

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053119\
 Data File : BG040997.D
 Acq On : 1 Jun 2019 4:45
 Operator : HP/JU
 Sample : PB120082BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

Quant Time: Jun 01 06:30:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56970	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	237144	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170878	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	449597	20.00	ng	0.00
76) Chrysene-d12	21.78	240	479637	20.00	ng	0.00
87) Perylene-d12	25.11	264	502179	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	412599	130.60	ng	0.00
7) Phenol-d6	7.27	99	569308	116.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	436174	81.65	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	296893	117.03	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	967725	81.56	ng	0.00
79) Terphenyl-d14	20.09	244	1839086	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	49135	34.273	ng	# 87
3) Pyridine	3.92	79	138035	32.539	ng	96
4) n-Nitrosodimethylamine	3.85	42	74075	37.624	ng	99
6) Aniline	7.44	93	160074	24.578	ng	94
8) 2-Chlorophenol	7.68	128	145651	38.670	ng	97
9) Benzaldehyde	7.25	77	71845	24.683	ng	86
10) Phenol	7.29	94	199515	38.136	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	133952	35.295	ng	99
12) 1,3-Dichlorobenzene	8.01	146	156717	34.837	ng	94
13) 1,4-Dichlorobenzene	8.16	146	156865	34.449	ng	96
14) 1,2-Dichlorobenzene	8.48	146	148687	33.630	ng	95
15) Benzyl Alcohol	8.36	79	161659	35.816	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	218502	35.233	ng	97
17) 2-Methylphenol	8.55	107	135753	35.838	ng	97
18) Hexachloroethane	9.20	117	62364	35.534	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	126387	33.659	ng	95
20) 3+4-Methylphenols	8.88	107	184575	35.177	ng	98
22) Acetophenone	8.95	105	236353	35.530	ng	# 97
24) Nitrobenzene	9.34	77	196571	36.109	ng	99
25) Isophorone	9.86	82	355609	34.980	ng	99
26) 2-Nitrophenol	10.05	139	84937	37.847	ng	90
27) 2,4-Dimethylphenol	10.09	122	149957	40.458	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	189196	34.482	ng	99
29) 2,4-Dichlorophenol	10.58	162	167924	35.677	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	183054	34.188	ng	92
31) Naphthalene	11.00	128	450938	35.416	ng	99
32) Benzoic acid	10.22	122	89260	33.856	ng	92
33) 4-Chloroaniline	11.11	127	108140	18.305	ng	91
34) Hexachlorobutadiene	11.25	225	137091	33.462	ng	98
35) Caprolactam	11.88	113	53141	34.190	ng	92
36) 4-Chloro-3-methylphenol	12.21	107	187161	34.818	ng	97
37) 2-Methylnaphthalene	12.59	142	333937	34.053	ng	99
38) 1-Methylnaphthalene	12.81	142	325079	35.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	246421	35.779	ng	# 98

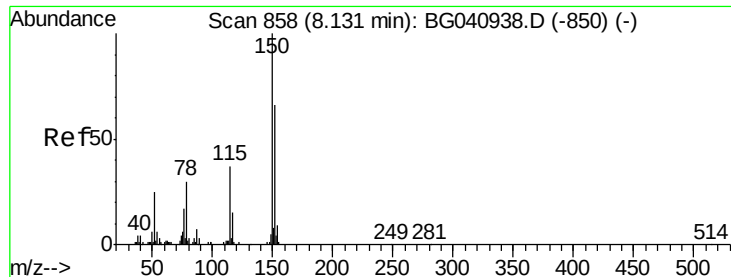
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053119\
 Data File : BG040997.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	326524	87.352	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	159226	35.737	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	172220	36.651	ng	98
46) 1,1'-Biphenyl	13.59	154	460778	36.429	ng	99
47) 2-Chloronaphthalene	13.63	162	374440	34.483	ng	97
48) 2-Nitroaniline	13.84	65	137608	35.324	ng	94
49) Acenaphthylene	14.48	152	585938	35.852	ng	100
50) Dimethylphthalate	14.20	163	507164	35.062	ng	100
51) 2,6-Dinitrotoluene	14.33	165	110658	35.481	ng	98
52) Acenaphthene	14.82	154	341702	34.514	ng	98
53) 3-Nitroaniline	14.66	138	76827	24.635	ng	92
54) 2,4-Dinitrophenol	14.87	184	128129	79.198	ng	97
55) Dibenzofuran	15.15	168	598021	35.898	ng	97
56) 4-Nitrophenol	14.96	139	174464	81.559	ng	90
57) 2,4-Dinitrotoluene	15.11	165	162066	36.787	ng	99
58) Fluorene	15.80	166	473972	35.726	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	180647	39.119	ng	97
60) Diethylphthalate	15.55	149	515730	34.937	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	297137	34.457	ng	94
62) 4-Nitroaniline	15.83	138	117693	35.647	ng	96
63) Azobenzene	16.07	77	478022	35.628	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	93830	40.567	ng	95
66) n-Nitrosodiphenylamine	16.00	169	442181	34.986	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	198068	32.644	ng	99
68) Hexachlorobenzene	16.79	284	204426	31.640	ng	97
69) Atrazine	16.94	200	185553	38.049	ng	96
70) Pentachlorophenol	17.14	266	250536	72.791	ng	98
71) Phenanthrene	17.54	178	829838	35.435	ng	99
72) Anthracene	17.63	178	842510	36.477	ng	100
73) Carbazole	17.90	167	741645	37.422	ng	98
74) Di-n-butylphthalate	18.43	149	880443	35.744	ng	99
75) Fluoranthene	19.54	202	1101168	38.068	ng	98
77) Benzidine	19.72	184	411335	35.950	ng	97
78) Pyrene	19.90	202	1103788	35.401	ng	99
80) Butylbenzylphthalate	20.77	149	421900	34.771	ng	98
81) Benzo(a)anthracene	21.75	228	1091826	34.197	ng	100
82) 3,3'-Dichlorobenzidine	21.67	252	264342	23.540	ng	98
83) Chrysene	21.82	228	1072106	35.090	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	581722	34.057	ng	100
85) Di-n-octyl phthalate	22.87	149	985207	34.633	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1295081	34.603	ng	# 98
88) Benzo(b)fluoranthene	24.05	252	1115705	36.630	ng	100
89) Benzo(k)fluoranthene	24.12	252	1085387	36.010	ng	98
90) Benzo(a)pyrene	24.96	252	1084334	37.314	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	1066581	36.732	ng	98
92) Benzo(g,h,i)perylene	30.17	276	1064648	37.740	ng	98

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

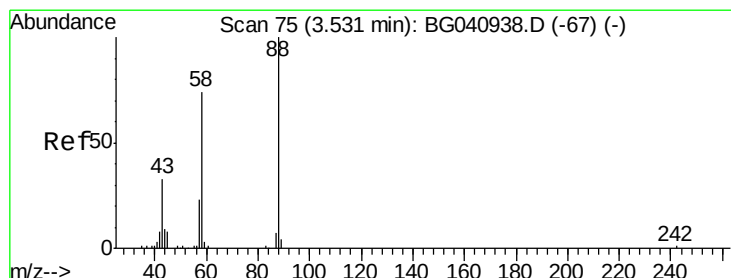
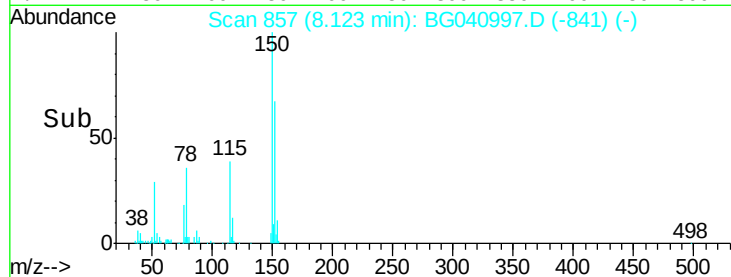
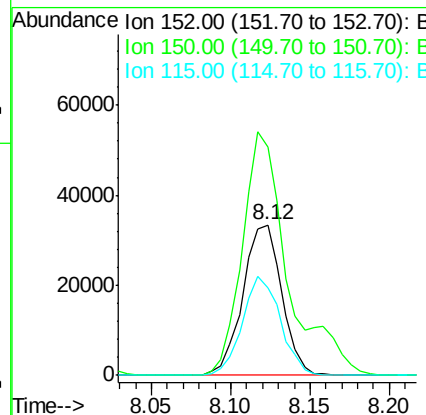
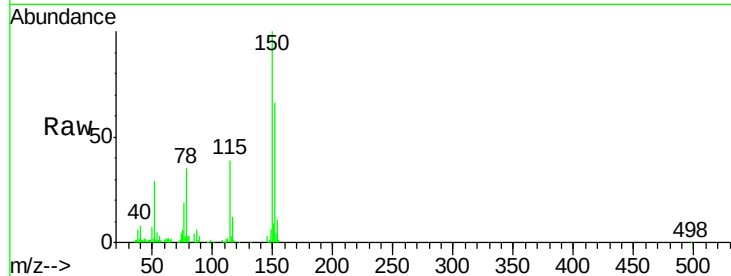


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
PB120082BSD

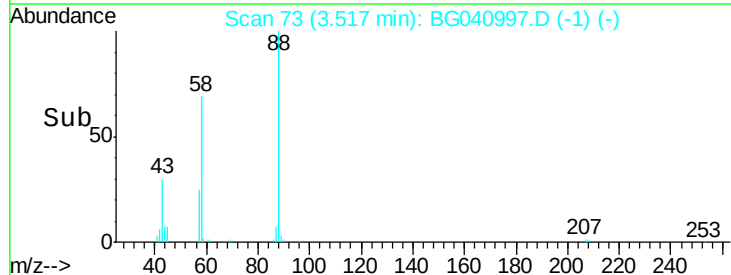
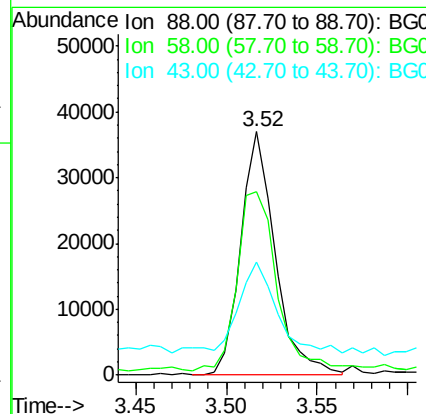
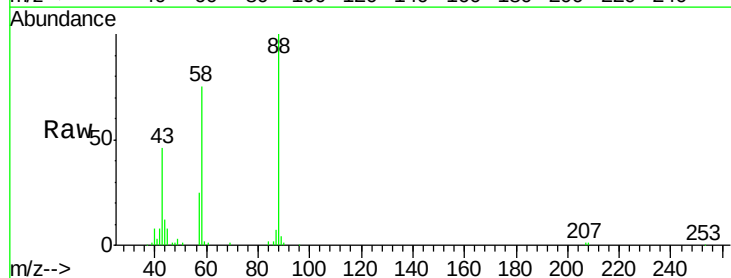
Tgt Ion:152 Resp: 56970
Ion Ratio Lower Upper
152 100
150 151.7 120.6 180.8
115 58.5 45.1 67.7

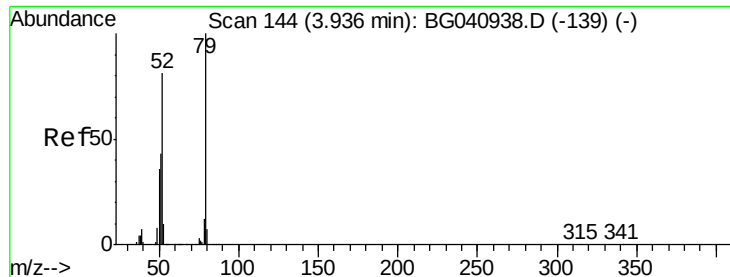


#2

1,4-Dioxane
Concen: 34.273 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion: 88 Resp: 49135
Ion Ratio Lower Upper
88 100
58 84.5 59.0 88.6
43 42.6 27.2 40.8#





#3

Pyridine

Concen: 32.539 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

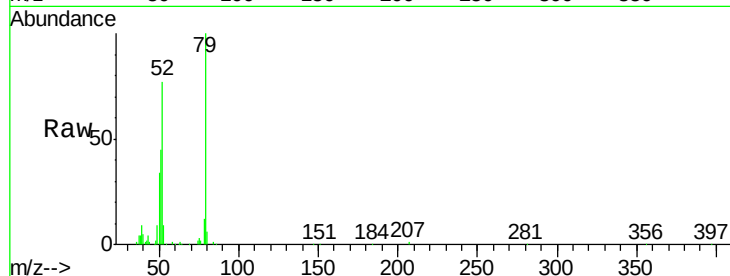
Tgt Ion: 79 Resp: 138035

Ion Ratio Lower Upper

79 100

52 76.8 64.8 97.2

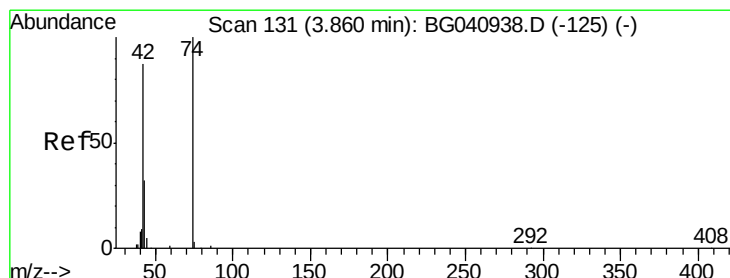
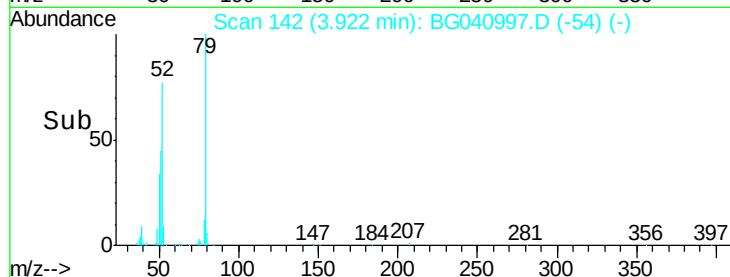
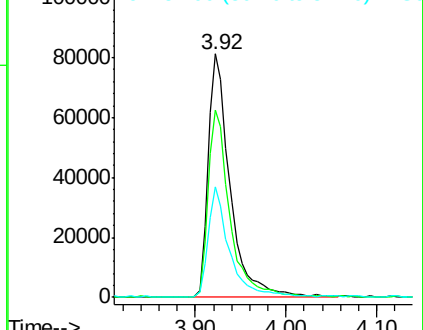
51 45.2 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.624 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

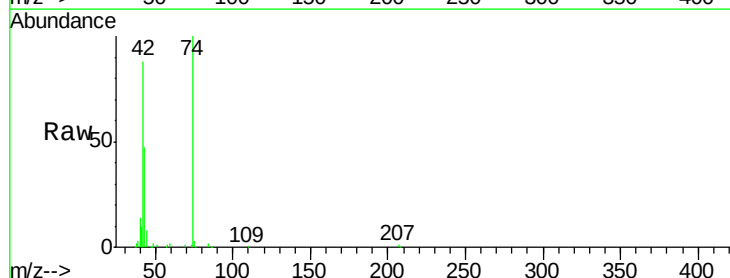
Tgt Ion: 42 Resp: 74075

Ion Ratio Lower Upper

42 100

74 114.0 91.8 137.6

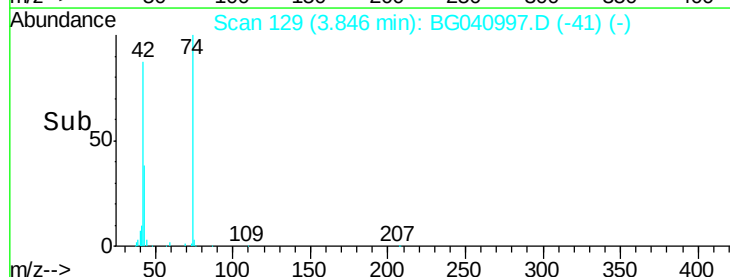
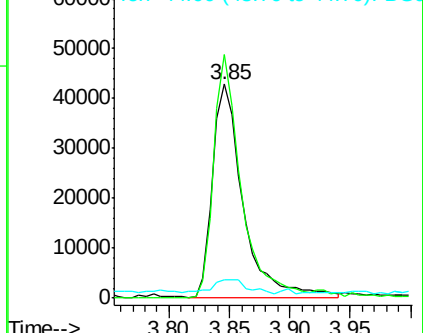
44 8.6 6.0 9.0

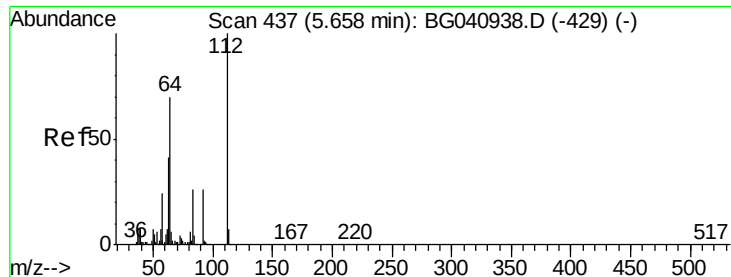


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.596 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

