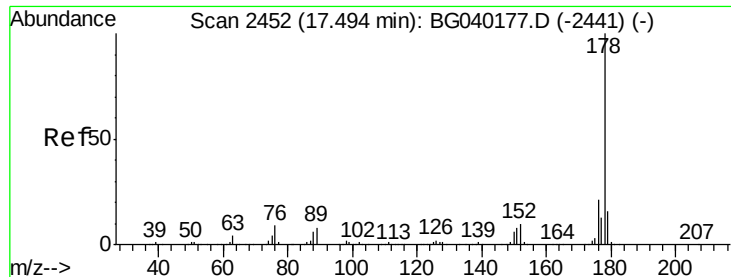
#70
 Pentachlorophenol
 Concen: 82.957 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	55.0	82.4
264	64.6	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

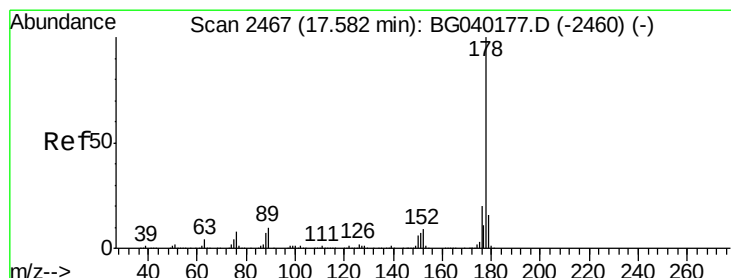
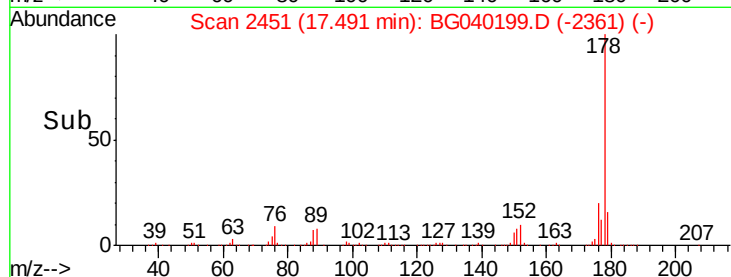
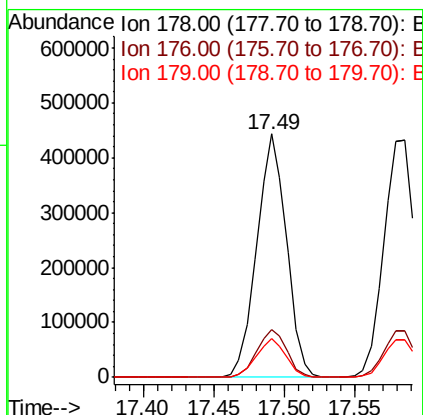
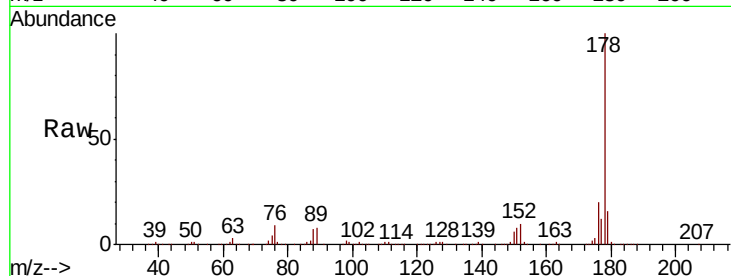




#71
Phenanthrene
Concen: 42.061 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

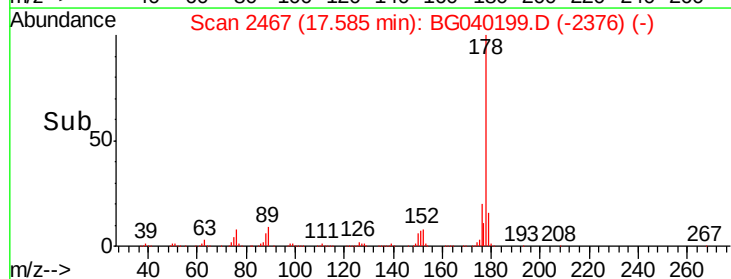
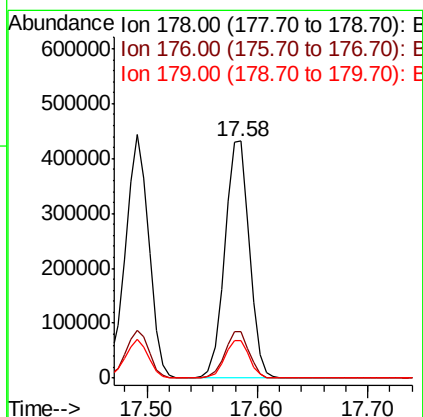
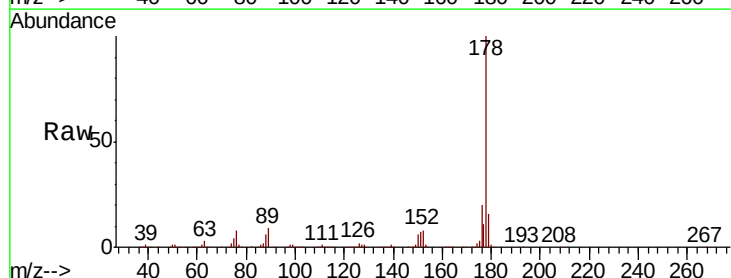
Instrument :
BNA_G
ClientSampleId :
PB118351BS

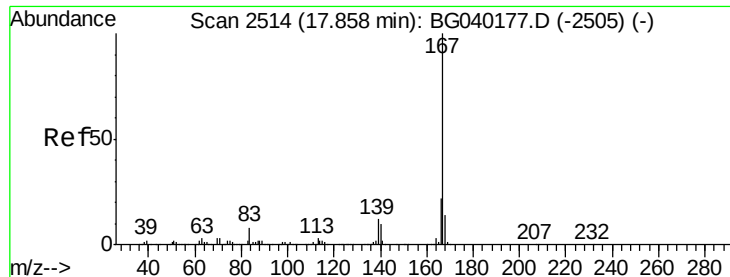
Tgt Ion:178 Resp: 656599
Ion Ratio Lower Upper
178 100
176 19.7 16.7 25.1
179 15.7 12.8 19.2



#72
Anthracene
Concen: 43.033 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:178 Resp: 672403
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.0 12.9 19.3





