

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040200.D
 Acq On : 28 Mar 2019 15:03
 Operator : JU/SJ
 Sample : PB118351BSD
 Misc : MDL 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Quant Time: Mar 29 05:44:59 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	50888	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	196124	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	120830	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	311773	20.00	ng	0.00
76) Chrysene-d12	21.73	240	327280	20.00	ng	0.00
87) Perylene-d12	25.03	264	335653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	394830	128.98	ng	0.00
7) Phenol-d6	7.22	99	528798	125.00	ng	0.00
23) Nitrobenzene-d5	9.25	82	285395	77.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	188845	144.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	639995	78.48	ng	0.00
79) Terphenyl-d14	20.04	244	1149110	78.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	73689	51.195	ng	93
3) Pyridine	3.92	79	143980	37.152	ng	98
4) n-Nitrosodimethylamine	3.84	42	65993	36.813	ng	91
6) Aniline	7.39	93	154863	28.176	ng	98
8) 2-Chlorophenol	7.63	128	139862	39.032	ng	94
9) Benzaldehyde	7.21	77	51591	17.778	ng	96
10) Phenol	7.25	94	183676	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	135152	36.748	ng	99
12) 1,3-Dichlorobenzene	7.95	146	147938	37.979	ng	96
13) 1,4-Dichlorobenzene	8.11	146	149888	38.635	ng	98
14) 1,2-Dichlorobenzene	8.42	146	143142	38.582	ng	99
15) Benzyl Alcohol	8.31	79	123448	36.234	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	253954	35.979	ng	98
17) 2-Methylphenol	8.51	107	125213	39.407	ng	98
18) Hexachloroethane	9.15	117	55330	37.493	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	104655	34.504	ng	96
20) 3+4-Methylphenols	8.83	107	169043	39.271	ng	99
22) Acetophenone	8.90	105	207503	42.414	ng	# 99
24) Nitrobenzene	9.29	77	156138	40.865	ng	99
25) Isophorone	9.80	82	298337	39.296	ng	97
26) 2-Nitrophenol	10.00	139	74017	40.883	ng	98
27) 2,4-Dimethylphenol	10.04	122	140882	48.988	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	183827	40.927	ng	99
29) 2,4-Dichlorophenol	10.53	162	136226	43.641	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	144268	42.091	ng	98
31) Naphthalene	10.94	128	421277	41.906	ng	99
32) Benzoic acid	10.18	122	59420	34.198	ng	94
33) 4-Chloroaniline	11.05	127	97180	22.663	ng	96
34) Hexachlorobutadiene	11.20	225	90218	41.157	ng	95
35) Caprolactam	11.83	113	28773	23.228	ng	91
36) 4-Chloro-3-methylphenol	12.16	107	152721	42.558	ng	99
37) 2-Methylnaphthalene	12.54	142	315150	42.388	ng	98
38) 1-Methylnaphthalene	12.75	142	294374	40.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	156854	40.843	ng	99

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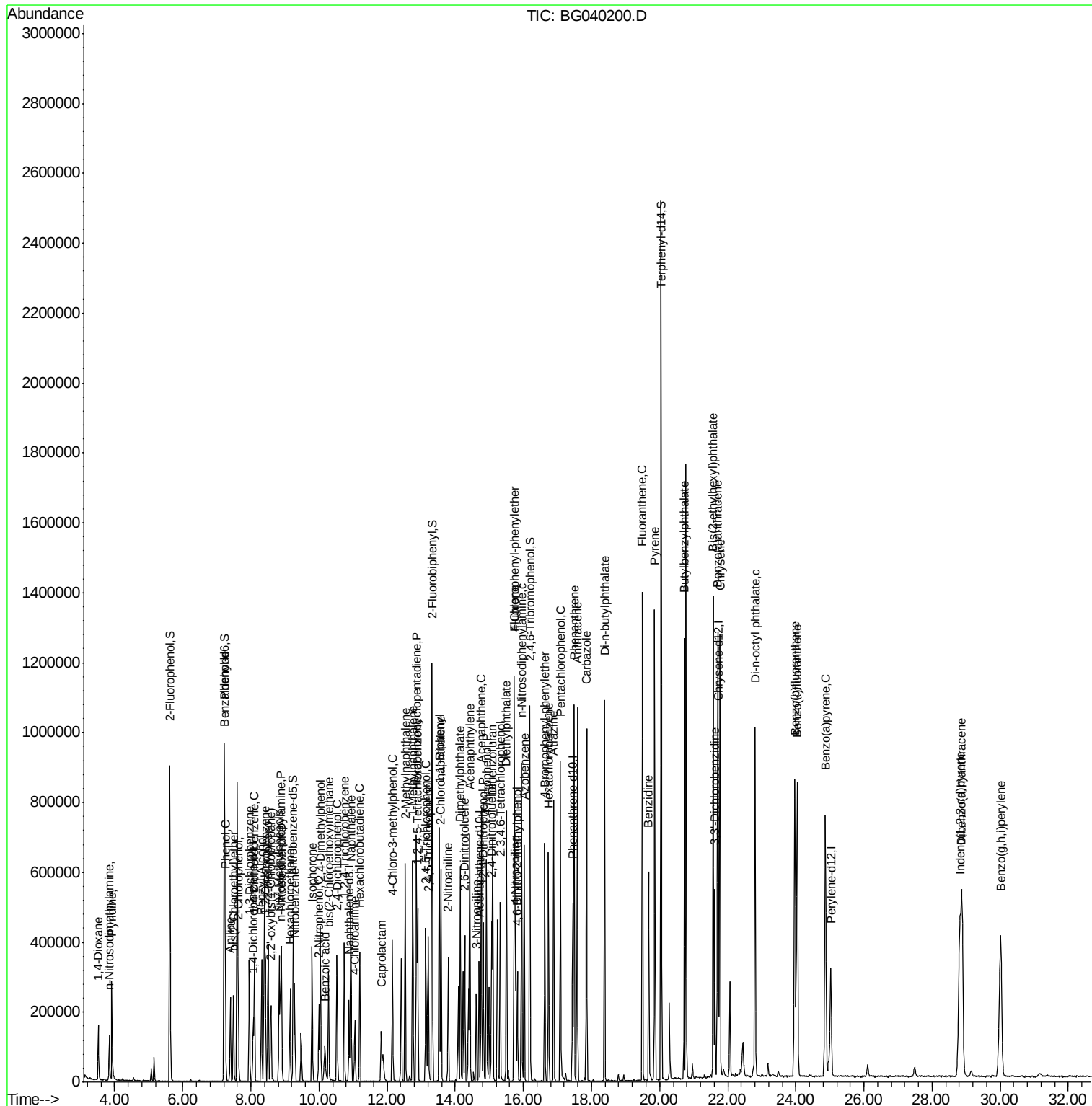
Quant Time: Mar 29 05:44:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	212534	100.791	ng	94
43) 2,4,6-Trichlorophenol	13.14	196	108603	43.862	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	120581	44.679	ng	94
46) 1,1'-Biphenyl	13.53	154	396233	41.503	ng	98
47) 2-Chloronaphthalene	13.58	162	305694	41.743	ng	99
48) 2-Nitroaniline	13.79	65	102683	41.569	ng	94
49) Acenaphthylene	14.43	152	517026	41.640	ng	99
50) Dimethylphthalate	14.15	163	409502	43.303	ng	99
51) 2,6-Dinitrotoluene	14.28	165	93549	44.057	ng	99
52) Acenaphthene	14.76	154	300806	42.279	ng	96
53) 3-Nitroaniline	14.62	138	63923	28.440	ng	94
54) 2,4-Dinitrophenol	14.82	184	109239	96.736	ng	96
55) Dibenzofuran	15.10	168	492528	43.081	ng	100
56) 4-Nitrophenol	14.92	139	165366	91.159	ng	98
57) 2,4-Dinitrotoluene	15.07	165	134076	45.443	ng	99
58) Fluorene	15.74	166	388834	43.259	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	109300	44.630	ng	# 98
60) Diethylphthalate	15.50	149	434936	44.946	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	208115	43.316	ng	98
62) 4-Nitroaniline	15.78	138	105381	43.689	ng	96
63) Azobenzene	16.03	77	393764	43.139	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	73823	42.146	ng	97
66) n-Nitrosodiphenylamine	15.95	169	366785	40.203	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	136732	38.971	ng	96
68) Hexachlorobenzene	16.74	284	142403	40.367	ng	96
69) Atrazine	16.89	200	143444	42.266	ng	99
70) Pentachlorophenol	17.09	266	168798	82.765	ng	95
71) Phenanthrene	17.49	178	688406	42.008	ng	99
72) Anthracene	17.58	178	705500	43.012	ng	98
73) Carbazole	17.85	167	672839	43.345	ng	99
74) Di-n-butylphthalate	18.39	149	812198	44.141	ng	99
75) Fluoranthene	19.50	202	889002	45.814	ng	99
77) Benzidine	19.68	184	364902	30.876	ng	97
78) Pyrene	19.86	202	890649	41.383	ng	98
80) Butylbenzylphthalate	20.73	149	378550	41.103	ng	97
81) Benzo(a)anthracene	21.71	228	817281	40.542	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	188229	24.546	ng	96
83) Chrysene	21.77	228	789521	40.752	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	523380	39.755	ng	100
85) Di-n-octyl phthalate	22.81	149	902699	40.245	ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	972983	41.062	ng	99
88) Benzo(b)fluoranthene	23.97	252	854210	41.567	ng	98
89) Benzo(k)fluoranthene	24.04	252	824821	43.646	ng	100
90) Benzo(a)pyrene	24.87	252	838421	43.484	ng	99
91) Dibenzo(a,h)anthracene	28.88	278	784612	43.815	ng	97
92) Benzo(g,h,i)perylene	30.02	276	811673	44.104	ng	99

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

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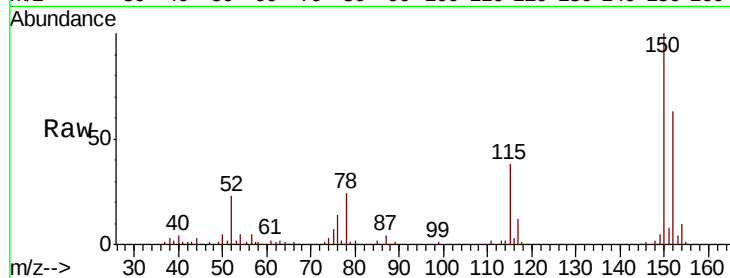


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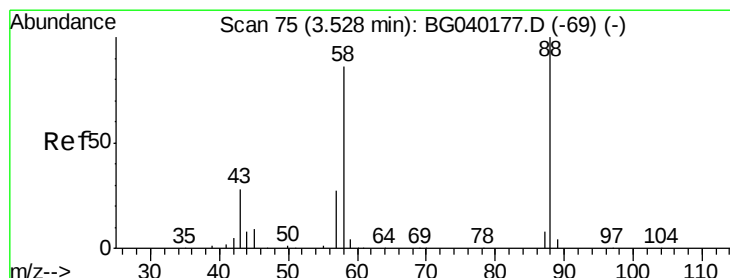
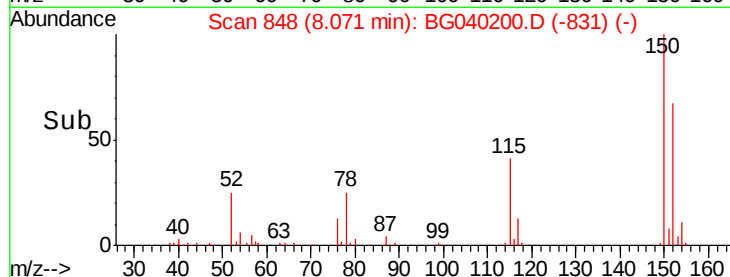
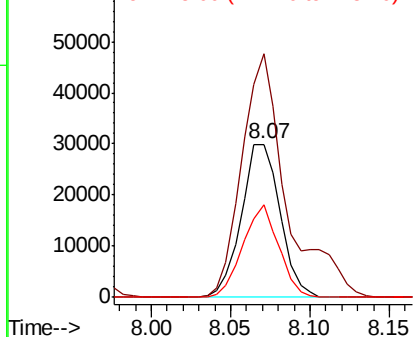
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:152 Resp: 50888
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 60.6 46.9 70.3



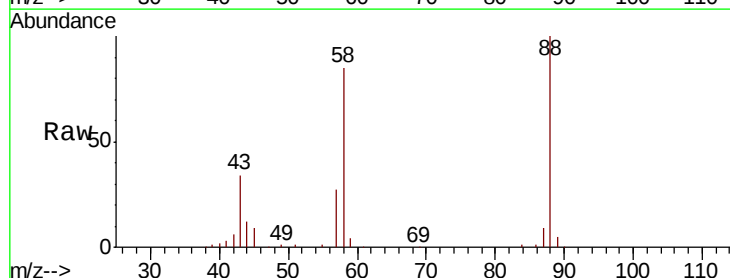
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



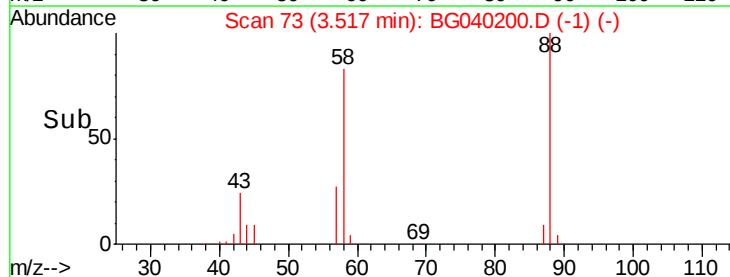
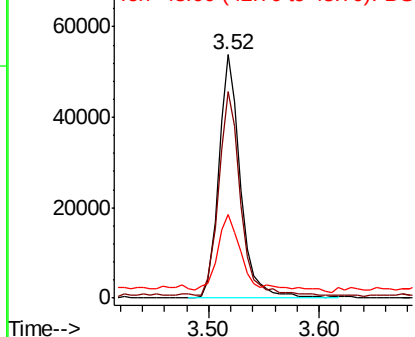
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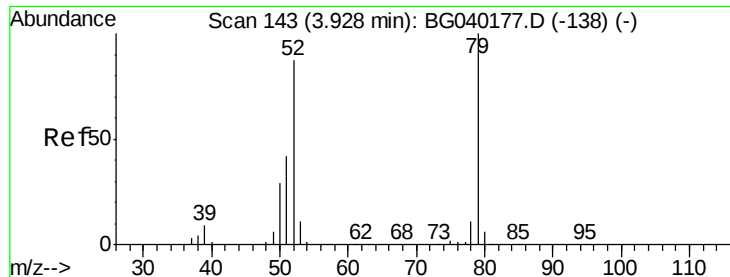
1,4-Dioxane
Concen: 51.195 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion: 88 Resp: 73689
Ion Ratio Lower Upper
88 100
58 82.7 70.6 106.0
43 37.2 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: 37.152 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

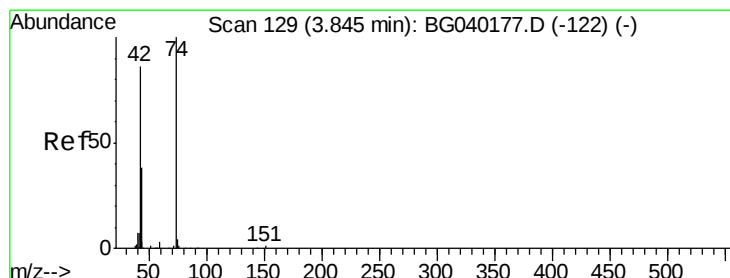
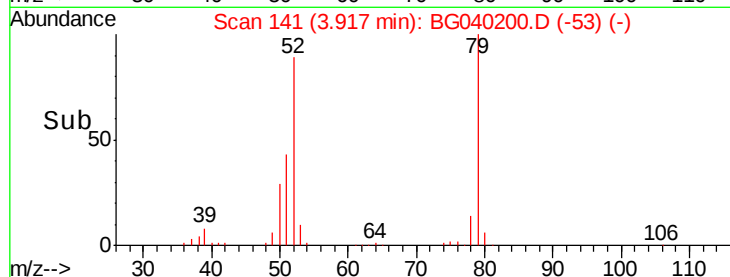
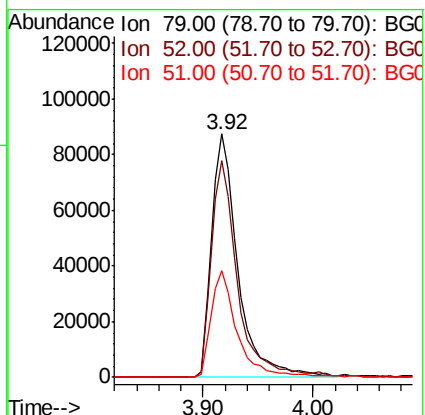
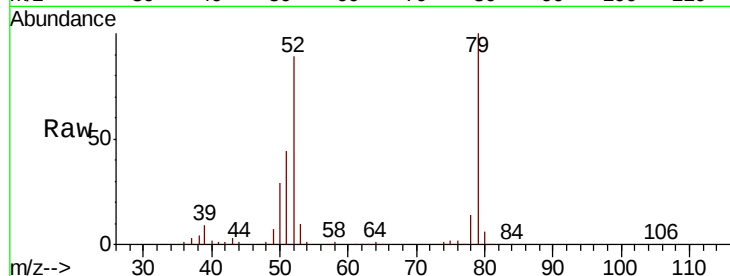
Tgt Ion: 79 Resp: 143980

Ion Ratio Lower Upper

79 100

52 88.9 69.8 104.8

51 43.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.813 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

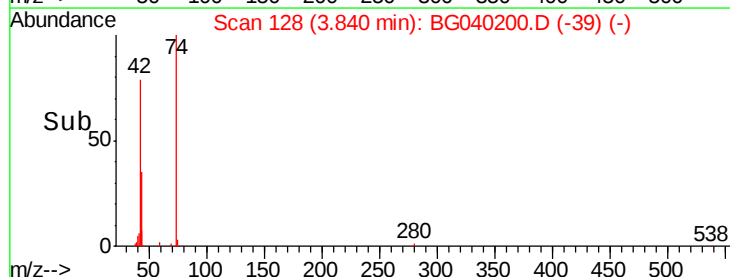
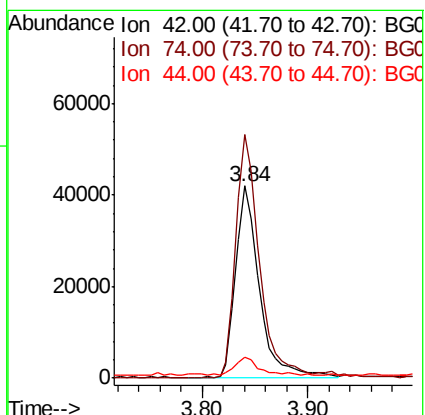
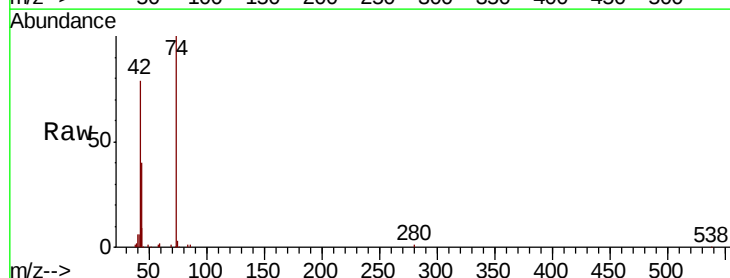
Tgt Ion: 42 Resp: 65993

Ion Ratio Lower Upper

42 100

74 126.6 92.9 139.3

44 10.8 9.7 14.5





#5

2-Fluorophenol

Concen: 128.983 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

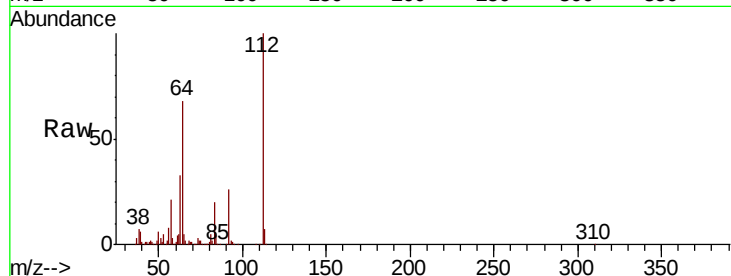
Tgt Ion: 112 Resp: 394830

Ion Ratio Lower Upper

112 100

64 67.9 54.2 81.2

63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

300000

250000

200000

150000

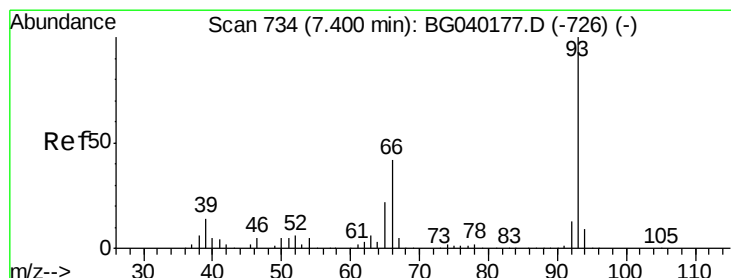
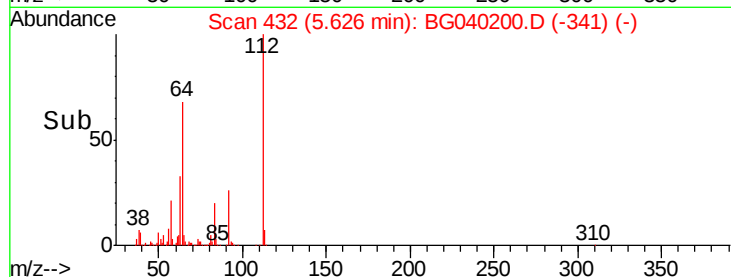
100000

50000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#6

Aniline

Concen: 28.176 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

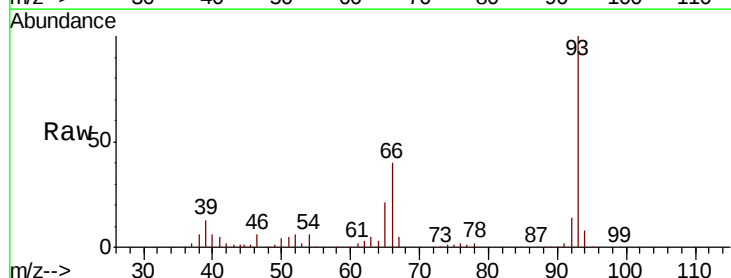
Tgt Ion: 93 Resp: 154863

Ion Ratio Lower Upper

93 100

66 40.2 33.6 50.4

65 21.1 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

120000

100000

80000

60000

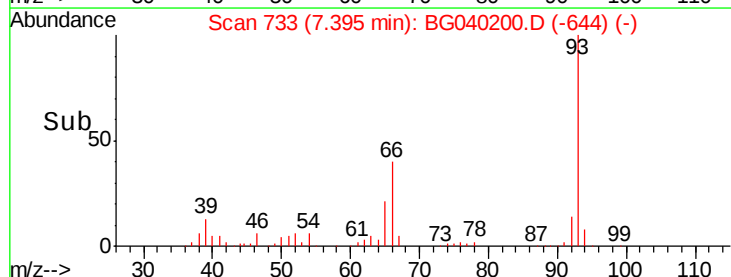
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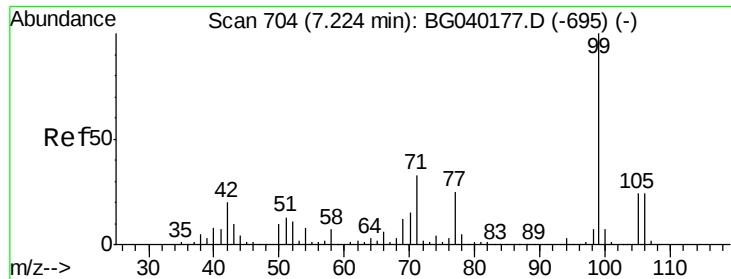
20000

0

7.30 7.35 7.40 7.45

Time-->





#7

Phenol-d6

Concen: 124.997 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

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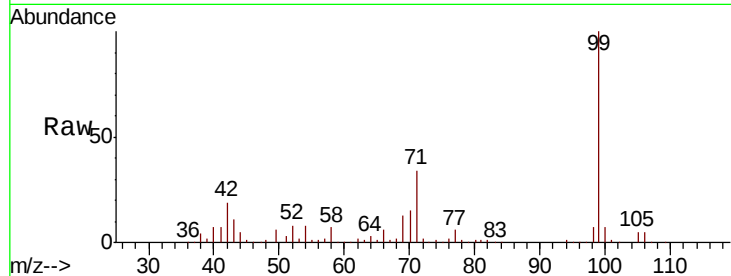
Tgt Ion: 99 Resp: 528798

Ion Ratio Lower Upper

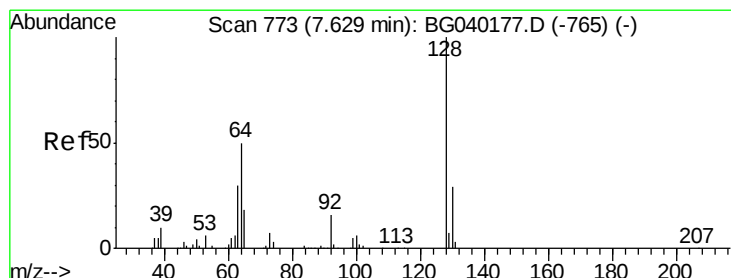
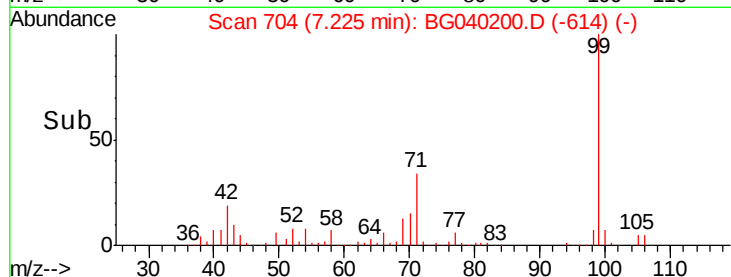
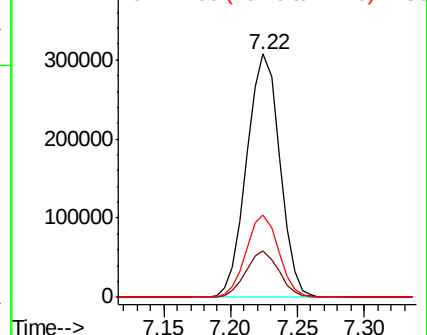
99 100

42 18.9 16.2 24.2

71 34.0 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: 39.032 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

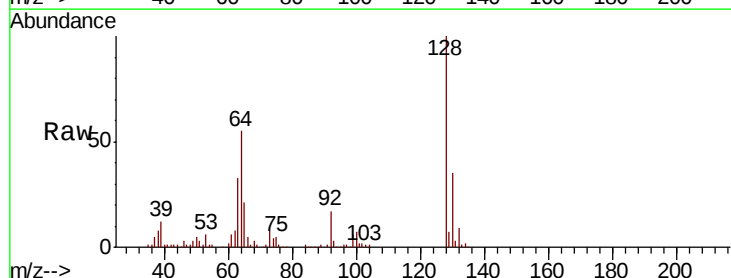
Tgt Ion: 128 Resp: 139862

Ion Ratio Lower Upper

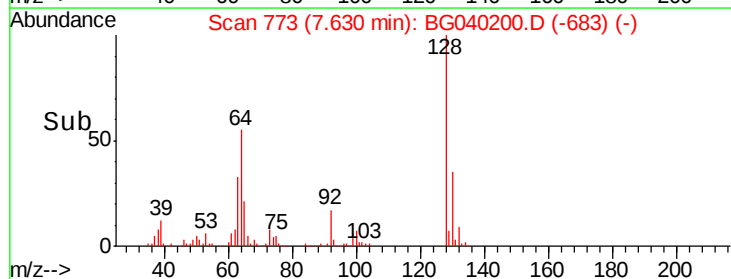
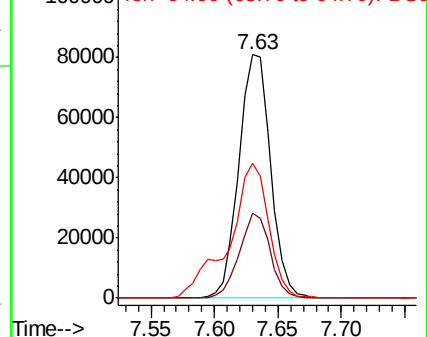
128 100

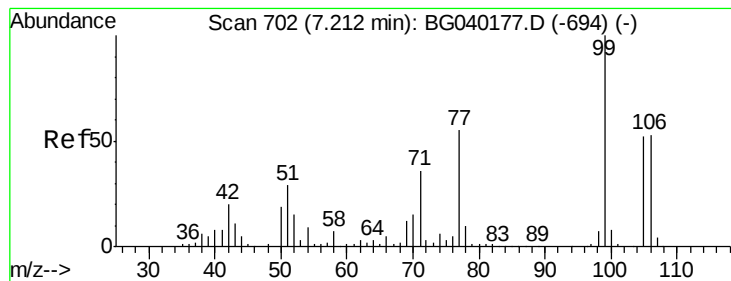
130 34.7 9.1 49.1

64 55.5 33.1 73.1



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





#9

Benzaldehyde

Concen: 17.778 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040200.D

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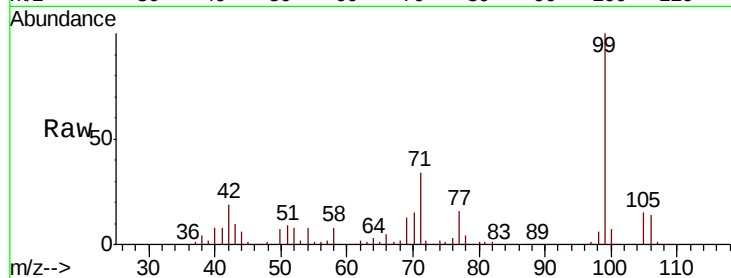
Tgt Ion: 77 Resp: 51591