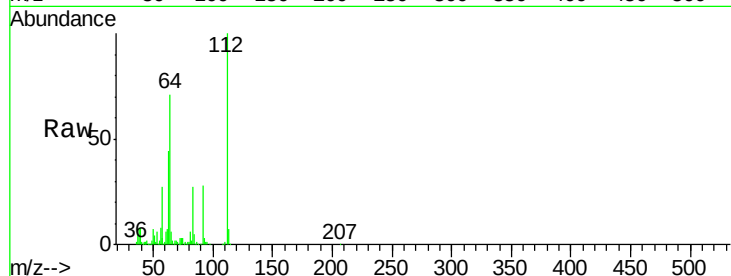
Tgt Ion: 112 Resp: 412599

Ion Ratio Lower Upper

112 100

64 71.1 56.2 84.2

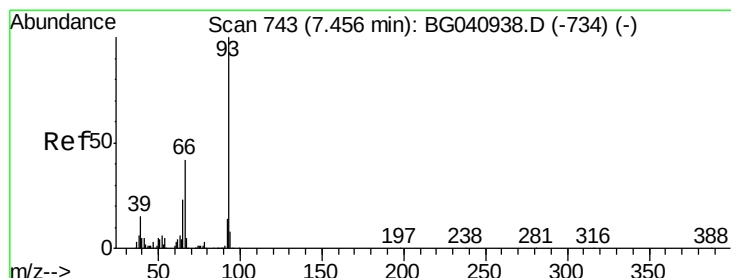
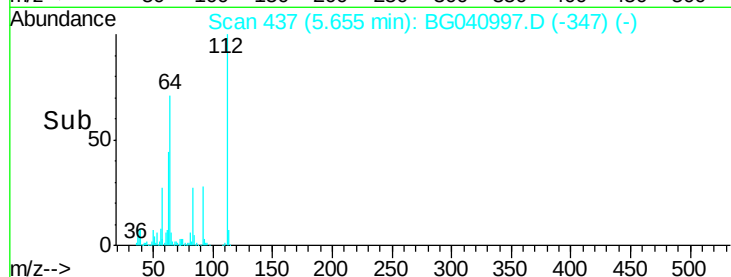
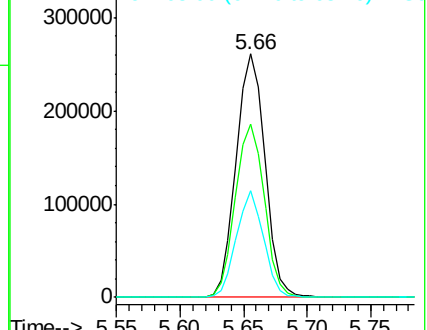
63 43.7 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.578 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

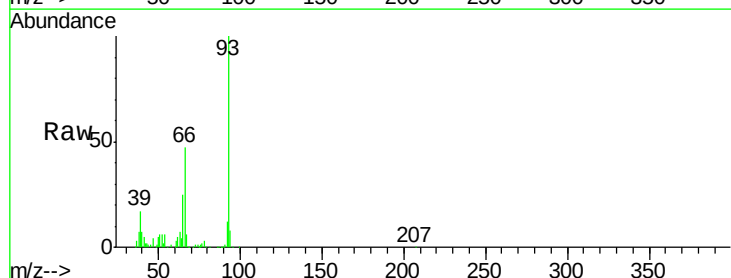
Tgt Ion: 93 Resp: 160074

Ion Ratio Lower Upper

93 100

66 46.8 33.8 50.8

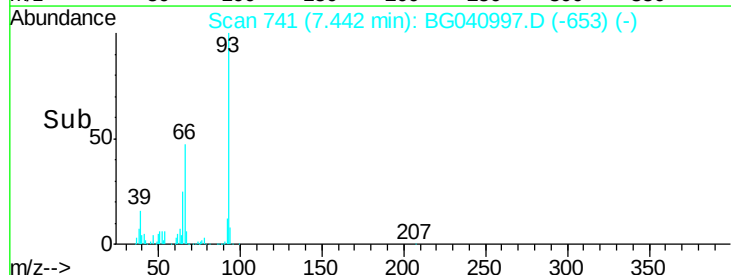
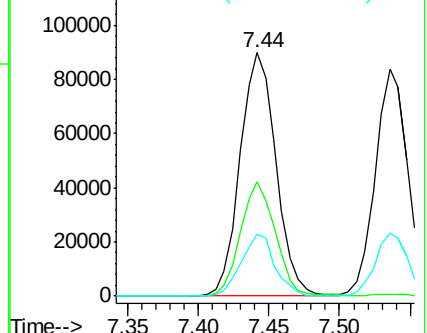
65 25.2 18.3 27.5

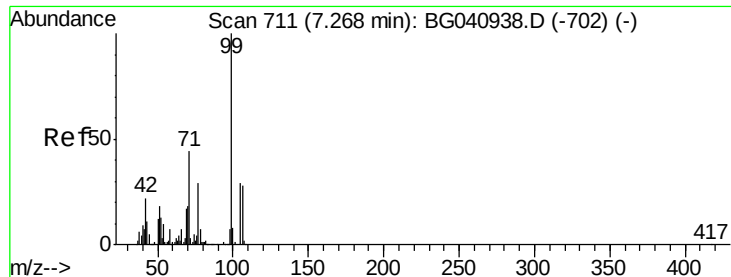


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.678 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

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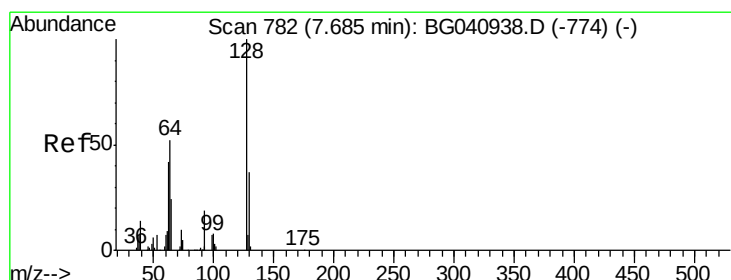
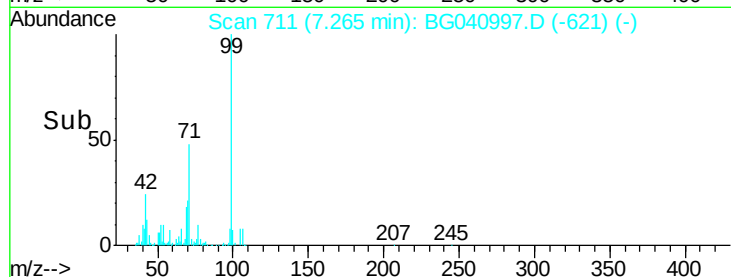
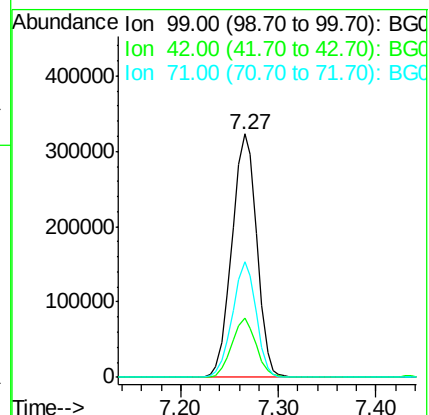
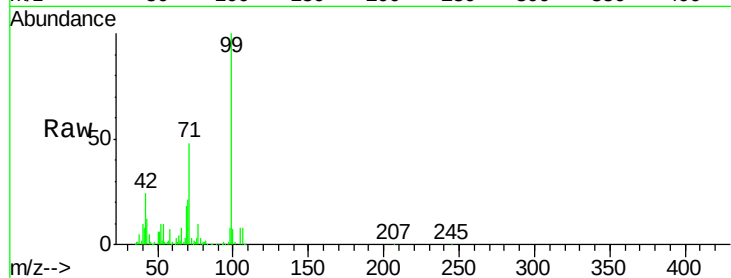
Tgt Ion: 99 Resp: 569308

Ion Ratio Lower Upper

99 100

42 24.2 17.9 26.9

71 47.5 35.4 53.0



#8

2-Chlorophenol

Concen: 38.670 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

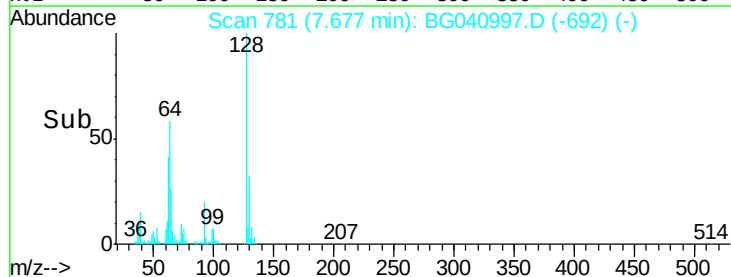
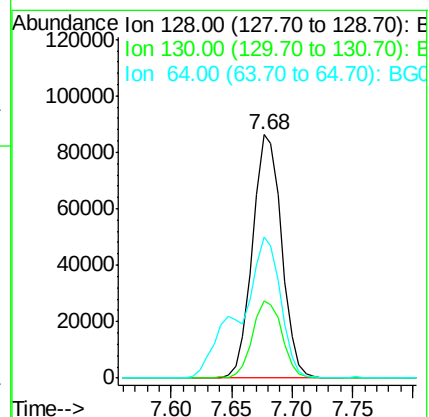
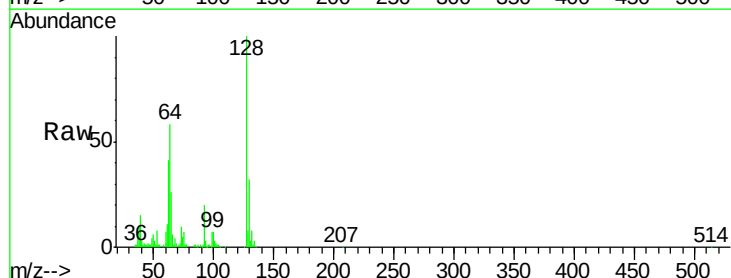
Tgt Ion: 128 Resp: 145651

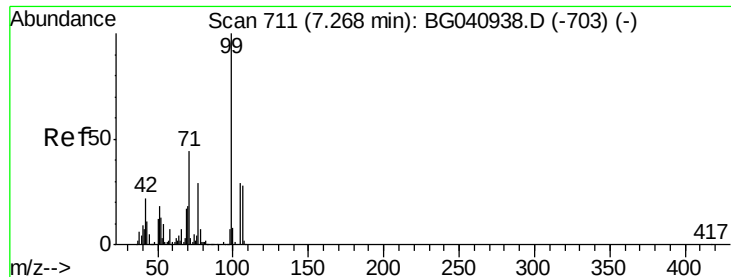
Ion Ratio Lower Upper

128 100

130 31.9 16.6 56.6

64 57.9 37.8 77.8





#9

Benzaldehyde

Concen: 24.683 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

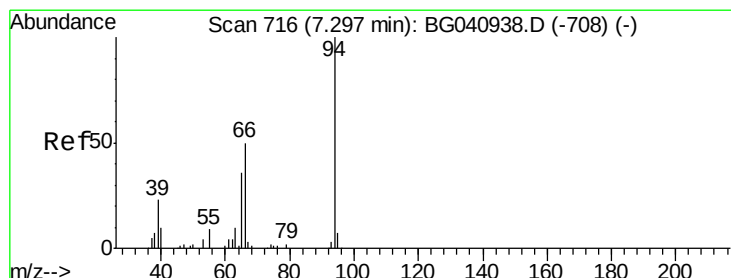
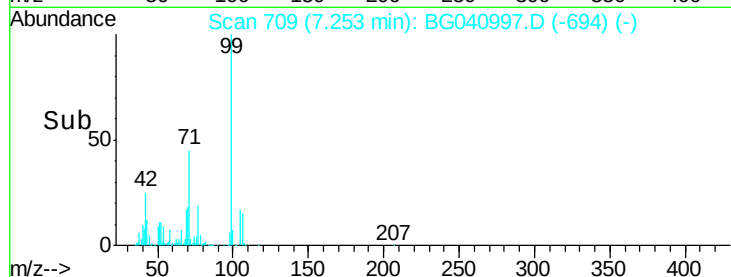
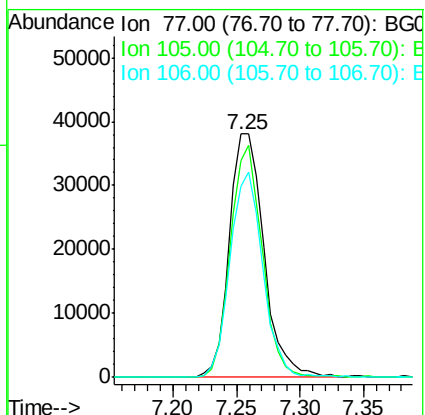
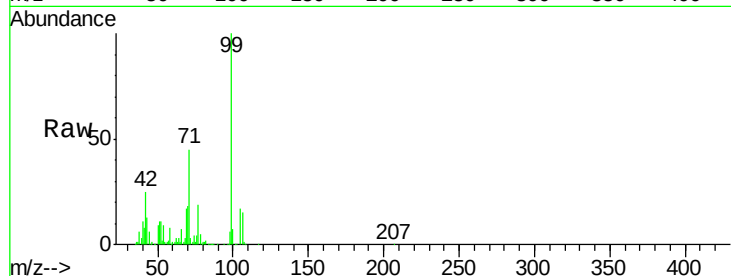
Tgt Ion: 77 Resp: 71845

Ion Ratio Lower Upper

77 100

105 89.1 78.9 118.9

106 78.3 76.7 116.7



#10

Phenol

Concen: 38.136 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

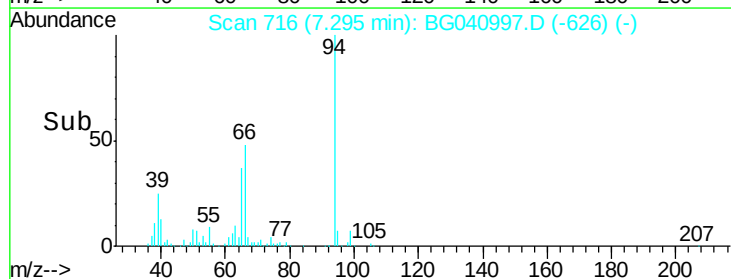
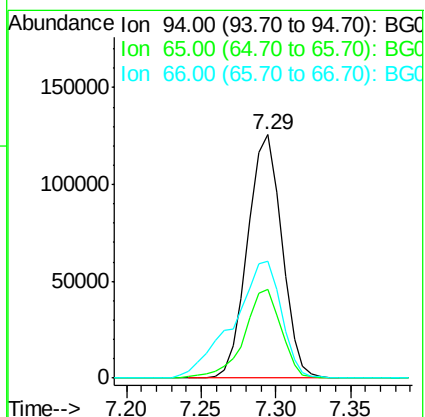
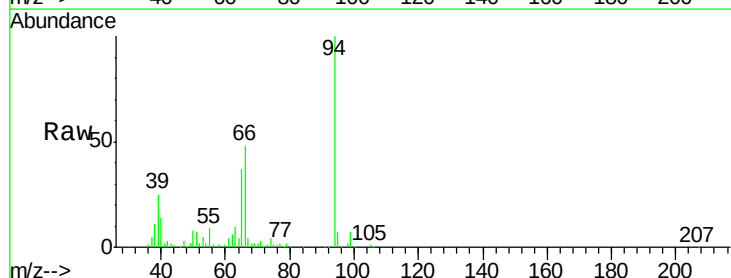
Tgt Ion: 94 Resp: 199515

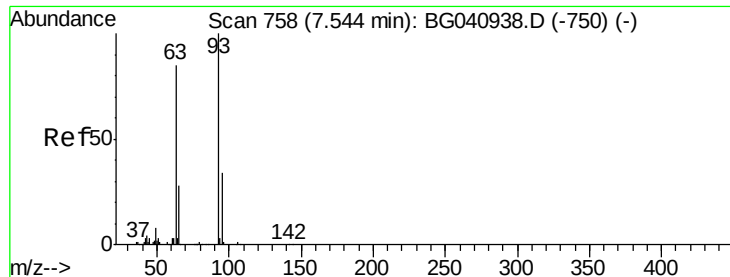
Ion Ratio Lower Upper

94 100

65 36.7 17.0 57.0

66 48.0 32.4 72.4

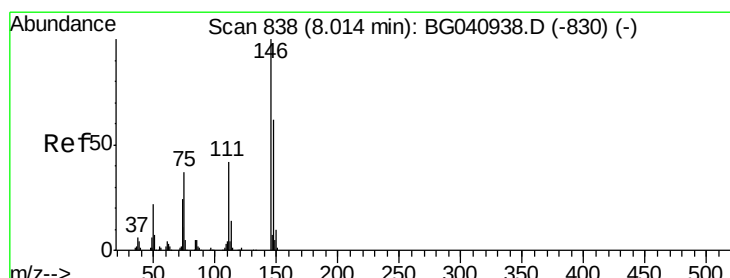
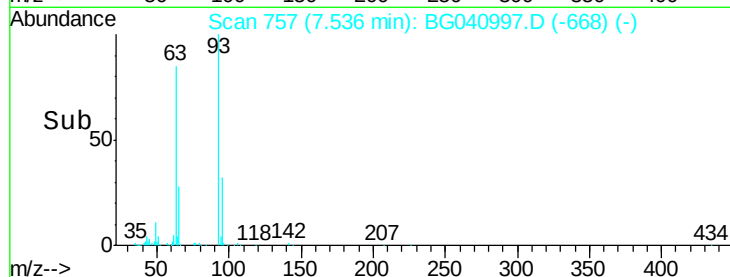
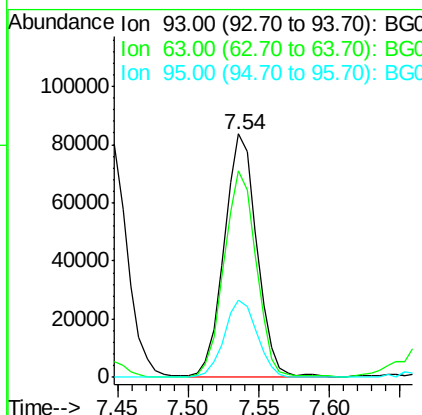
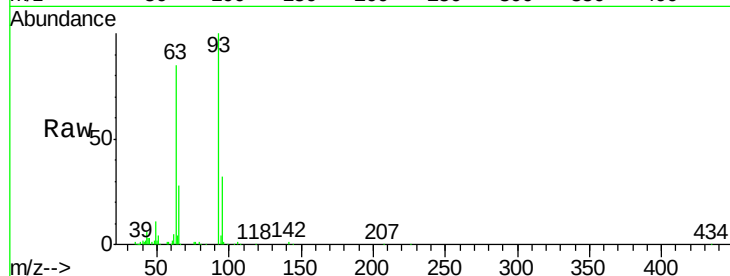