#73

Carbazole

Concen: 44.458 ng

RT: 17.86 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

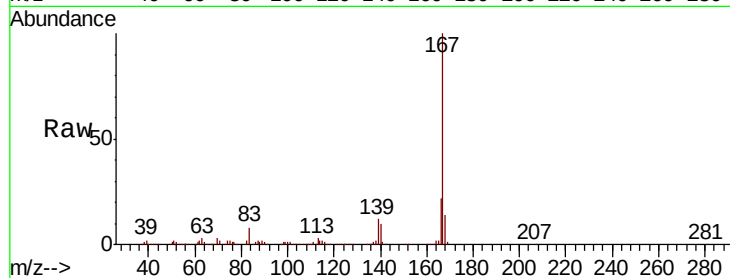
Tgt Ion:167 Resp: 657425

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

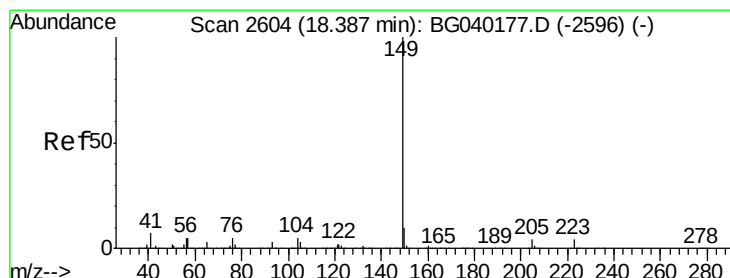
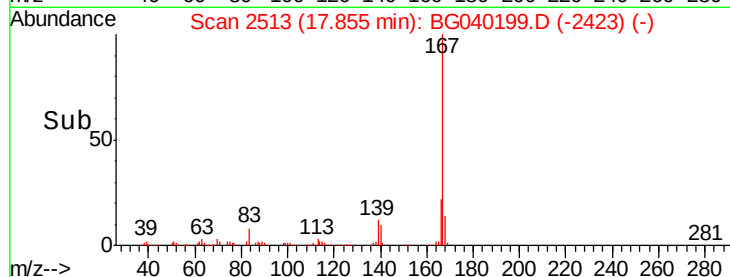
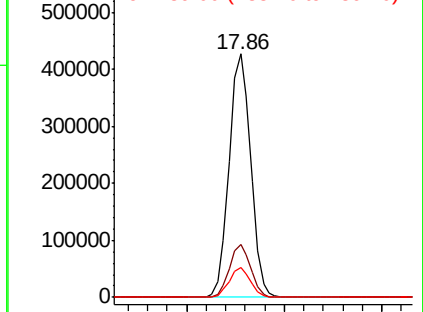
139 12.1 10.0 15.0



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: 45.011 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

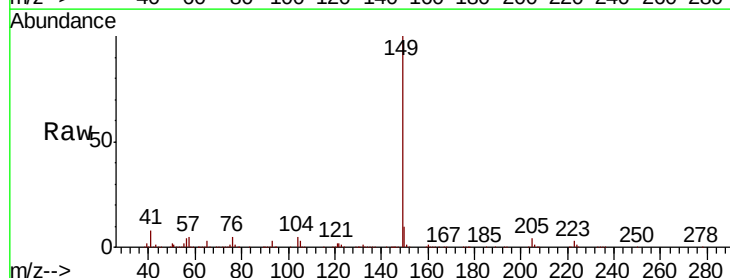
Tgt Ion:149 Resp: 788961

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

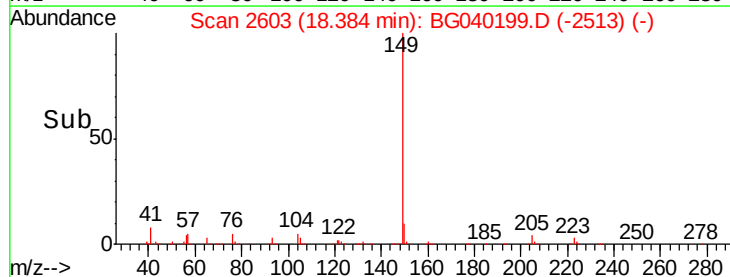
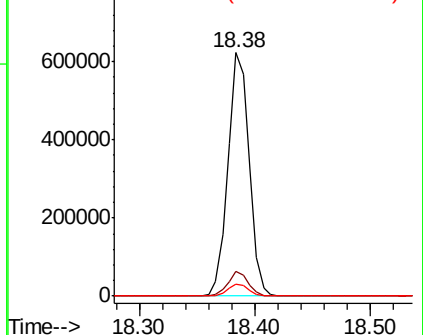
104 5.2 4.1 6.1

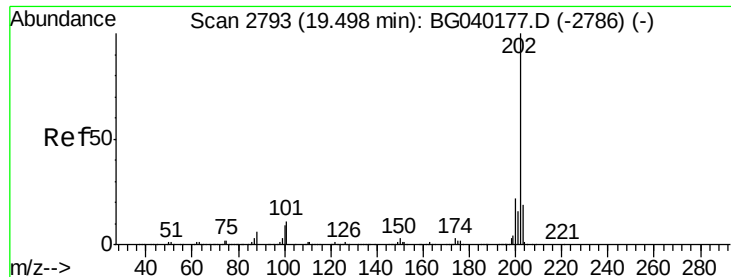


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.453 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

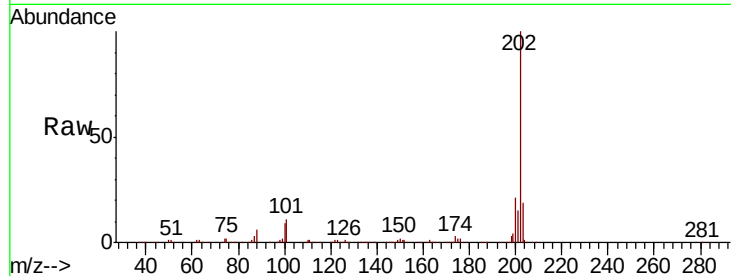
Tgt Ion:202 Resp: 858681

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

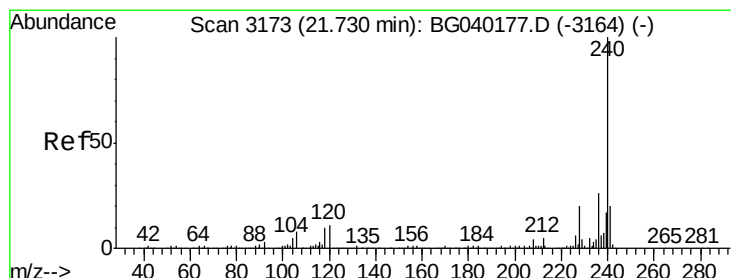
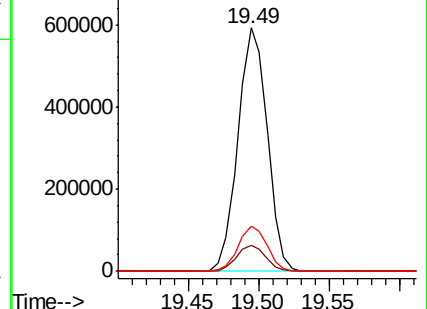
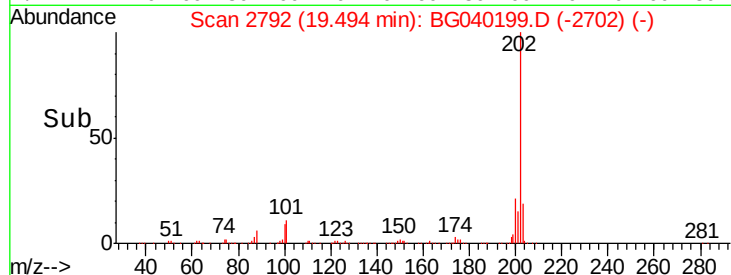
203 18.8 0.0 38.9



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: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