Ion Ratio Lower Upper

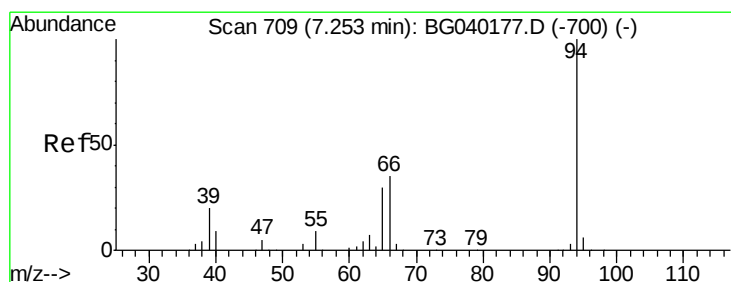
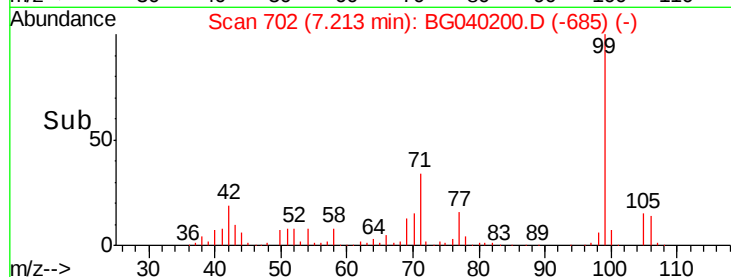
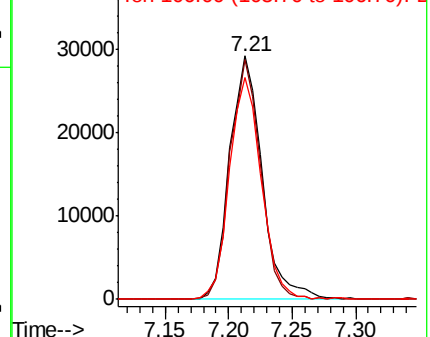
77 100

105 98.5 75.0 115.0

106 91.2 75.7 115.7



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



#10

Phenol

Concen: 40.000 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

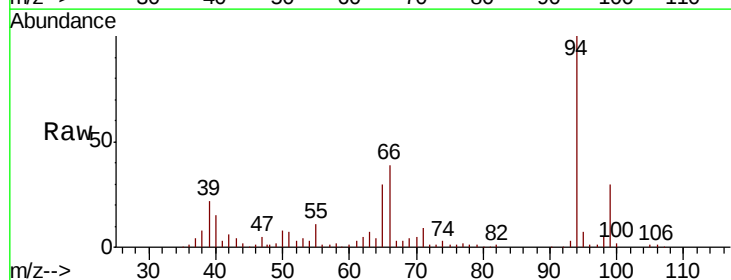
Tgt Ion: 94 Resp: 183676

Ion Ratio Lower Upper

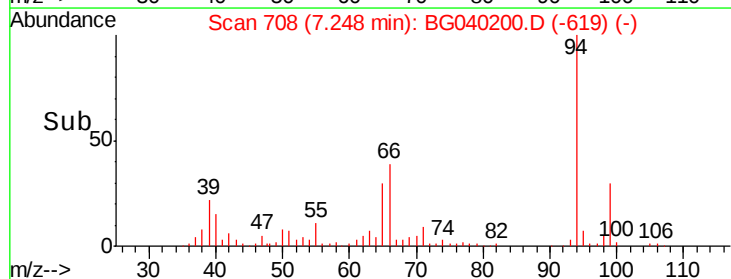
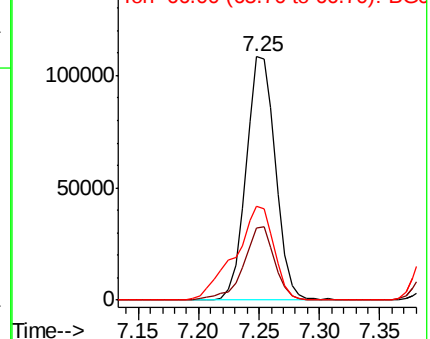
94 100

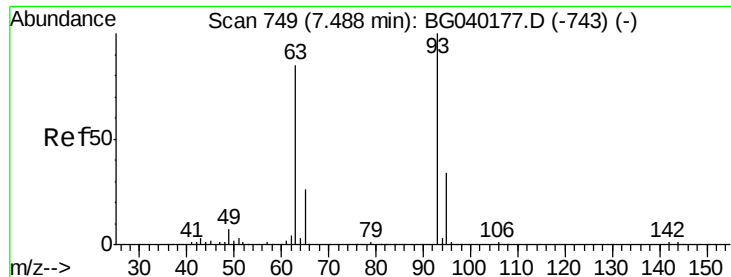
65 29.6 10.5 50.5

66 38.8 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

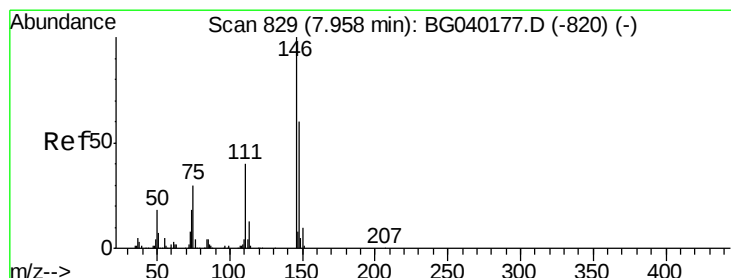
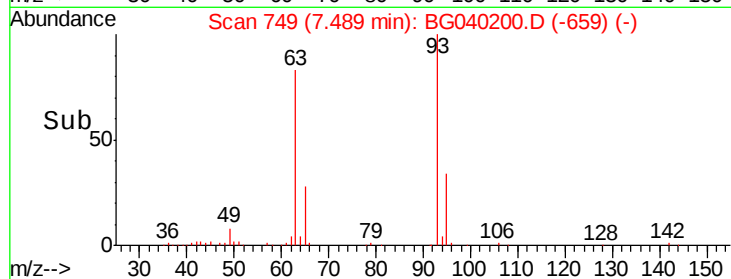
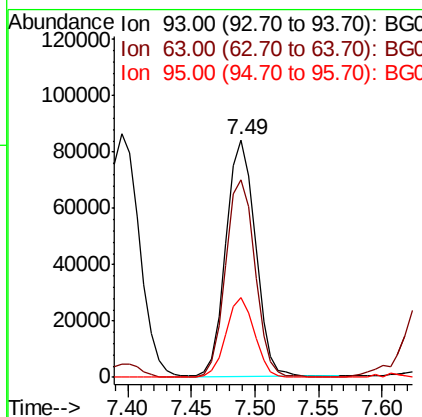
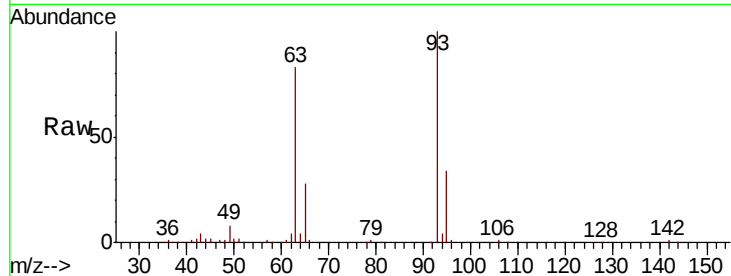




#11
 bis(2-Chloroethyl)ether
 Concen: 36.748 ng
 RT: 7.49 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

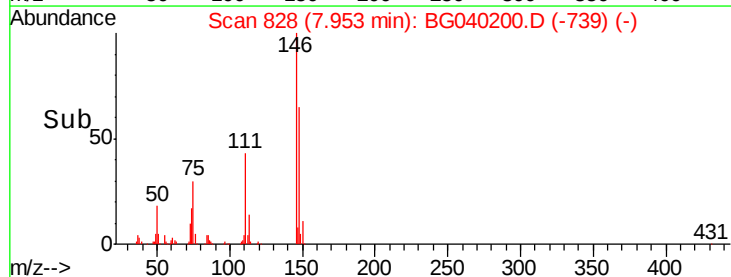
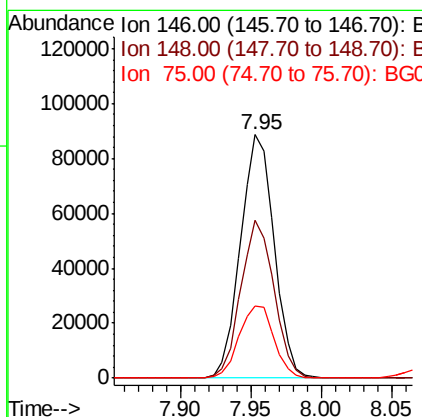
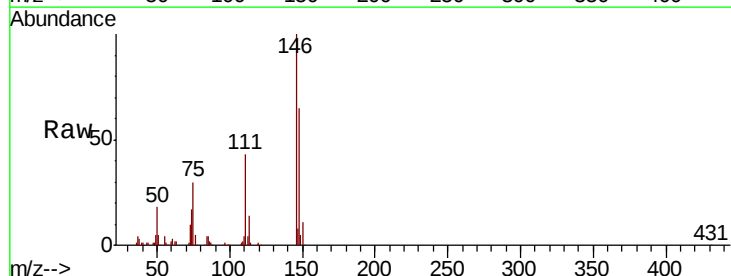
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

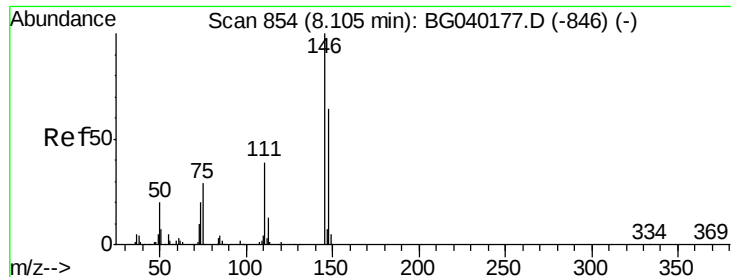
Tgt Ion:	93	Resp:	135152
Ion	Ratio	Lower	Upper
93	100		
63	83.2	64.2	104.2
95	33.8	14.0	54.0



#12
 1,3-Dichlorobenzene
 Concen: 37.979 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion:	146	Resp:	147938
Ion	Ratio	Lower	Upper
146	100		
148	64.7	48.2	72.2
75	29.6	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 38.635 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

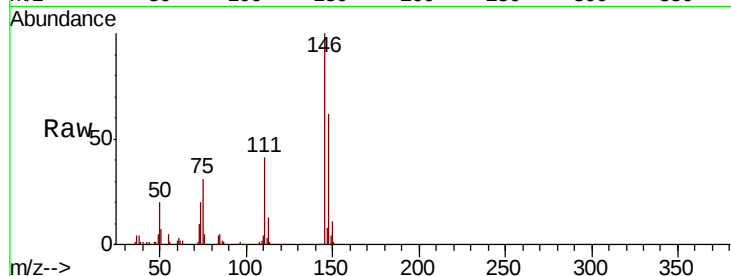
Tgt Ion:146 Resp: 149888

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.4

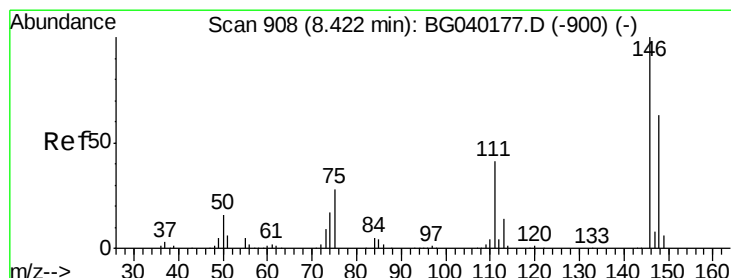
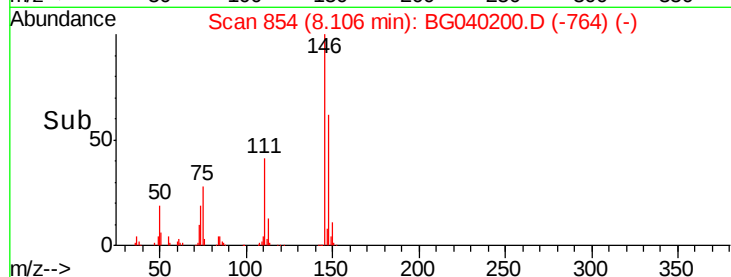
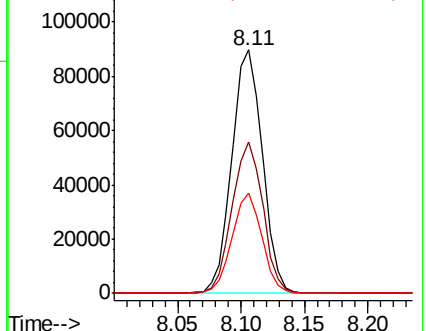
111 41.1 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.582 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

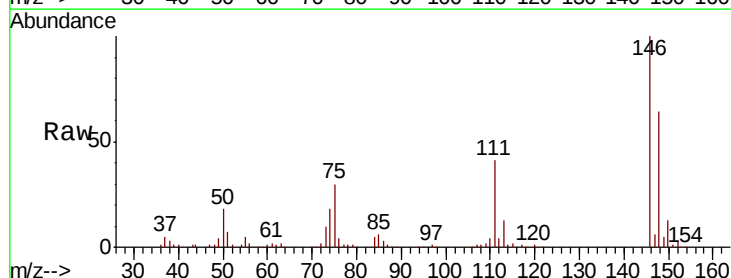
Tgt Ion:146 Resp: 143142

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

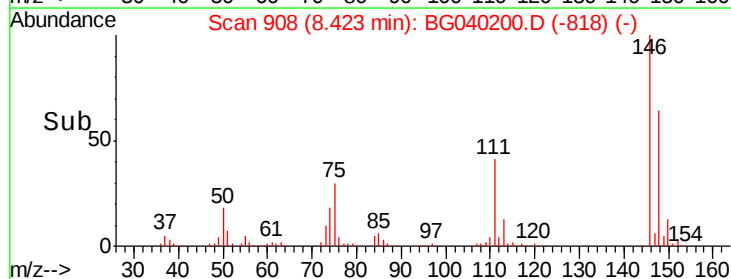
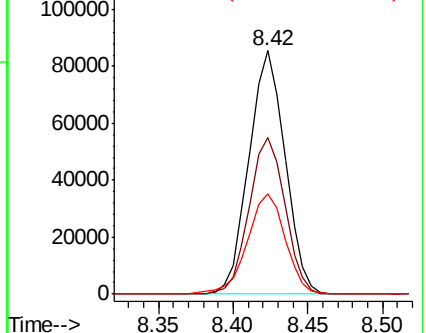
111 41.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

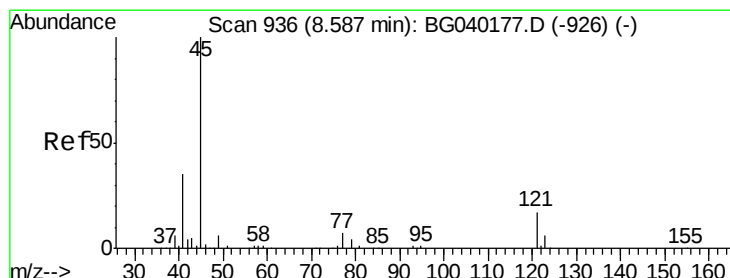
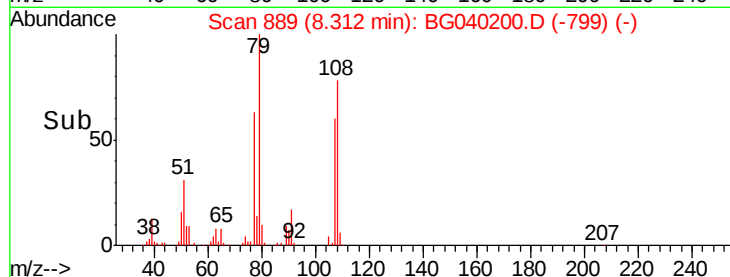
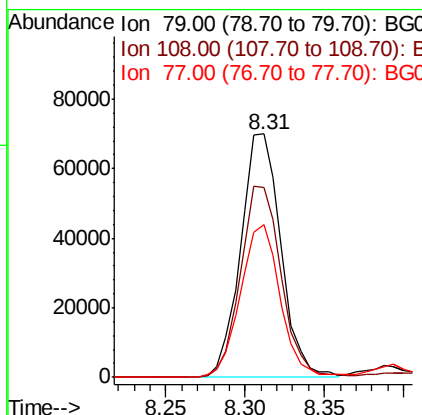
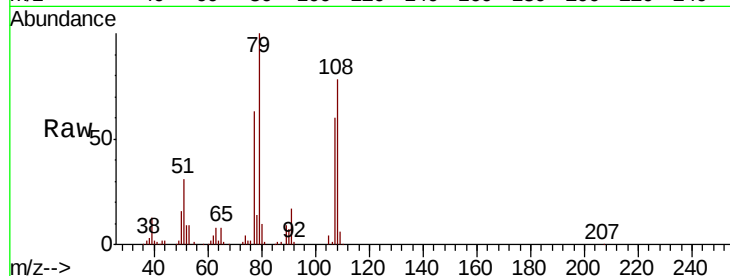




#15
Benzyl Alcohol
Concen: 36.234 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

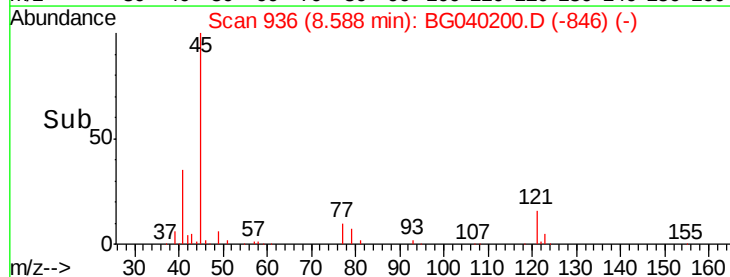
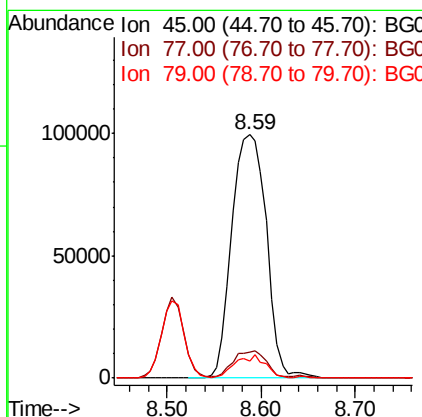
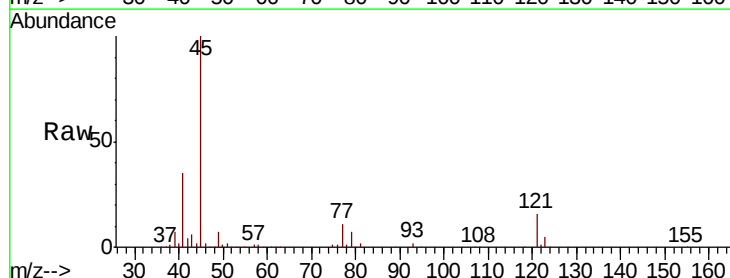
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

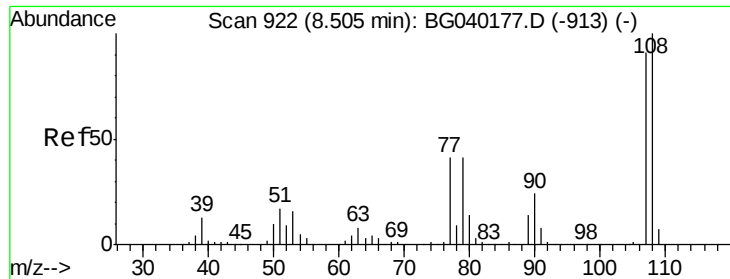
Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.1	93.1
77	62.7	51.9	77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.979 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.4
79	7.2	0.0	28.3

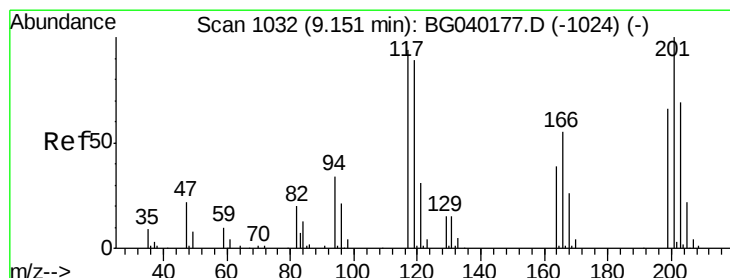
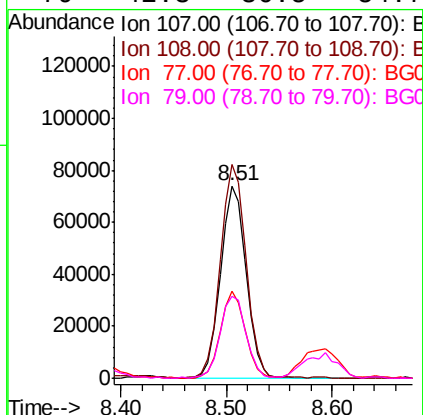
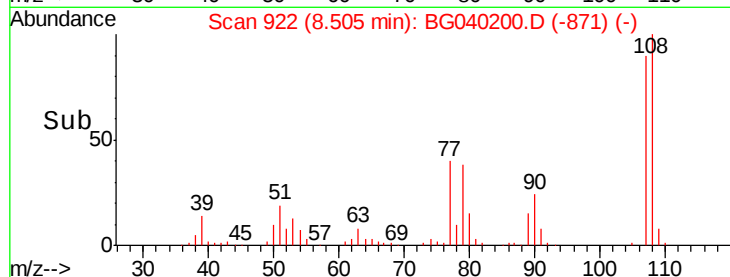
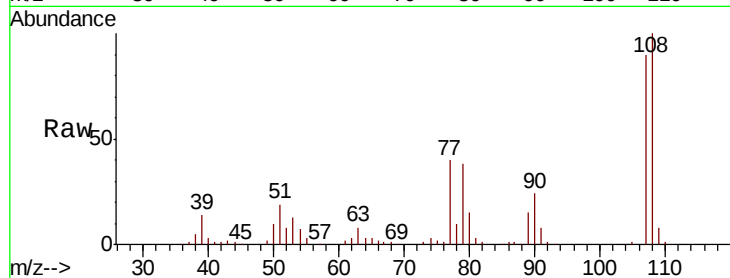




#17
2-Methylphenol
Concen: 39.407 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

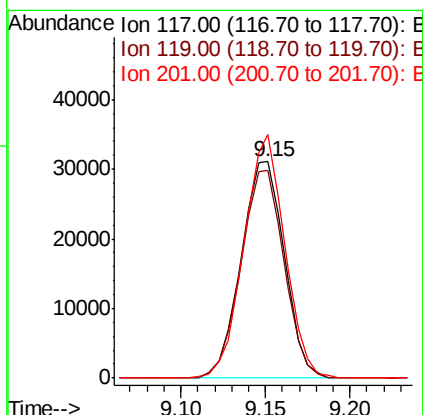
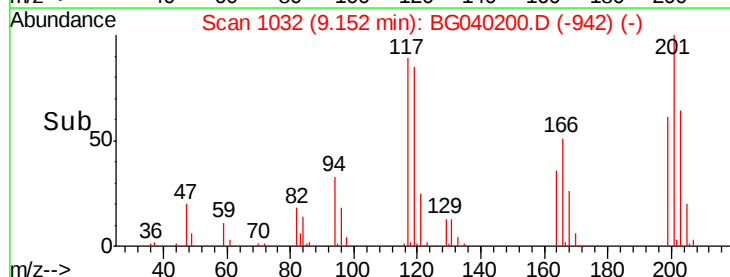
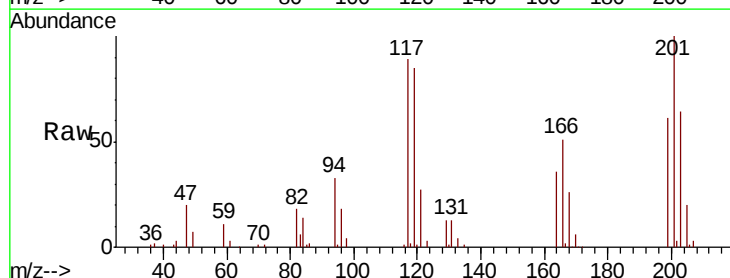
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

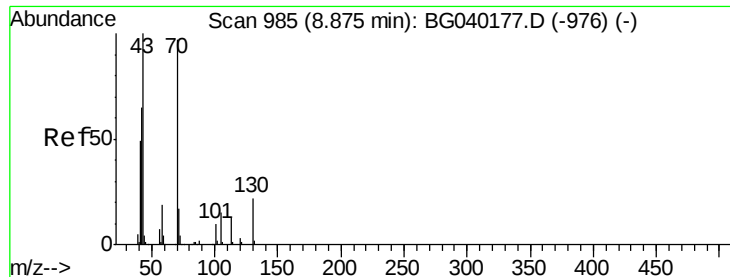
Tgt Ion:107 Resp: 125213
Ion Ratio Lower Upper
107 100
108 111.1 88.2 132.4
77 45.0 36.6 55.0
79 42.3 36.5 54.7



#18
Hexachloroethane
Concen: 37.493 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:117 Resp: 55330
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0
201 109.8 85.0 127.4

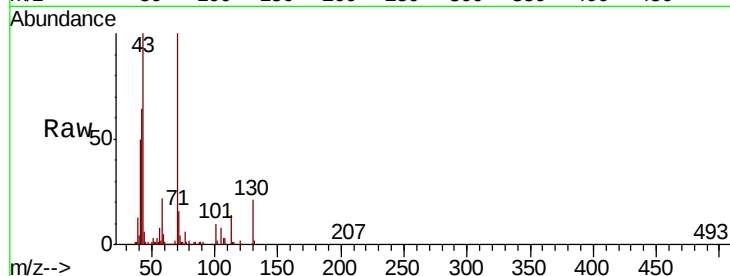




#19
n-Nitroso-di-n-propylamine
Concen: 34.504 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:	70	Resp:	104655
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.0	81.0
101	10.2	8.6	13.0
130	21.5	18.2	27.2



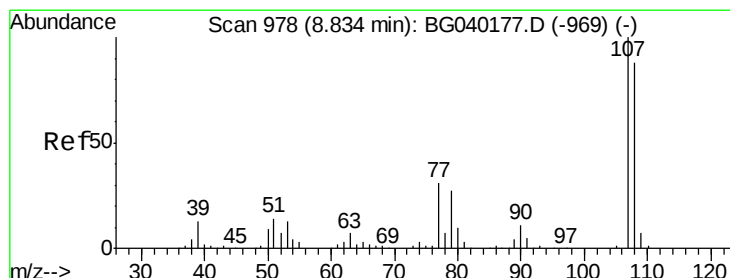
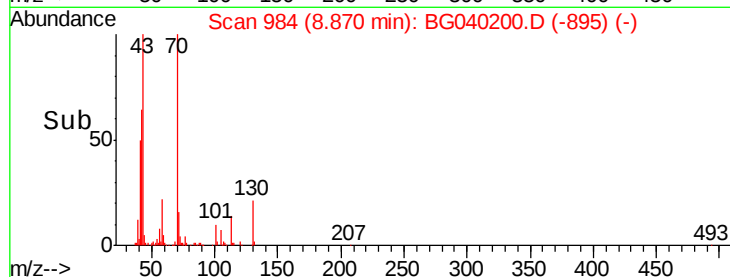
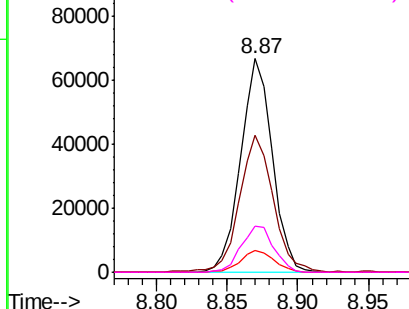
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

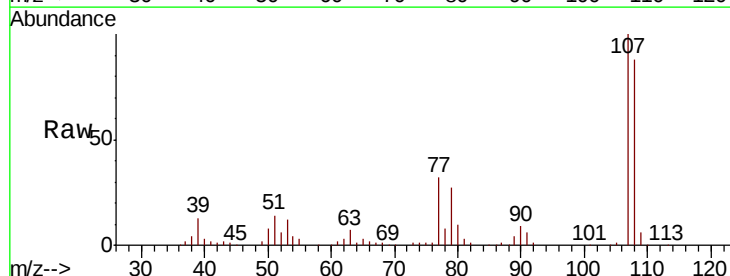
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.271 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:	107	Resp:	169043
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.3	108.3
77	32.0	11.3	51.3
79	26.7	7.3	47.3



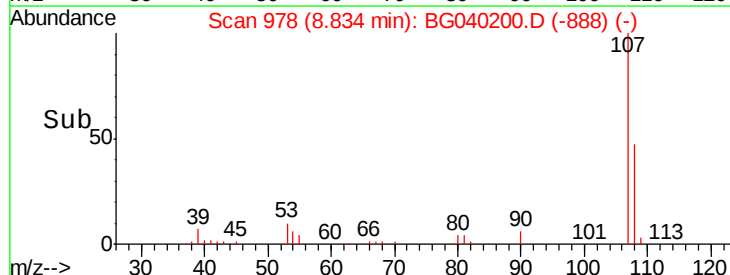
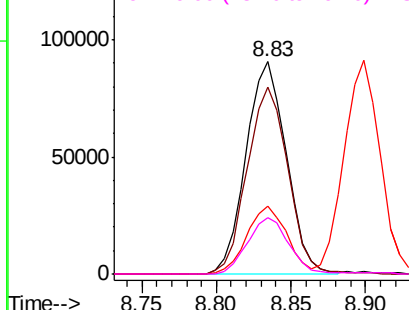
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