#11
bis(2-Chloroethyl)ether
Concen: 35.295 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

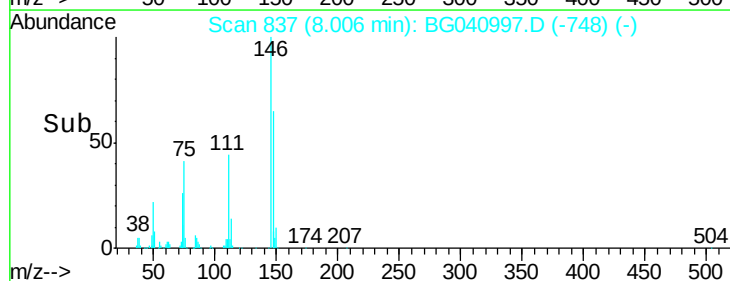
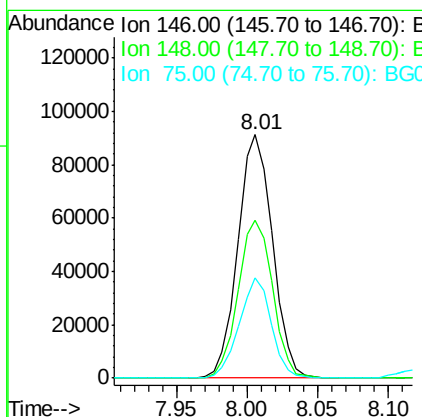
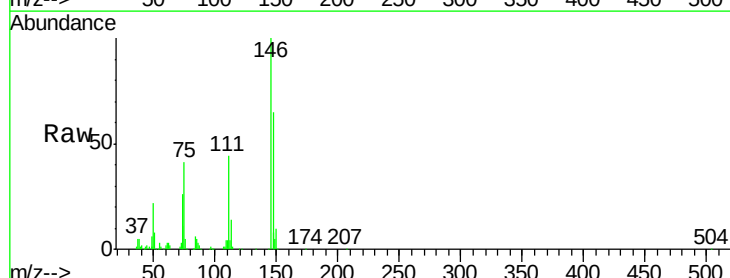
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

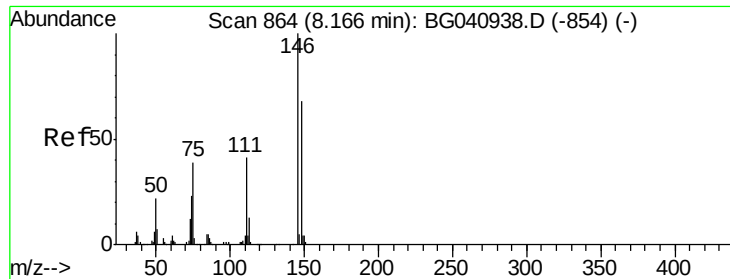
Tgt Ion: 93 Resp: 133952
Ion Ratio Lower Upper
93 100
63 85.0 64.5 104.5
95 31.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 34.837 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion: 146 Resp: 156717
Ion Ratio Lower Upper
146 100
148 65.0 49.2 73.8
75 41.2 29.4 44.0

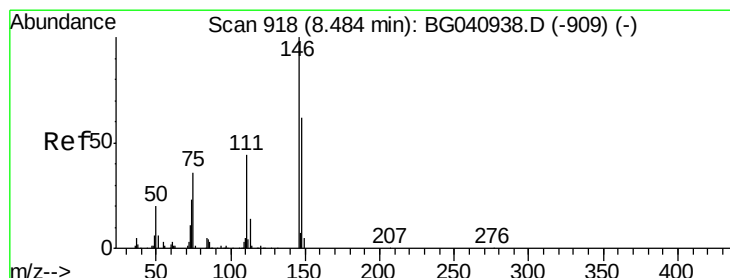
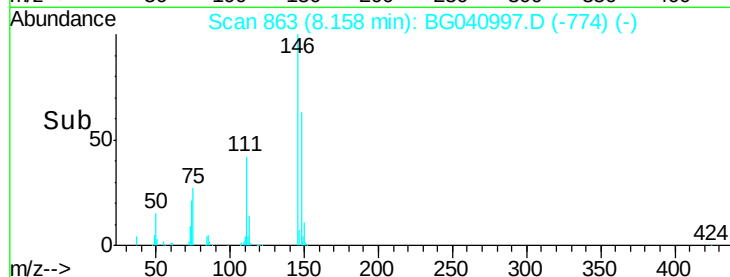
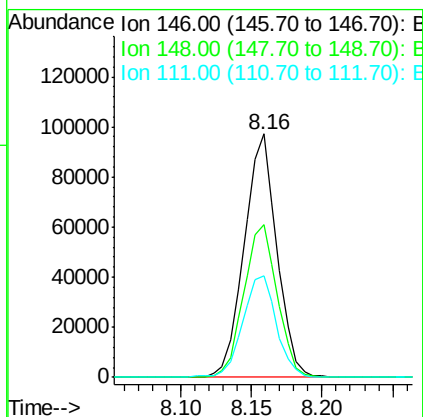
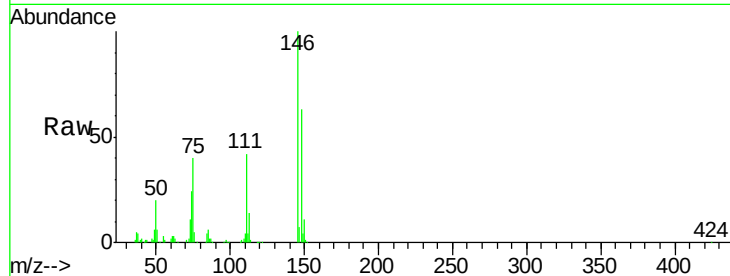




#13
 1,4-Dichlorobenzene
 Concen: 34.449 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

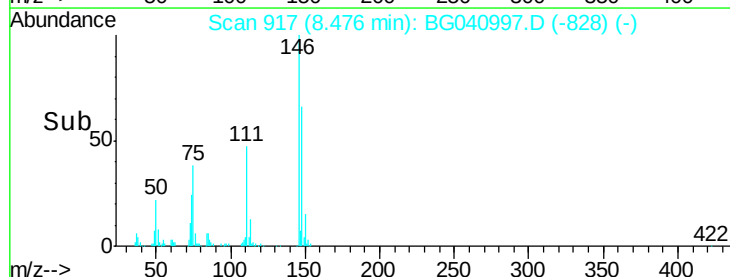
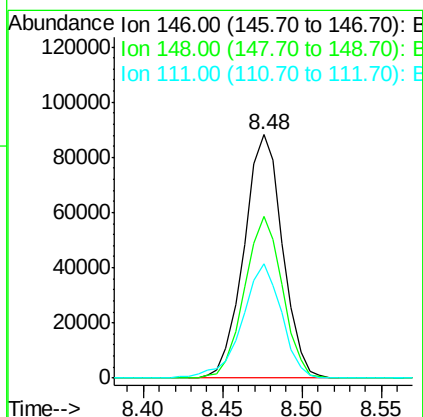
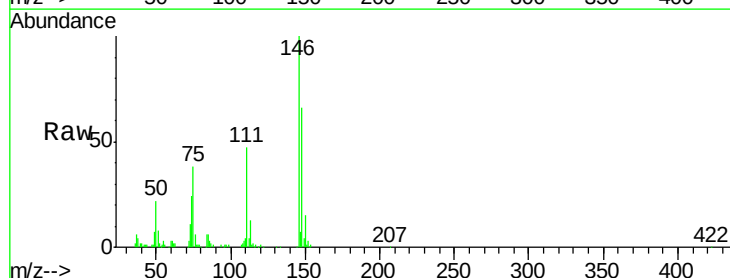
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

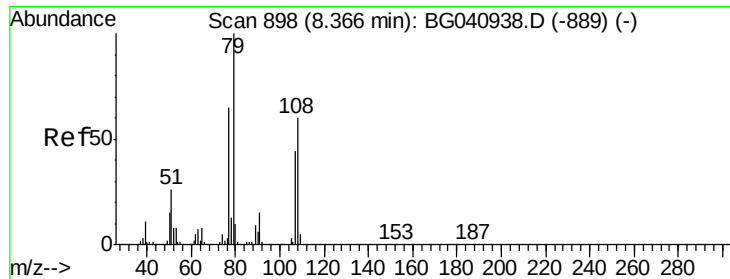
Tgt Ion:146 Resp: 156865
 Ion Ratio Lower Upper
 146 100
 148 62.9 54.2 81.4
 111 41.6 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 33.630 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion:146 Resp: 148687
 Ion Ratio Lower Upper
 146 100
 148 66.2 49.8 74.6
 111 46.7 35.0 52.4

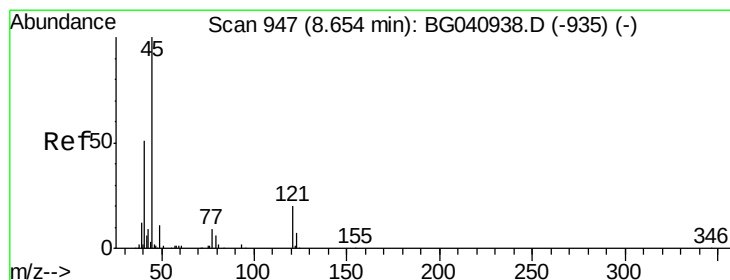
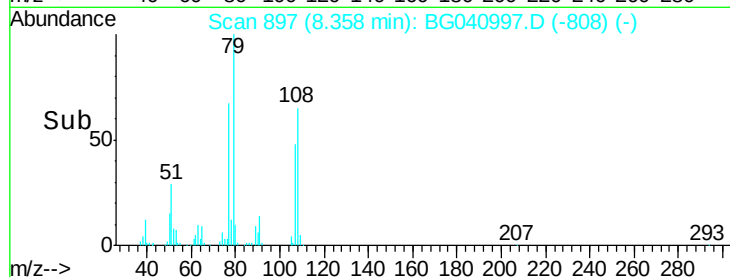
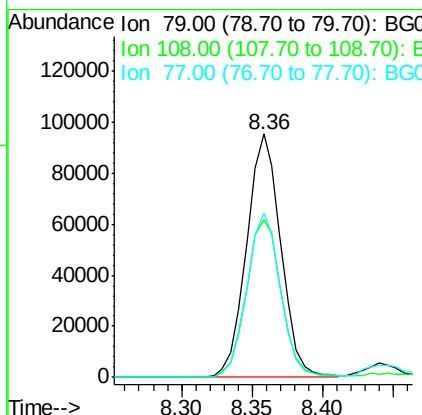
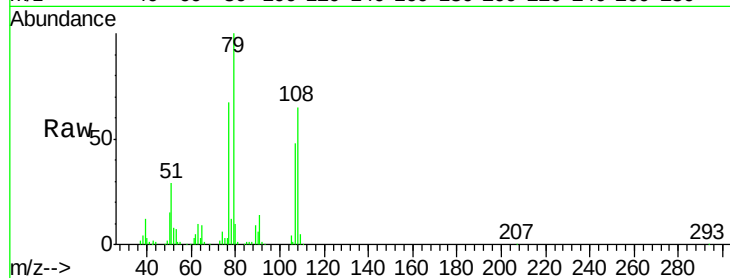




#15
Benzyl Alcohol
Concen: 35.816 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

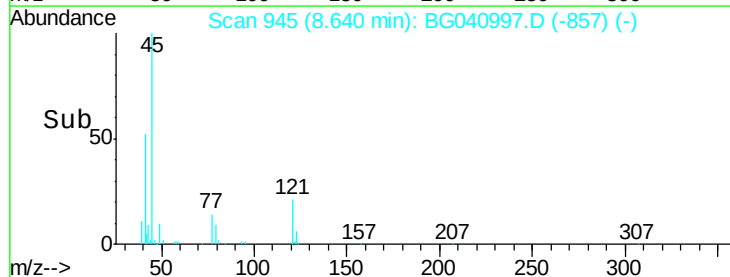
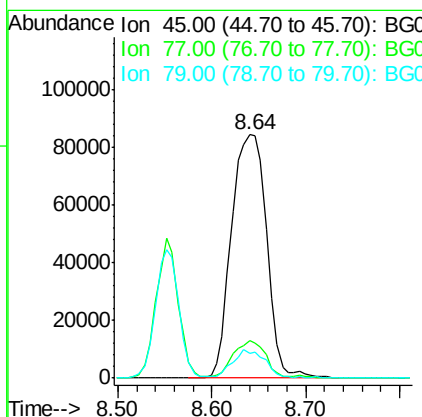
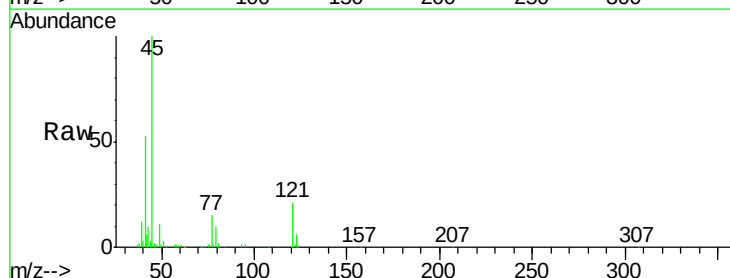
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

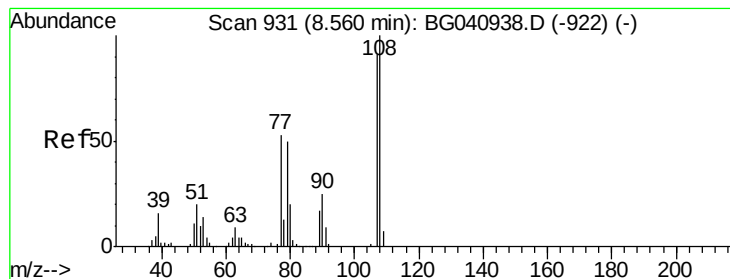
Tgt Ion: 79 Resp: 161659
Ion Ratio Lower Upper
79 100
108 64.7 48.3 72.5
77 67.4 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.233 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion: 45 Resp: 218502
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.7
79 10.3 0.0 30.2





#17

2-Methylphenol

Concen: 35.838 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

Tgt Ion:107 Resp: 135753

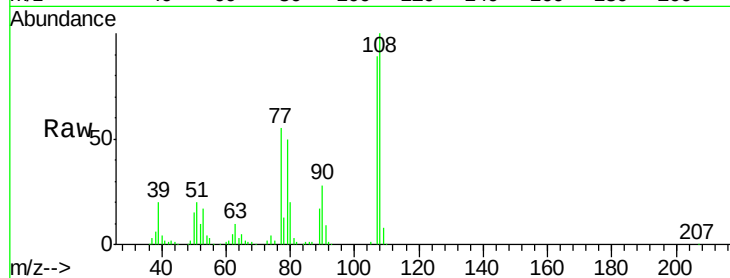
Ion Ratio Lower Upper

107 100

108 112.7 87.7 131.5

77 61.6 46.6 70.0

79 56.6 44.6 66.8

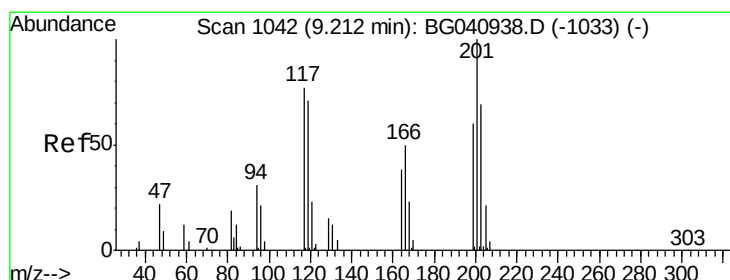
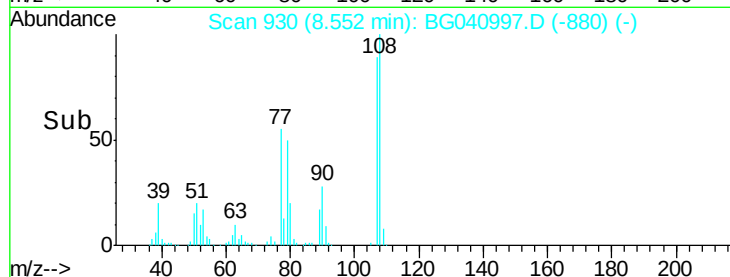
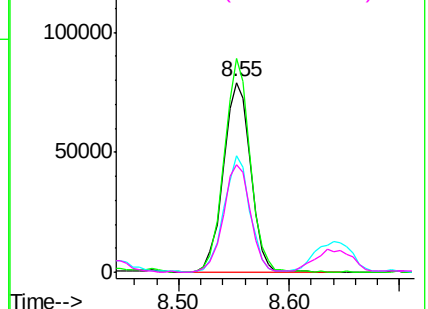