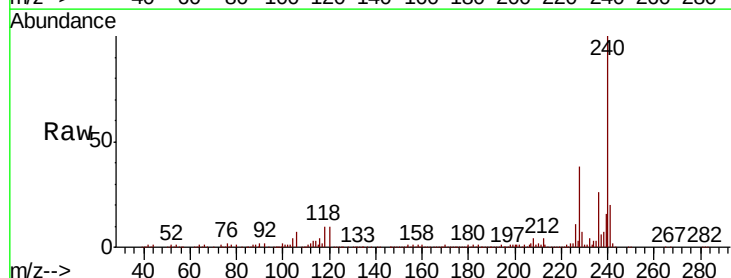
Tgt Ion:240 Resp: 323467

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

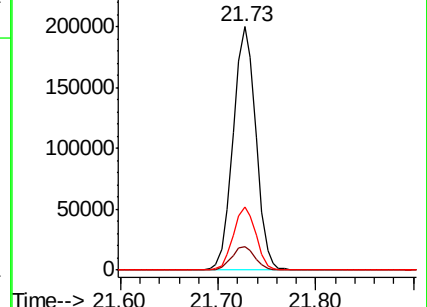
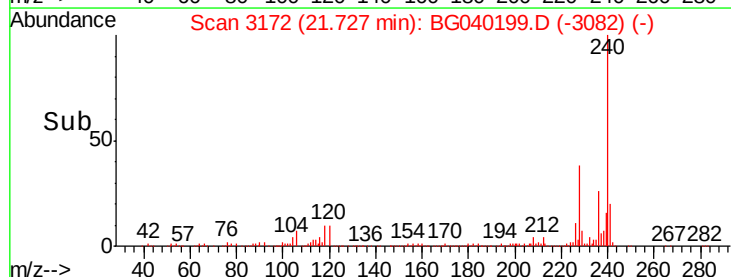
236 26.0 20.8 31.2

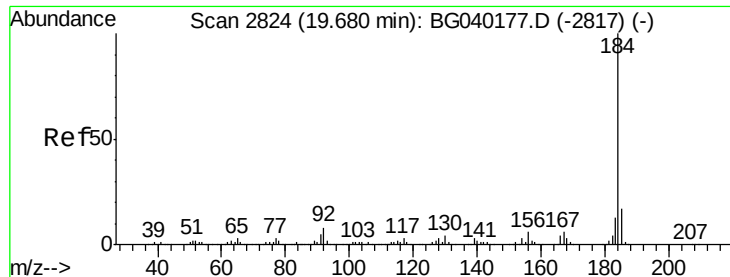


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.458 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

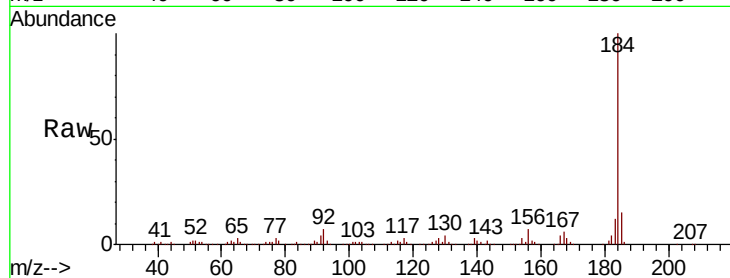
Tgt Ion:184 Resp: 367455

Ion Ratio Lower Upper

184 100

185 14.7 13.3 19.9

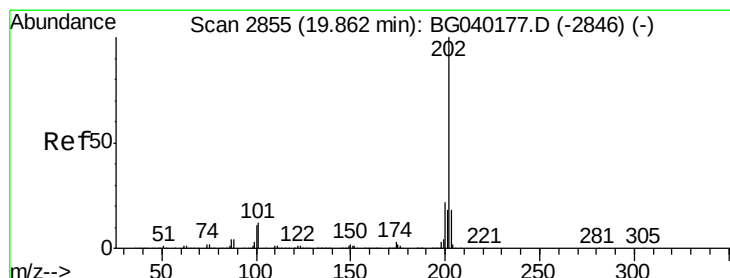
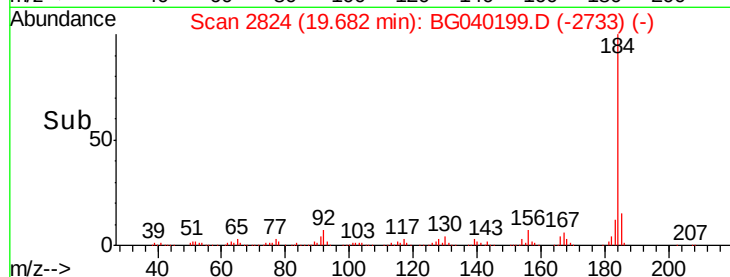
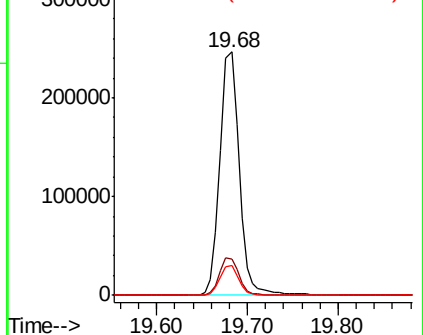
183 12.1 10.3 15.5



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: 40.772 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

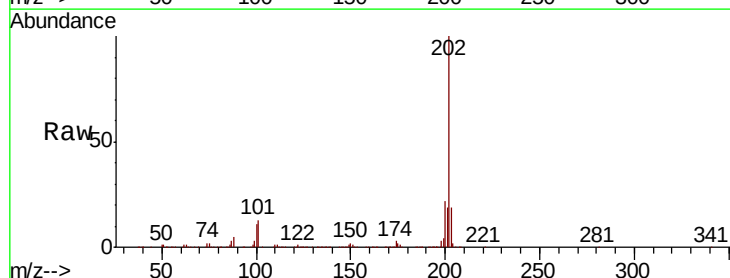
Tgt Ion:202 Resp: 867281

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

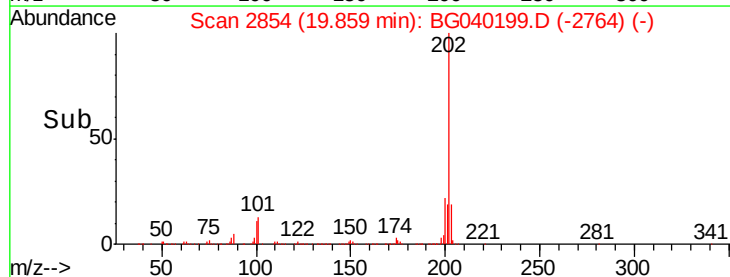
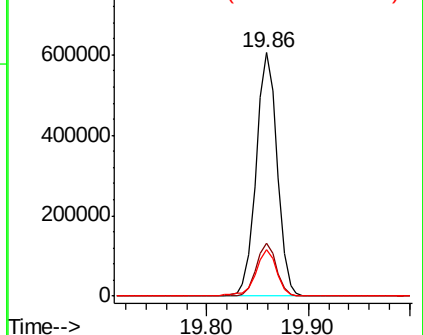
203 18.8 14.6 22.0