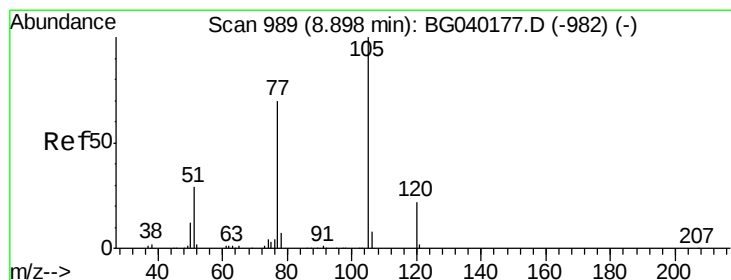
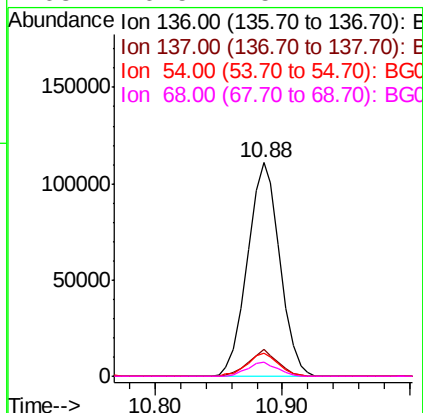
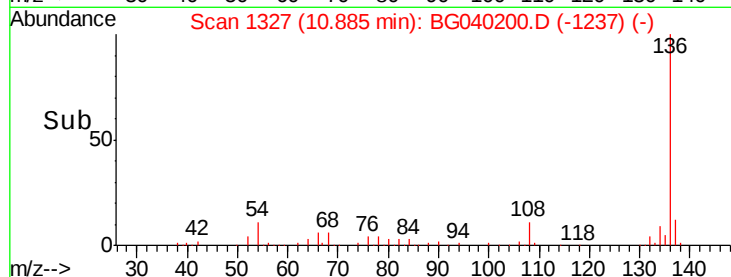
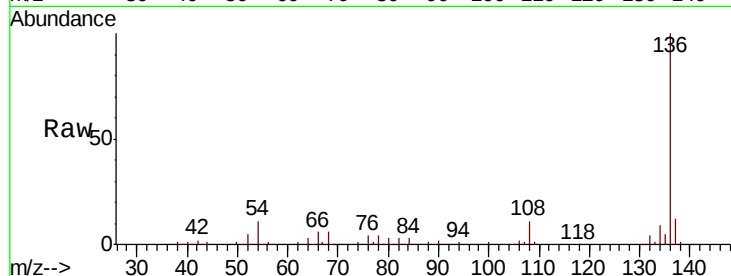




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

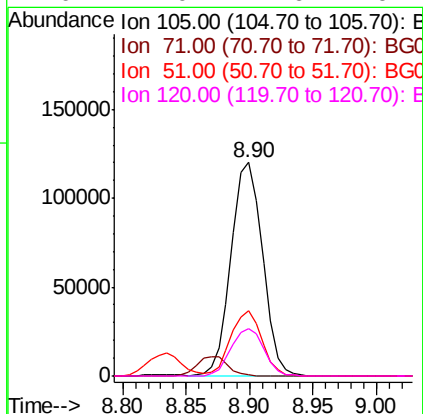
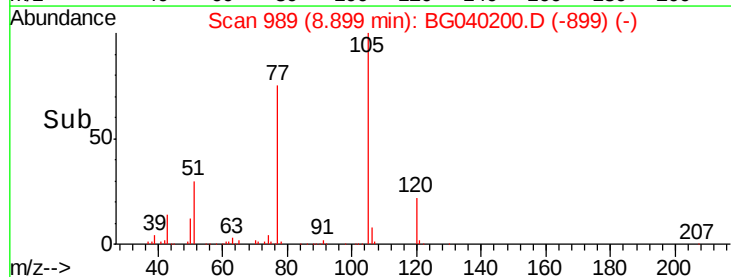
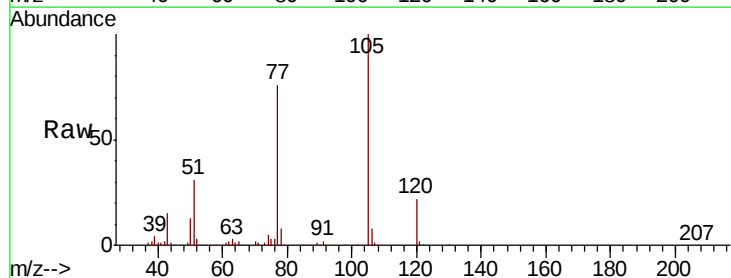
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

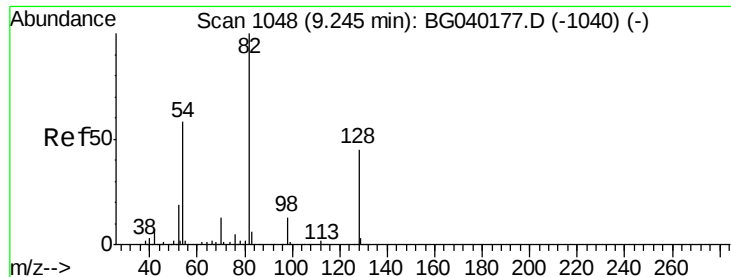
Tgt Ion:	136	Resp:	196124
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	11.0	9.6	14.4
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 42.414 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:	105	Resp:	207503
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	30.6	25.1	37.7
120	22.0	17.6	26.4

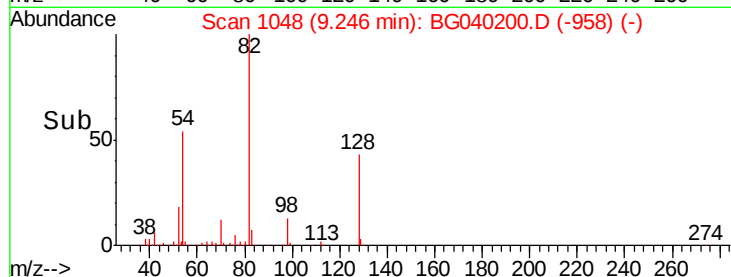
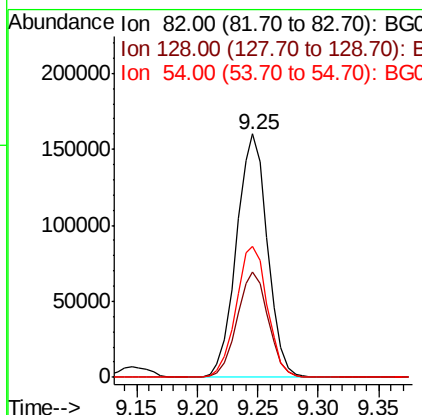
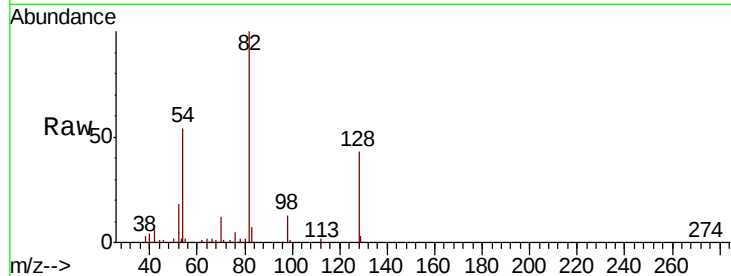




#23
 Nitrobenzene-d5
 Concen: 77.348 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

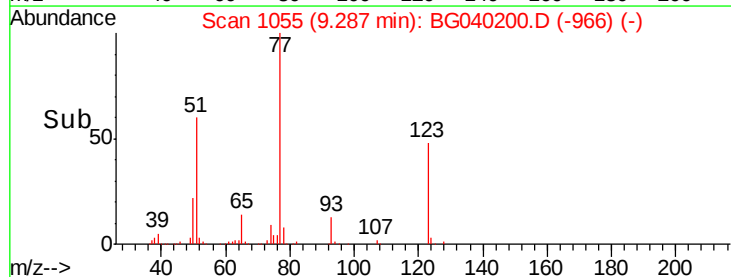
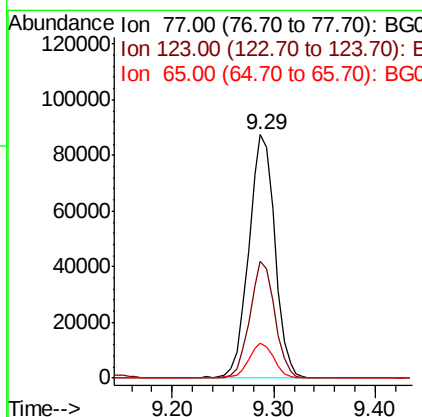
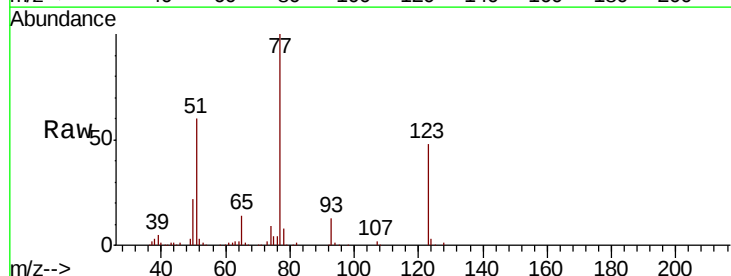
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

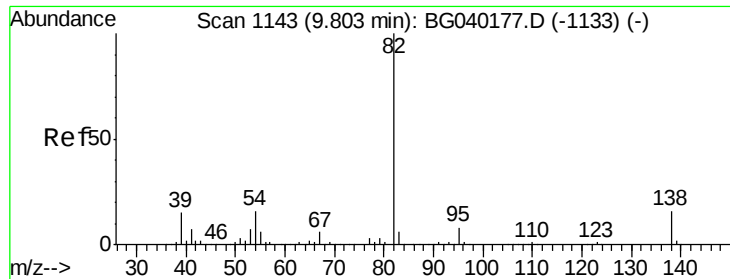
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.8
54	54.0	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.865 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.8	56.6
65	14.4	12.0	18.0

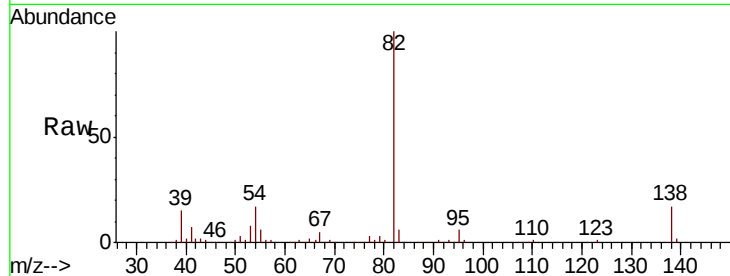




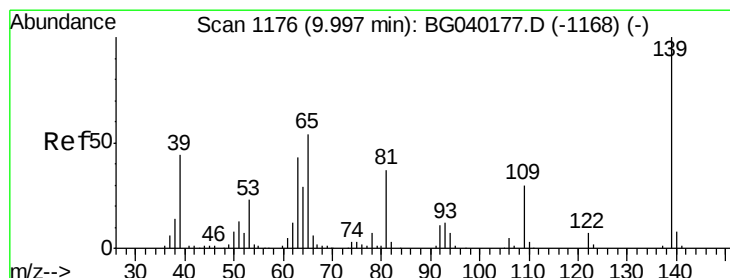
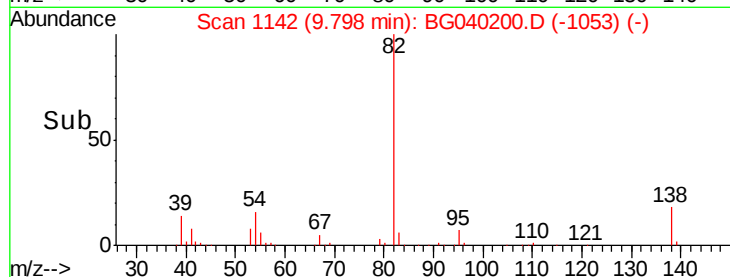
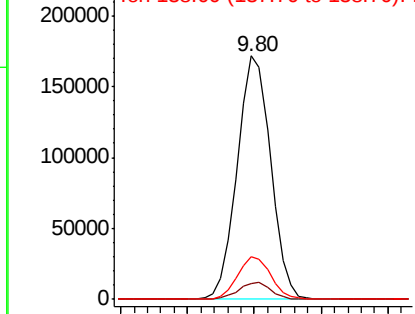
#25
Isophorone
Concen: 39.296 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion: 82 Resp: 298337
Ion Ratio Lower Upper
82 100
95 6.5 6.1 9.1
138 17.5 13.2 19.8

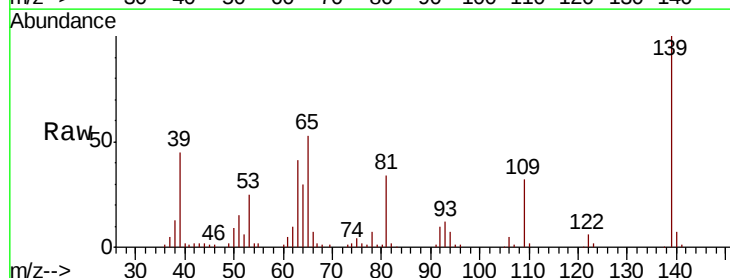


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

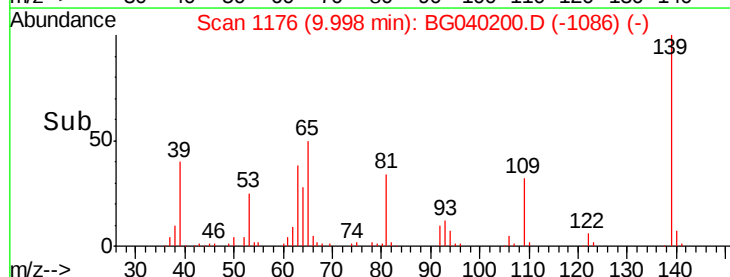
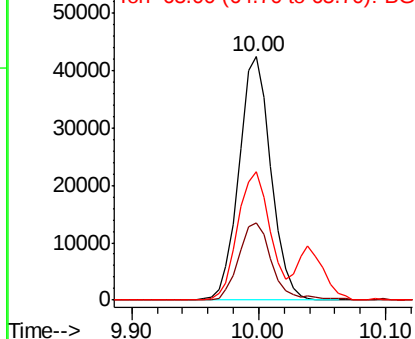


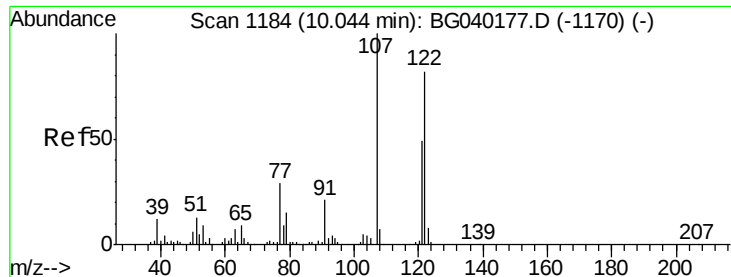
#26
2-Nitrophenol
Concen: 40.883 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion: 139 Resp: 74017
Ion Ratio Lower Upper
139 100
109 31.9 24.1 36.1
65 52.8 43.0 64.6



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

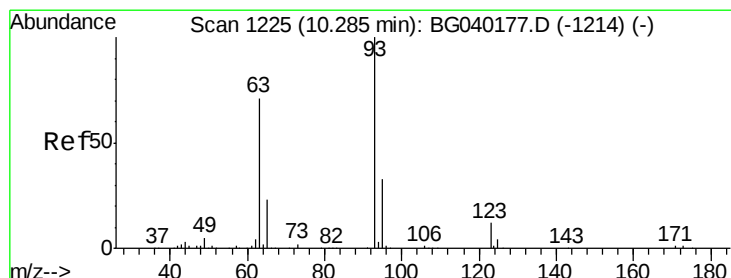
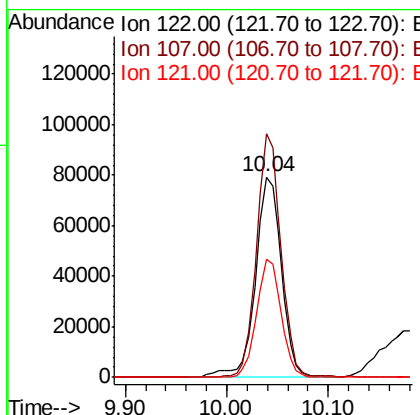
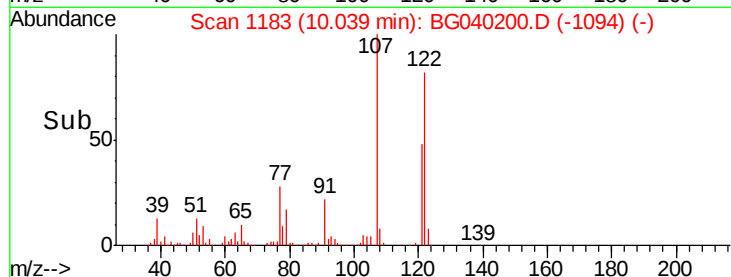
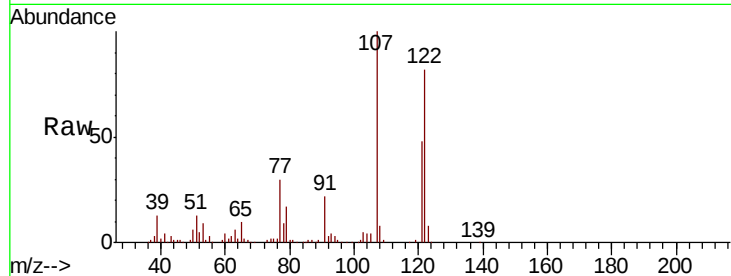




#27
2,4-Dimethylphenol
Concen: 48.988 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

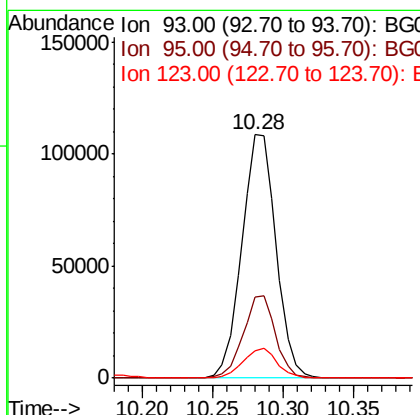
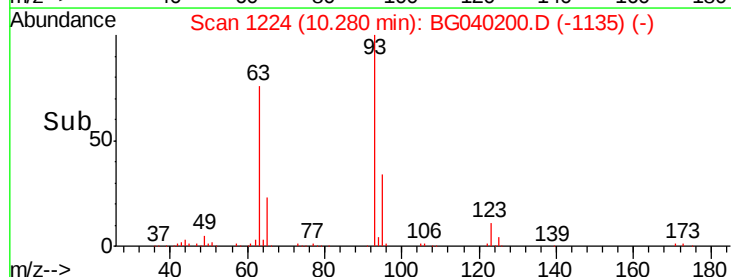
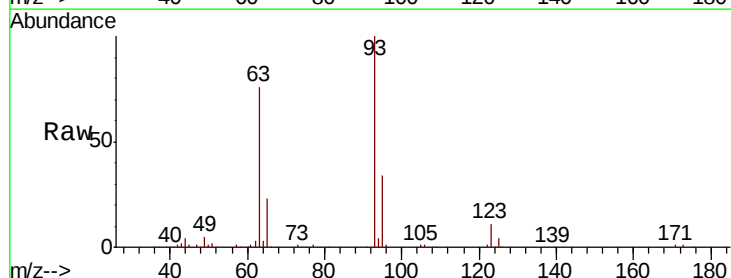
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

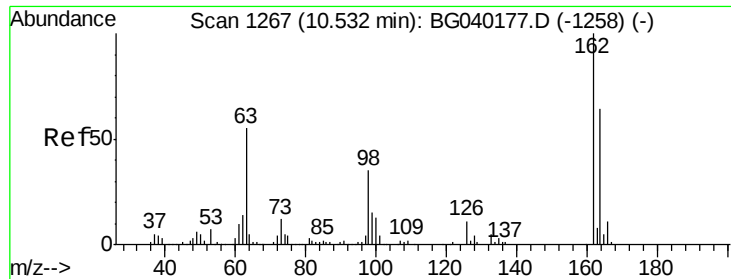
Tgt Ion: 122 Resp: 140882
Ion Ratio Lower Upper
122 100
107 121.5 97.4 146.2
121 58.7 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.927 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion: 93 Resp: 183827
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.4
123 11.1 9.4 14.0

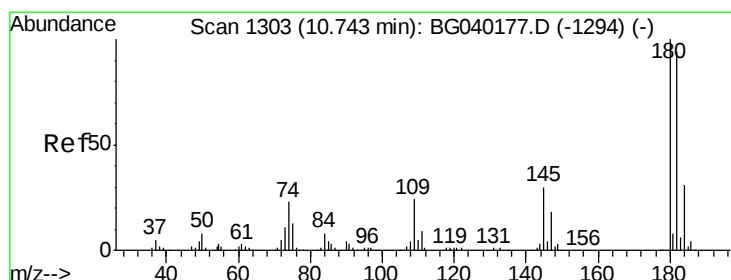
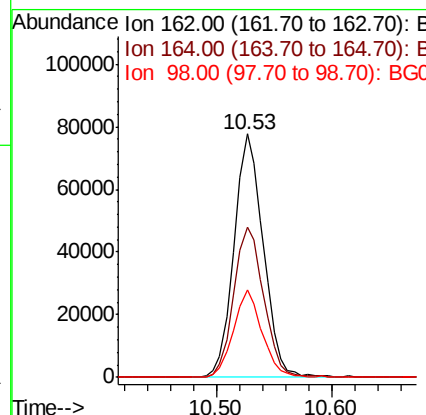
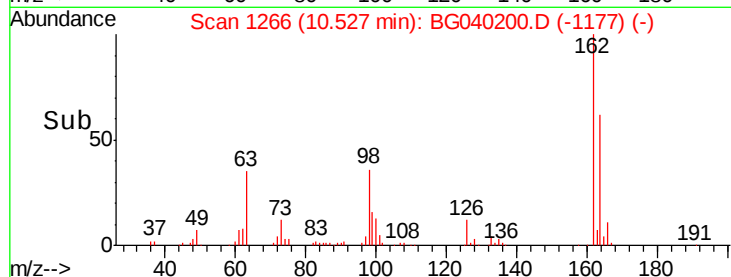
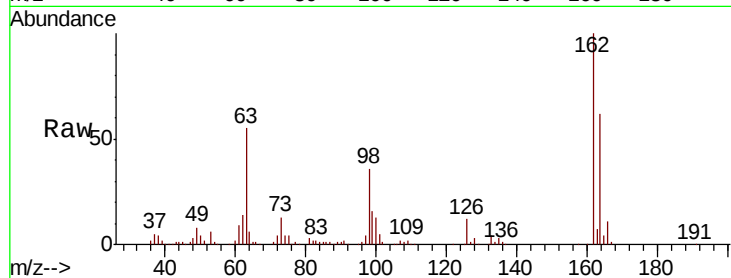




#29
 2,4-Dichlorophenol
 Concen: 43.641 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

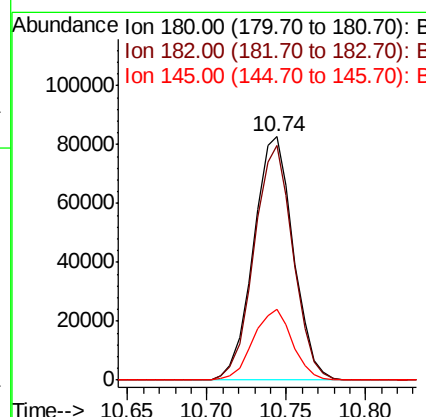
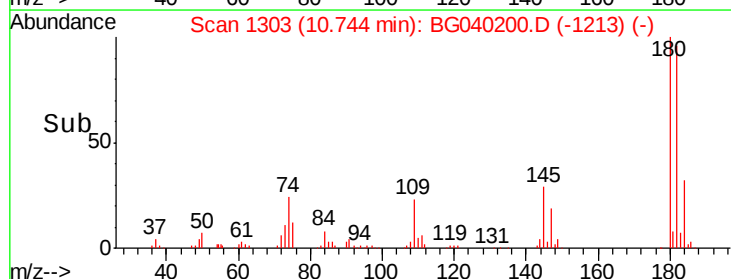
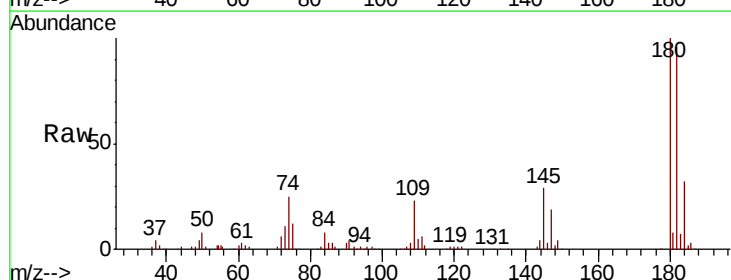
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.9	83.9
98	35.9	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.091 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.1	112.7
145	29.3	24.1	36.1

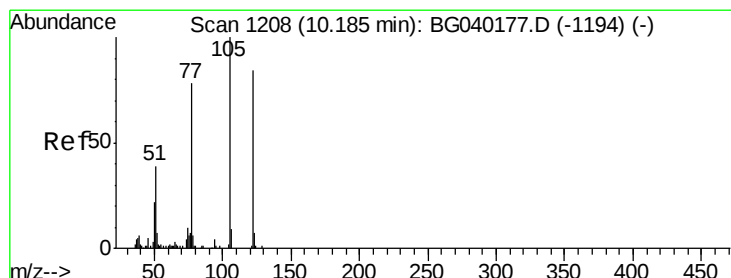
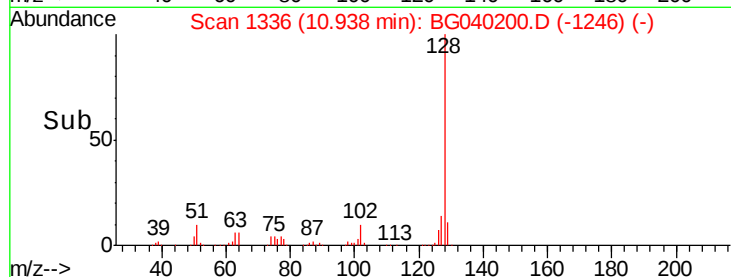
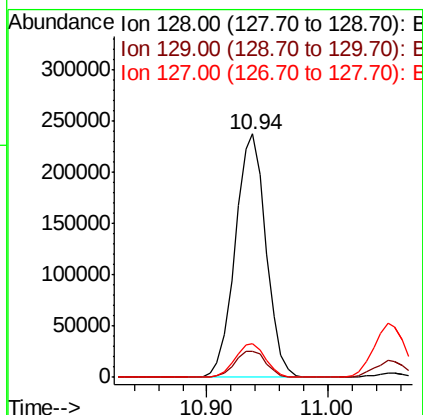
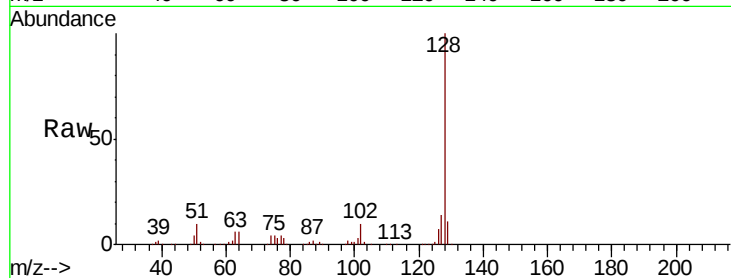




#31
Naphthalene
Concen: 41.906 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

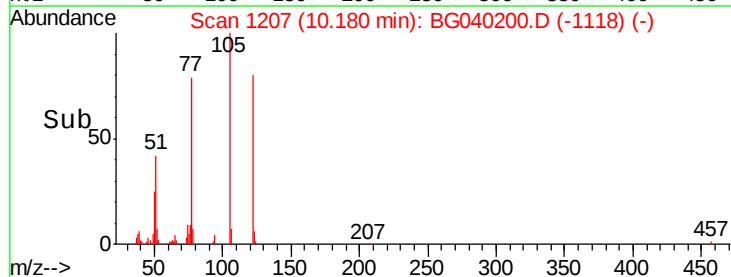
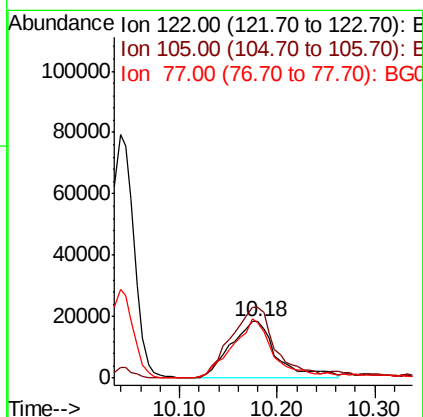
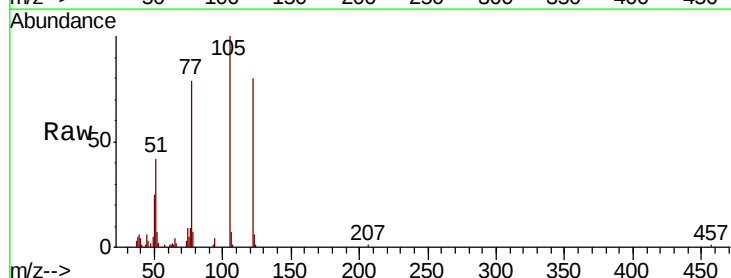
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:128 Resp: 421277
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 34.198 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:122 Resp: 59420
Ion Ratio Lower Upper
122 100
105 124.8 98.2 138.2
77 98.8 73.6 113.6