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.534 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

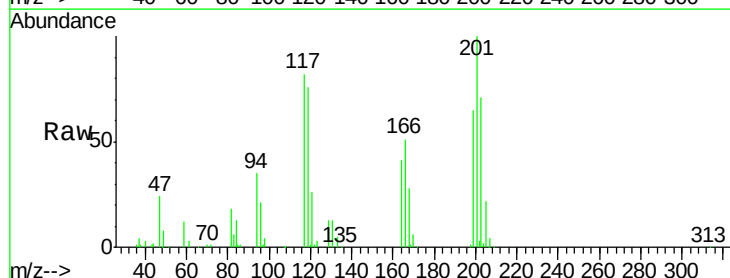
Tgt Ion:117 Resp: 62364

Ion Ratio Lower Upper

117 100

119 93.2 75.0 112.6

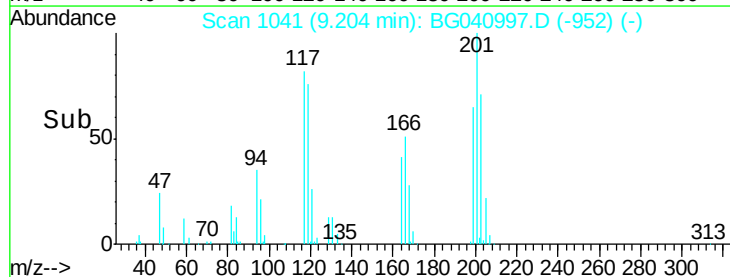
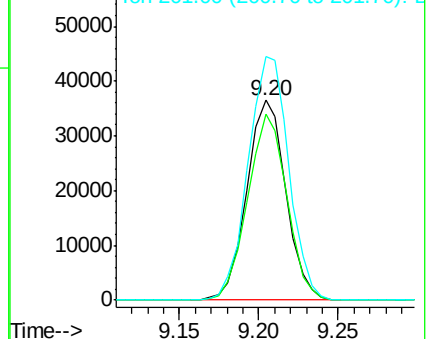
201 122.0 103.5 155.3

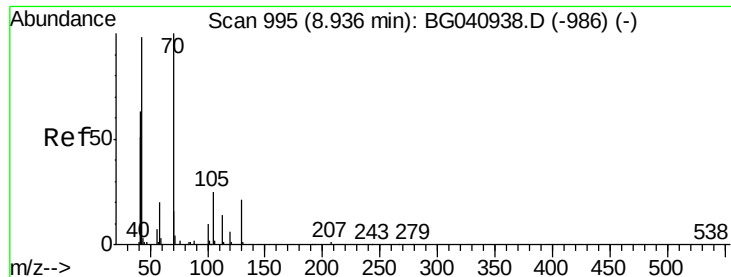


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

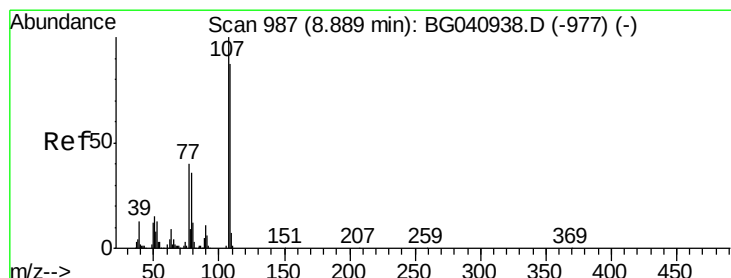
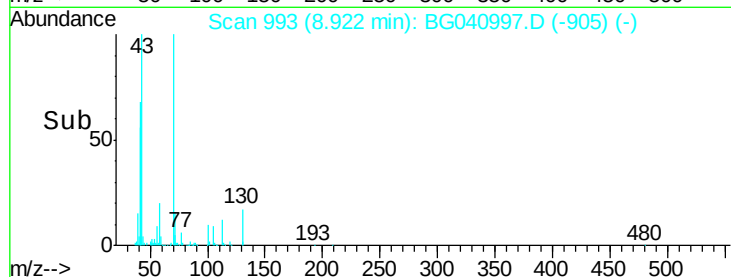
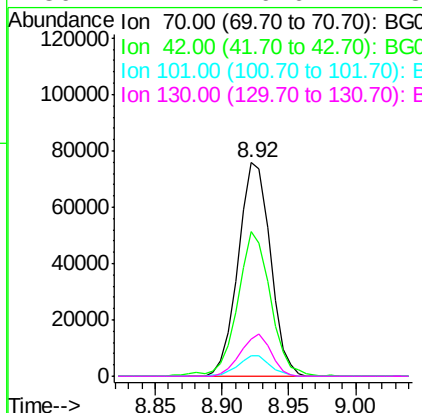
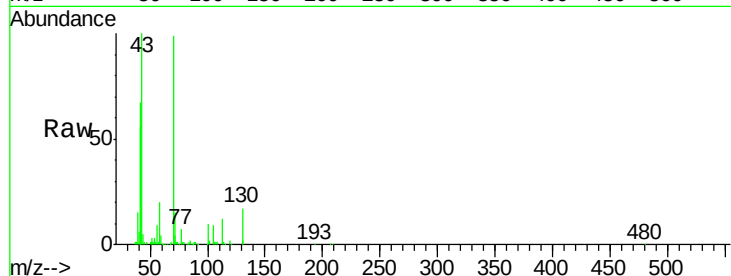




#19
n-Nitroso-di-n-propylamine
Concen: 33.659 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

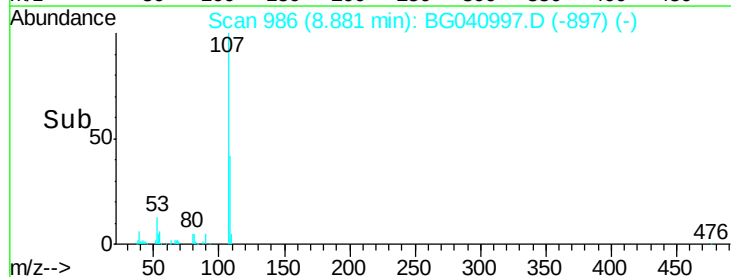
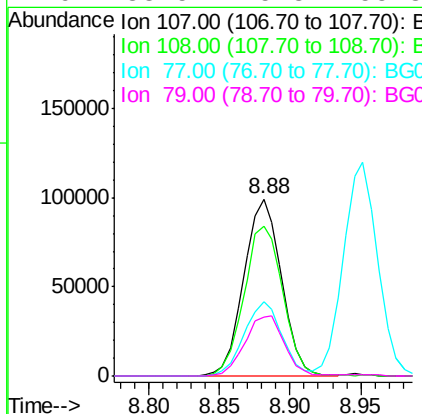
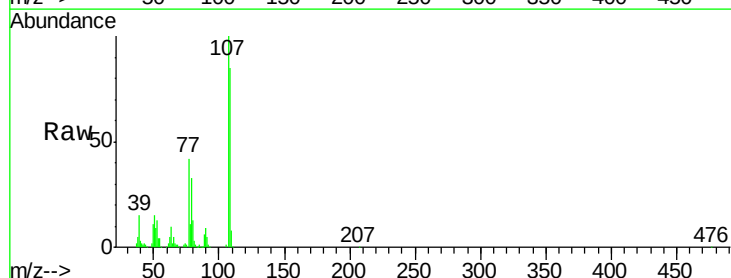
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

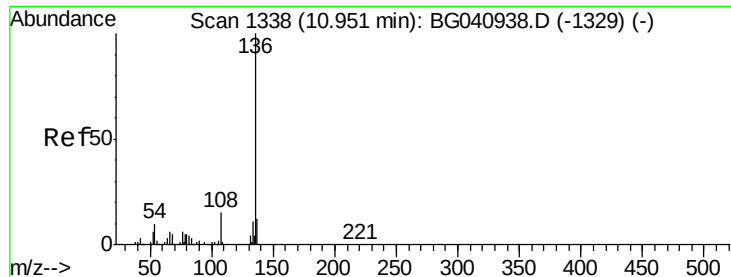
Tgt Ion:	70	Resp:	126387
Ion	Ratio	Lower	Upper
70	100		
42	67.8	51.5	77.3
101	9.8	8.1	12.1
130	17.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 35.177 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:	107	Resp:	184575
Ion	Ratio	Lower	Upper
107	100		
108	85.1	66.8	106.8
77	41.9	20.5	60.5
79	33.5	15.8	55.8

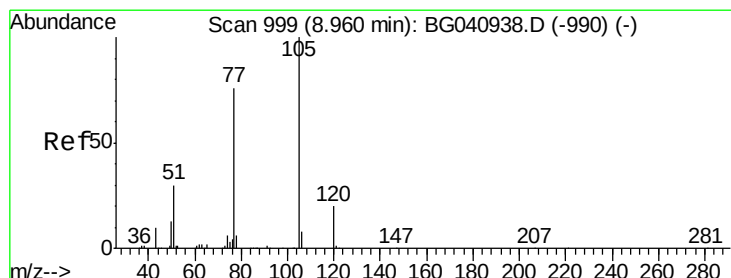
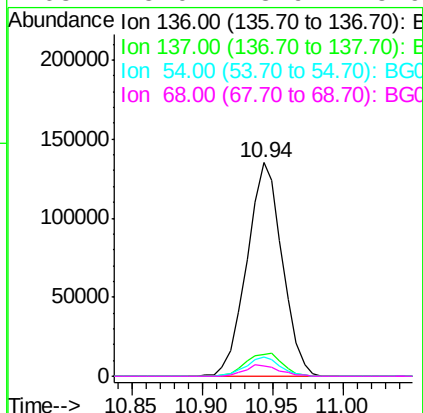
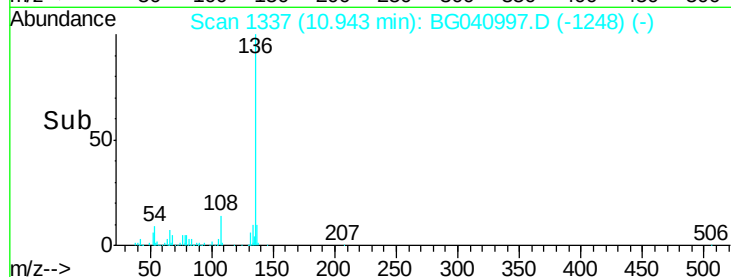
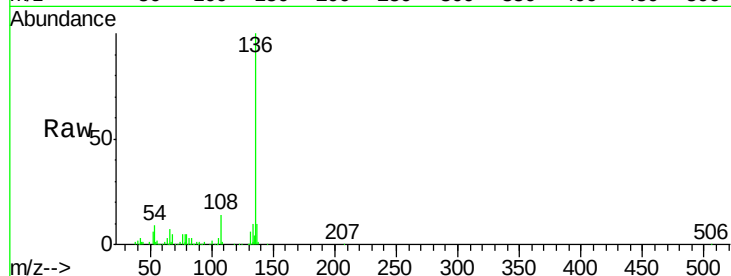




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

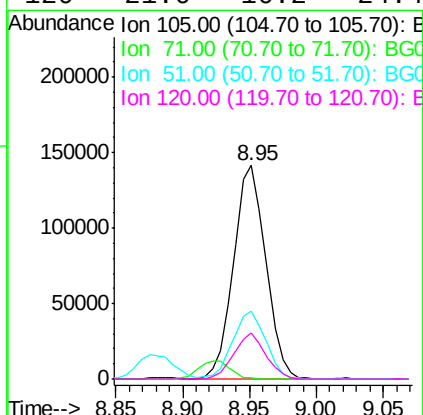
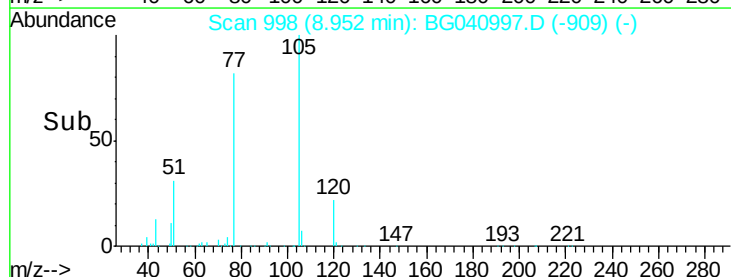
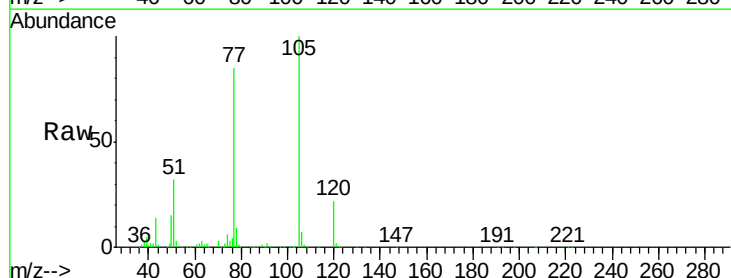
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

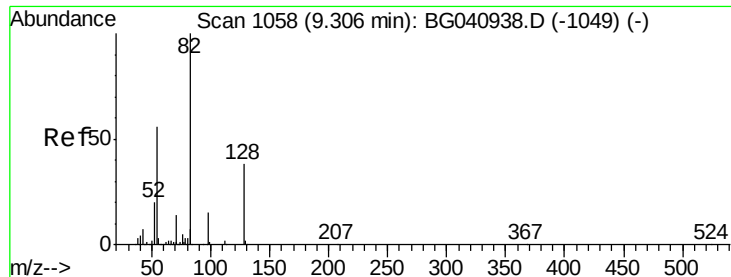
Tgt Ion:	136	Resp:	237144
Ion Ratio		Lower	Upper
136	100		
137	10.1	9.5	14.3
54	8.9	7.6	11.4
68	5.0	3.9	5.9



#22
Acetophenone
Concen: 35.530 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:	105	Resp:	236353
Ion Ratio		Lower	Upper
105	100		
71	0.4	0.4	0.6#
51	31.6	27.0	40.6
120	21.6	16.2	24.4

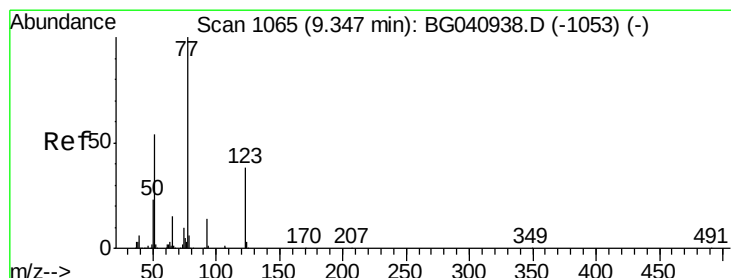
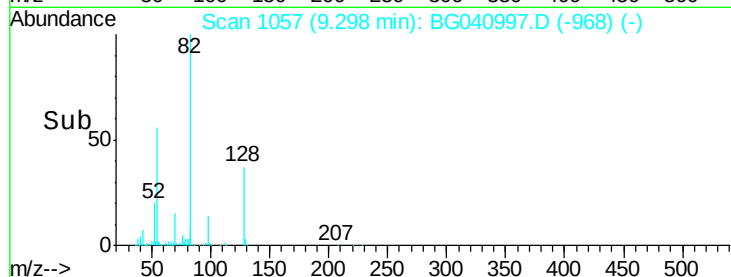
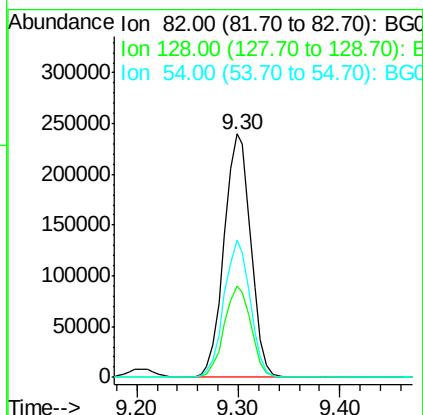
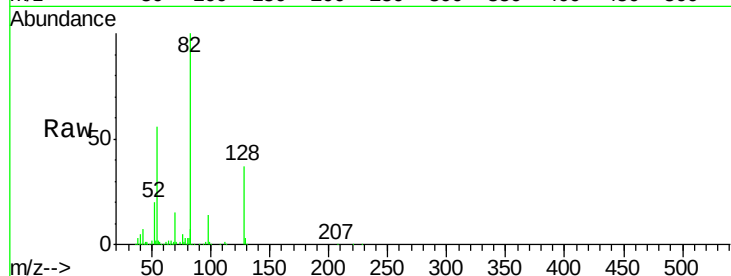




#23
 Nitrobenzene-d5
 Concen: 81.652 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