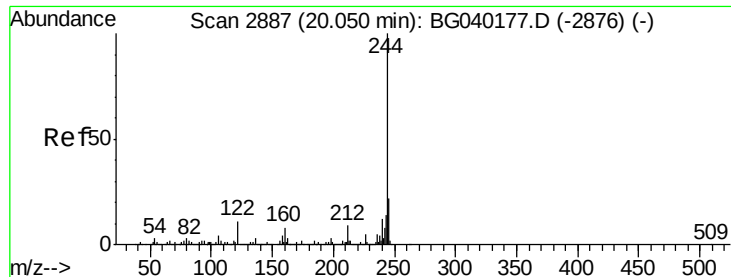


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.077 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

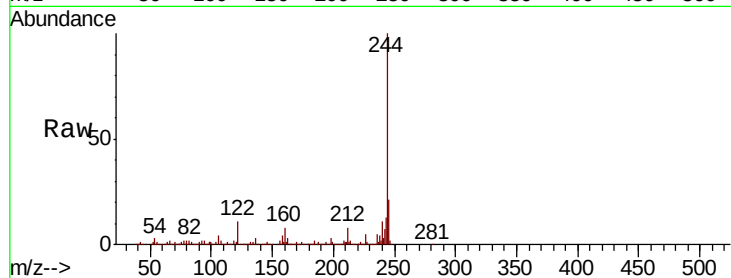
Tgt Ion:244 Resp: 1137015

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

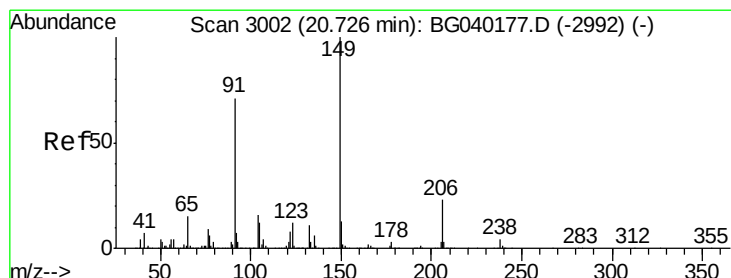
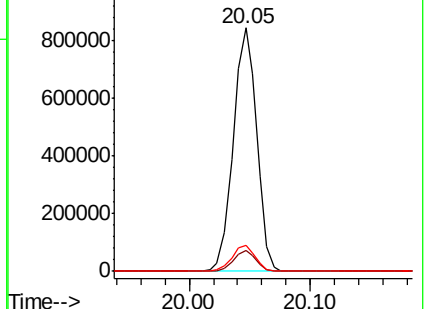
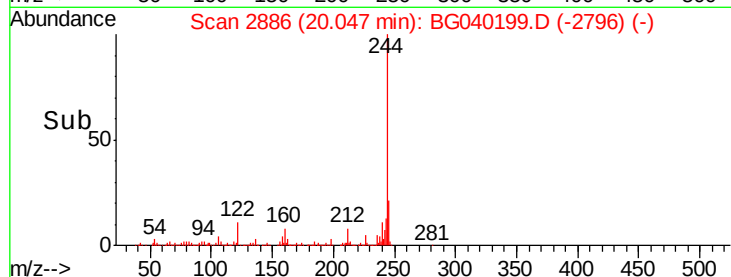
122 10.6 8.5 12.7



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: 41.496 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

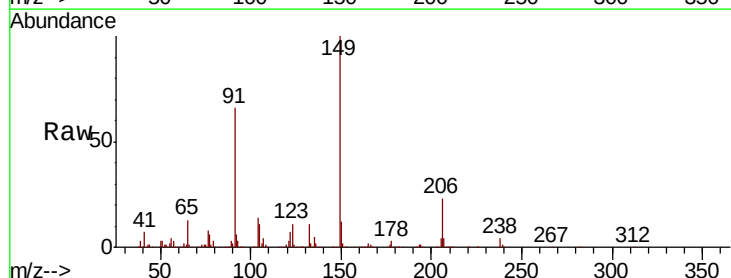
Tgt Ion:149 Resp: 377713

Ion Ratio Lower Upper

149 100

91 66.1 57.0 85.4

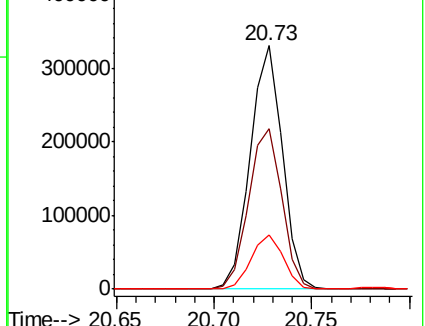
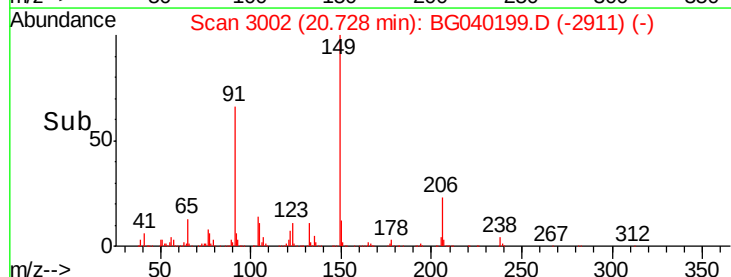
206 22.5 18.2 27.4

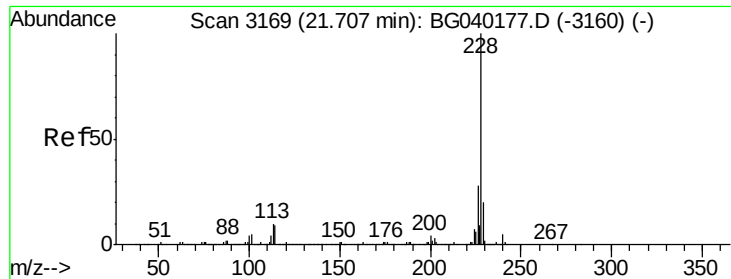


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

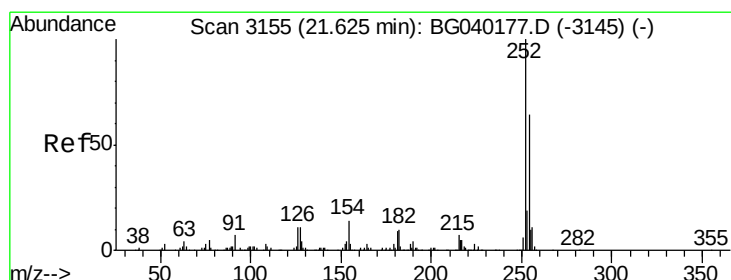
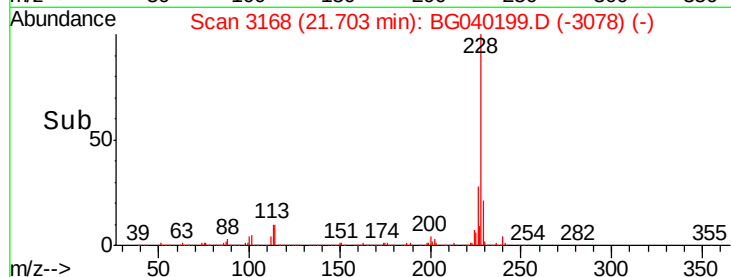
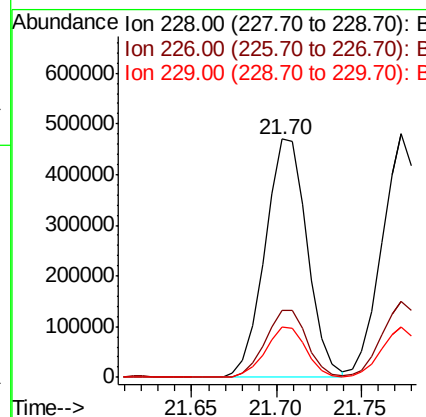
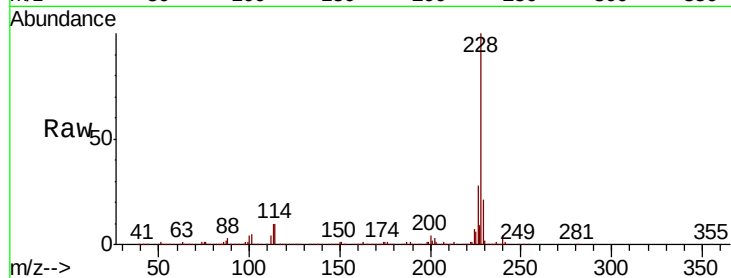