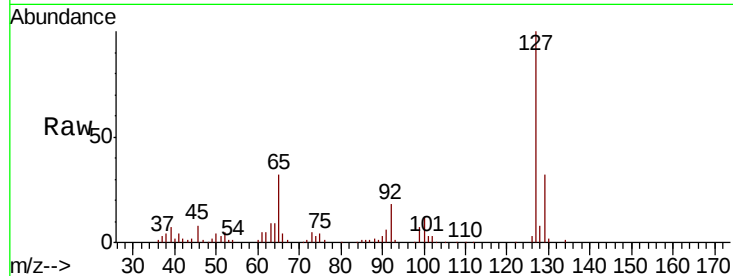




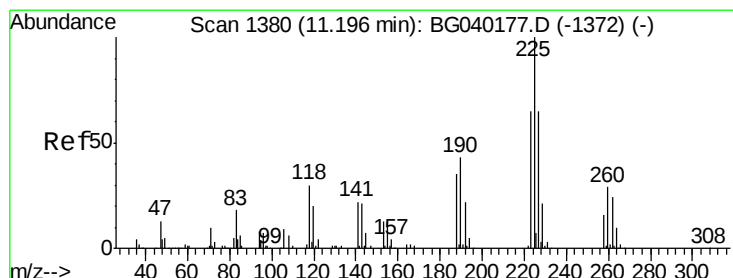
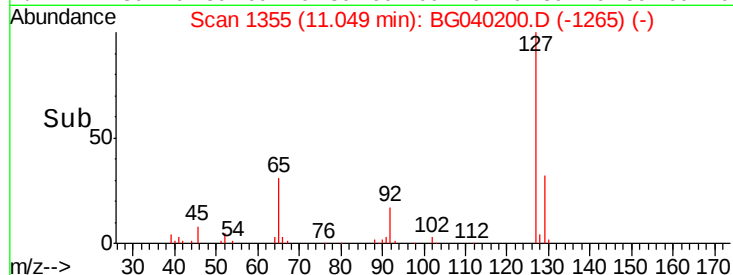
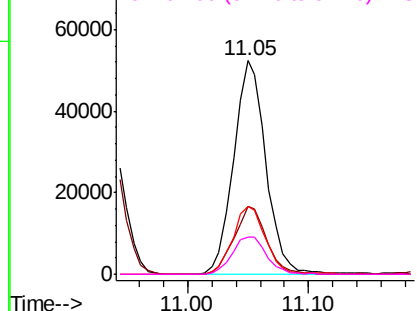
#33
4-Chloroaniline
Concen: 22.663 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:	127	Resp:	97180
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	31.8	27.0	40.4
92	17.5	16.6	25.0

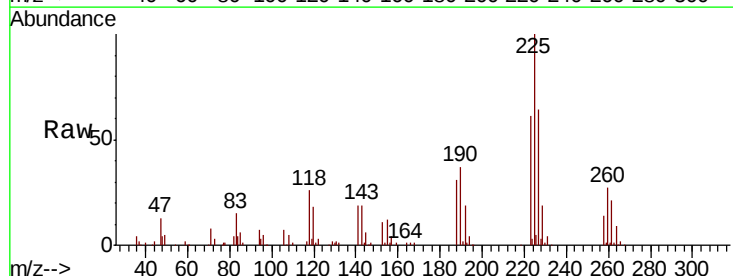


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

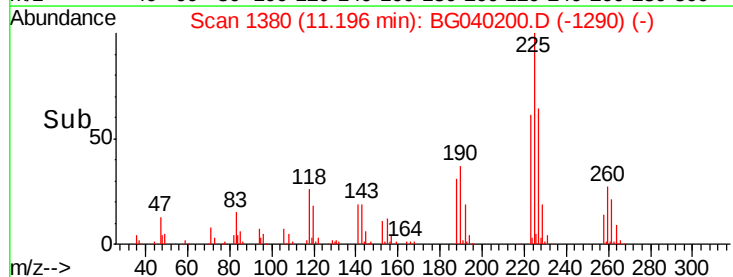
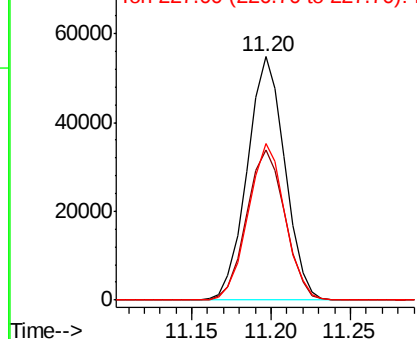


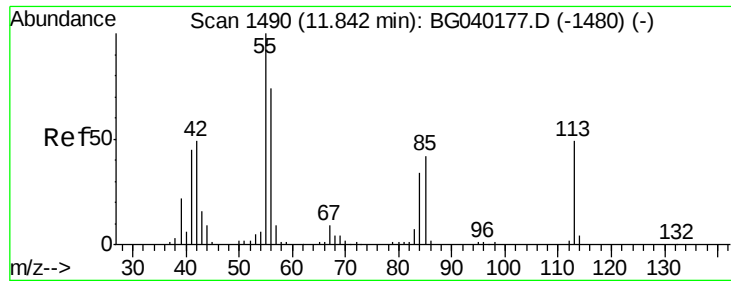
#34
Hexachlorobutadiene
Concen: 41.157 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:	225	Resp:	90218
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.8	77.8
227	64.3	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: 23.228 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

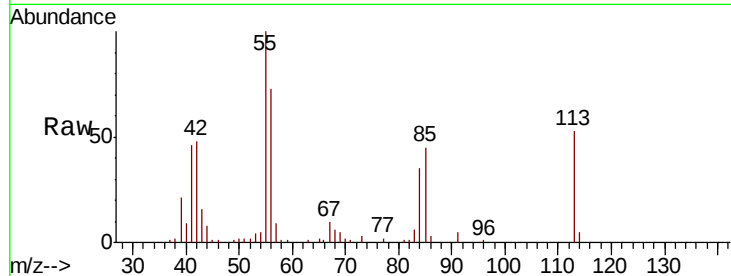
Tgt Ion:113 Resp: 28773

Ion Ratio Lower Upper

113 100

55 190.3 184.2 224.2

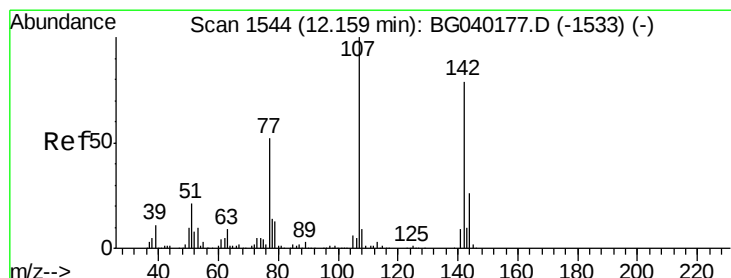
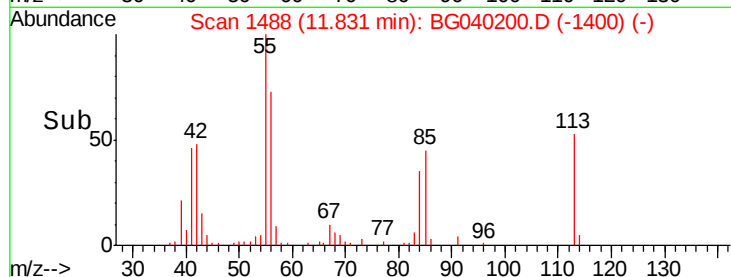
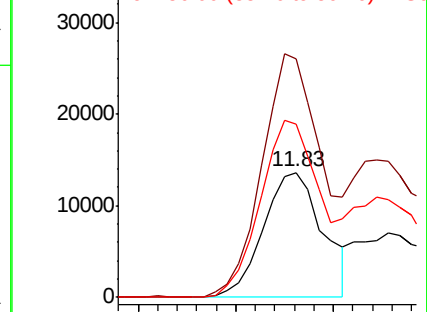
56 138.6 131.3 171.3



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: 42.558 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

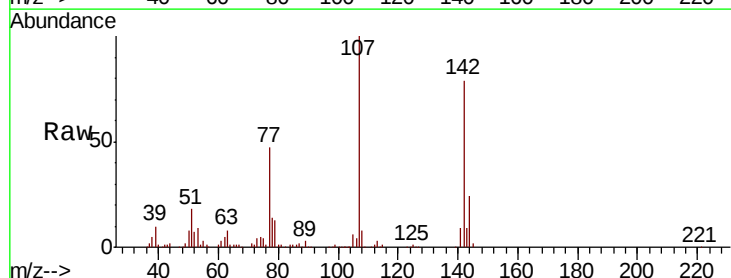
Tgt Ion:107 Resp: 152721

Ion Ratio Lower Upper

107 100

144 23.7 20.5 30.7

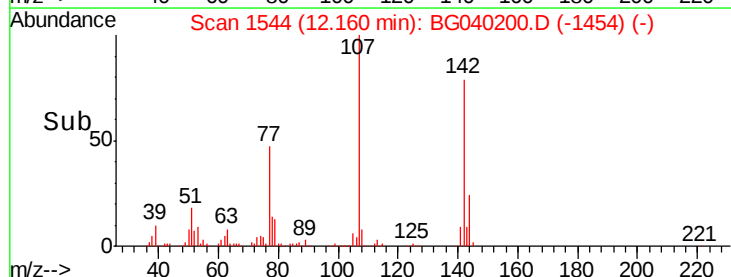
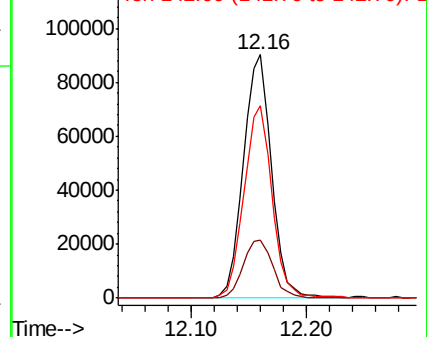
142 78.8 63.1 94.7

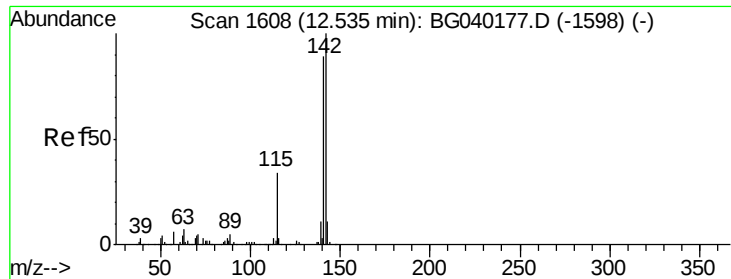


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

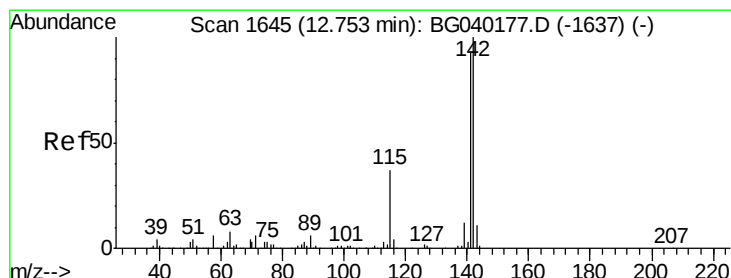
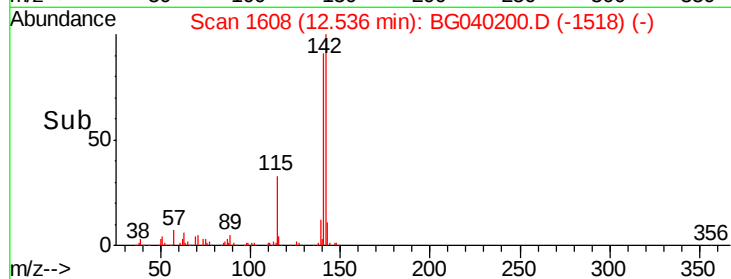
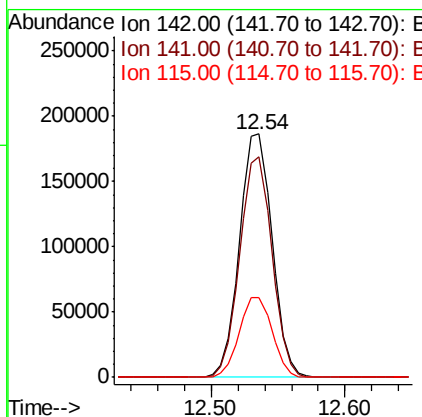
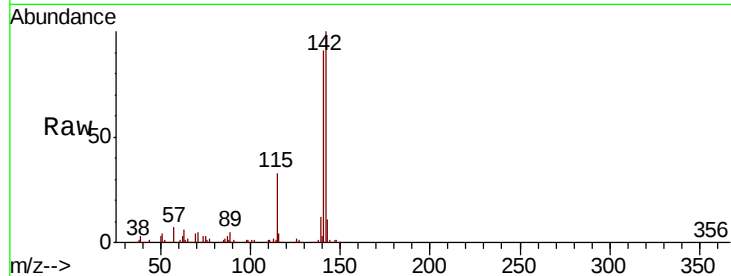




#37
2-Methylnaphthalene
Concen: 42.388 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

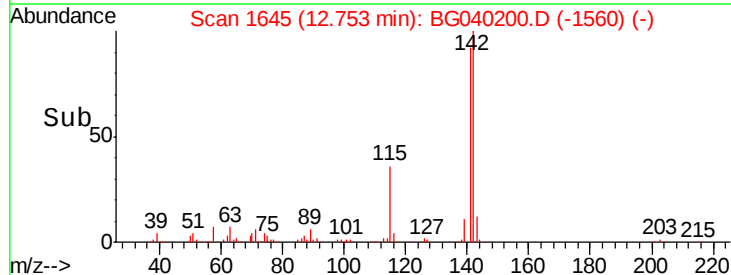
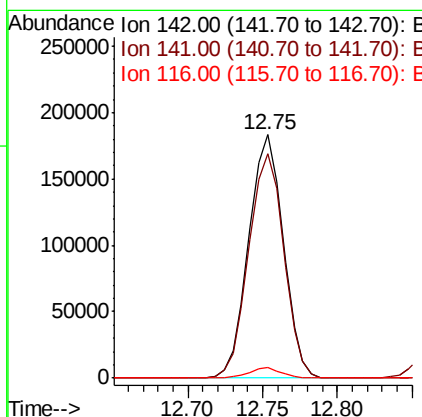
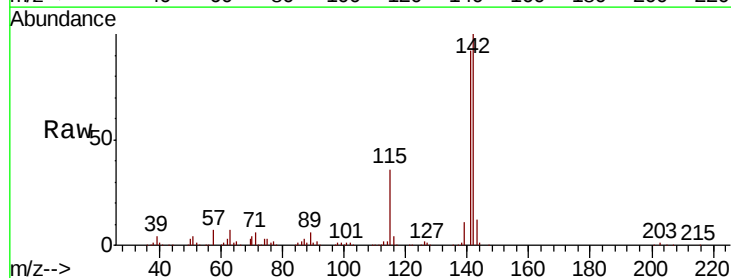
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	32.8	27.3	40.9



#38
1-Methylnaphthalene
Concen: 40.831 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.2	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

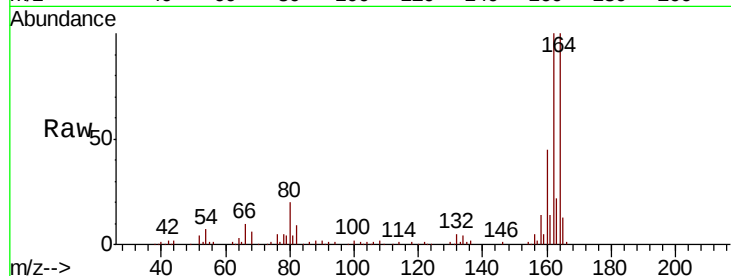
Tgt Ion:164 Resp: 120830

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

160 45.4 35.3 52.9

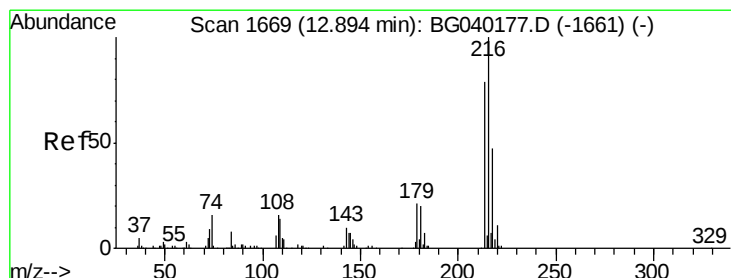
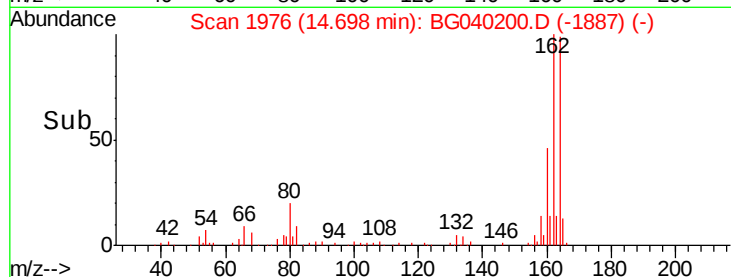
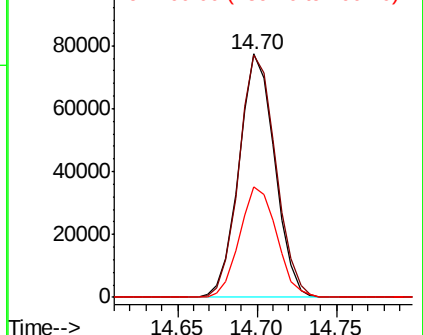


Abundance

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: 40.843 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Tgt Ion:216 Resp: 156854

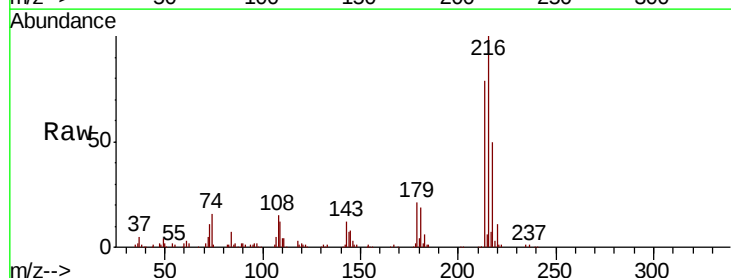
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.7 16.6 25.0

108 19.6 13.8 20.8



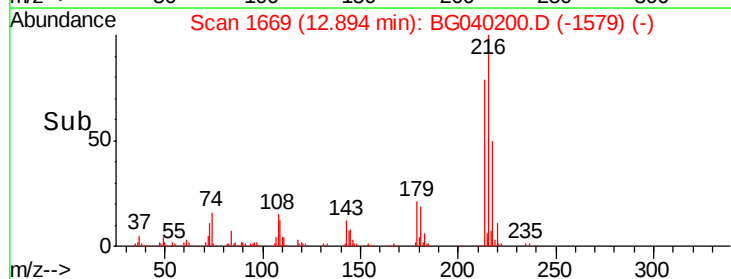
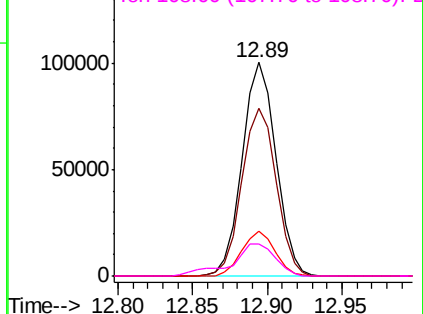
Abundance

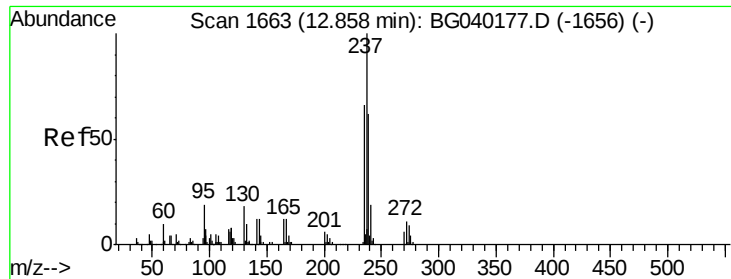
Ion 216.00 (215.70 to 216.70): E

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: 100.791 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

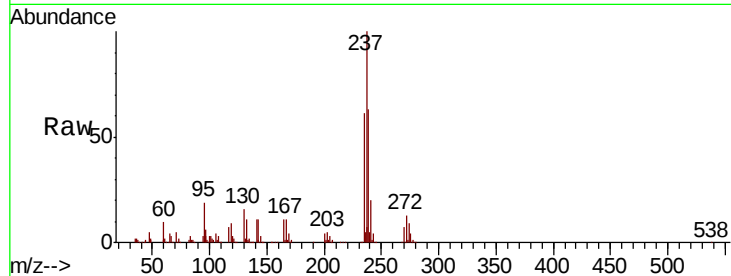
Tgt Ion:237 Resp: 212534

Ion Ratio Lower Upper

237 100

235 60.9 46.2 86.2

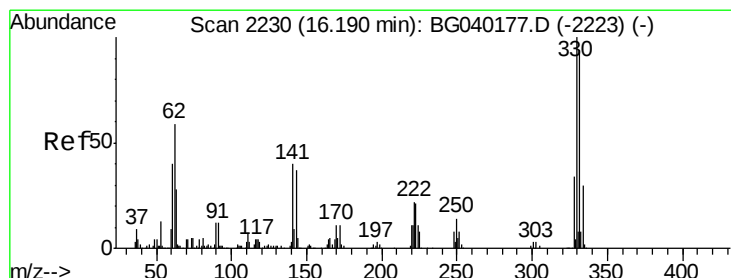
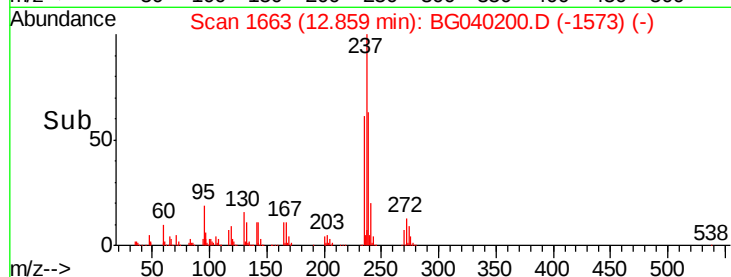
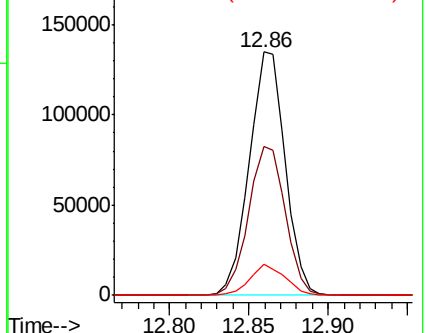
272 12.6 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.614 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

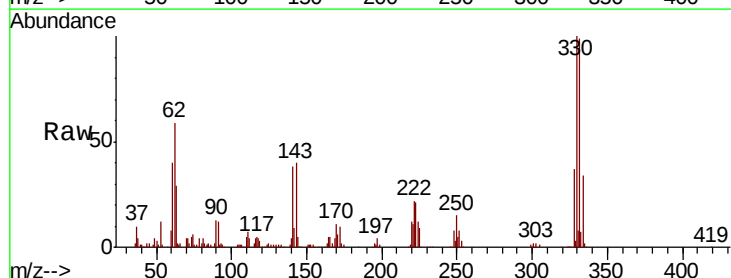
Tgt Ion:330 Resp: 188845

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

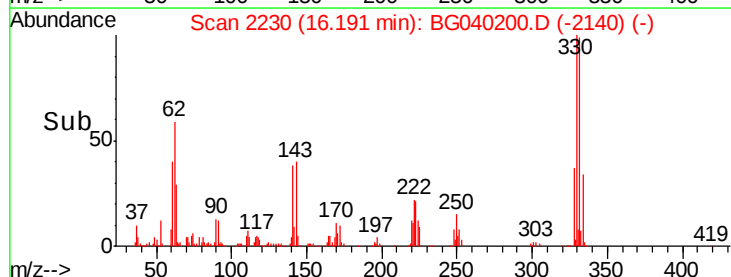
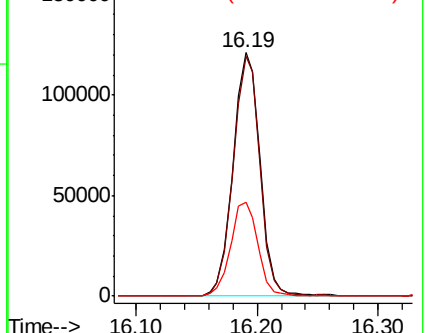
141 38.9 32.6 48.8

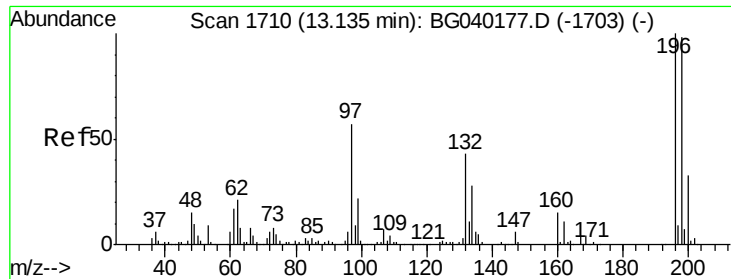


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

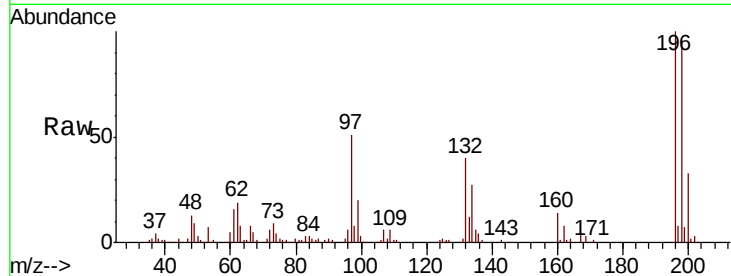




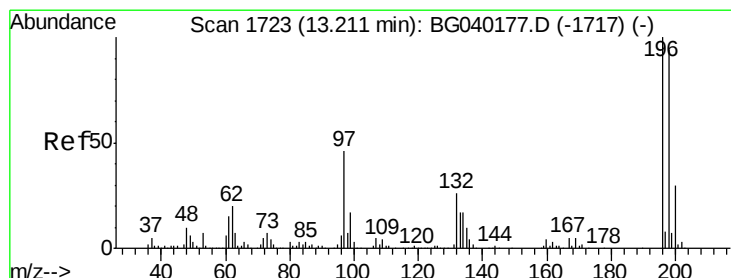
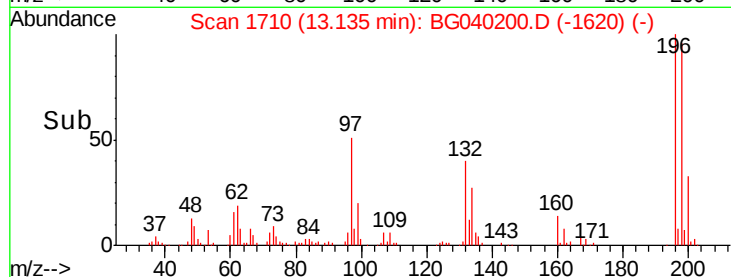
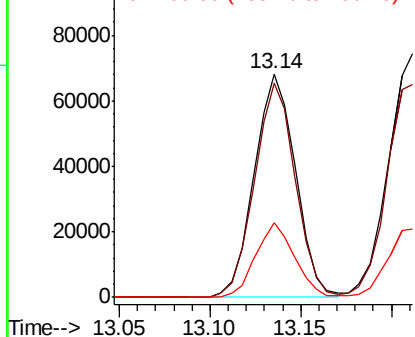
#43
 2,4,6-Trichlorophenol
 Concen: 43.862 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Tgt Ion:196 Resp: 108603
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.3 117.5
 200 33.1 26.0 39.0

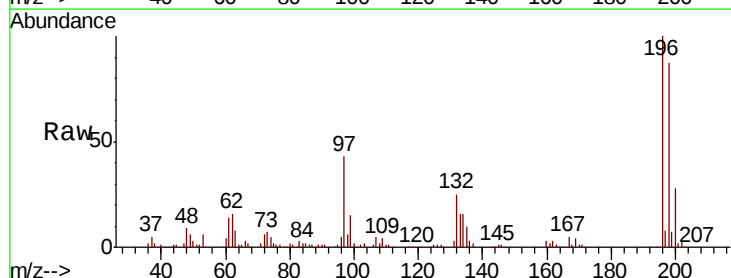


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

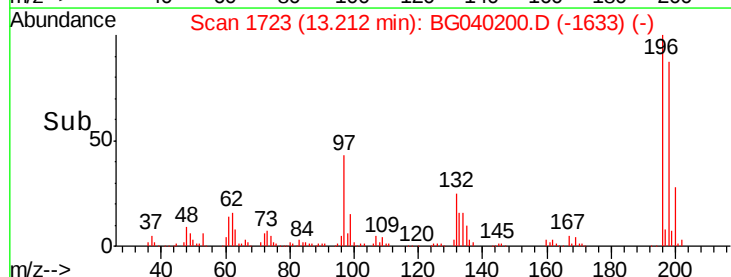
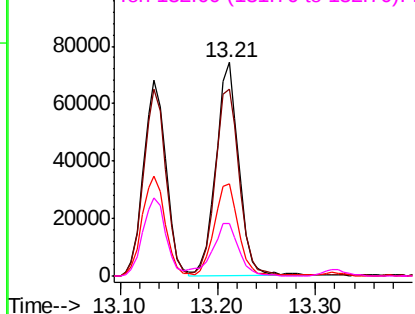


#44
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion:196 Resp: 120581
 Ion Ratio Lower Upper
 196 100
 198 87.4 75.0 112.6
 97 43.3 37.3 55.9
 132 24.7 20.9 31.3