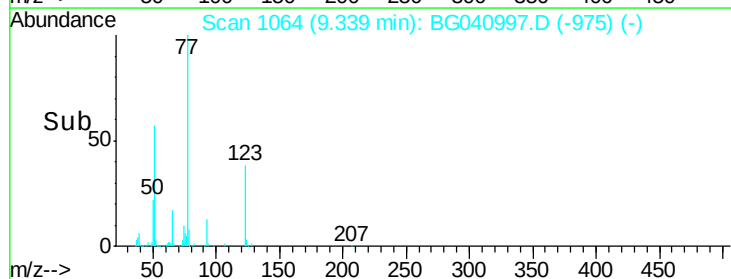
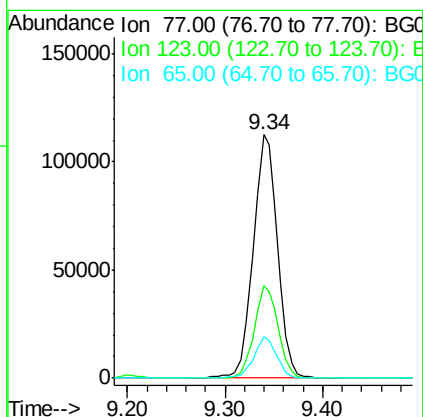
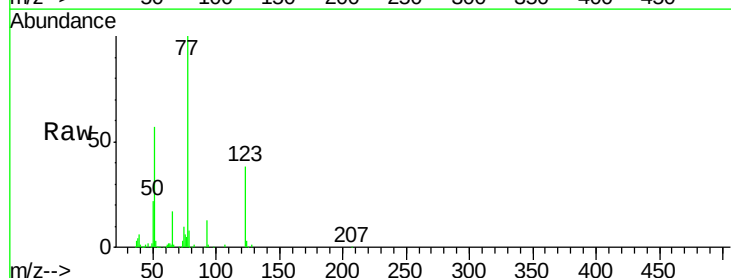
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

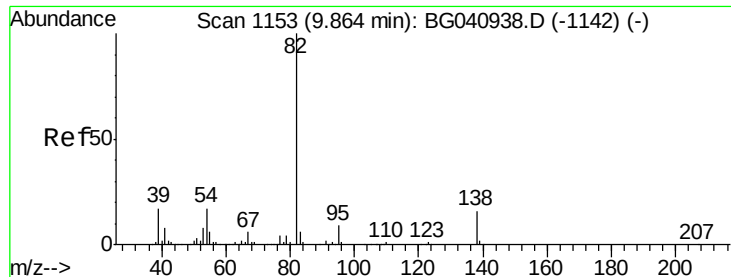
Tgt Ion: 82 Resp: 436174
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.5 45.7
 54 56.3 44.6 66.8



#24
 Nitrobenzene
 Concen: 36.109 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion: 77 Resp: 196571
 Ion Ratio Lower Upper
 77 100
 123 38.2 30.6 46.0
 65 16.9 12.3 18.5





#25

Isophorone

Concen: 34.980 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

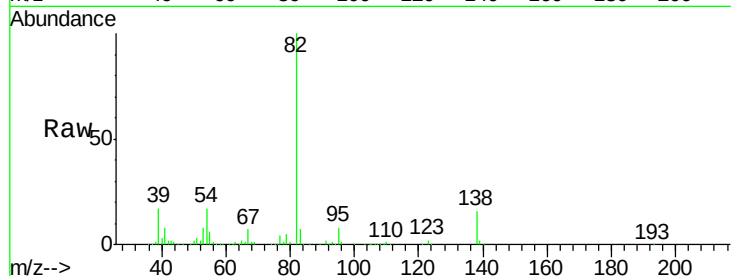
Tgt Ion: 82 Resp: 355609

Ion Ratio Lower Upper

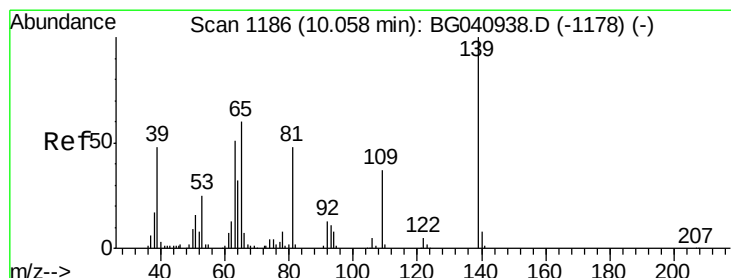
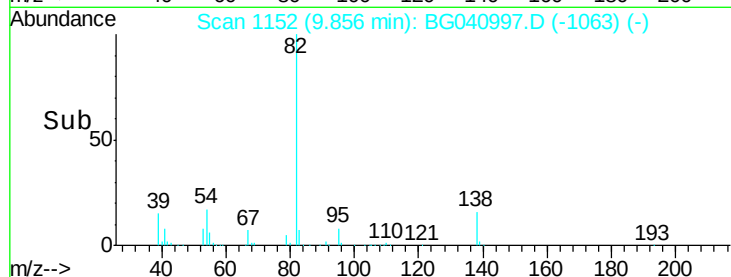
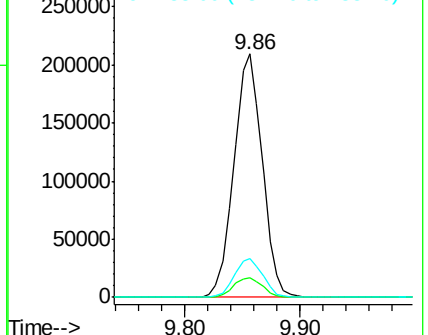
82 100

95 7.9 7.0 10.4

138 15.9 12.6 19.0



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: 37.847 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

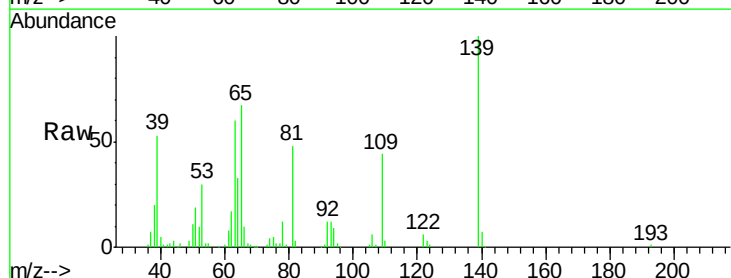
Tgt Ion: 139 Resp: 84937

Ion Ratio Lower Upper

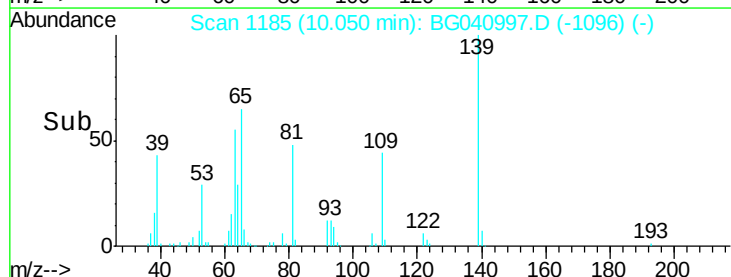
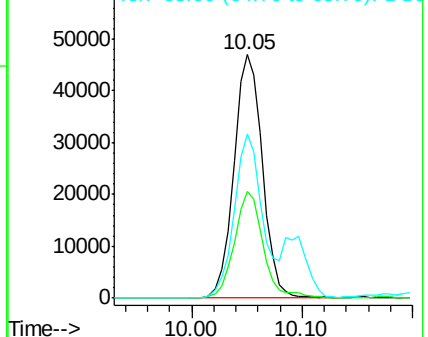
139 100

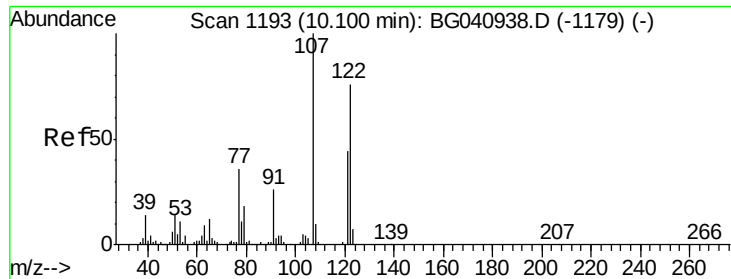
109 43.9 29.8 44.6

65 67.3 47.8 71.6



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

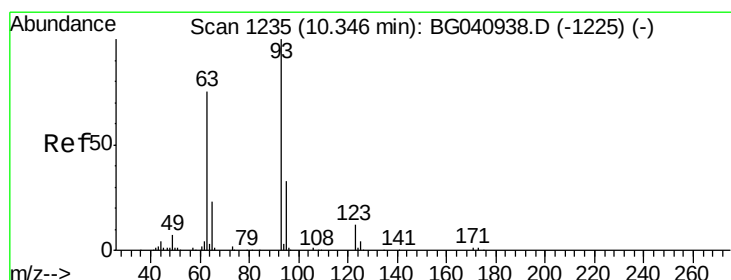
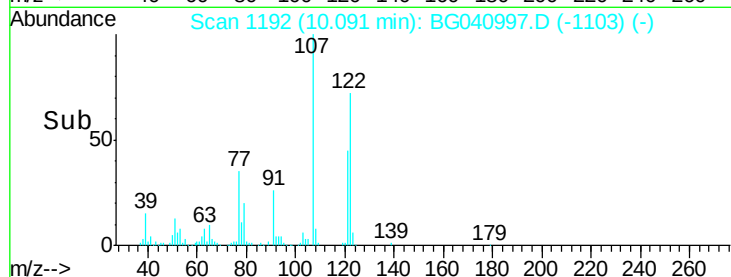
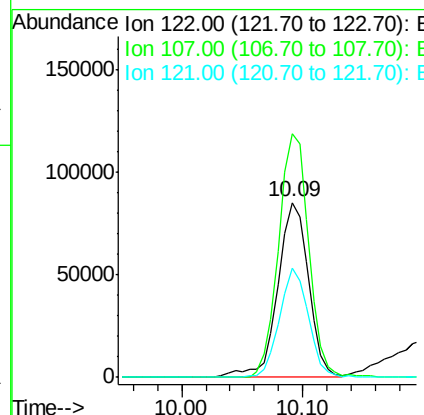
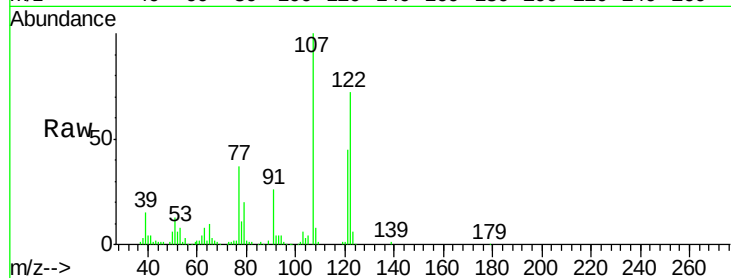




#27
 2,4-Dimethylphenol
 Concen: 40.458 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

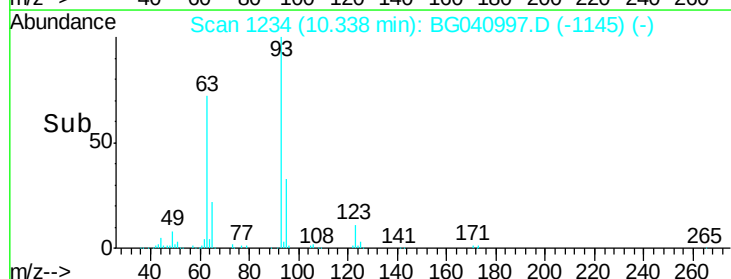
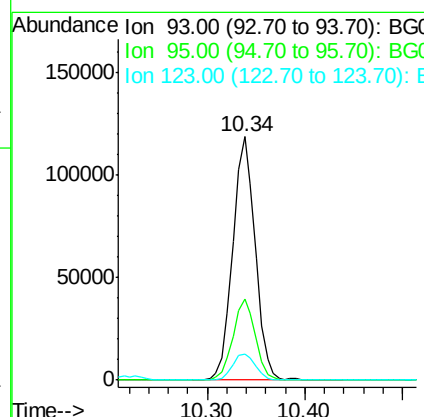
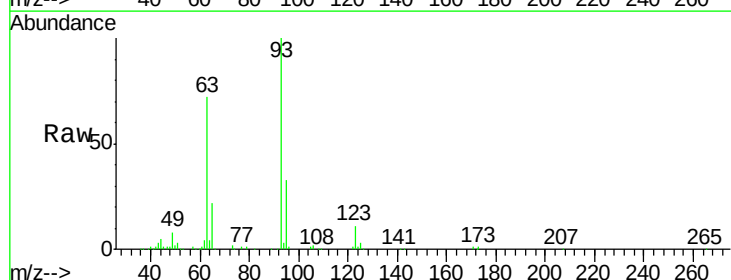
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

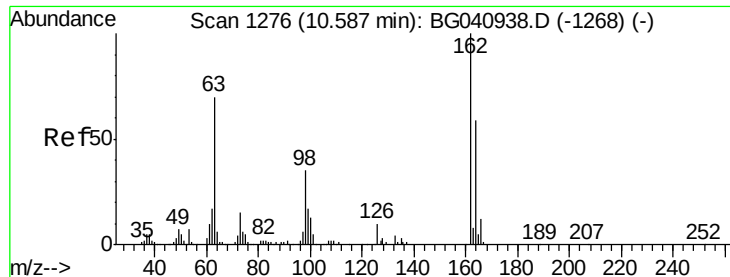
Tgt Ion: 122 Resp: 149957
 Ion Ratio Lower Upper
 122 100
 107 139.3 105.9 158.9
 121 62.7 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.482 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion: 93 Resp: 189196
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.2
 123 10.8 9.5 14.3

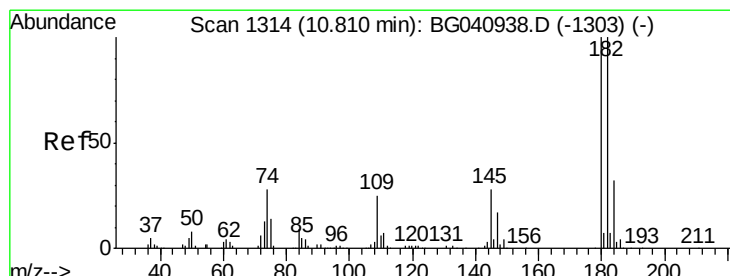
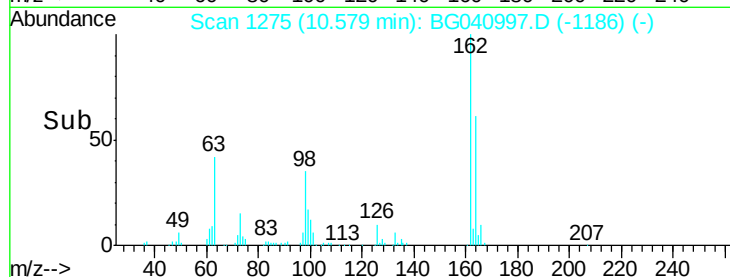
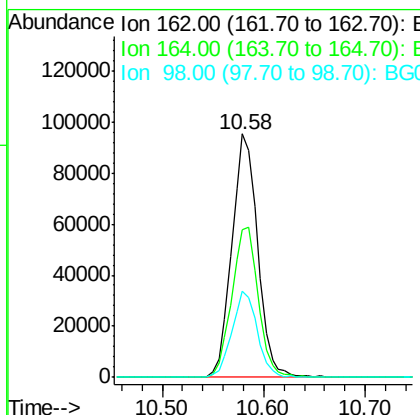
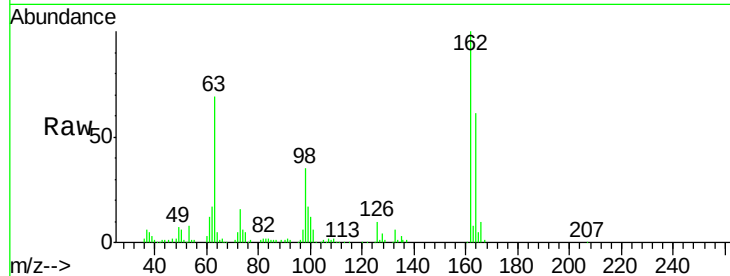




#29
2,4-Dichlorophenol
Concen: 35.677 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

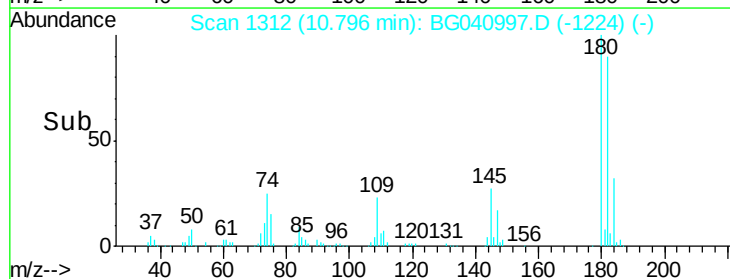
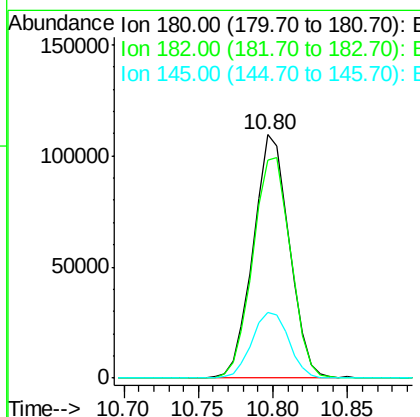
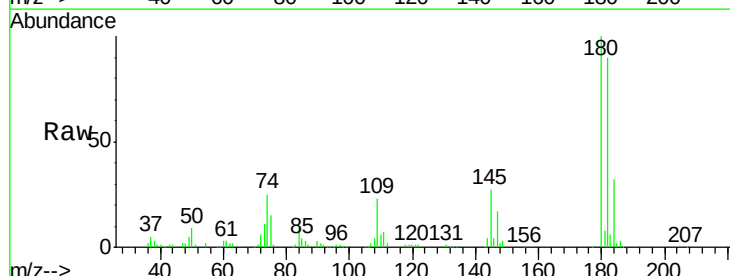
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