#81
Benzo(a)anthracene
Concen: 40.866 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

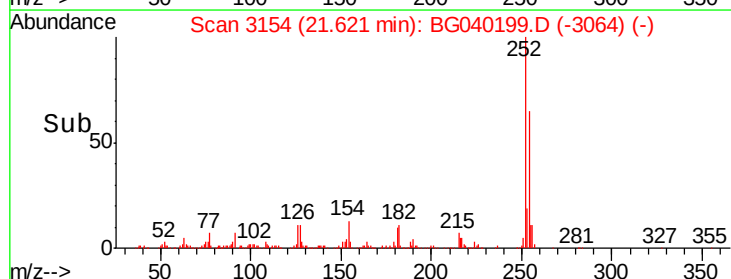
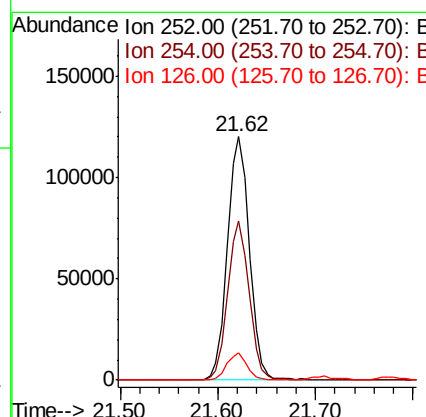
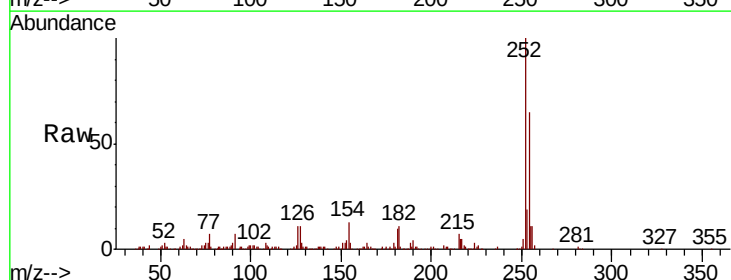
Instrument :
BNA_G
ClientSampleId :
PB118351BS

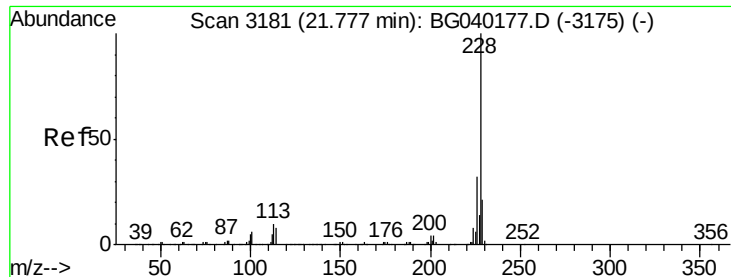
Tgt Ion:228 Resp: 814204
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 21.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 24.767 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:252 Resp: 187715
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 11.1 8.5 12.7





#83

Chrysene

Concen: 40.681 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

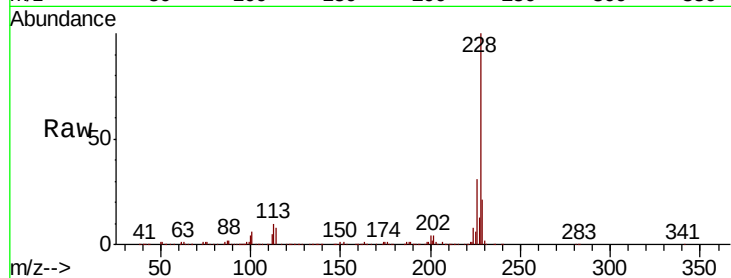
Tgt Ion:228 Resp: 778952

Ion Ratio Lower Upper

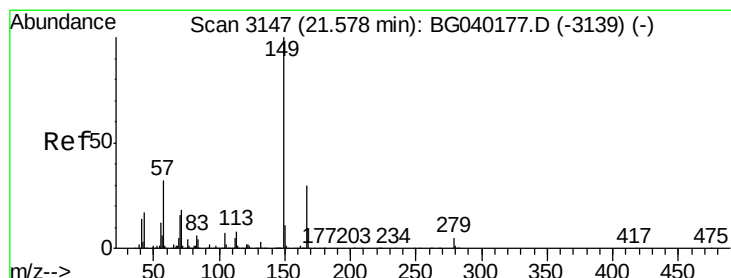
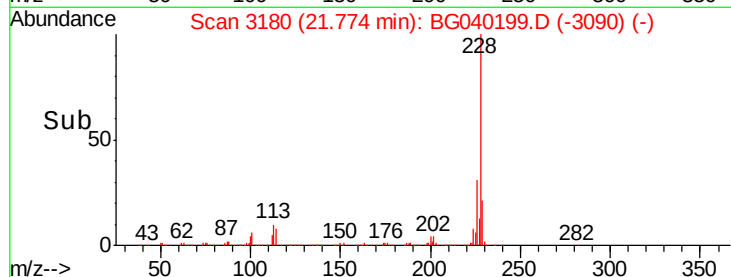
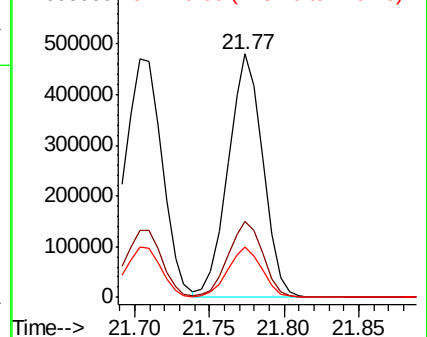
228 100

226 31.0 25.4 38.0

229 20.6 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: 40.159 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