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

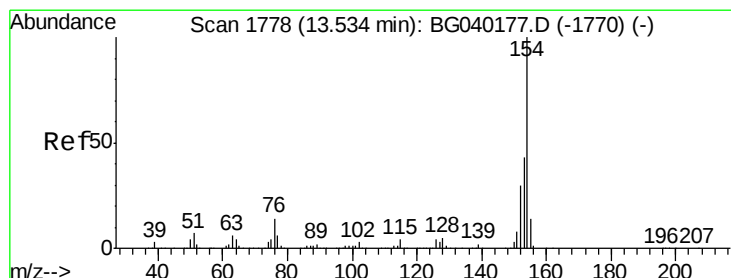
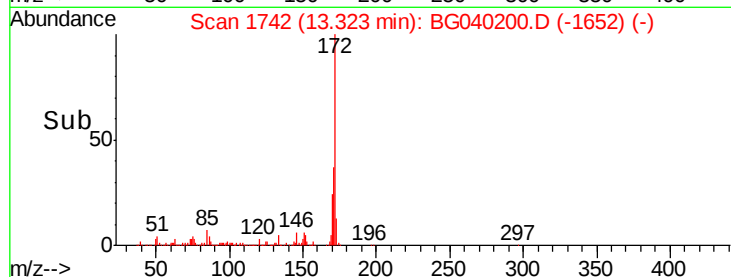
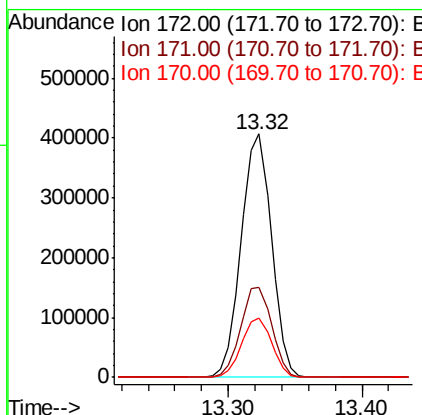
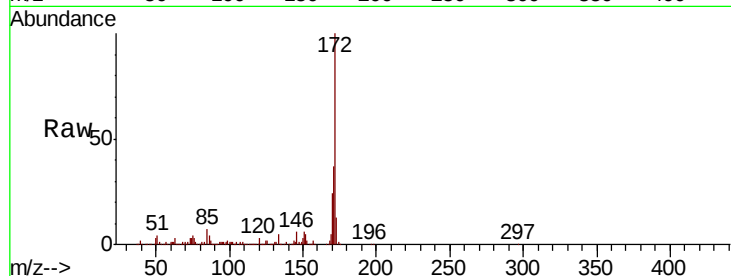




#45
 2-Fluorobiphenyl
 Concen: 78.484 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

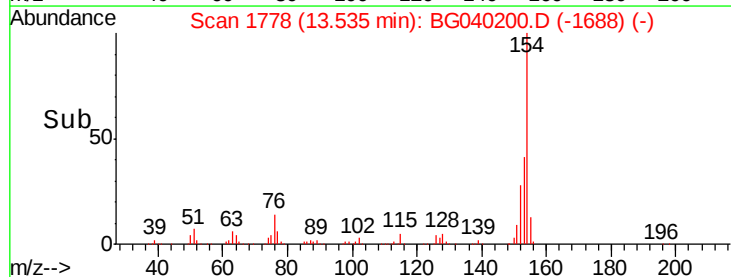
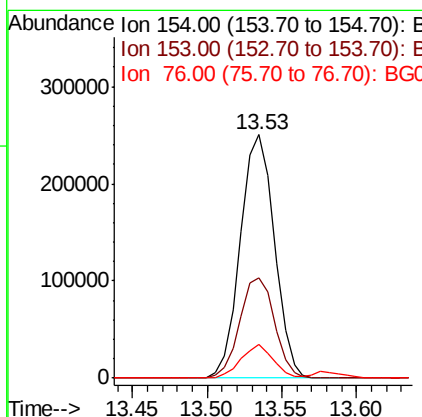
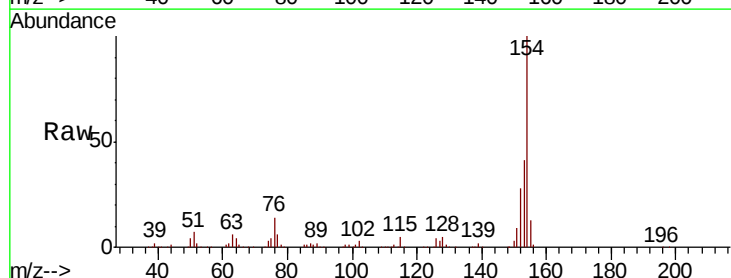
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

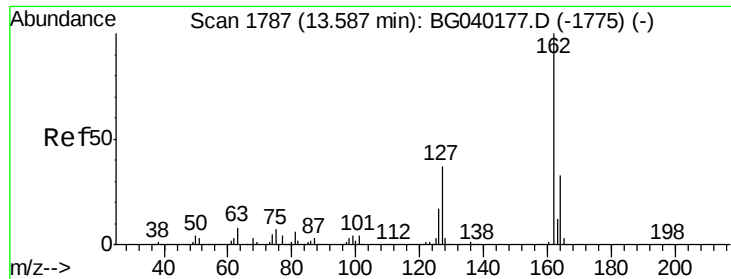
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.5	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 41.503 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.5	62.5
76	13.7	0.0	33.7

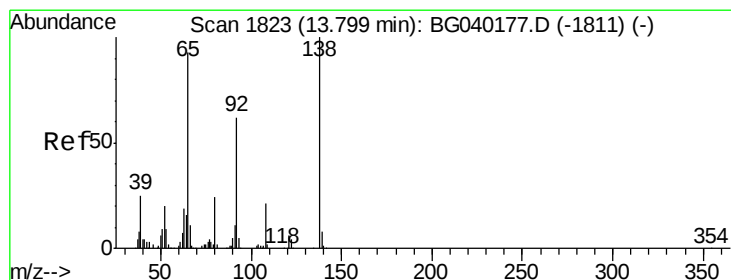
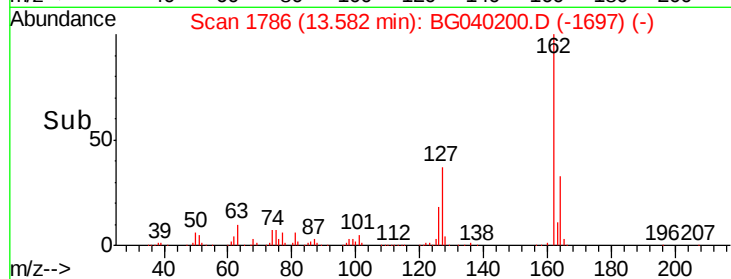
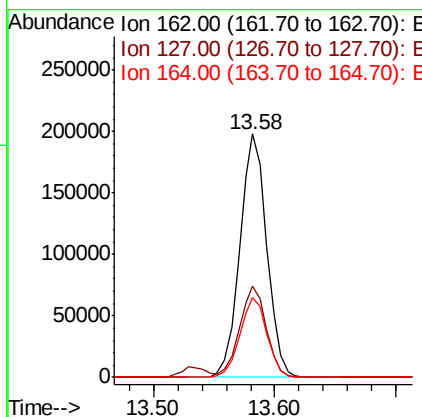
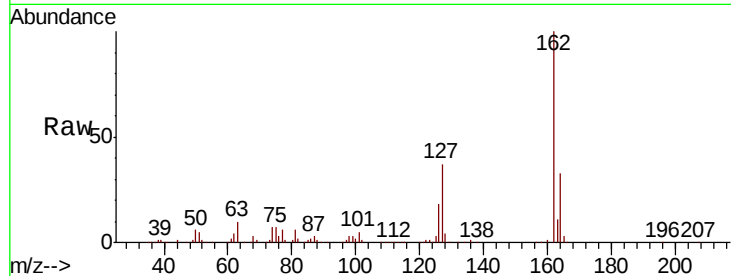




#47
2-Chloronaphthalene
Concen: 41.743 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

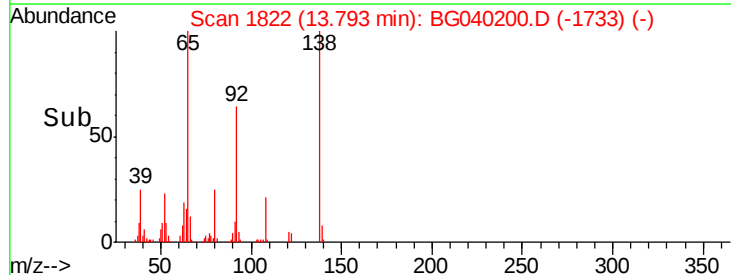
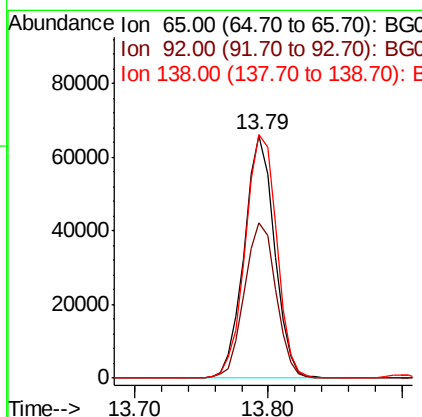
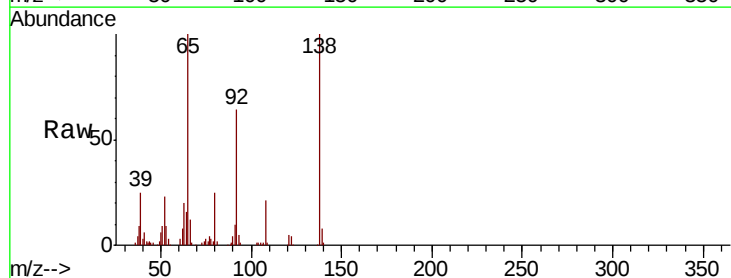
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

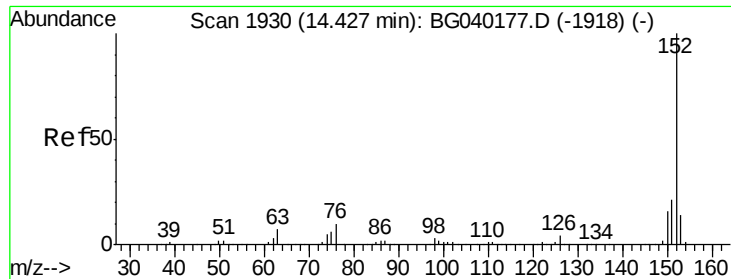
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.6	45.8
164	32.9	26.2	39.4



#48
2-Nitroaniline
Concen: 41.569 ng
RT: 13.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	53.8	80.6
138	100.4	86.3	129.5





#49

Acenaphthylene

Concen: 41.640 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

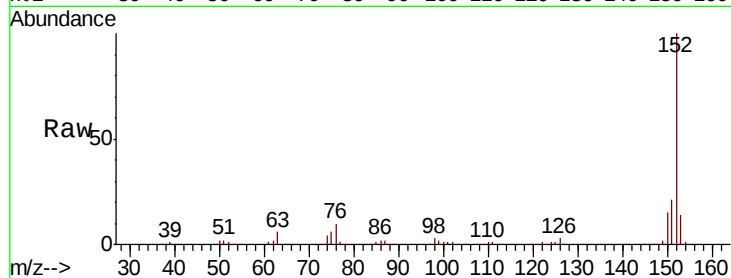
Tgt Ion:152 Resp: 517026

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

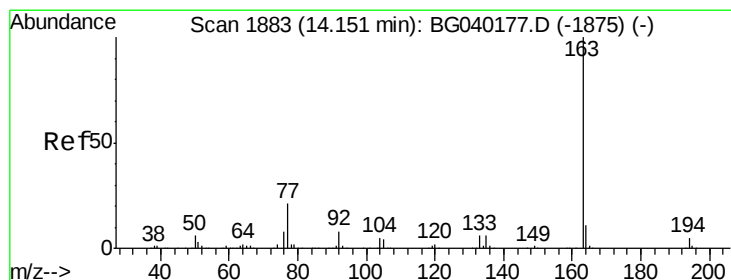
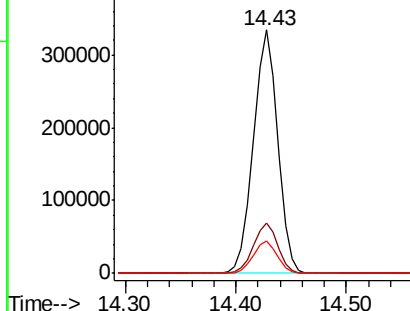
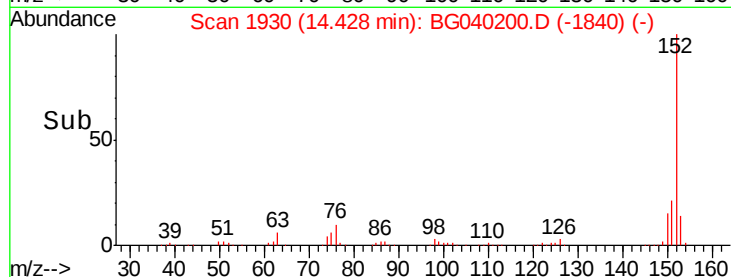
153 13.5 10.8 16.2



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: 43.303 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

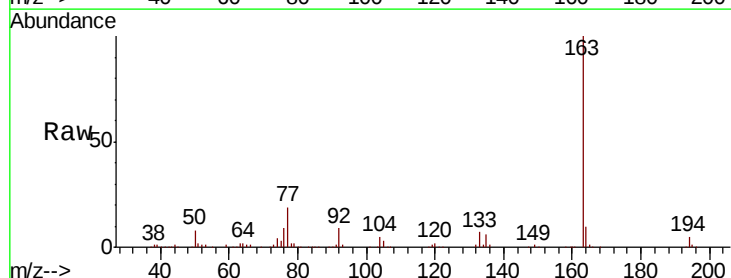
Tgt Ion:163 Resp: 409502

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

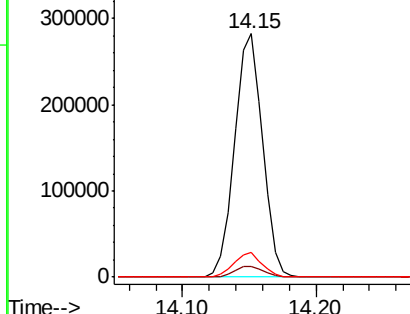
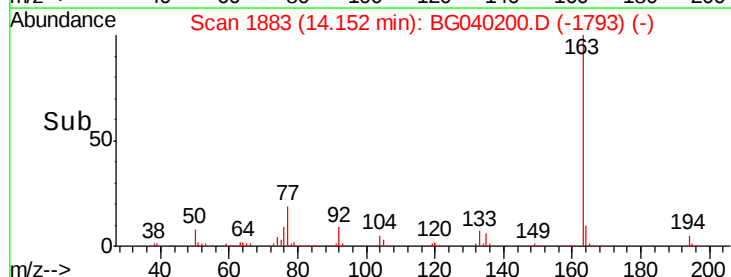
164 10.4 8.6 13.0

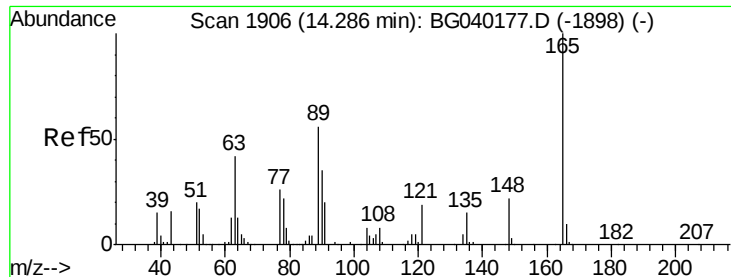


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.057 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

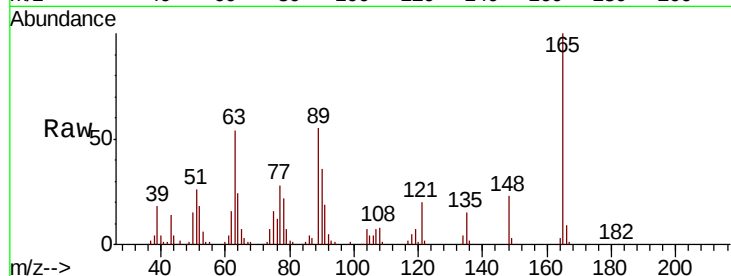
Tgt Ion:165 Resp: 93549

Ion Ratio Lower Upper

165 100

63 53.9 44.1 66.1

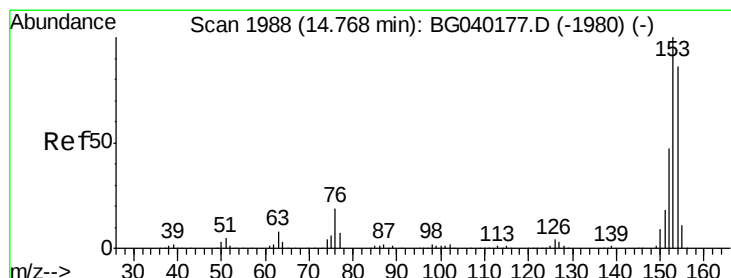
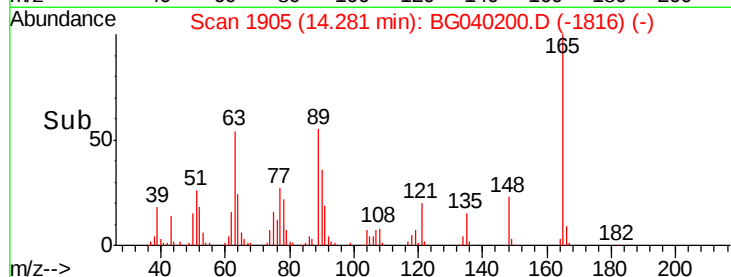
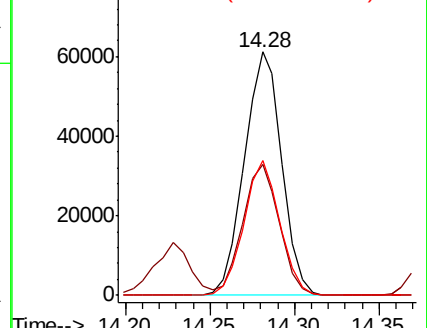
89 55.3 44.9 67.3



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: 42.279 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

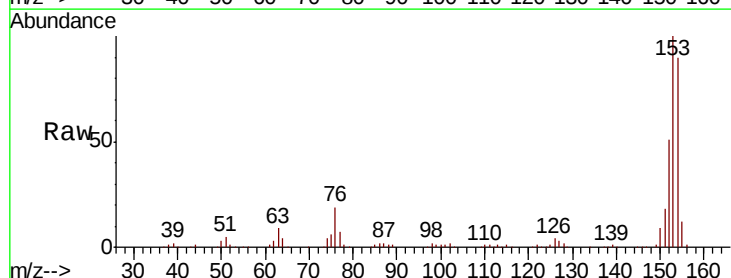
Tgt Ion:154 Resp: 300806

Ion Ratio Lower Upper

154 100

153 110.6 92.8 139.2

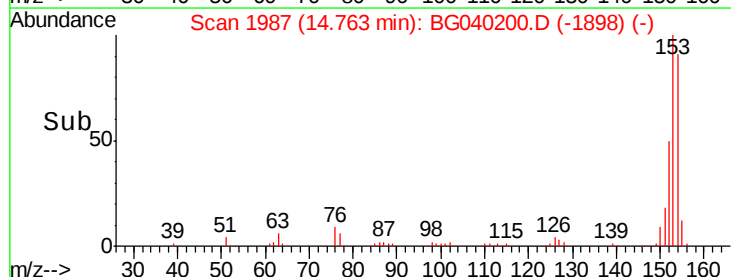
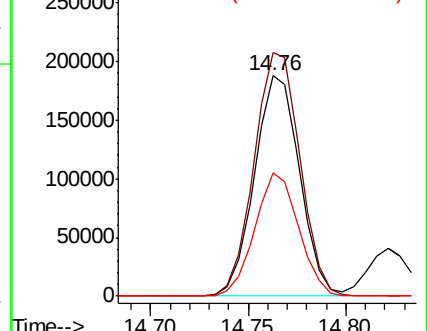
152 56.1 43.4 65.2

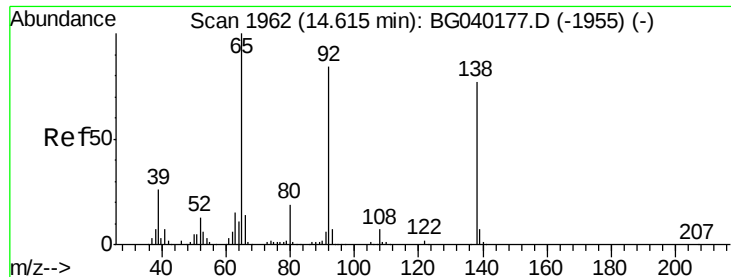


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

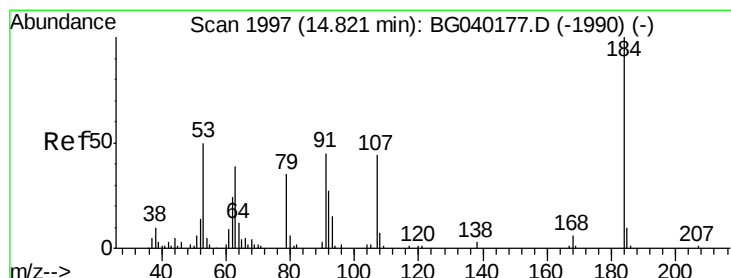
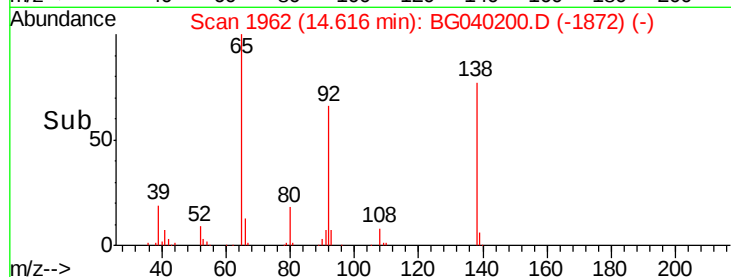
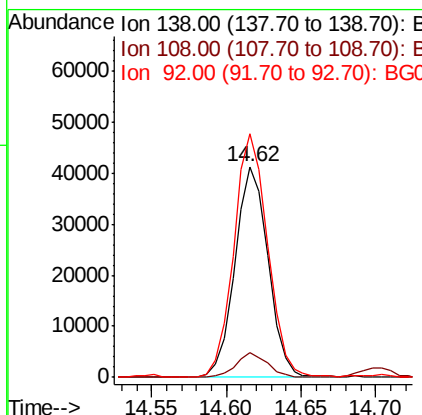
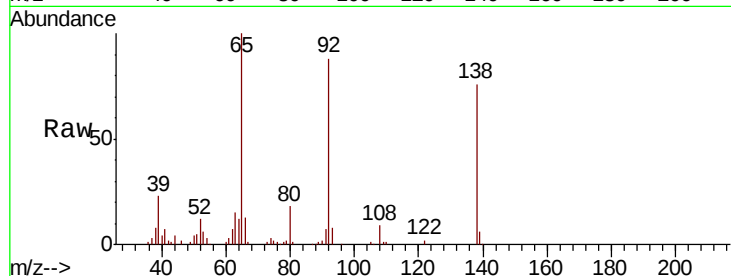




#53
 3-Nitroaniline
 Concen: 28.440 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

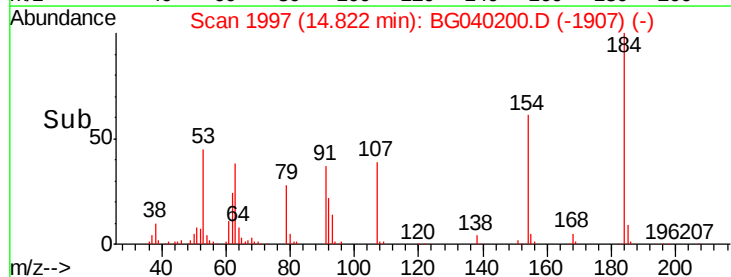
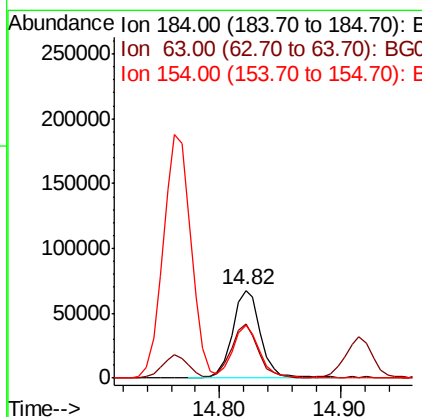
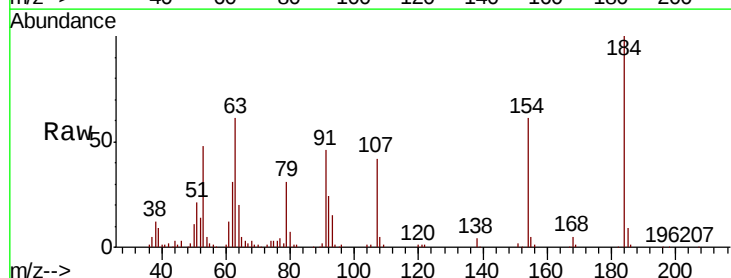
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

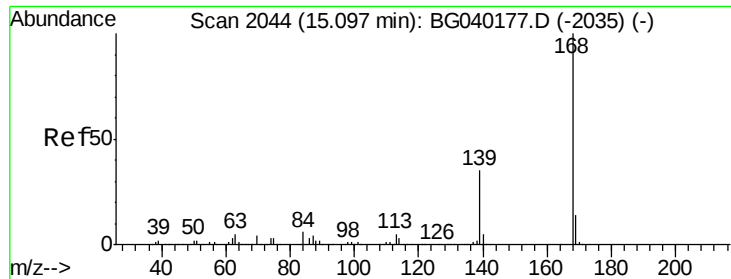
Tgt Ion:138 Resp: 63923
 Ion Ratio Lower Upper
 138 100
 108 11.6 7.8 11.8
 92 115.8 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 96.736 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion:184 Resp: 109239
 Ion Ratio Lower Upper
 184 100
 63 61.3 51.8 77.8
 154 60.8 50.9 76.3

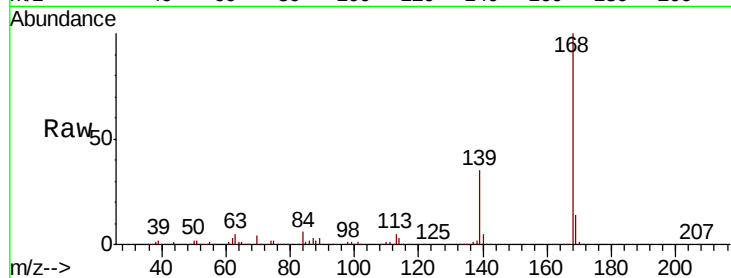




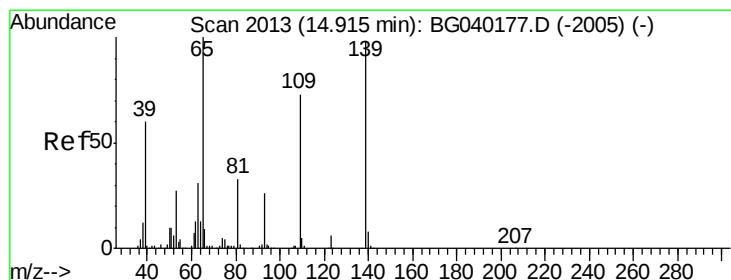
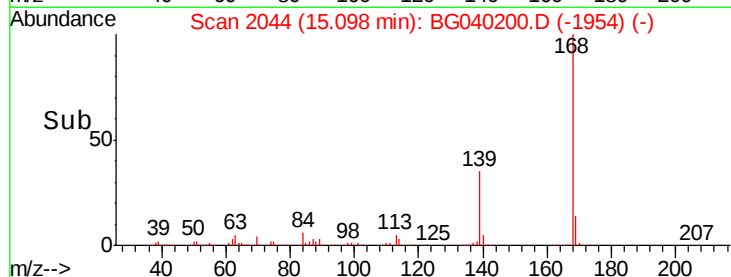
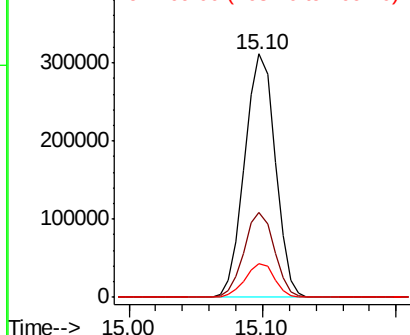
#55
Dibenzenofuran
Concen: 43.081 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:168 Resp: 492528
Ion Ratio Lower Upper
168 100
139 34.7 27.9 41.9
169 13.9 11.3 16.9

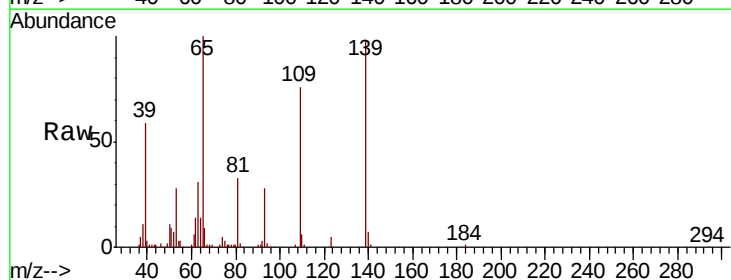


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

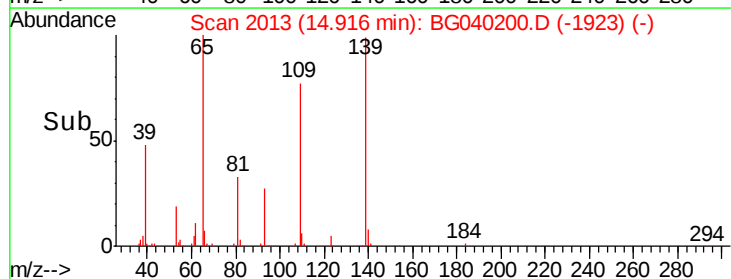
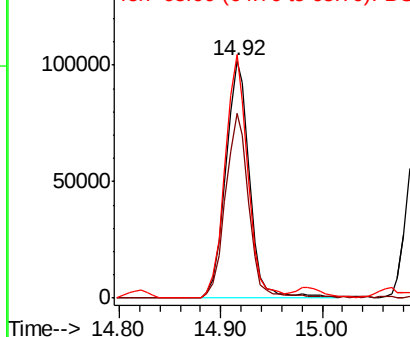