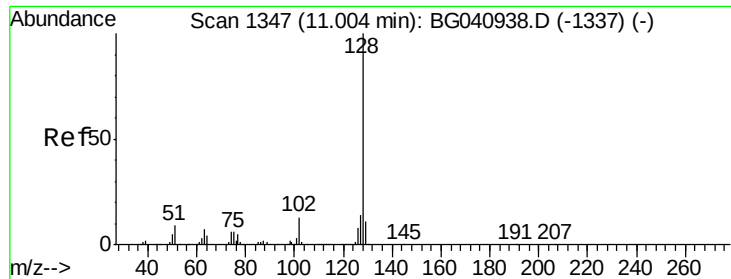
Tgt Ion:162 Resp: 167924
Ion Ratio Lower Upper
162 100
164 60.8 39.4 79.4
98 35.5 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 34.188 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:180 Resp: 183054
Ion Ratio Lower Upper
180 100
182 89.6 79.7 119.5
145 26.8 22.6 34.0

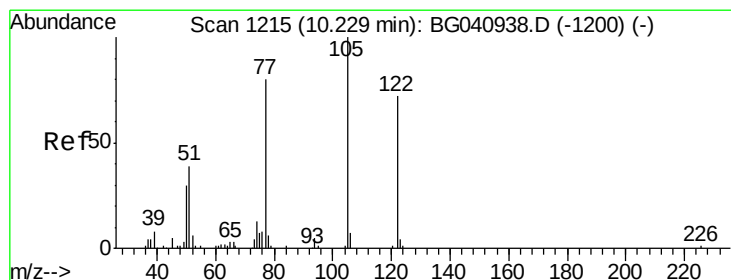
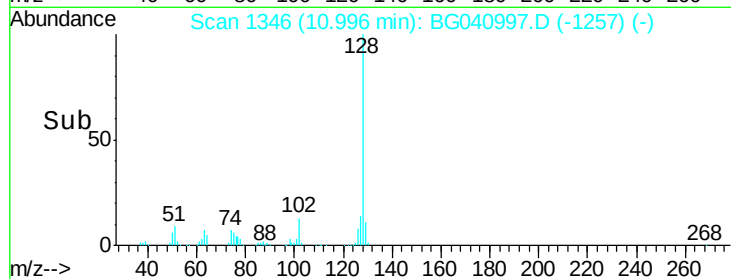
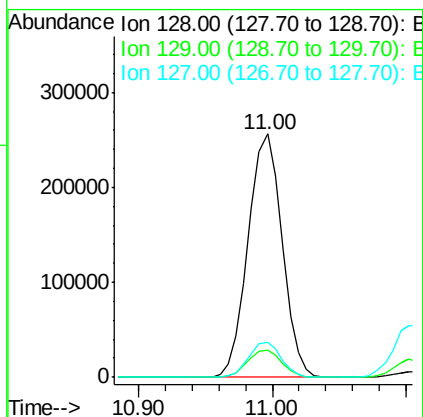
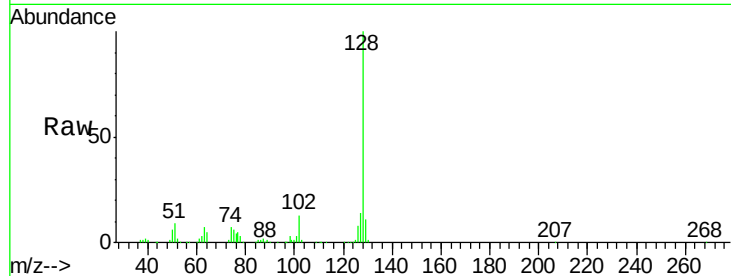




#31
Naphthalene
Concen: 35.416 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

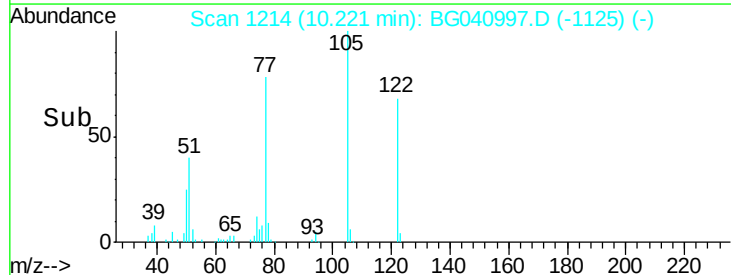
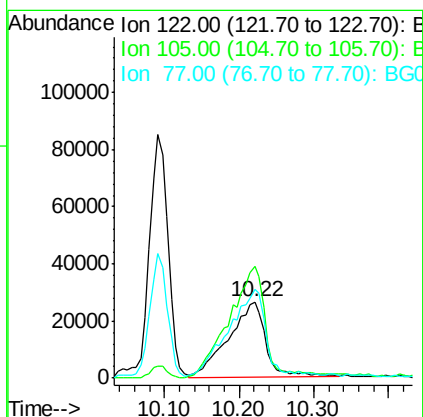
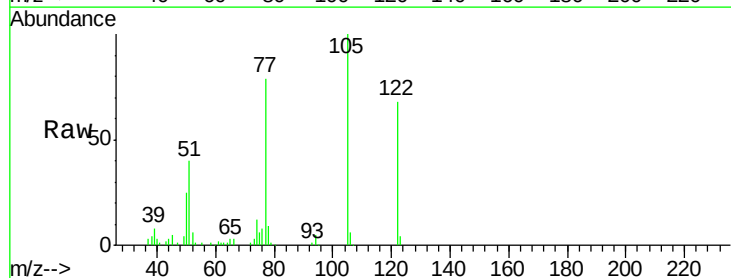
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

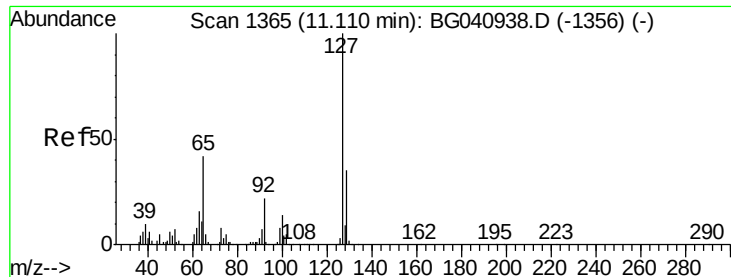
Tgt Ion:128 Resp: 450938
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.2 11.4 17.2



#32
Benzoic acid
Concen: 33.856 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:122 Resp: 89260
Ion Ratio Lower Upper
122 100
105 146.9 114.8 154.8
77 115.5 89.9 129.9

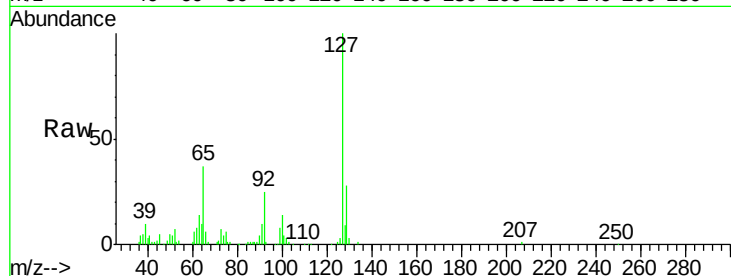




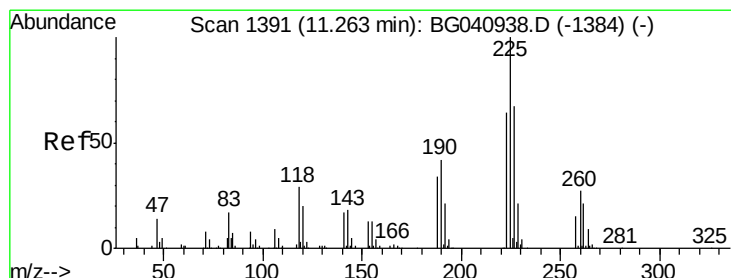
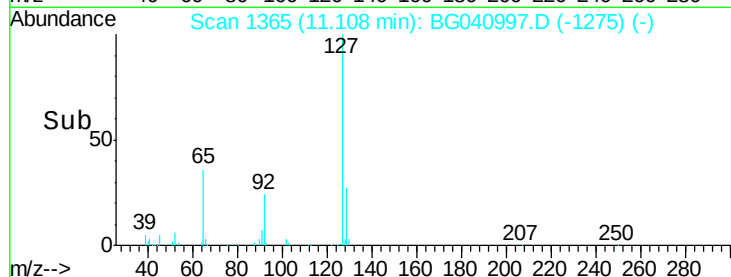
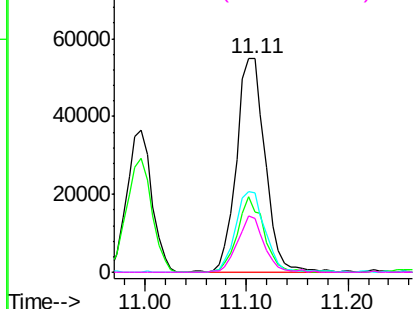
#33
4-Chloroaniline
Concen: 18.305 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
PB120082BSD

Tgt Ion:	127	Resp:	108140
Ion	Ratio	Lower	Upper
127	100		
129	28.1	27.7	41.5
65	37.0	33.2	49.8
92	24.9	17.2	25.8

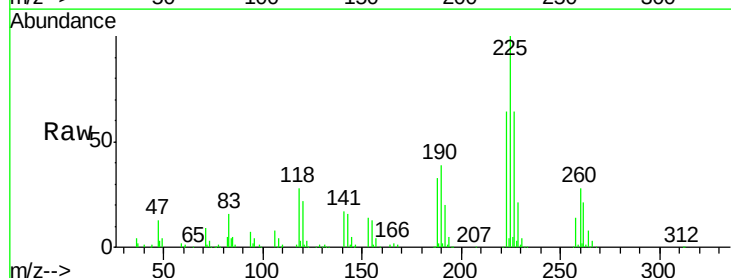


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

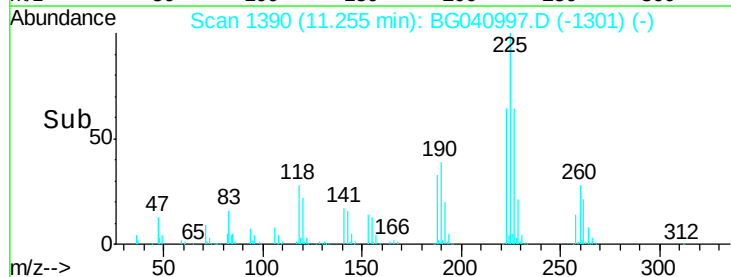
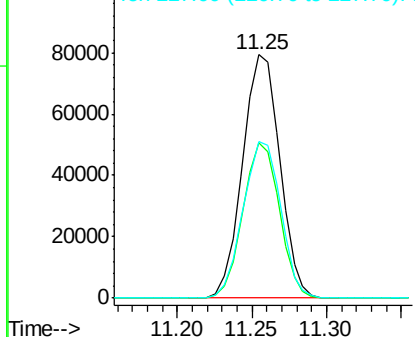


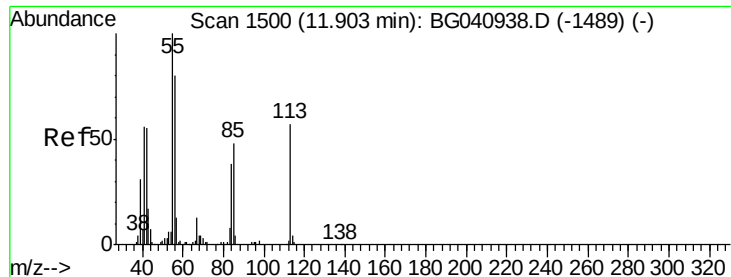
#34
Hexachlorobutadiene
Concen: 33.462 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:	225	Resp:	137091
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	64.5	51.4	77.0



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: 34.190 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

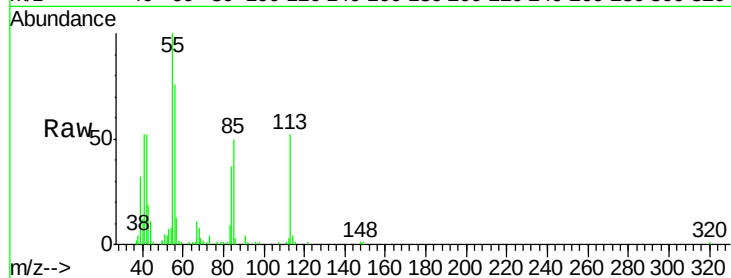
Tgt Ion:113 Resp: 53141

Ion Ratio Lower Upper

113 100

55 191.5 155.9 195.9

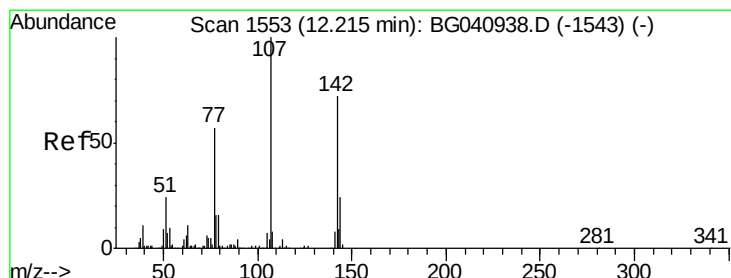
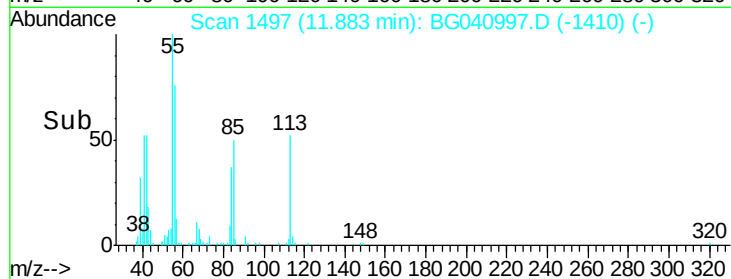
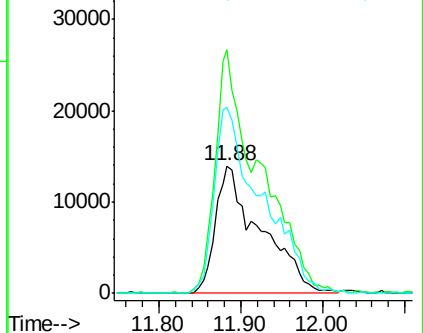
56 146.1 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 34.818 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

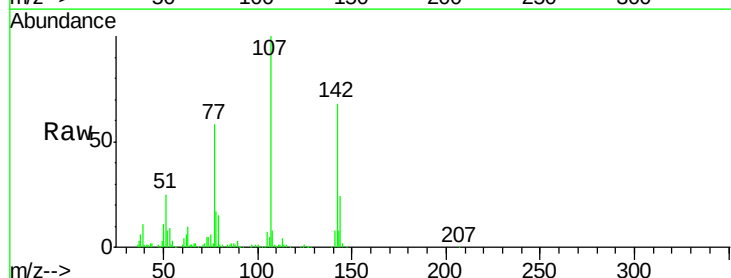
Tgt Ion:107 Resp: 187161

Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.0

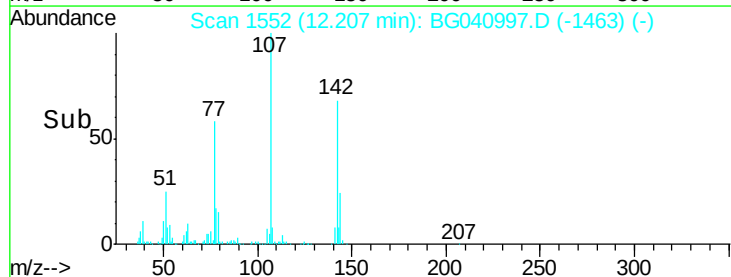
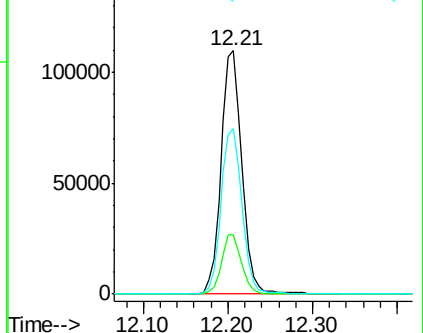
142 68.1 57.3 85.9