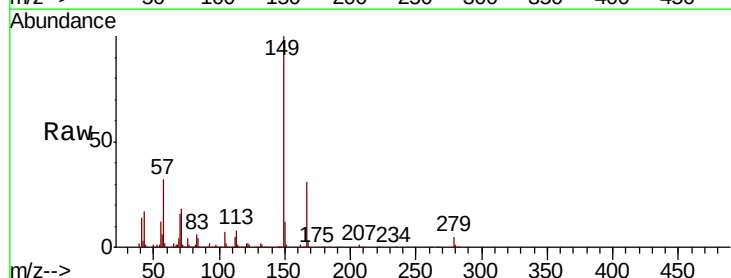
Tgt Ion:149 Resp: 522531

Ion Ratio Lower Upper

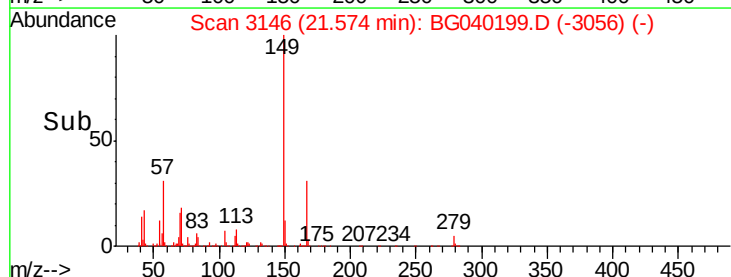
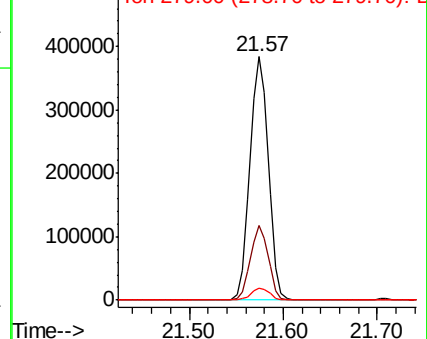
149 100

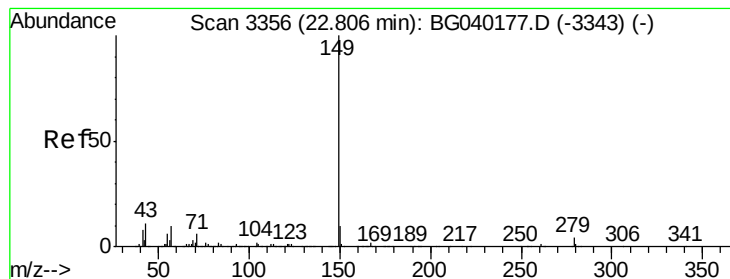
167 30.9 24.1 36.1

279 4.9 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: 40.635 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

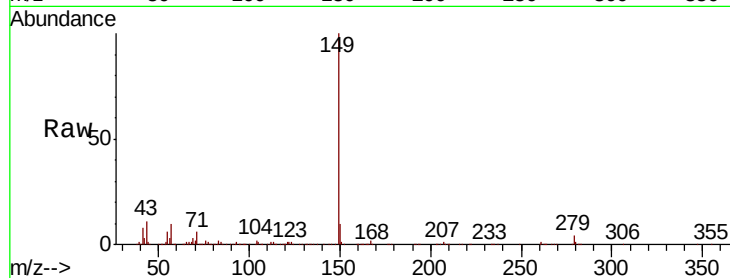
Tgt Ion:149 Resp: 900826

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

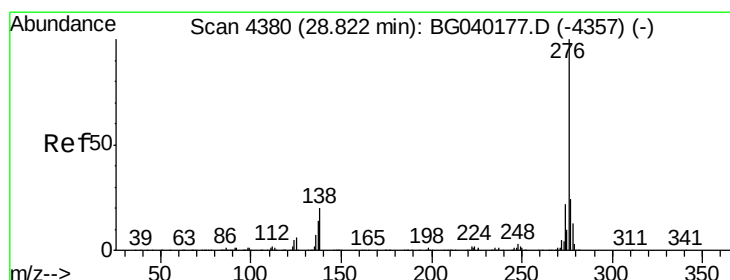
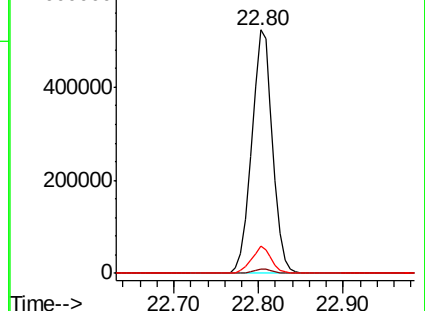
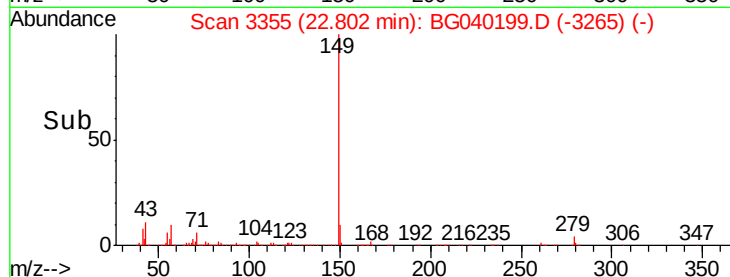
43 10.5 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.562 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.01 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

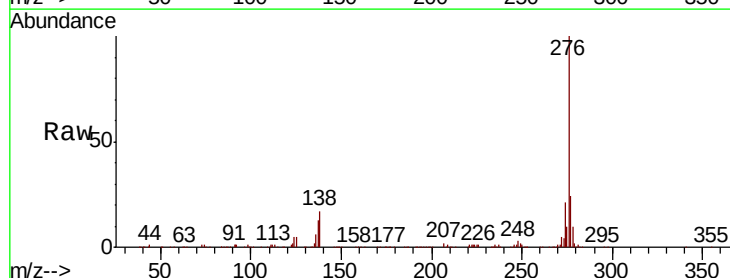
Tgt Ion:276 Resp: 973351

Ion Ratio Lower Upper

276 100

138 8.2 18.8 28.2#

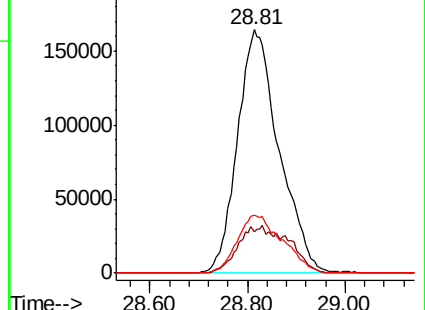
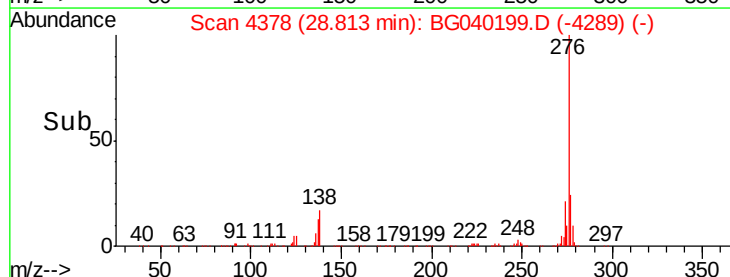
277 25.9 21.0 31.4