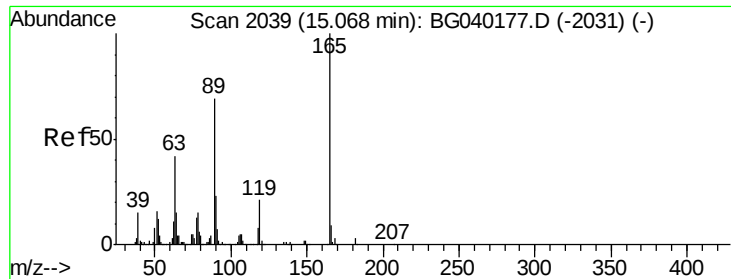
#56
4-Nitrophenol
Concen: 91.159 ng
RT: 14.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:139 Resp: 165366
Ion Ratio Lower Upper
139 100
109 77.6 54.3 94.3
65 102.5 82.5 122.5



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

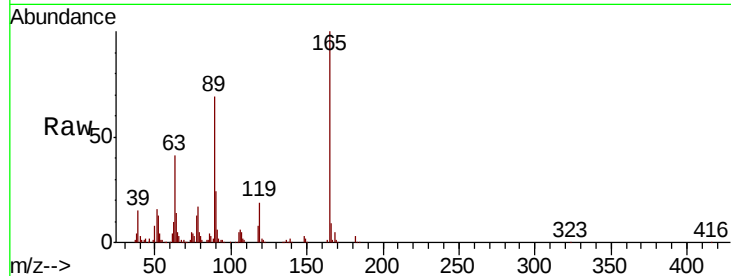




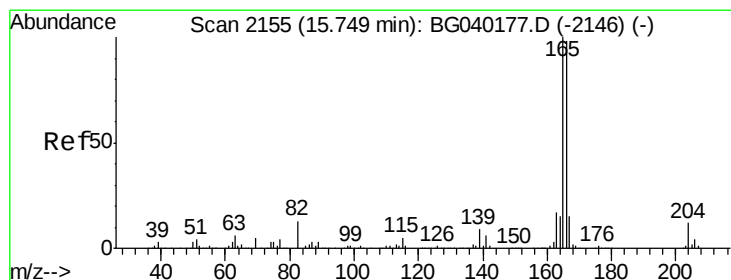
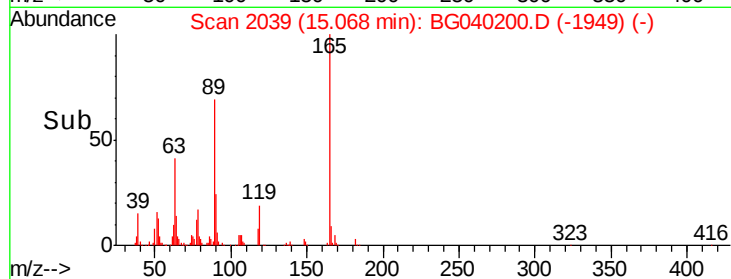
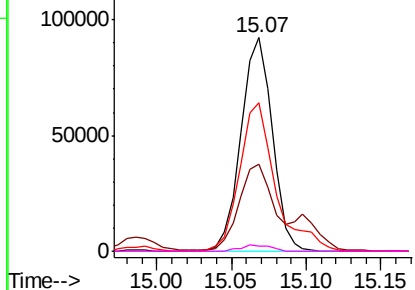
#57
2,4-Dinitrotoluene
Concen: 45.443 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.8	50.6
89	69.3	55.4	83.2
182	2.6	2.2	3.4

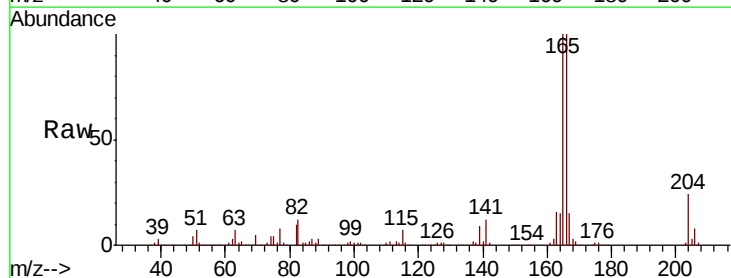


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

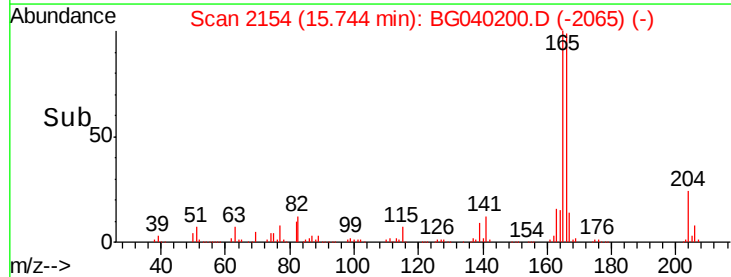
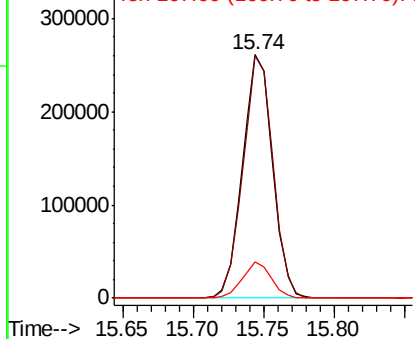


#58
Fluorene
Concen: 43.259 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.7	122.5
167	14.7	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

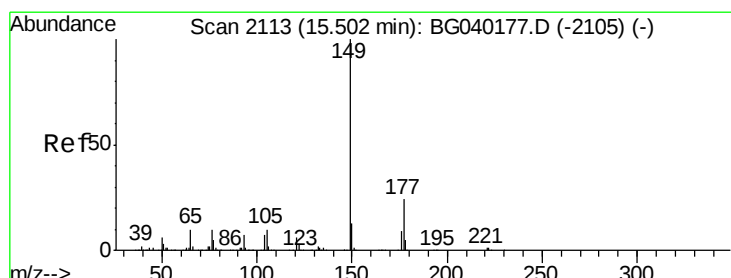
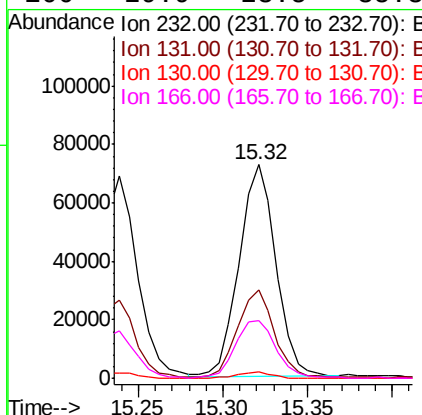
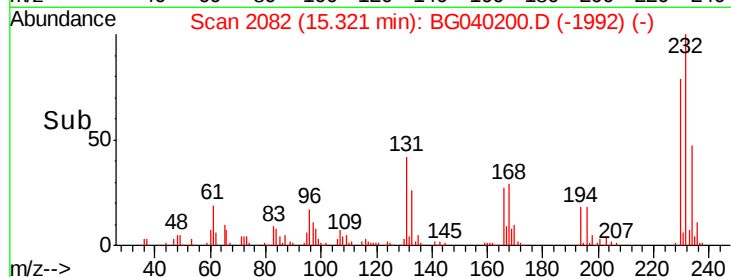
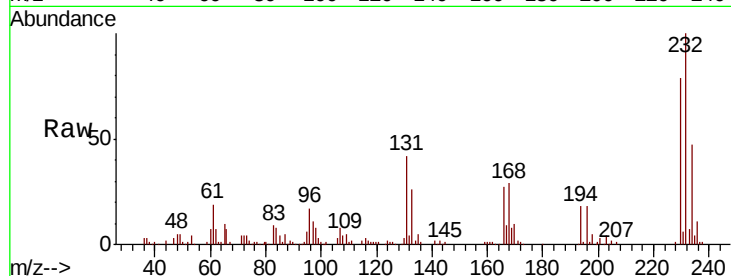




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.630 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

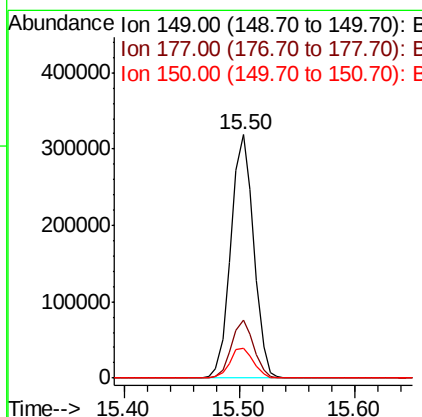
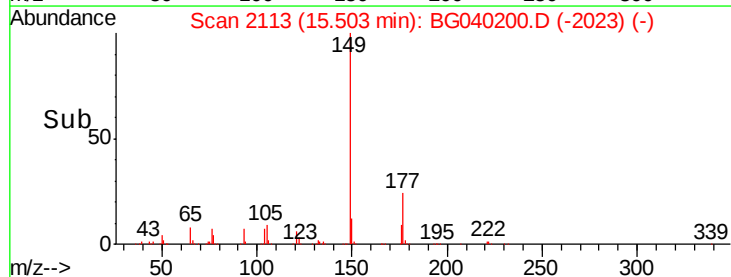
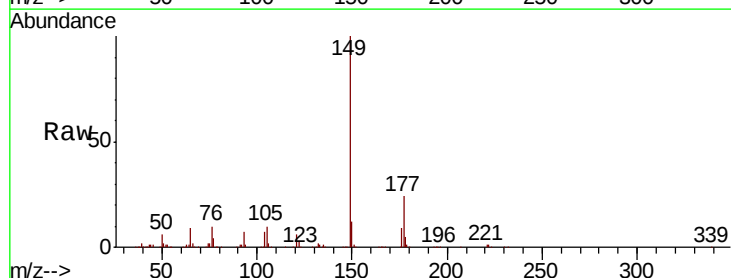
Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:	232	Resp:	109300
Ion	Ratio	Lower	Upper
232	100		
131	42.5	32.9	49.3
130	2.8	1.8	2.8#
166	29.9	23.5	35.3



#60
Diethylphthalate
Concen: 44.946 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:	149	Resp:	434936
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.5	10.6	15.8

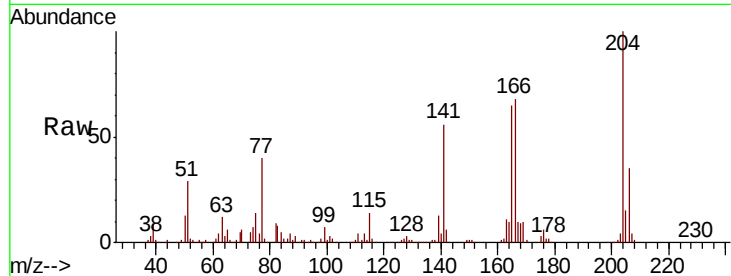




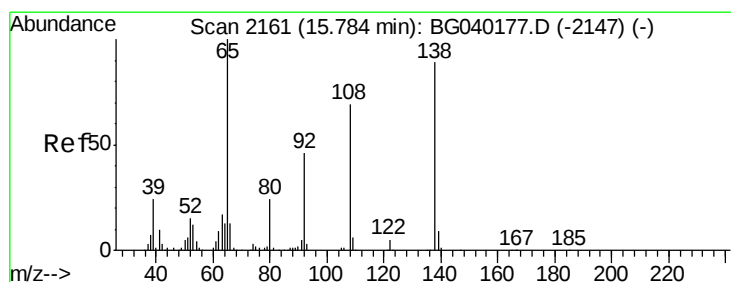
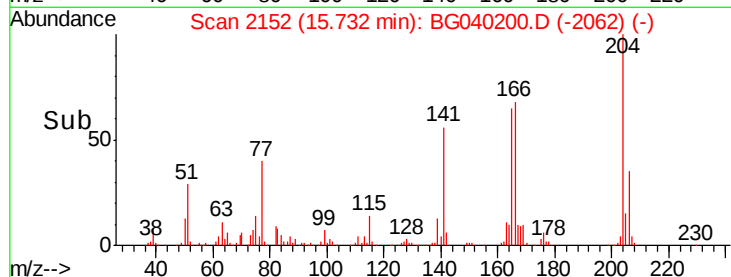
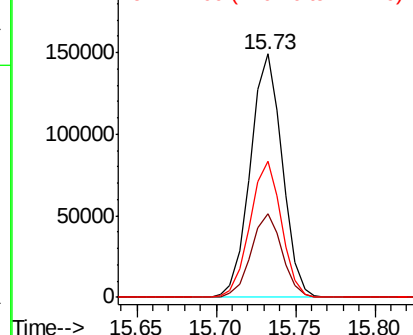
#61
4-Chlorophenyl-phenylether
Concen: 43.316 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.7	38.5
141	55.7	44.0	66.0

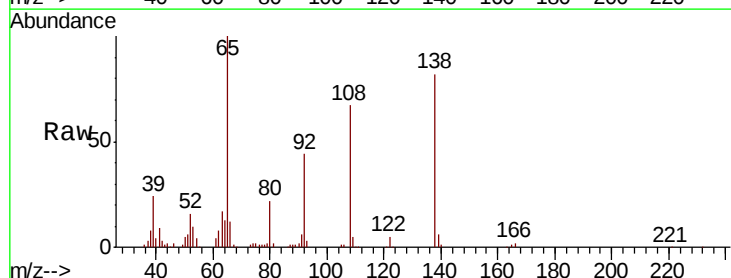


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

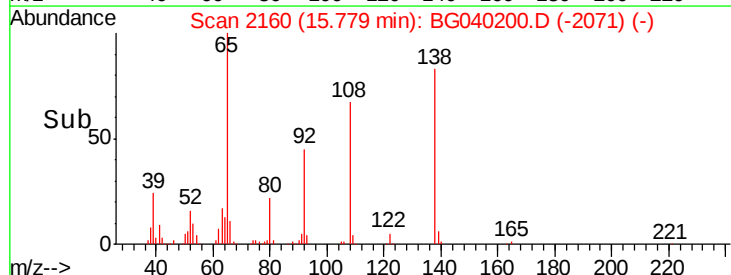
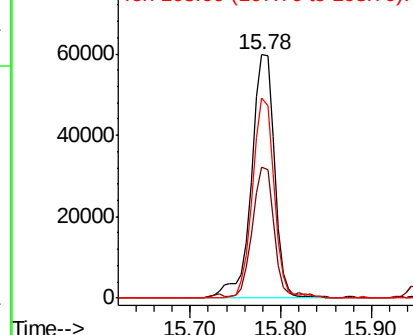


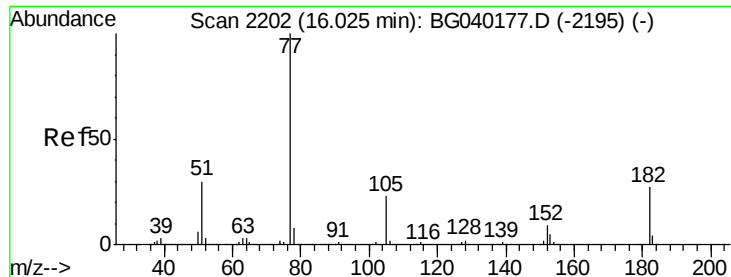
#62
4-Nitroaniline
Concen: 43.689 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	31.8	71.8
108	82.2	57.2	97.2



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





#63

Azobenzene

Concen: 43.139 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

Tgt Ion: 77 Resp: 393764

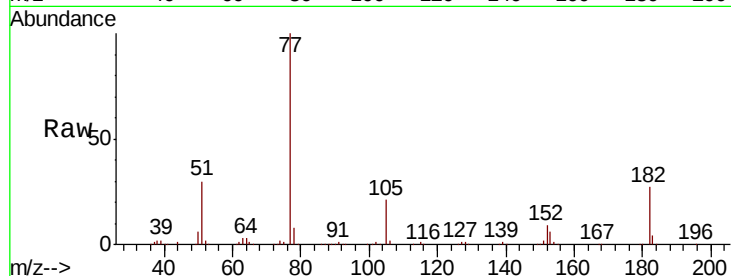
Ion Ratio Lower Upper

77 100

182 27.4 7.2 47.2

105 21.0 2.8 42.8

51 29.6 10.4 50.4

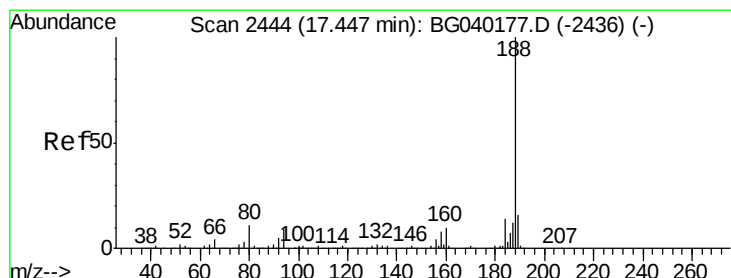
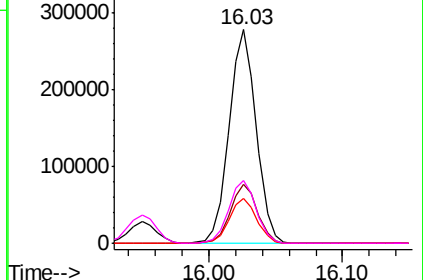
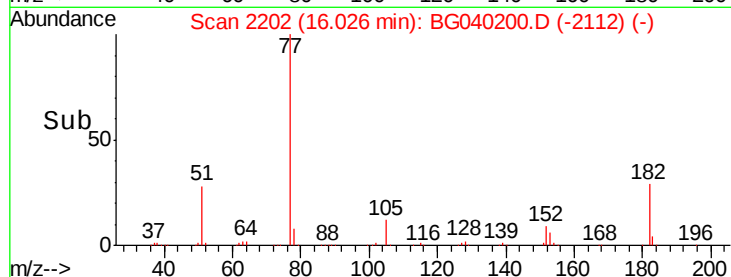


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040200.D

Acq: 28 Mar 2019 15:03

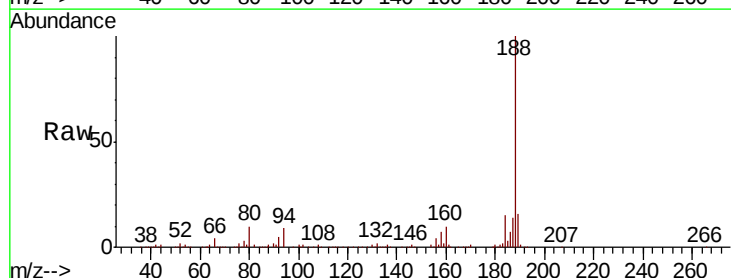
Tgt Ion: 188 Resp: 311773

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

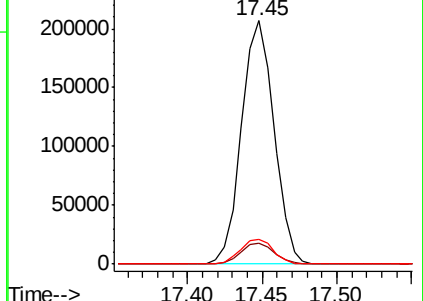
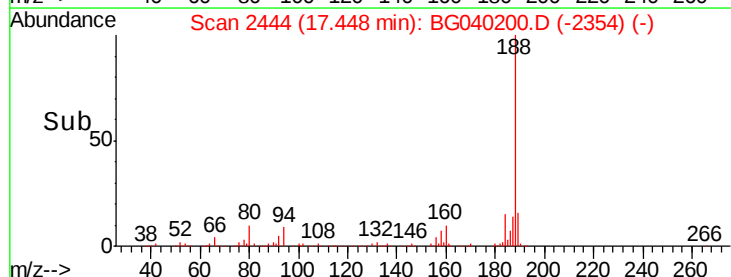
80 10.2 8.6 13.0

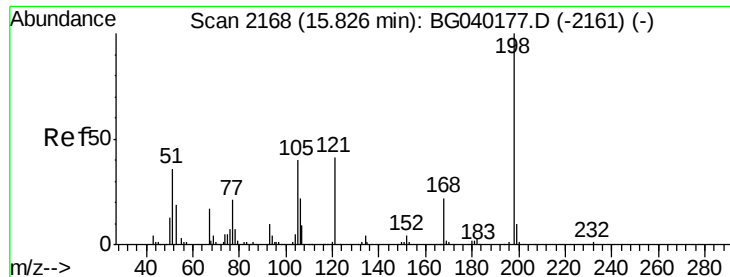


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

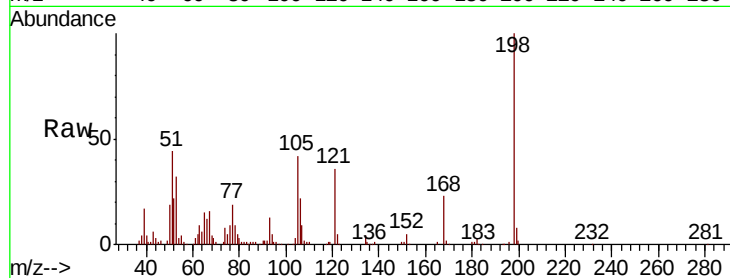




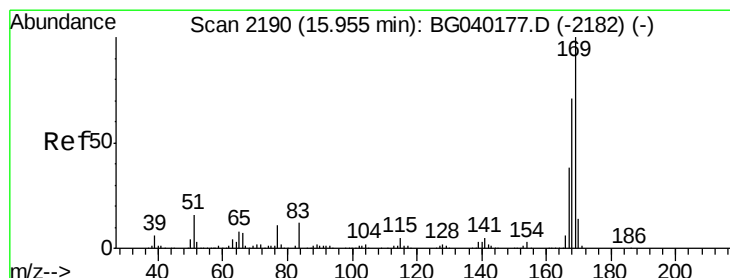
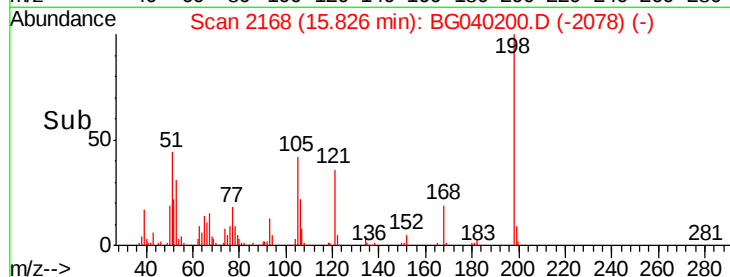
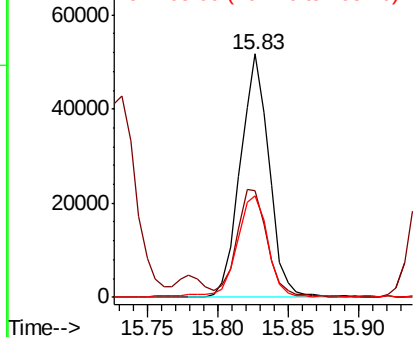
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.146 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Tgt Ion:198 Resp: 73823
 Ion Ratio Lower Upper
 198 100
 51 43.7 27.3 67.3
 105 41.9 21.7 61.7

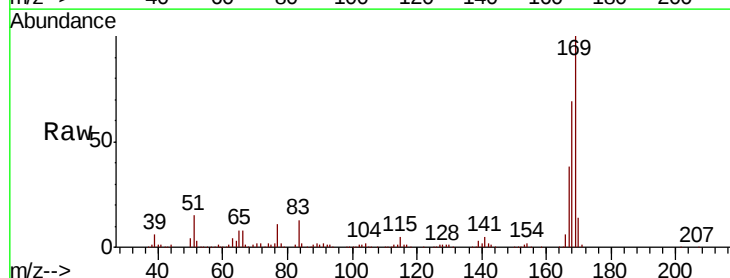


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

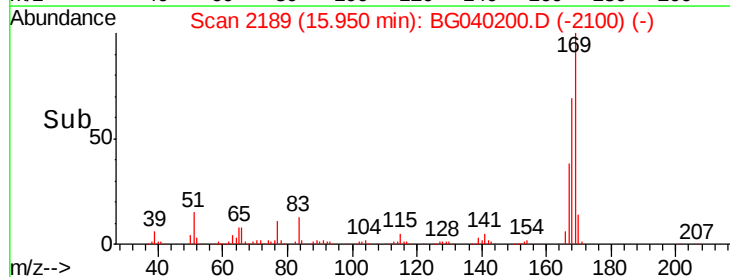
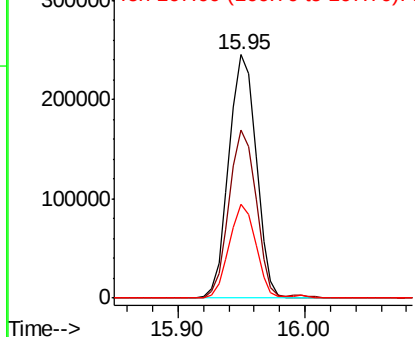


#66
 n-Nitrosodiphenylamine
 Concen: 40.203 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion:169 Resp: 366785
 Ion Ratio Lower Upper
 169 100
 168 68.9 56.8 85.2
 167 38.4 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

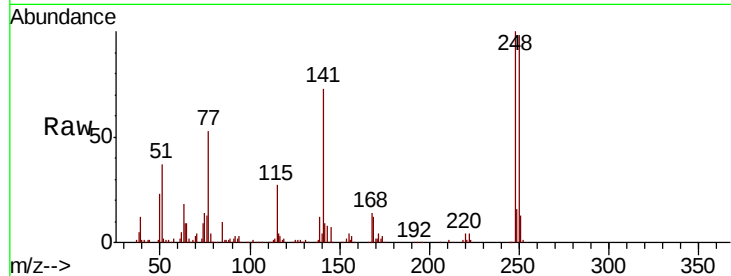




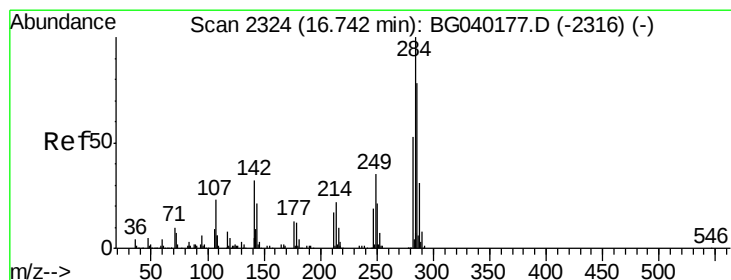
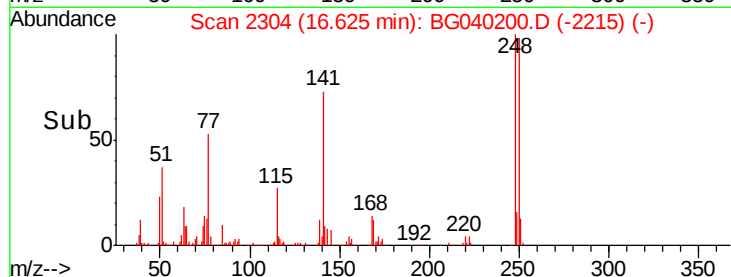
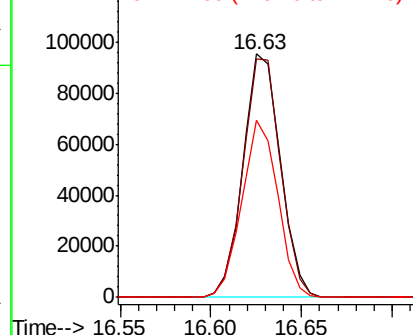
#67
 4-Bromophenyl-phenylether
 Concen: 38.971 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

Tgt Ion:248 Resp: 136732
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.4 114.6
 141 72.7 53.8 80.8

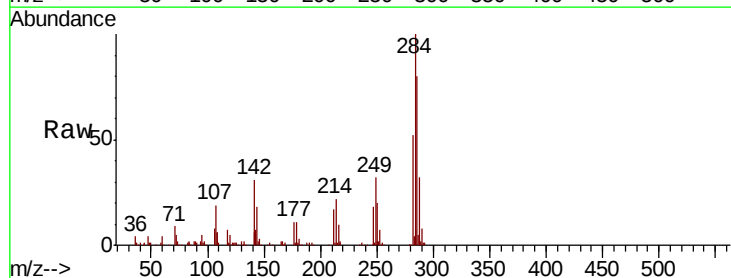


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

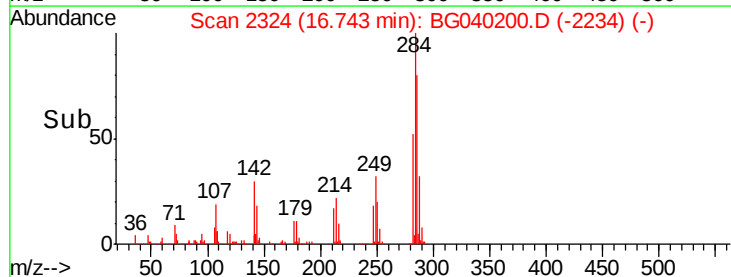
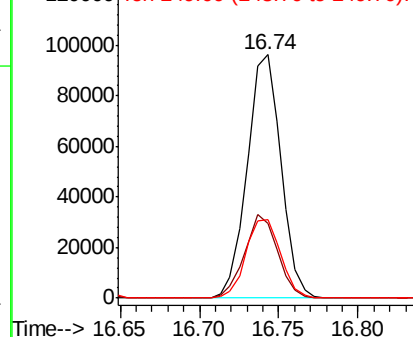