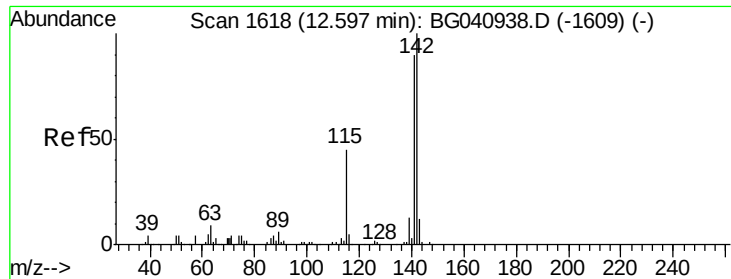


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

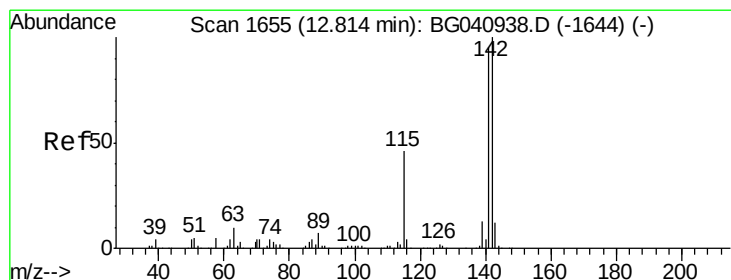
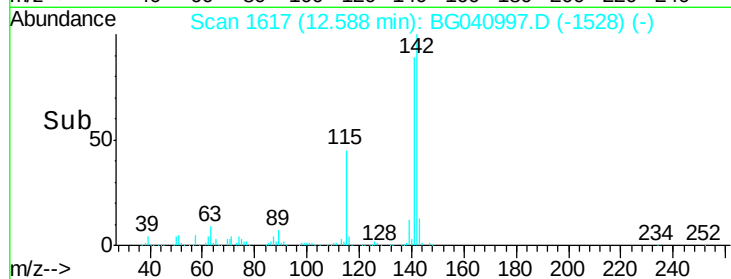
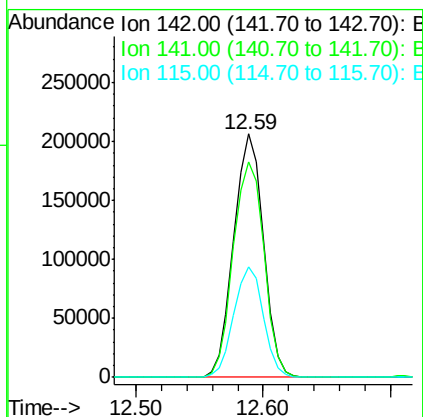
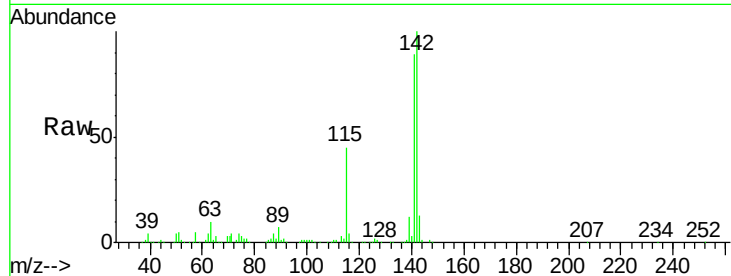




#37
2-Methylnaphthalene
Concen: 34.053 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

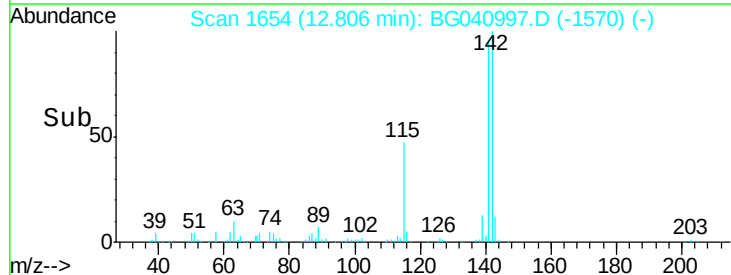
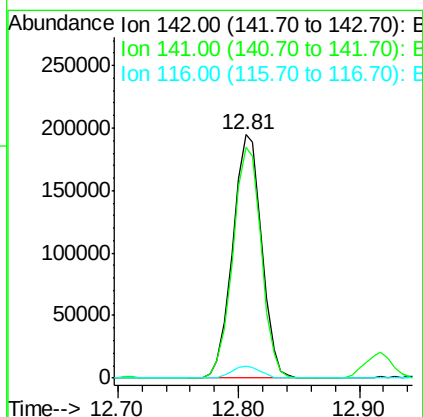
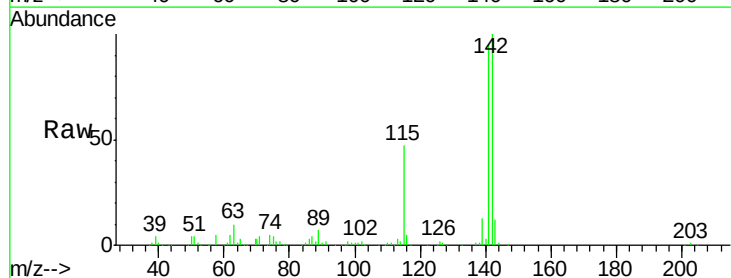
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

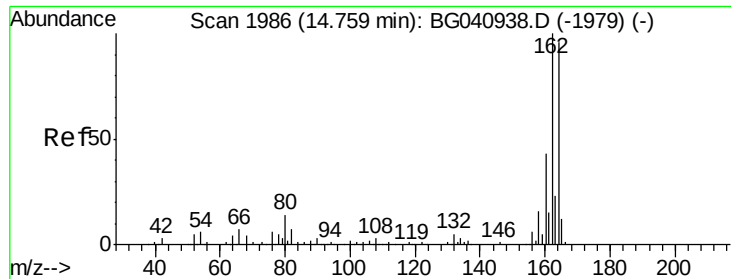
Tgt Ion:142 Resp: 333937
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.4
115 45.3 36.2 54.4



#38
1-Methylnaphthalene
Concen: 35.178 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:142 Resp: 325079
Ion Ratio Lower Upper
142 100
141 94.7 75.7 113.5
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

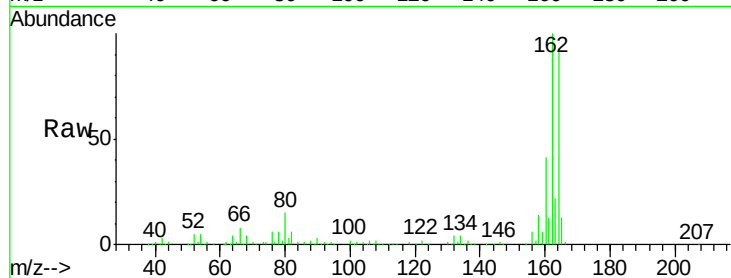
Tgt Ion:164 Resp: 170878

Ion Ratio Lower Upper

164 100

162 107.1 83.0 124.4

160 44.2 35.6 53.4

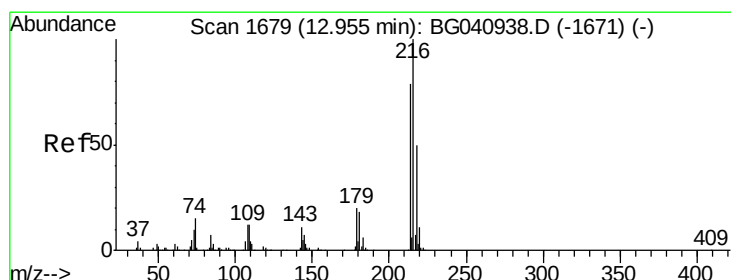
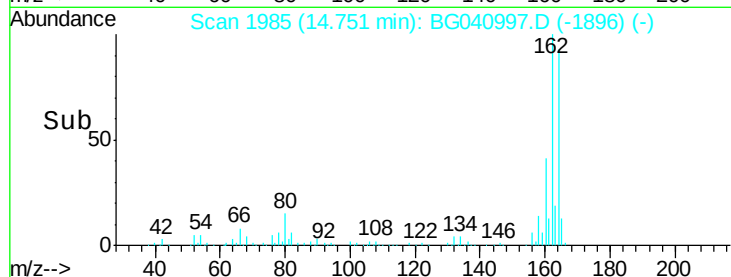
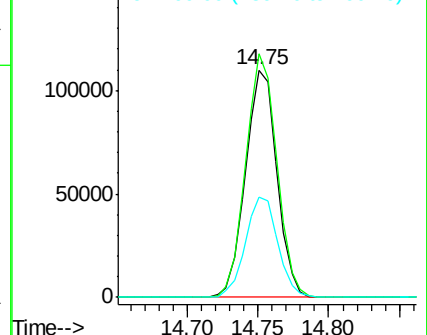


Abundance

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: 35.779 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Tgt Ion:216 Resp: 246421

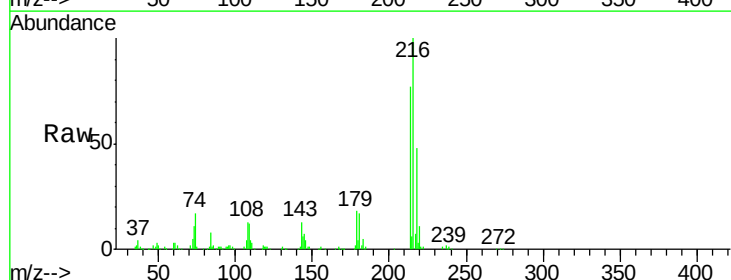
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 18.8 15.2 22.8

108 17.3 11.4 17.2#



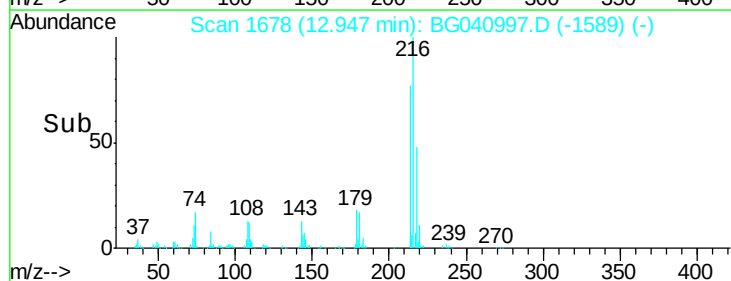
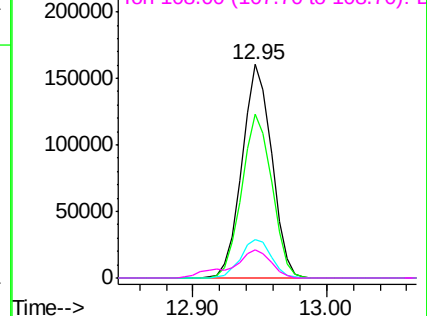
Abundance

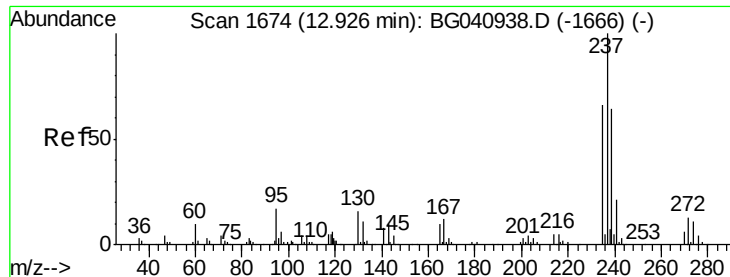
Ion 216.00 (215.70 to 216.70): E

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: 87.352 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

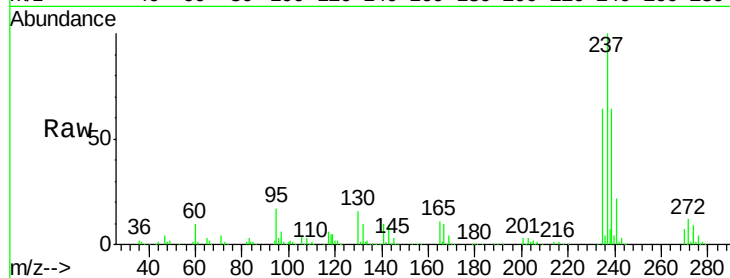
Tgt Ion: 237 Resp: 326524

Ion Ratio Lower Upper

237 100

235 63.8 45.5 85.5

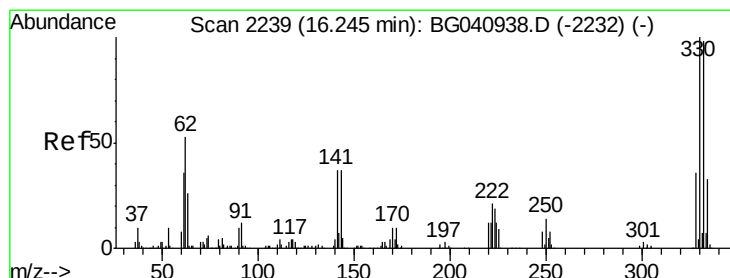
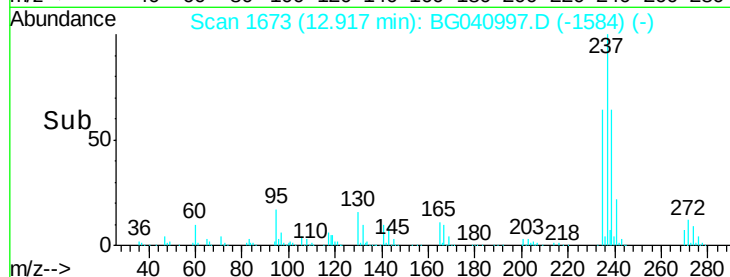
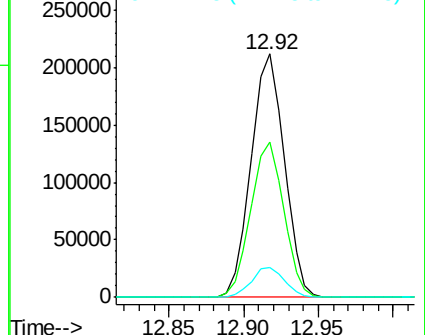
272 12.4 0.0 32.9



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: 117.034 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

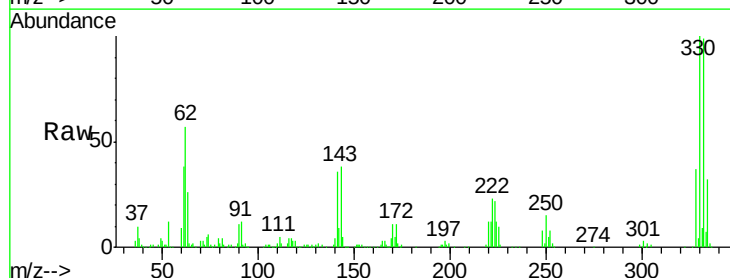
Tgt Ion: 330 Resp: 296893

Ion Ratio Lower Upper

330 100

332 98.5 78.5 117.7

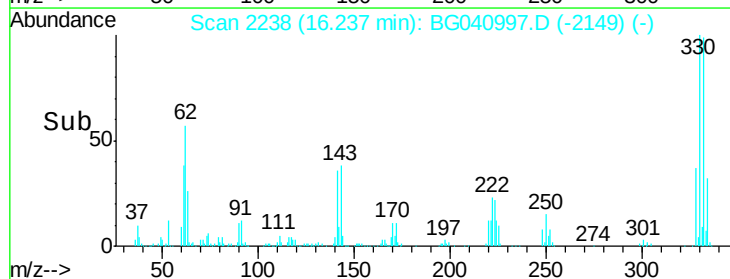
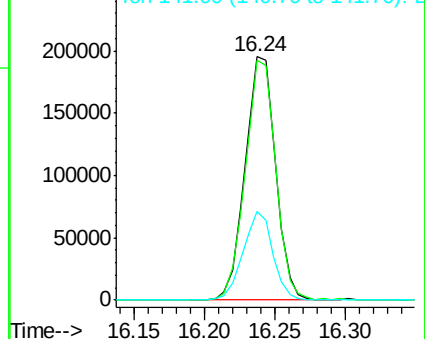
141 35.3 28.7 43.1

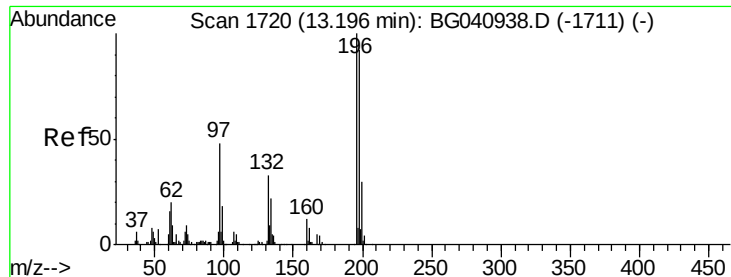


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

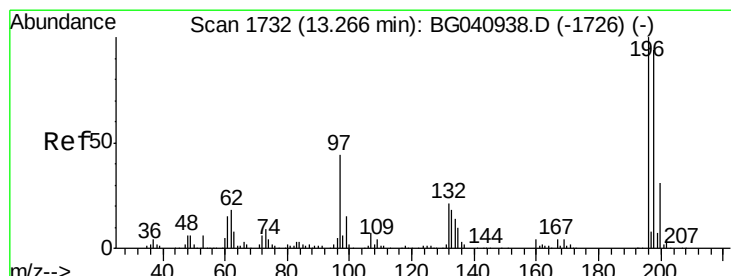
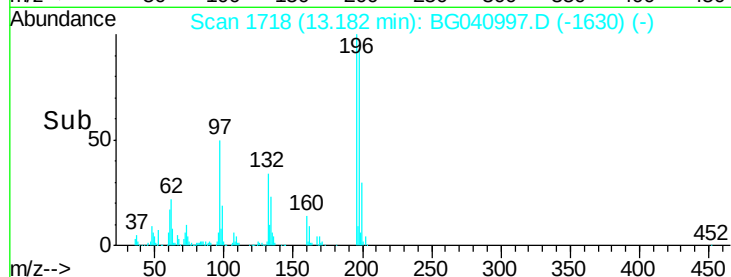
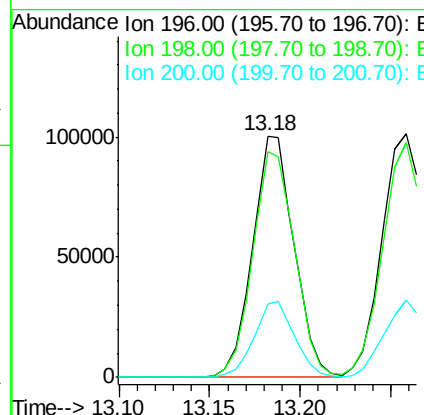
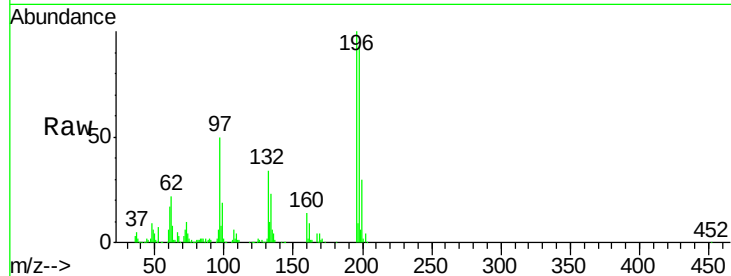