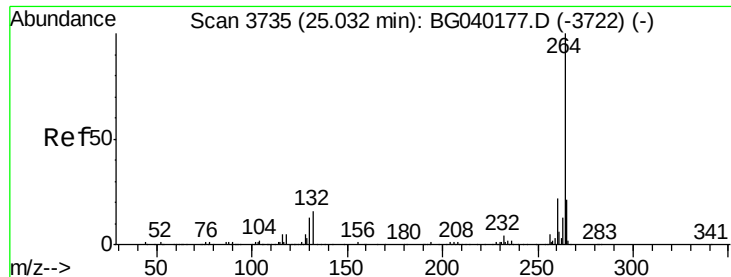


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.03 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

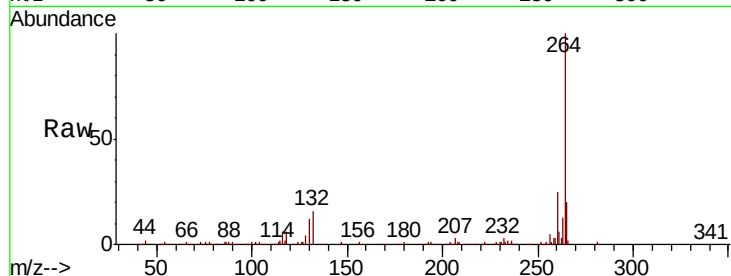
Tgt Ion:264 Resp: 334282

Ion Ratio Lower Upper

264 100

260 24.8 17.9 26.9

265 19.8 16.8 25.2

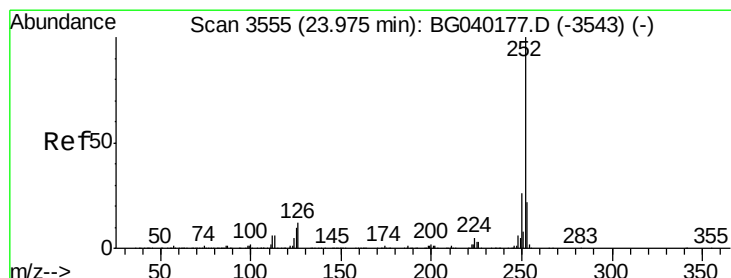
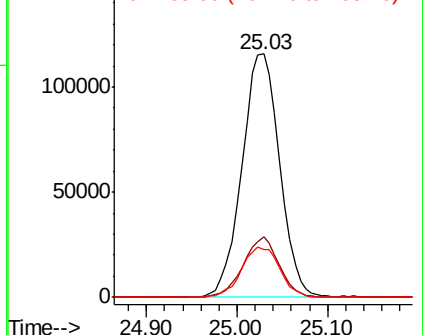
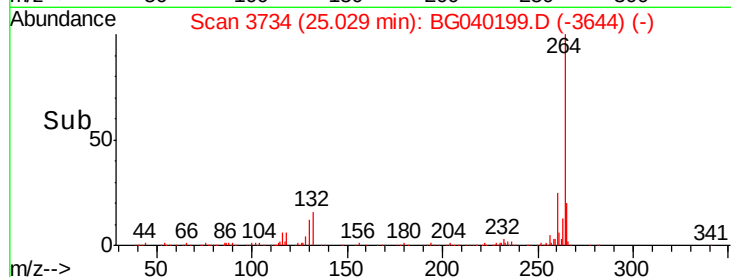


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.099 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

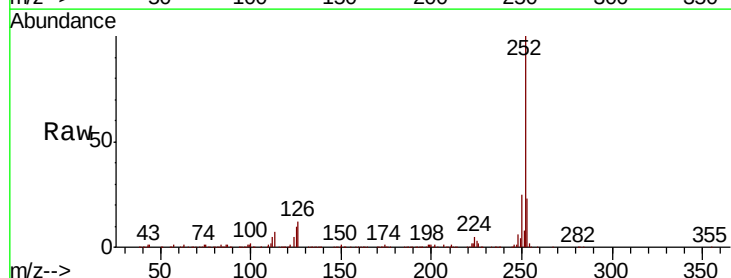
Tgt Ion:252 Resp: 861602

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 9.7 8.2 12.4

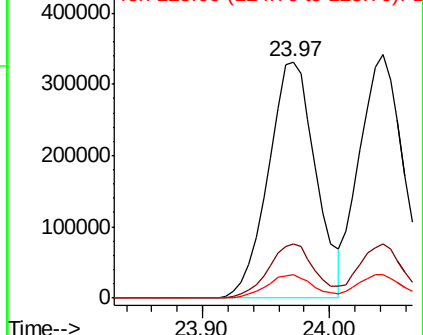
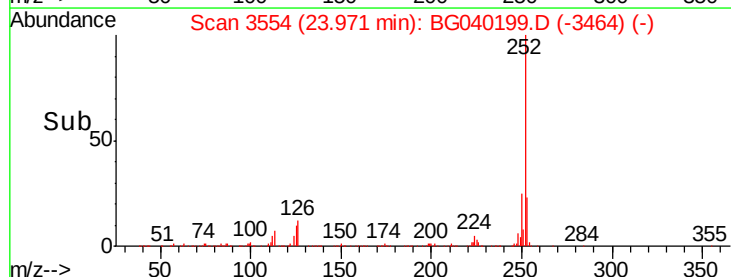


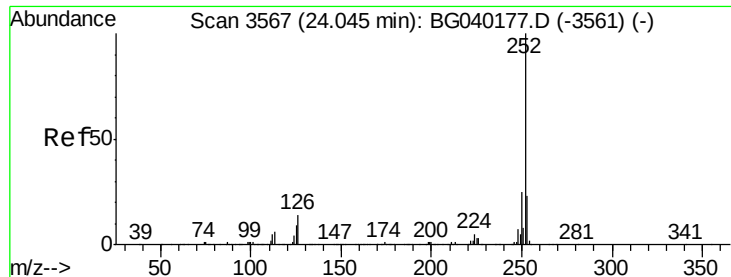
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.450 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

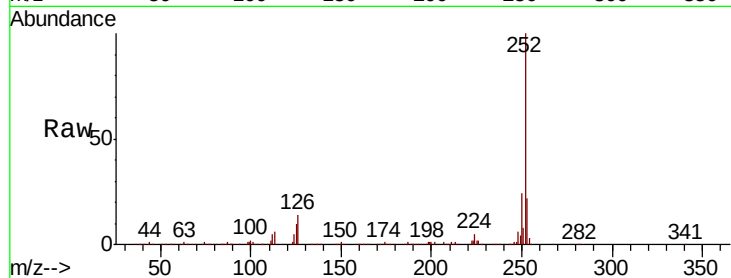
Tgt Ion:252 Resp: 817760

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

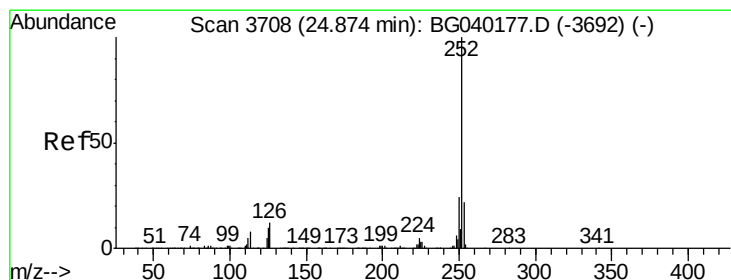
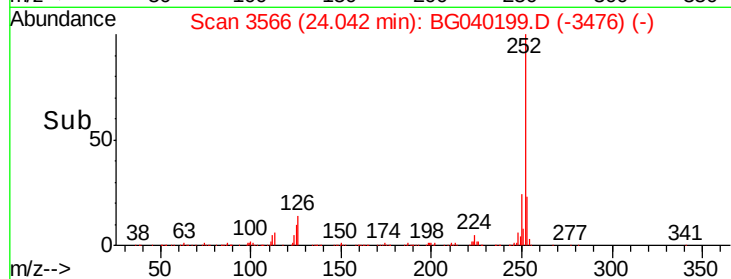
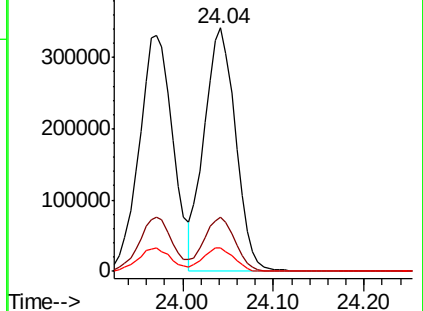
125 9.6 7.3 10.9