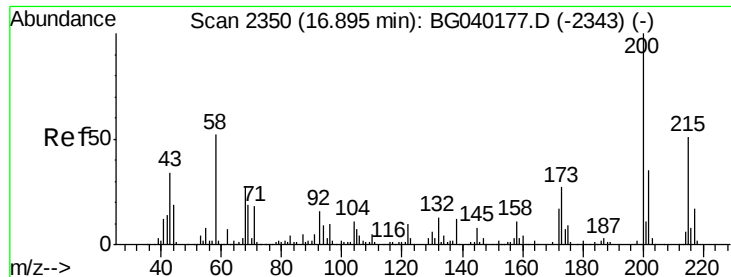
#68
 Hexachlorobenzene
 Concen: 40.367 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion:284 Resp: 142403
 Ion Ratio Lower Upper
 284 100
 142 30.6 25.3 37.9
 249 32.2 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: 42.266 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

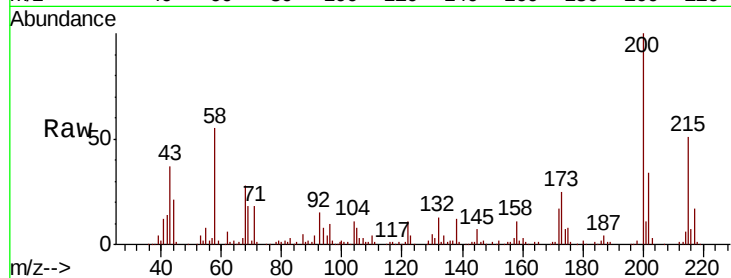
Tgt Ion:200 Resp: 143444

Ion Ratio Lower Upper

200 100

173 24.9 7.1 47.1

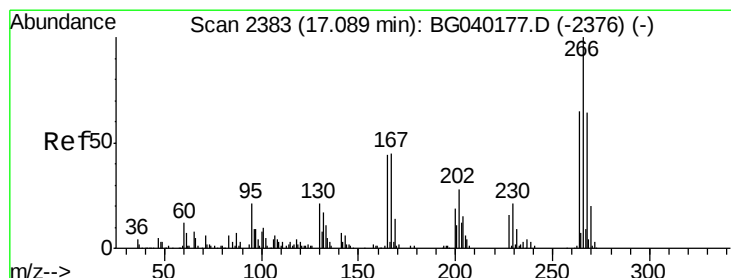
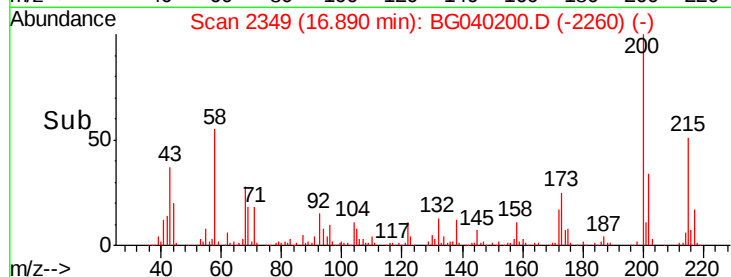
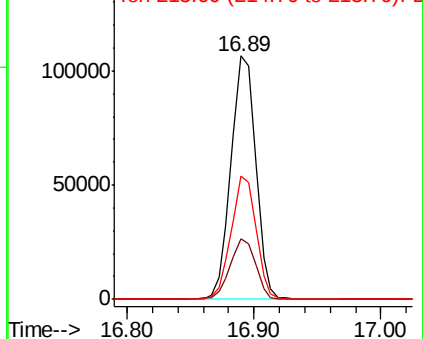
215 50.9 30.9 70.9



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: 82.765 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

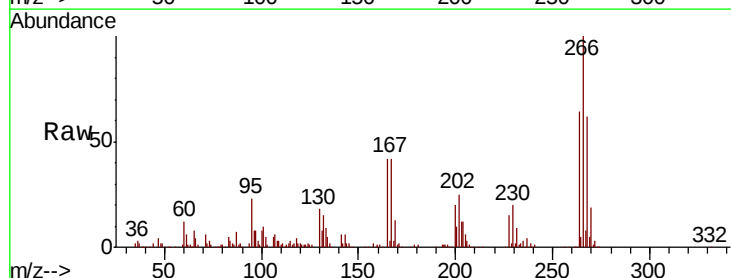
Tgt Ion:266 Resp: 168798

Ion Ratio Lower Upper

266 100

268 61.6 55.0 82.4

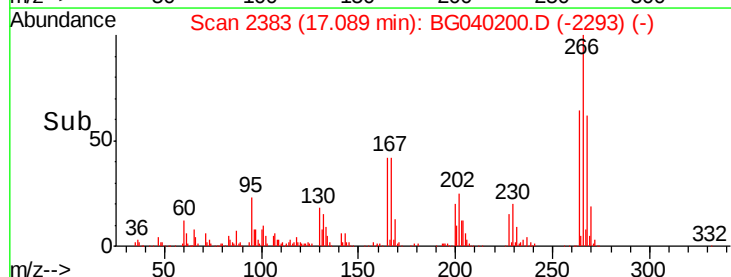
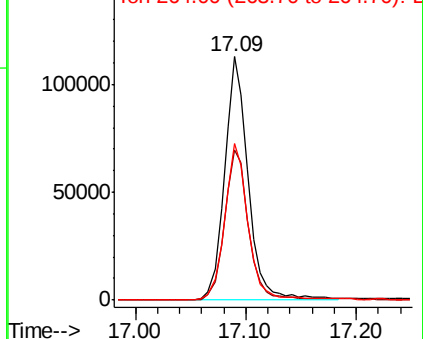
264 64.4 51.8 77.8

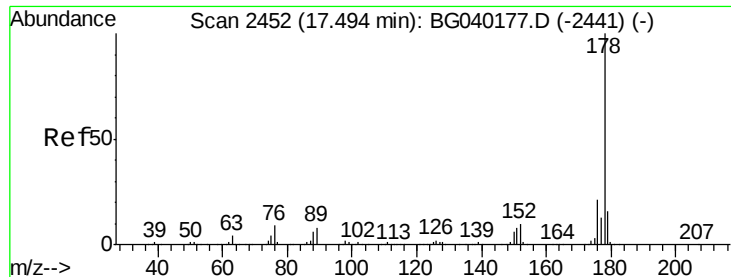


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

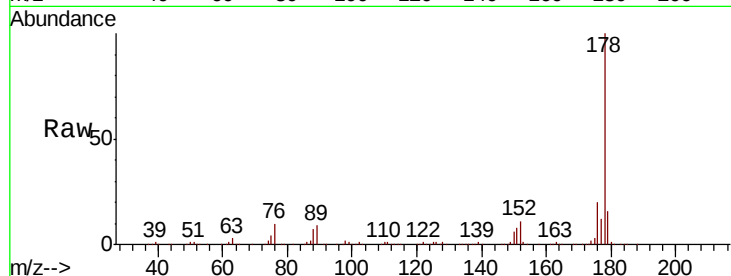




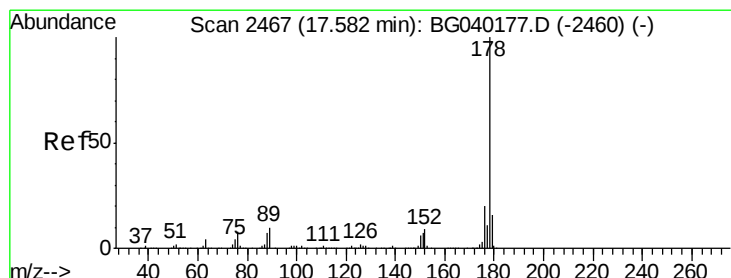
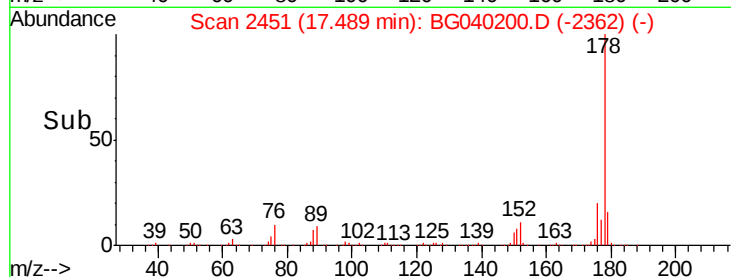
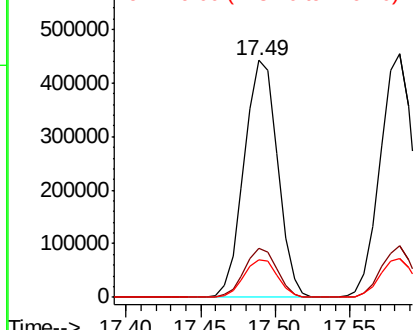
#71
Phenanthrene
Concen: 42.008 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Tgt Ion:178 Resp: 688406
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 15.7 12.8 19.2

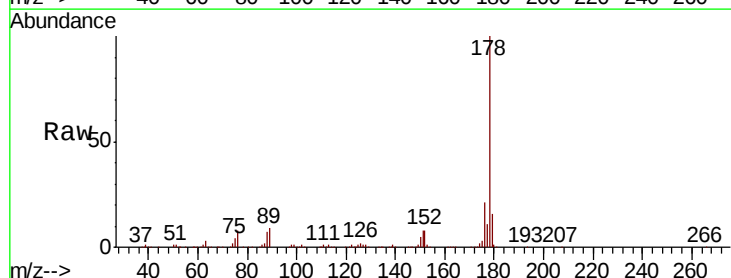


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

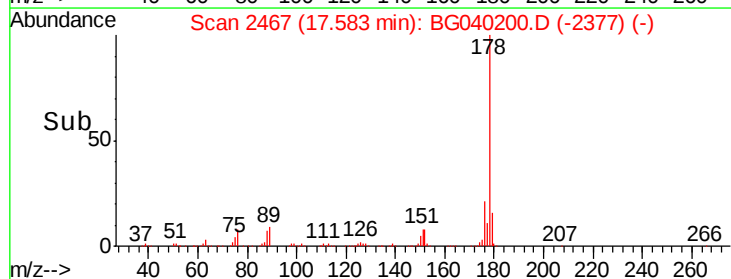
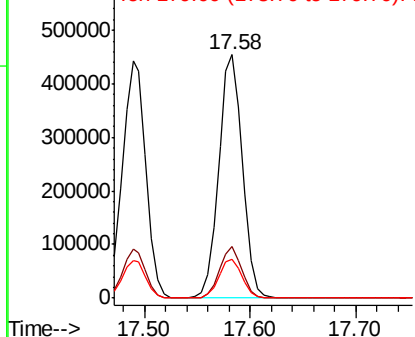


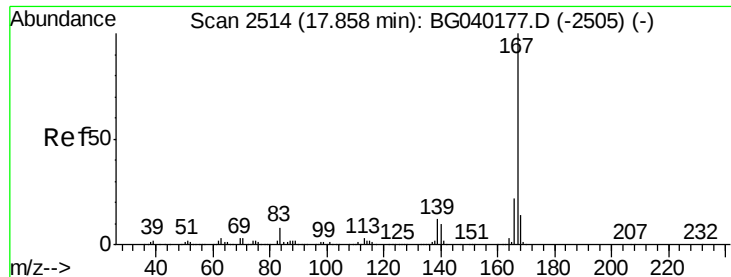
#72
Anthracene
Concen: 43.012 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040200.D
Acq: 28 Mar 2019 15:03

Tgt Ion:178 Resp: 705500
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 15.8 12.9 19.3



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

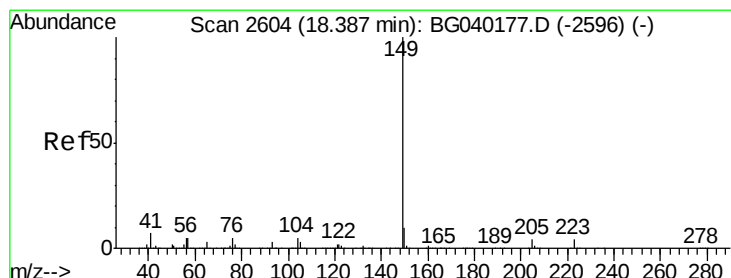
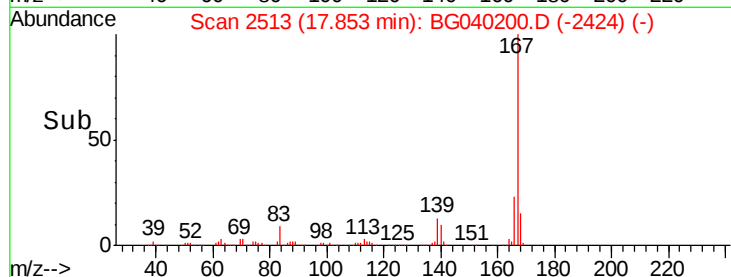
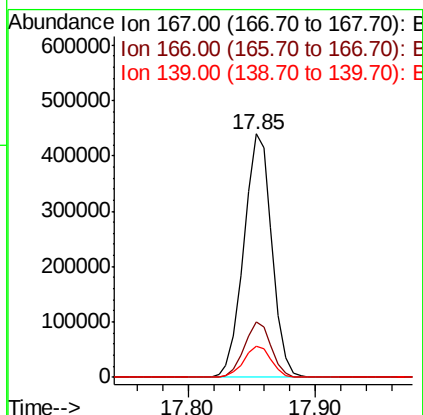
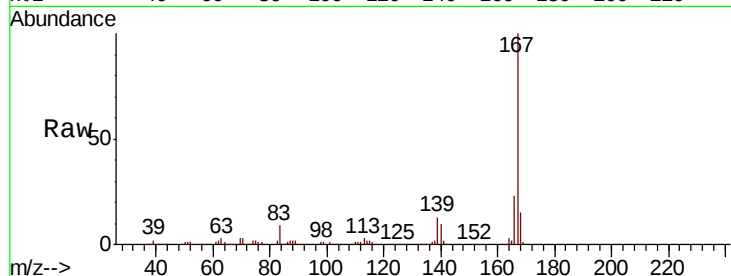




#73
 Carbazole
 Concen: 43.345 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

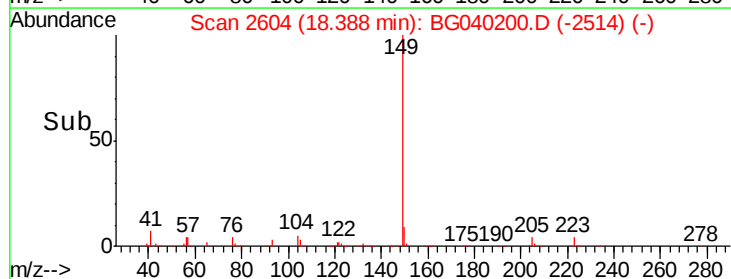
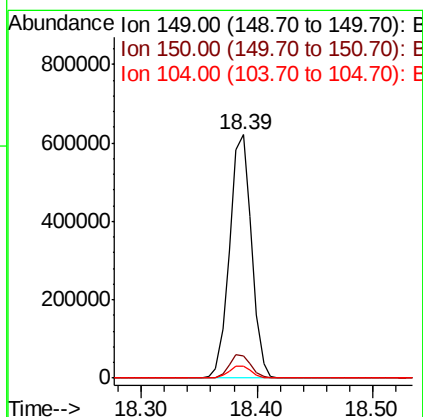
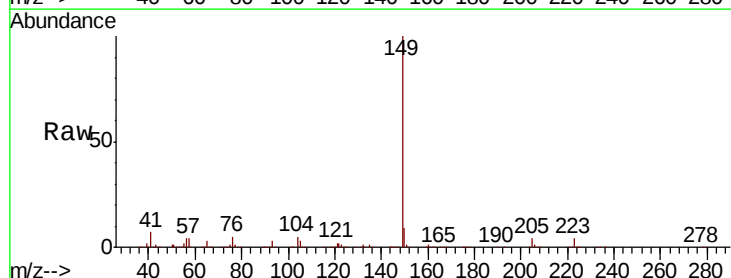
Instrument :
 BNA_G
 ClientSampleId :
 PB118351BSD

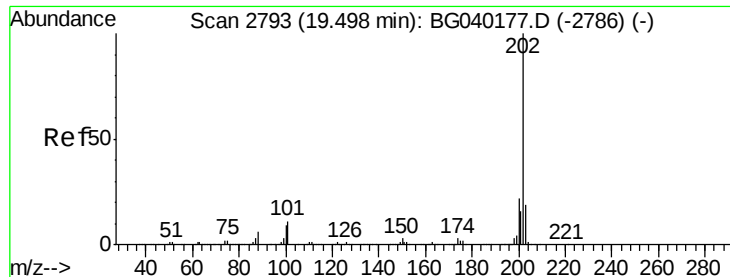
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 44.141 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG040200.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 45.814 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

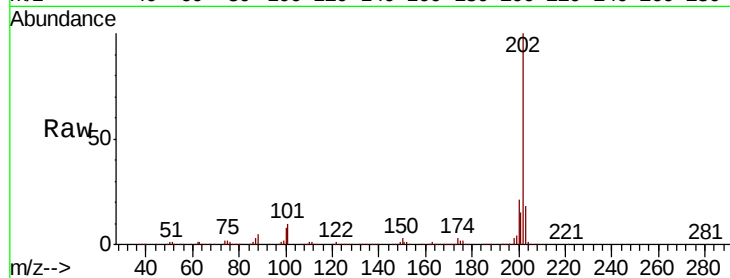
Tgt Ion:202 Resp: 889002

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.8

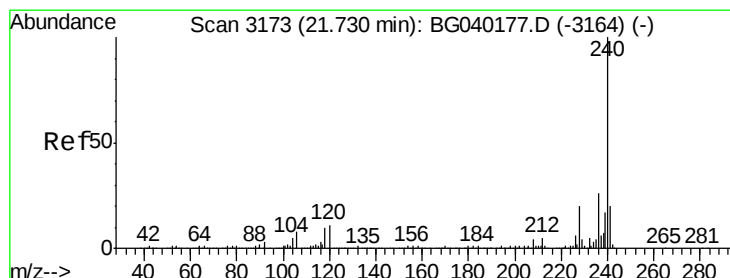
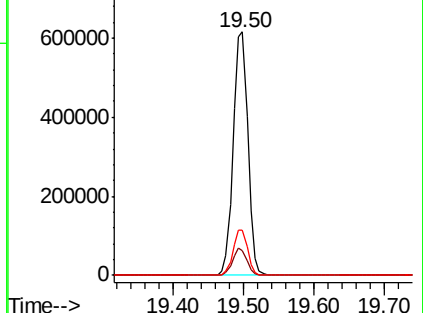
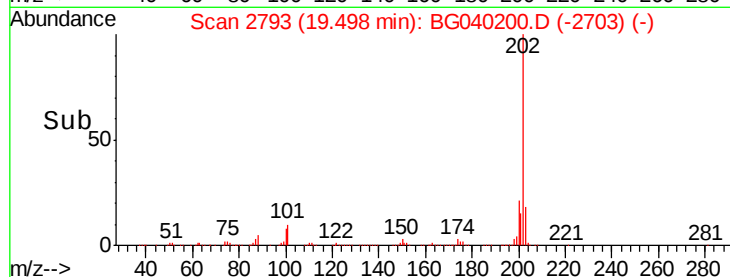
203 18.3 0.0 38.9



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. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

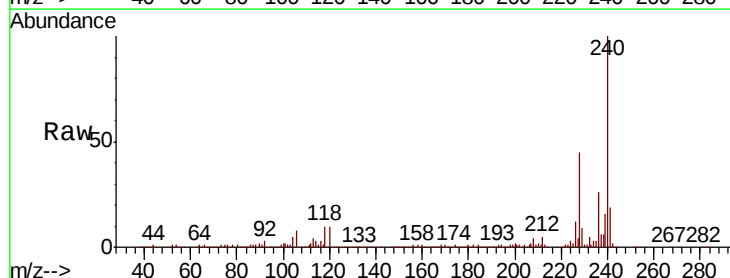
Tgt Ion:240 Resp: 327280

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

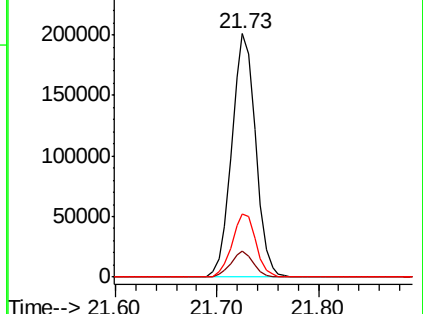
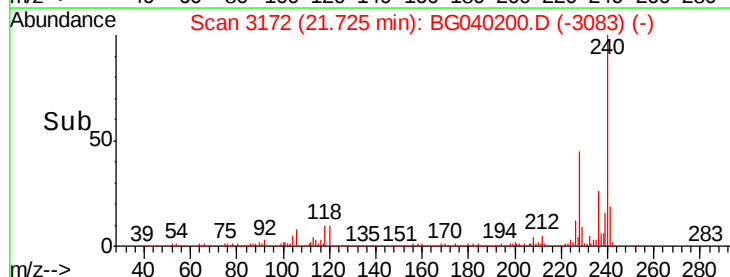
236 26.2 20.8 31.2

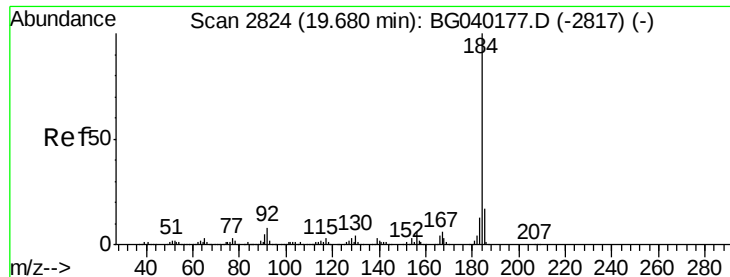


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.876 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

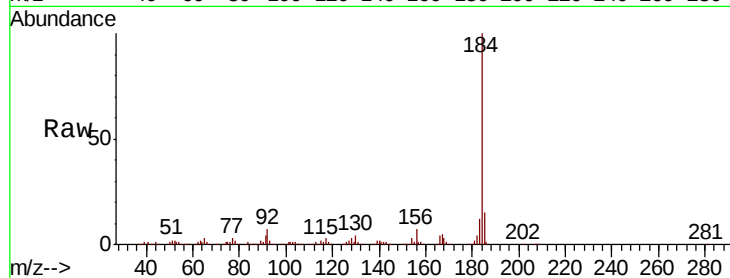
Tgt Ion:184 Resp: 364902

Ion Ratio Lower Upper

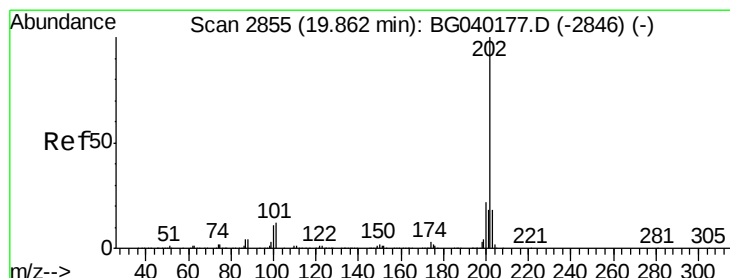
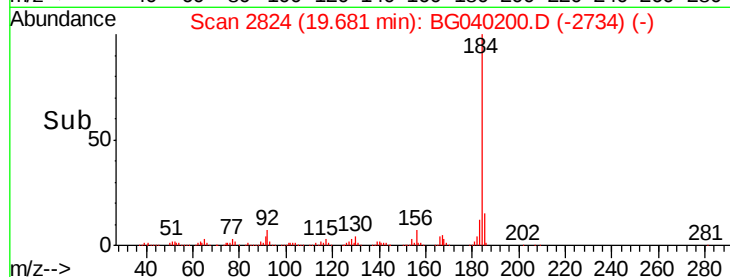
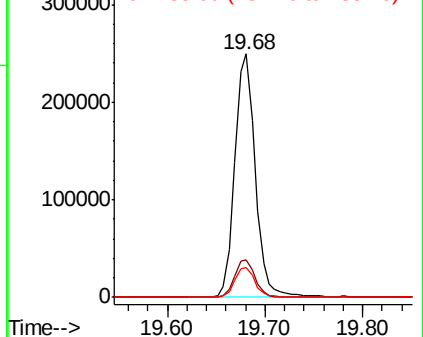
184 100

185 15.3 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: 41.383 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

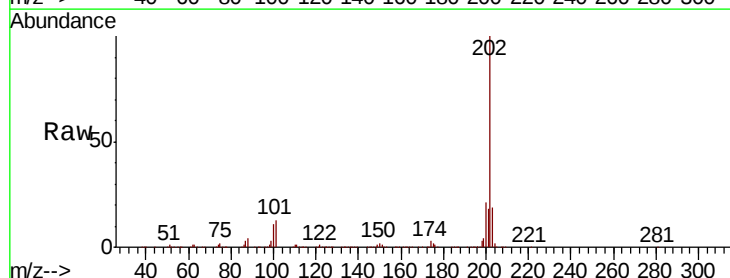
Tgt Ion:202 Resp: 890649

Ion Ratio Lower Upper

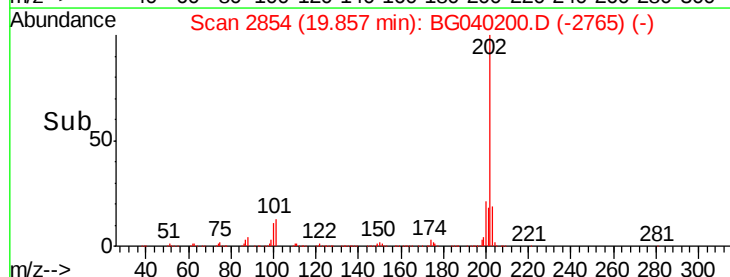
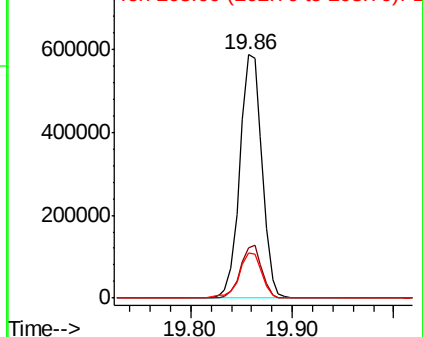
202 100

200 20.6 17.3 25.9

203 18.7 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: 78.987 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

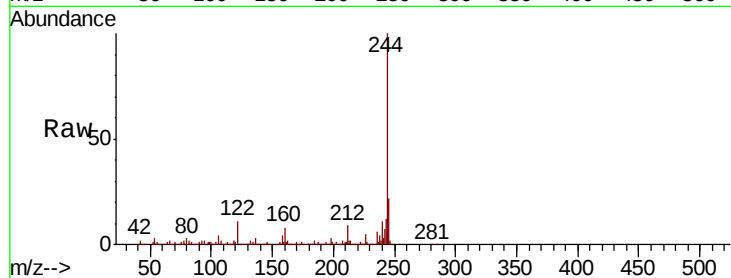
Tgt Ion:244 Resp: 1149110

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

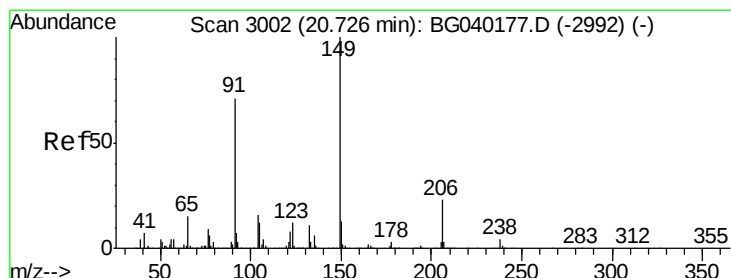
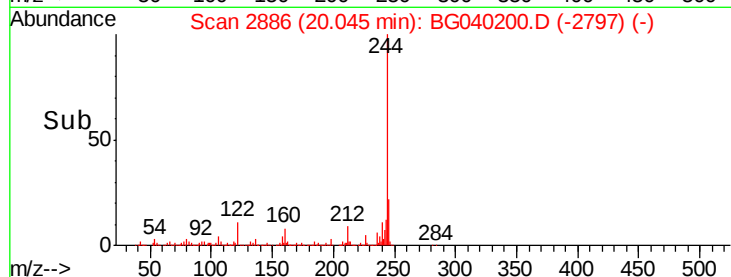
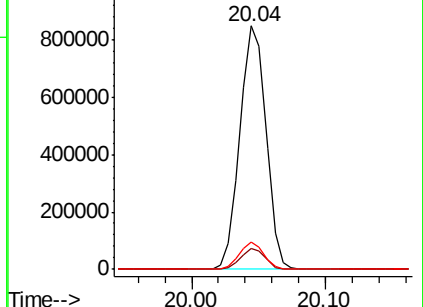
122 11.2 8.5 12.7



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: 41.103 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

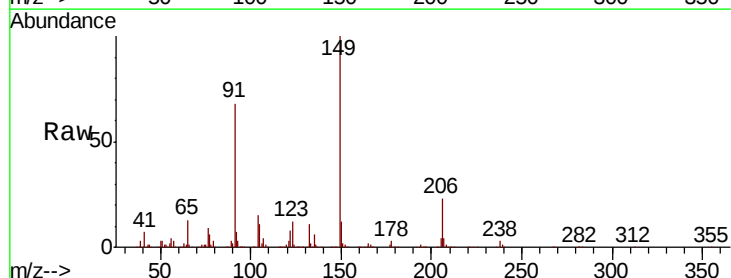
Tgt Ion:149 Resp: 378550

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

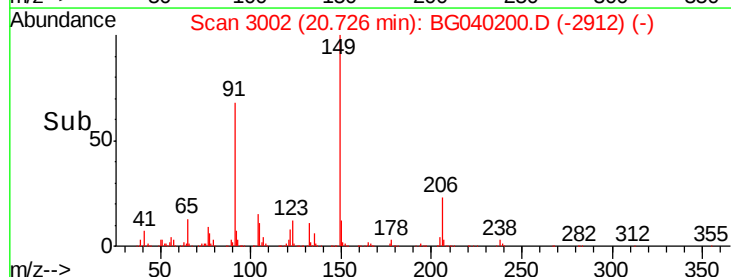
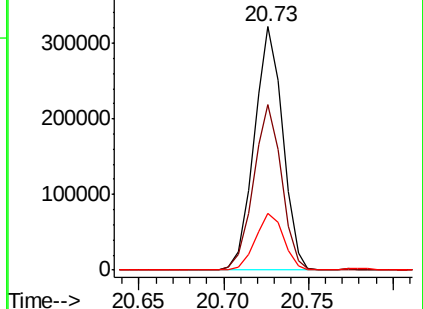
206 23.2 18.2 27.4

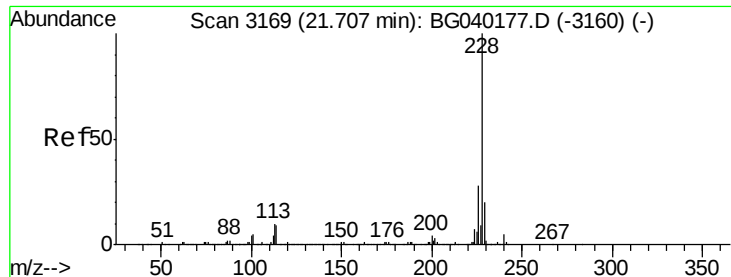


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.542 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

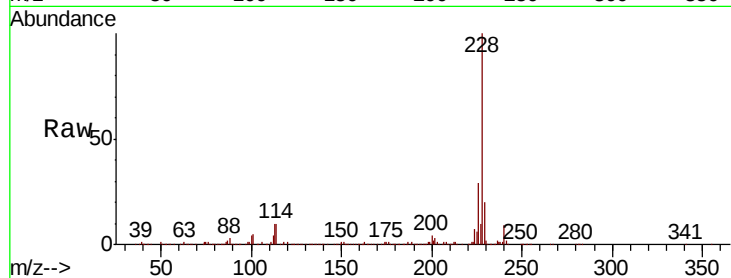
Tgt Ion:228 Resp: 817281

Ion Ratio Lower Upper

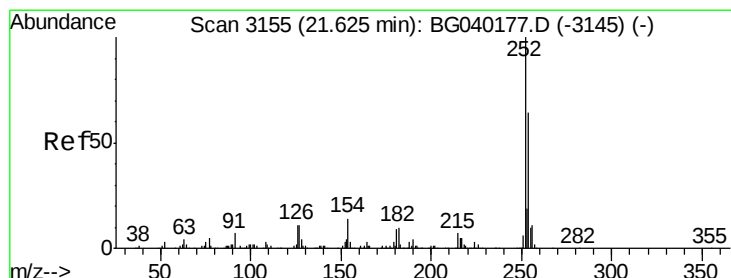
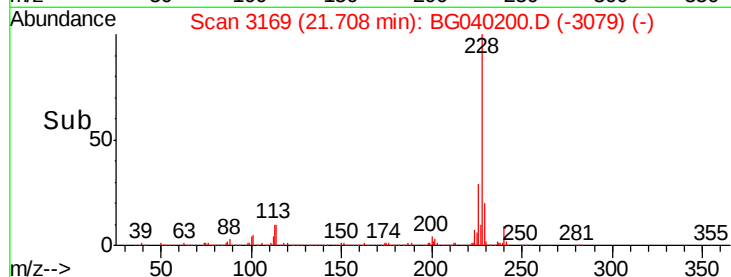
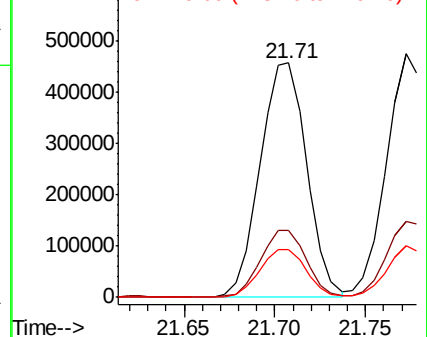
228 100

226 28.7 22.6 34.0

229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.546 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

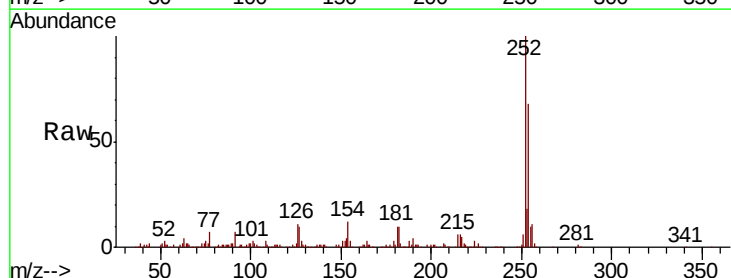
Tgt Ion:252 Resp: 188229

Ion Ratio Lower Upper

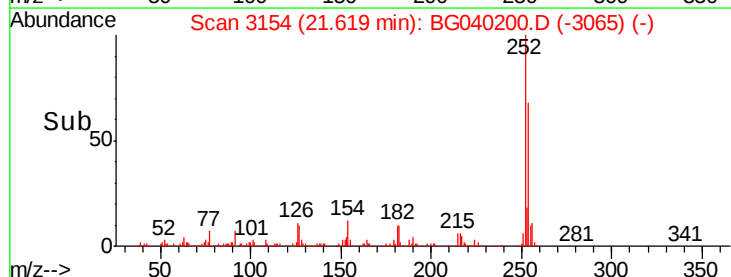
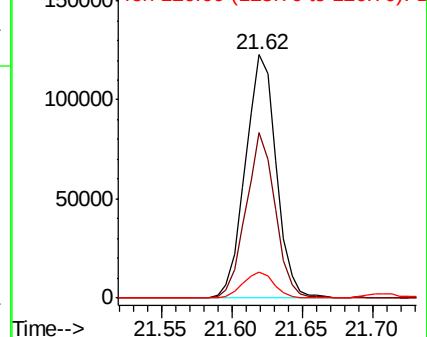
252 100

254 68.1 51.4 77.2

126 10.8 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.752 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

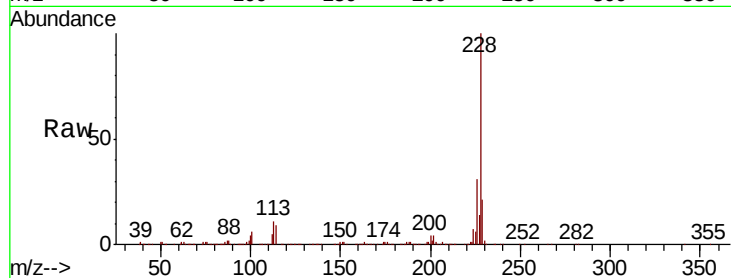
Tgt Ion:228 Resp: 789521

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

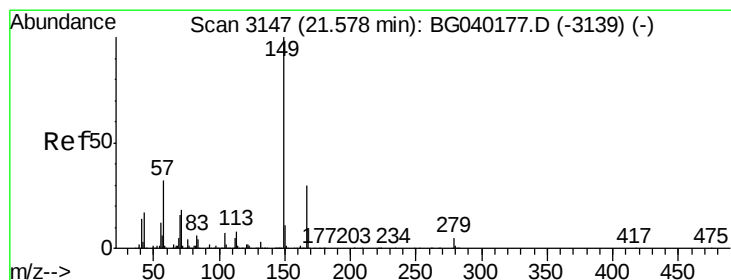
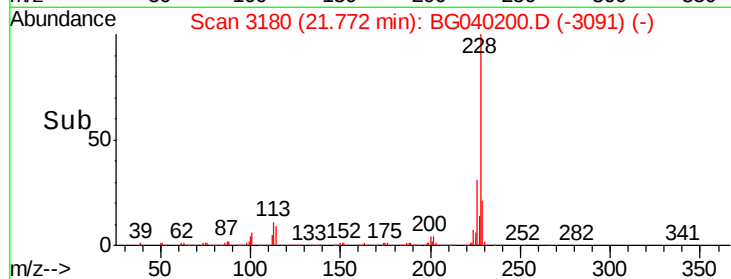
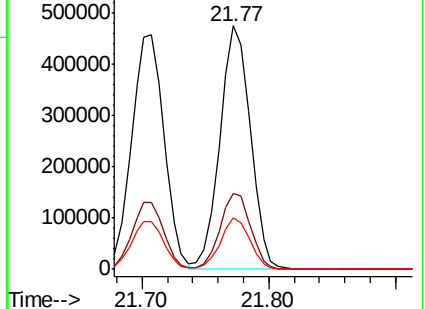
229 21.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.755 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

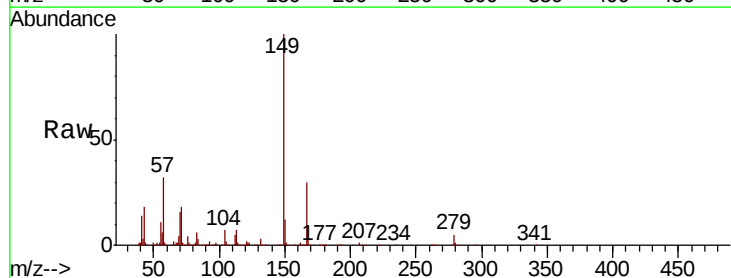
Tgt Ion:149 Resp: 523380

Ion Ratio Lower Upper

149 100

167 30.2 24.1 36.1

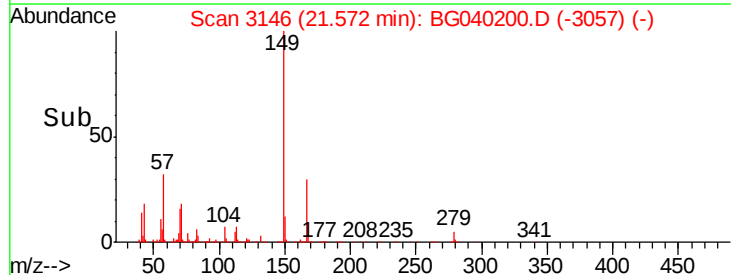
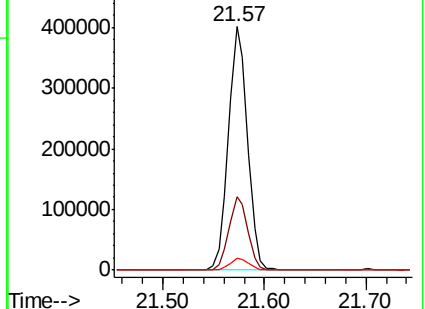
279 5.0 4.1 6.1

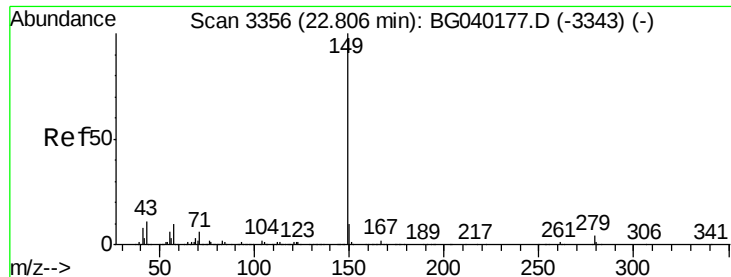


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.245 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

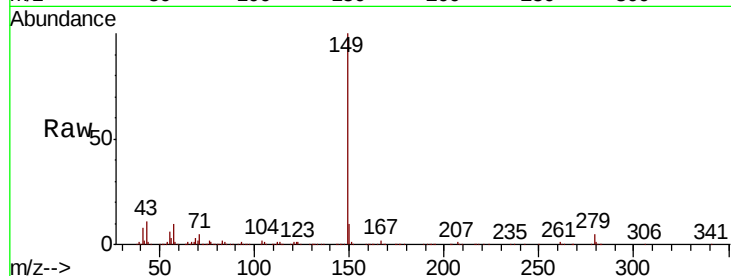
Tgt Ion:149 Resp: 902699

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

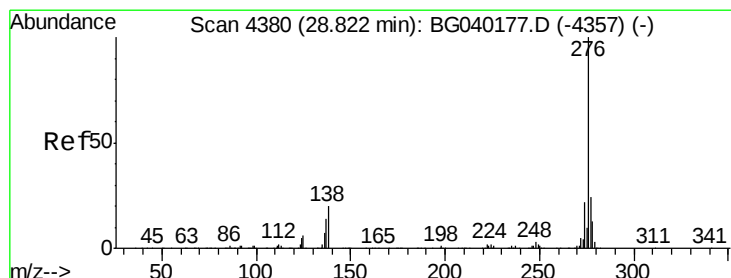
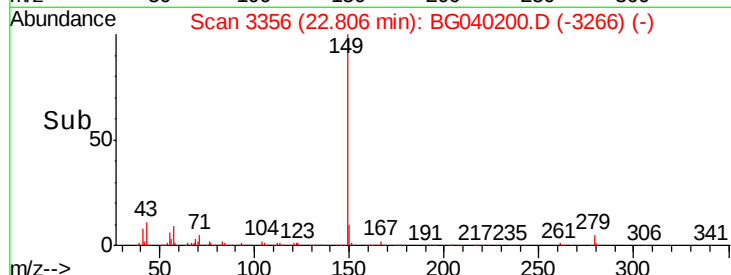
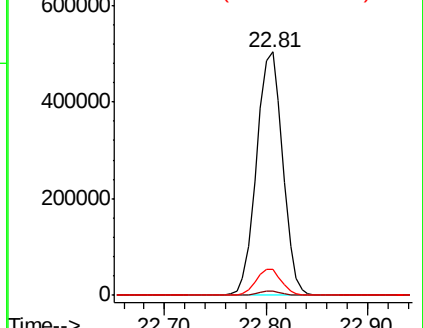
43 10.3 8.7 13.1



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: 41.062 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

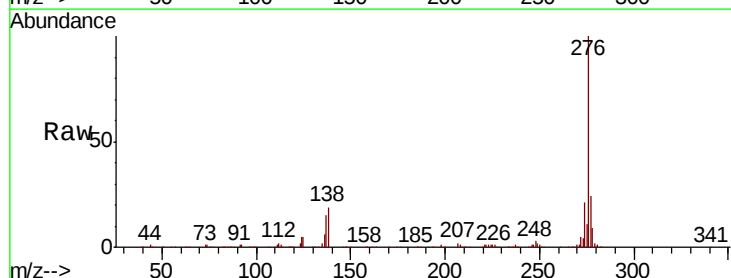
Tgt Ion:276 Resp: 972983

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

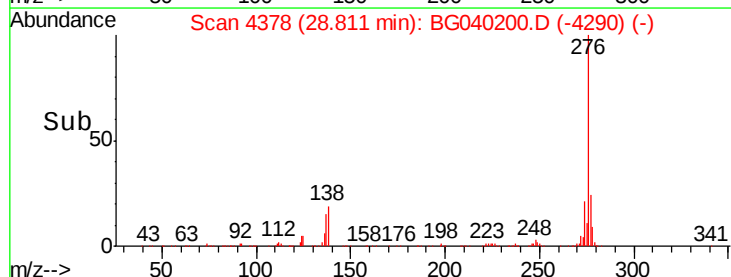
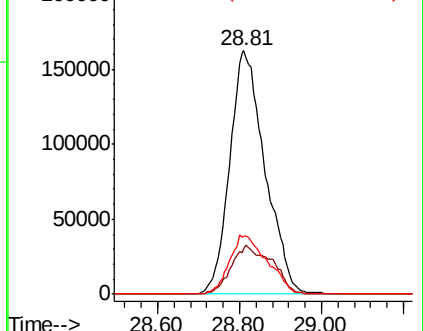
277 25.9 21.0 31.4

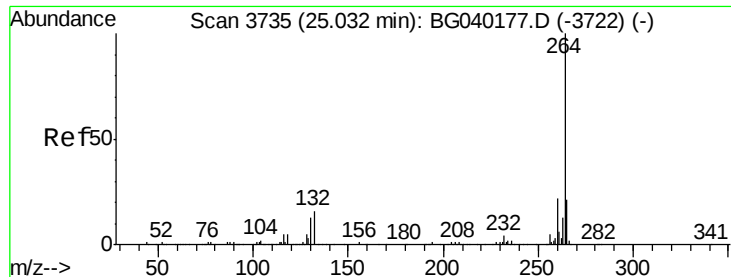


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

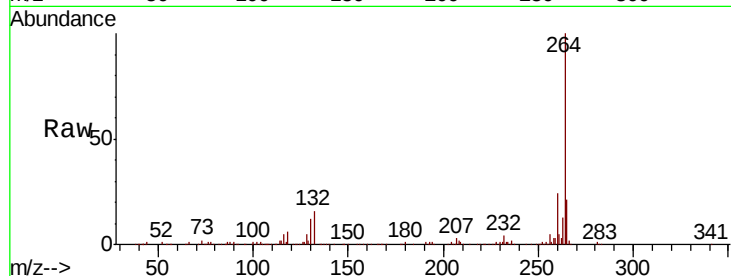
Tgt Ion:264 Resp: 335653

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 20.6 16.8 25.2

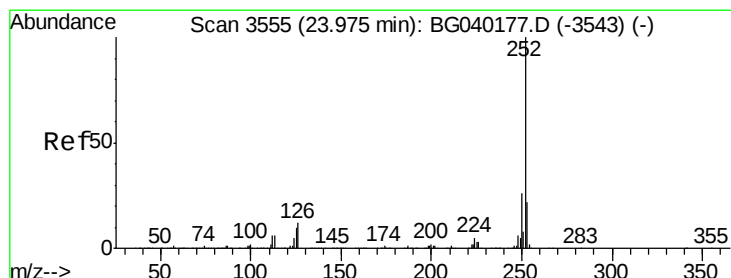
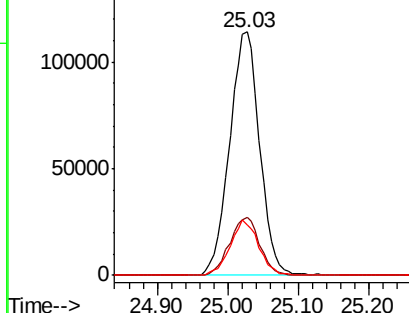
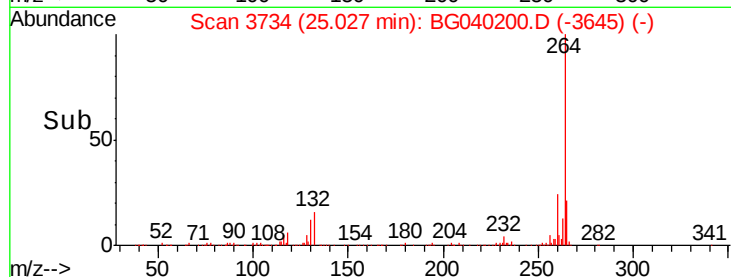


Abundance

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: 41.567 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

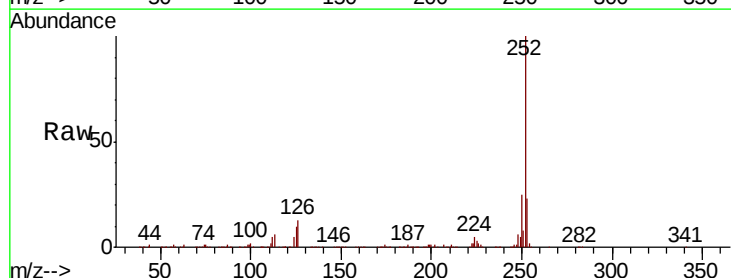
Tgt Ion:252 Resp: 854210

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 9.8 8.2 12.4

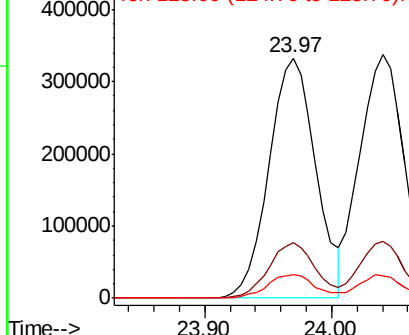
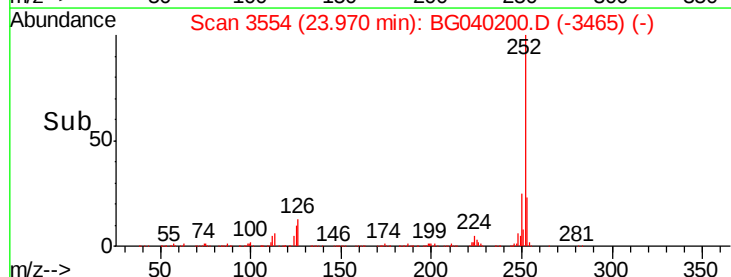


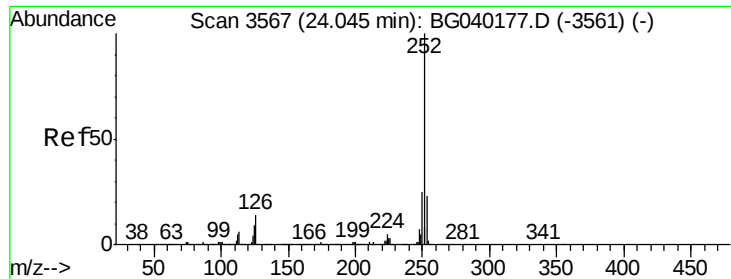
Abundance

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: 43.646 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

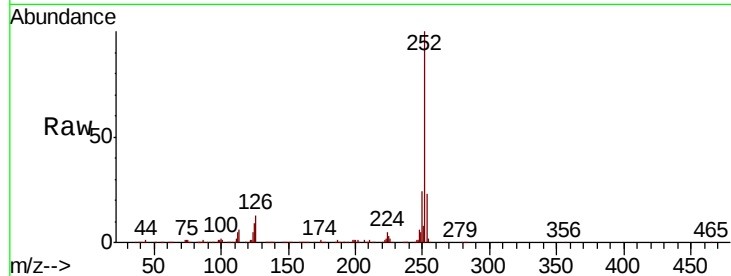
Tgt Ion:252 Resp: 824821

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

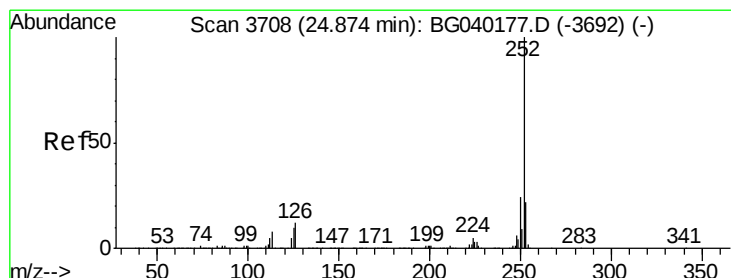
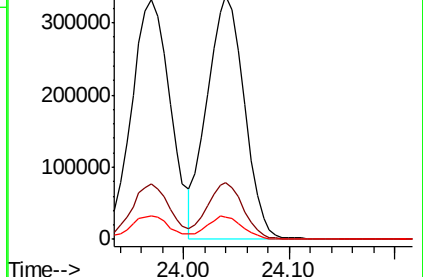
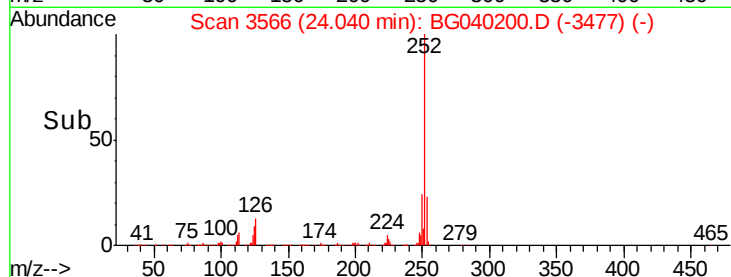
125 9.1 7.3 10.9



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: 43.484 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

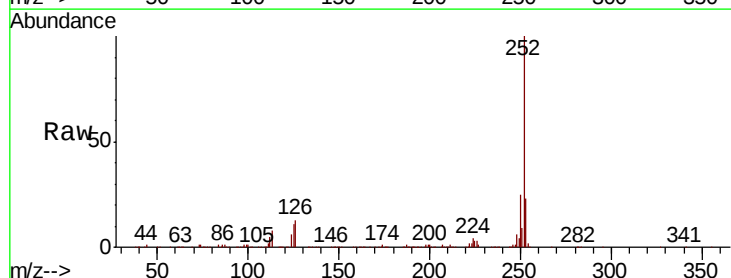
Tgt Ion:252 Resp: 838421

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

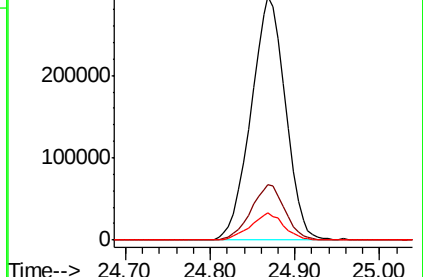
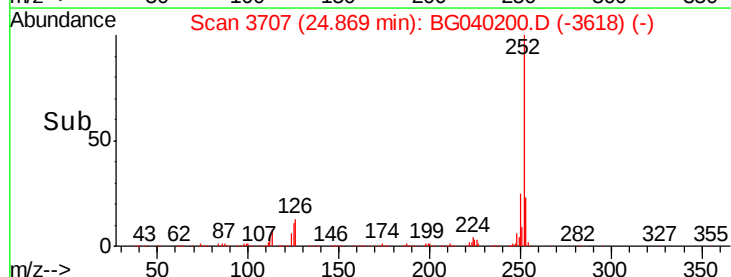
125 11.0 8.3 12.5

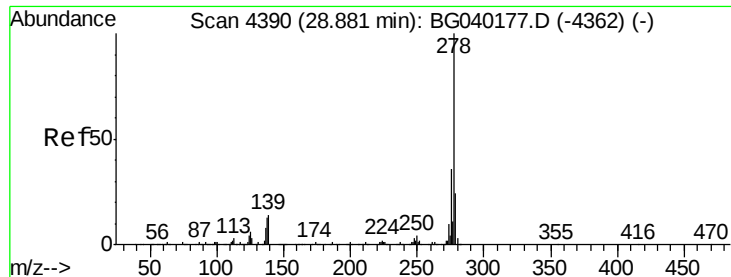


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.815 ng

RT: 28.88 min Scan# 4389

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB118351BSD

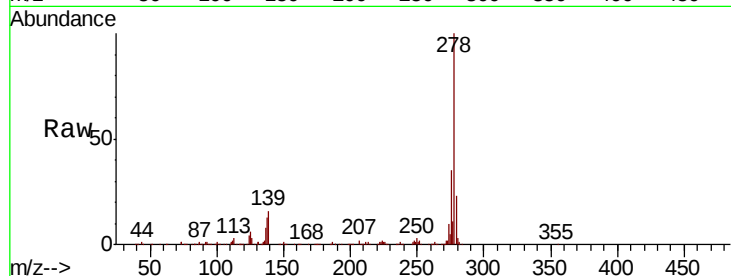
Tgt Ion:278 Resp: 784612

Ion Ratio Lower Upper

278 100

139 16.2 11.2 16.8

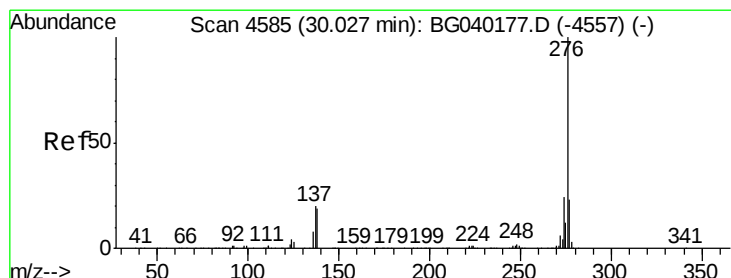
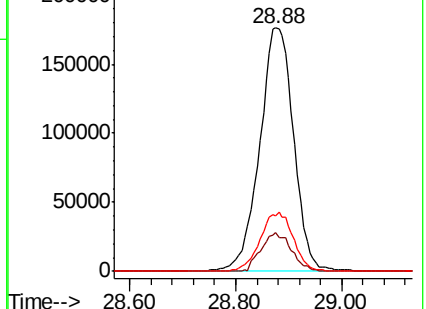
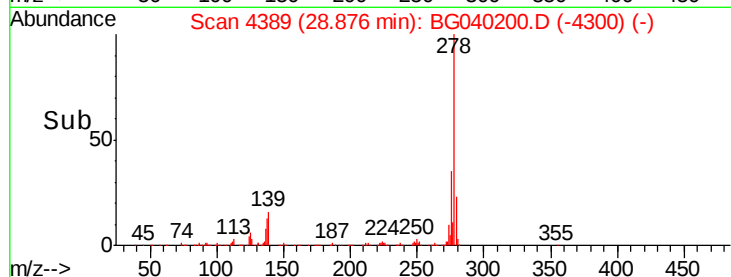
279 22.9 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.104 ng

RT: 30.02 min Scan# 4583

Delta R.T. -0.01 min

Lab File: BG040200.D

Acq: 28 Mar 2019 15:03

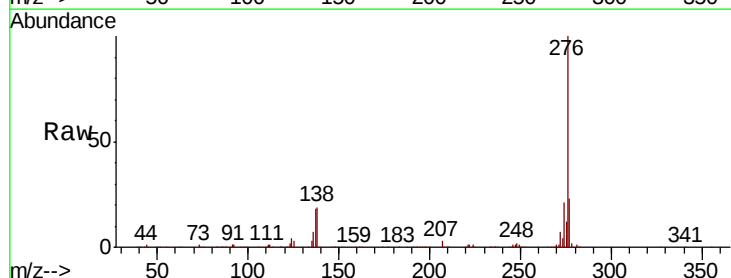
Tgt Ion:276 Resp: 811673

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.5 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