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: 43.577 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

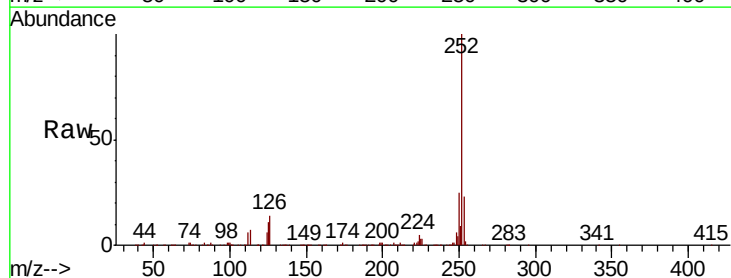
Tgt Ion:252 Resp: 836794

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

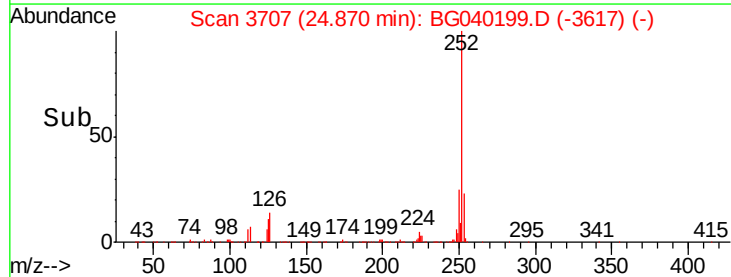
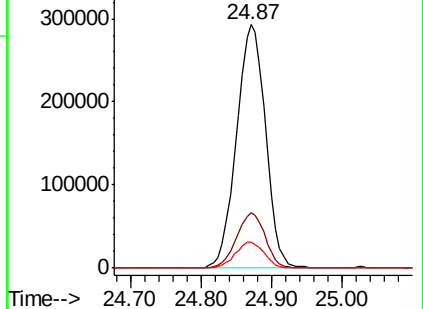
125 10.8 8.3 12.5

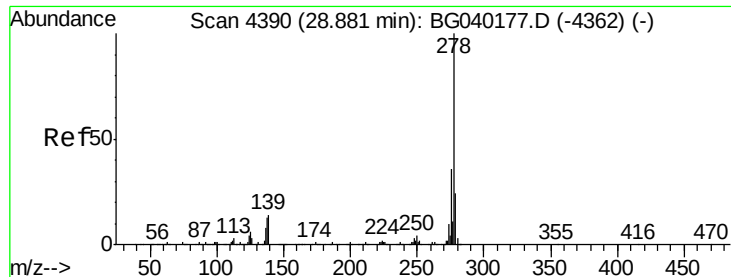


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.079 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

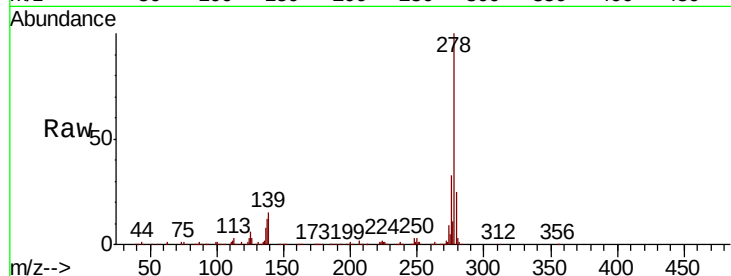
Tgt Ion:278 Resp: 786119

Ion Ratio Lower Upper

278 100

139 15.4 11.2 16.8

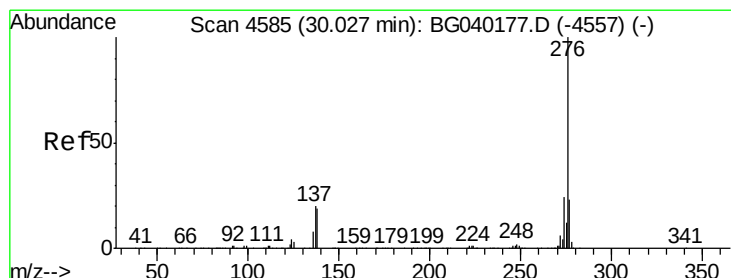
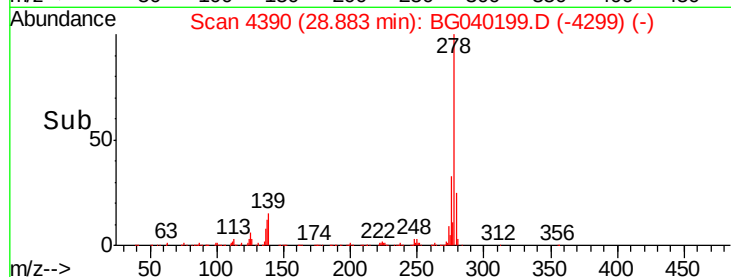
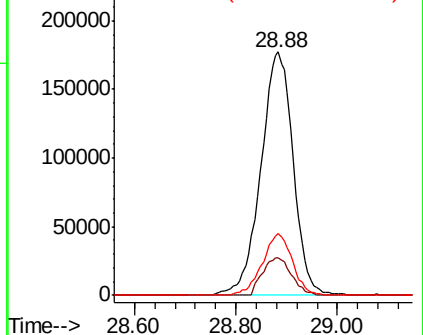
279 25.2 18.9 28.3



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: 44.210 ng

RT: 30.02 min Scan# 4583

Delta R.T. -0.01 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

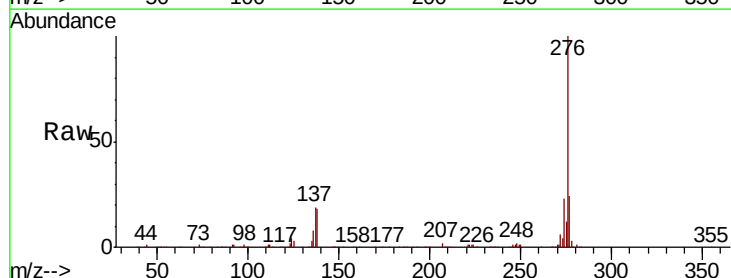
Tgt Ion:276 Resp: 810300

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 18.0 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