#43
 2,4,6-Trichlorophenol
 Concen: 35.737 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

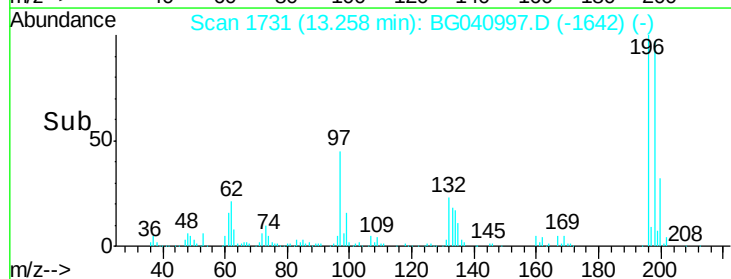
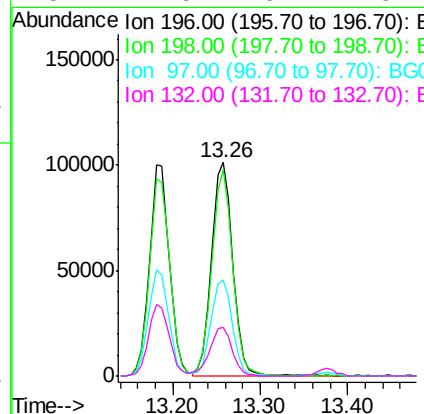
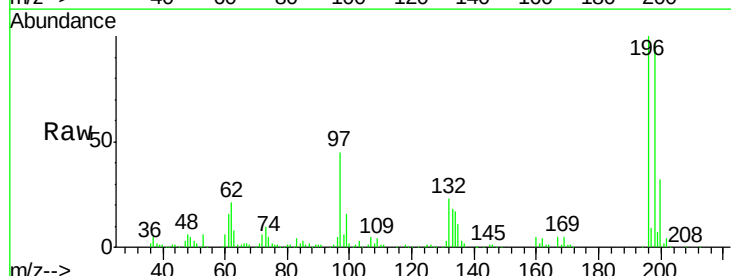
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

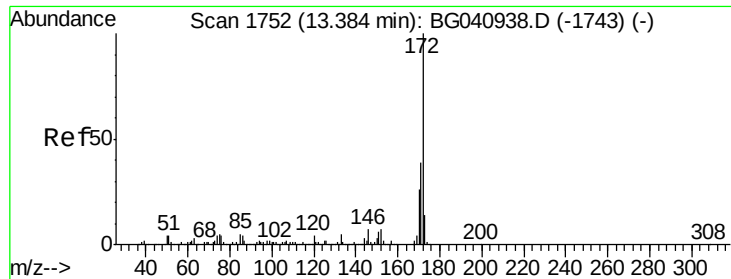
Tgt Ion:196 Resp: 159226
 Ion Ratio Lower Upper
 196 100
 198 93.4 73.8 110.6
 200 30.3 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 36.651 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion:196 Resp: 172220
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.1 112.7
 97 44.8 35.6 53.4
 132 22.5 16.7 25.1

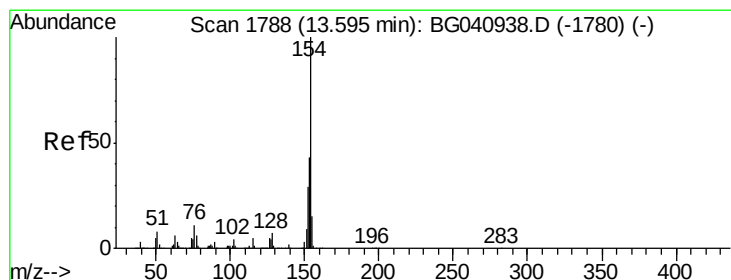
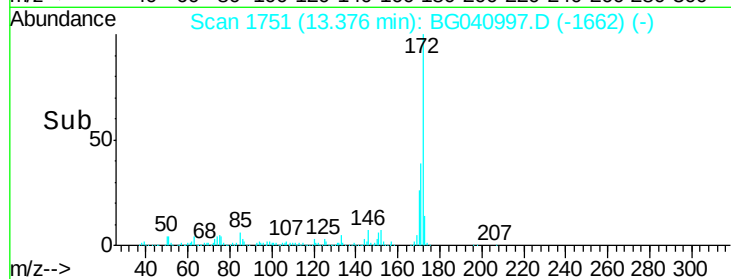
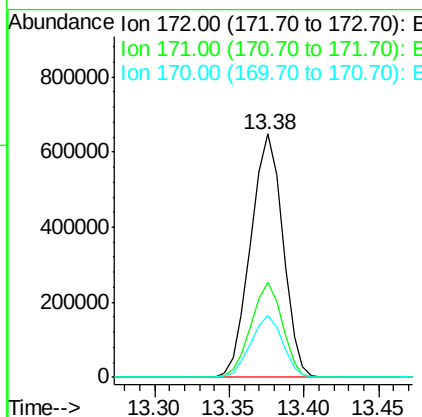
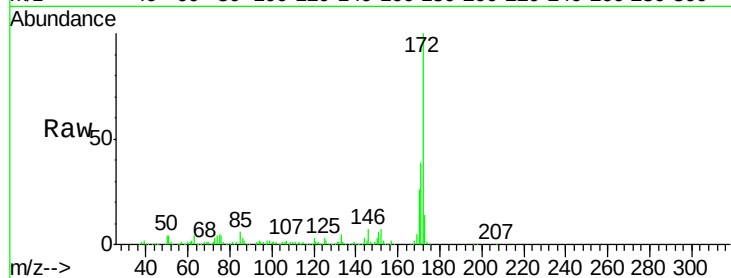




#45
2-Fluorobiphenyl
Concen: 81.557 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

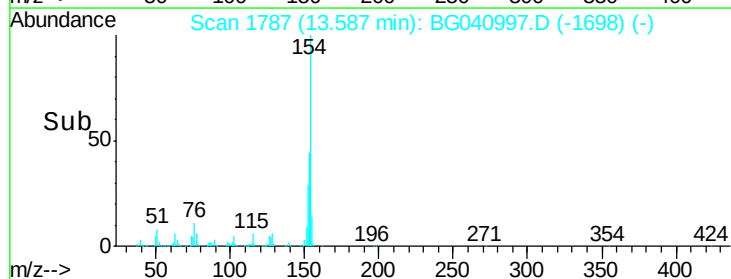
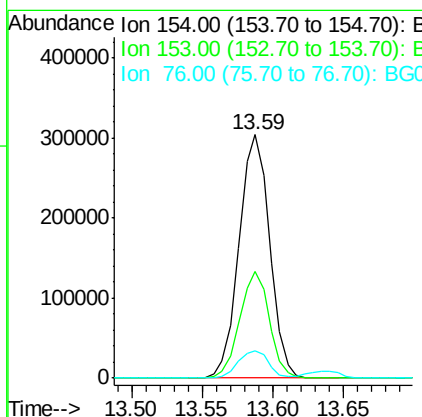
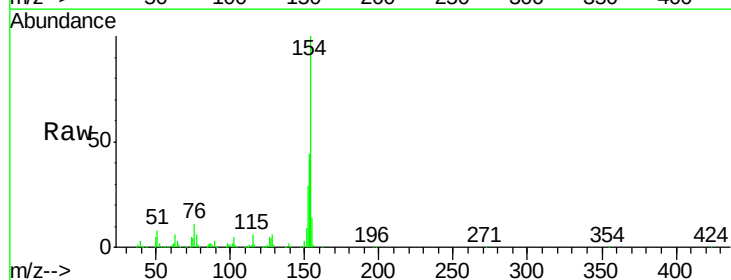
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

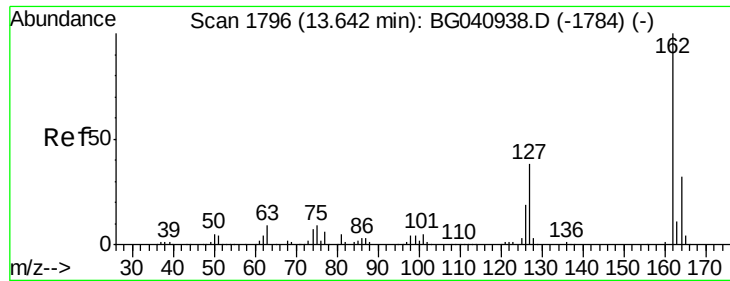
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.1	46.7
170	25.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.429 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.3	63.3
76	11.4	0.0	31.1





#47

2-Chloronaphthalene

Concen: 34.483 ng

RT: 13.63 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

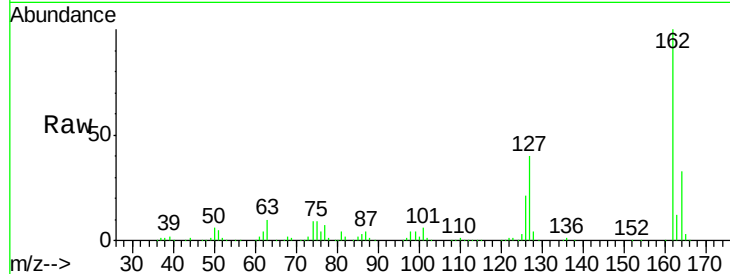
Tgt Ion: 162 Resp: 374440

Ion Ratio Lower Upper

162 100

127 39.8 30.5 45.7

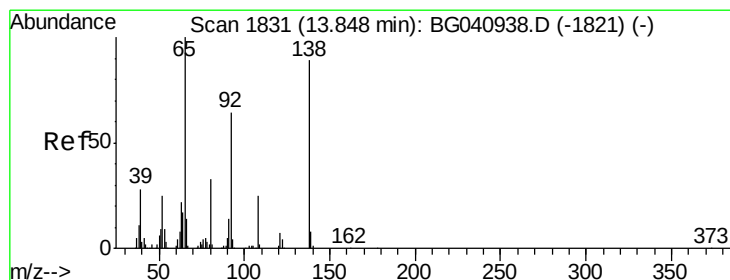
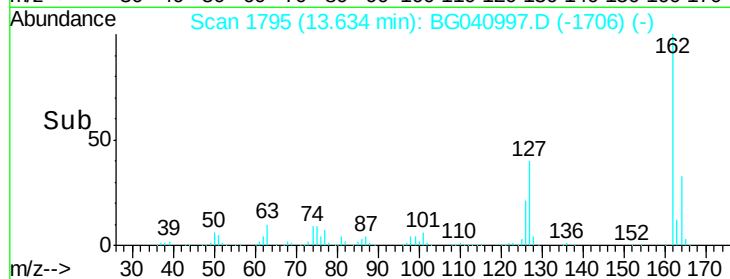
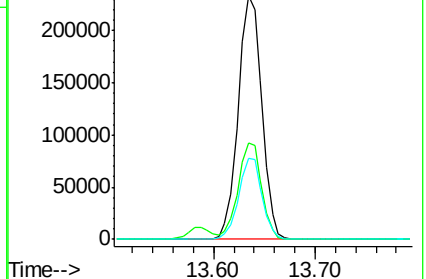
164 33.4 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.324 ng

RT: 13.84 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

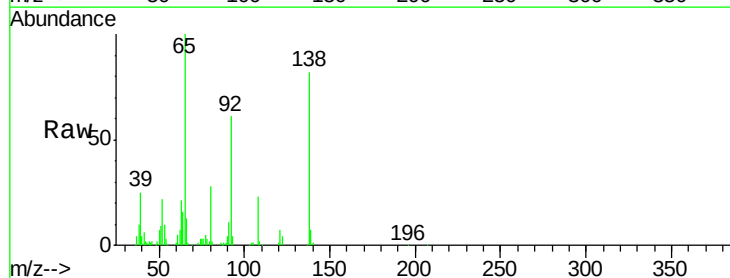
Tgt Ion: 65 Resp: 137608

Ion Ratio Lower Upper

65 100

92 60.5 51.0 76.6

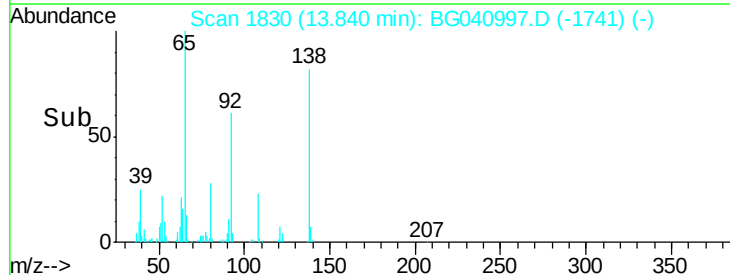
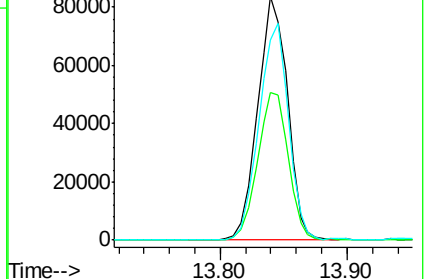
138 82.1 71.2 106.8

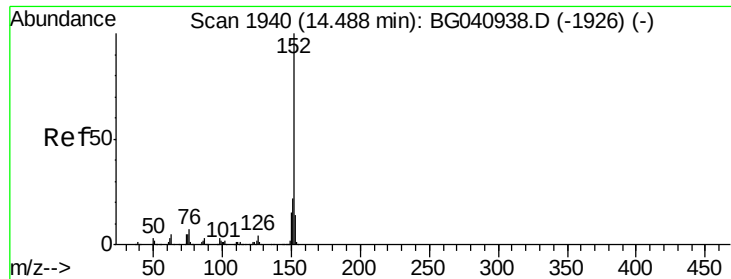


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.852 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

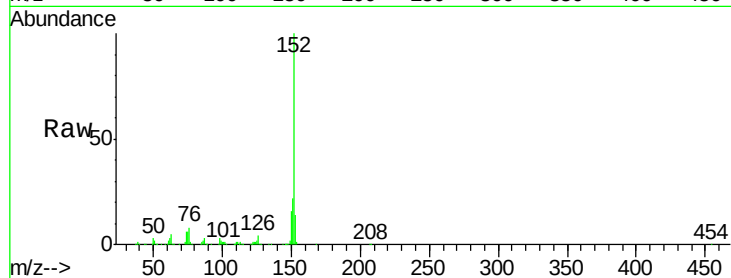
Tgt Ion:152 Resp: 585938

Ion Ratio Lower Upper

152 100

151 21.9 17.4 26.0

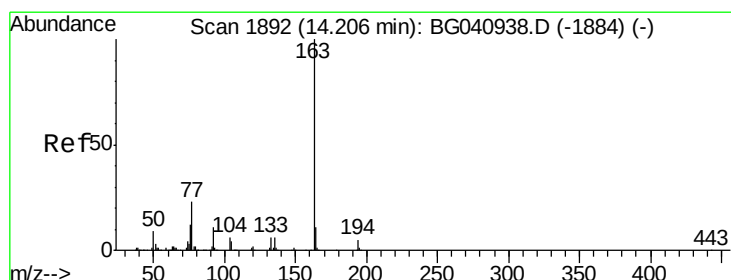
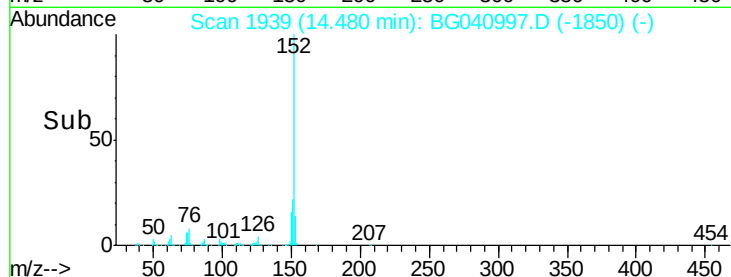
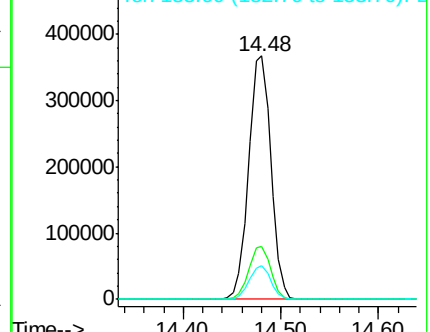
153 13.7 11.0 16.4



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: 35.062 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

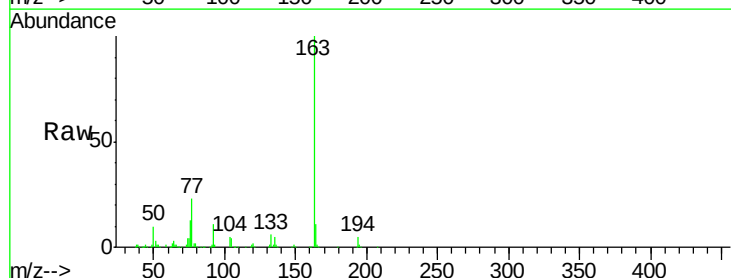
Tgt Ion:163 Resp: 507164

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

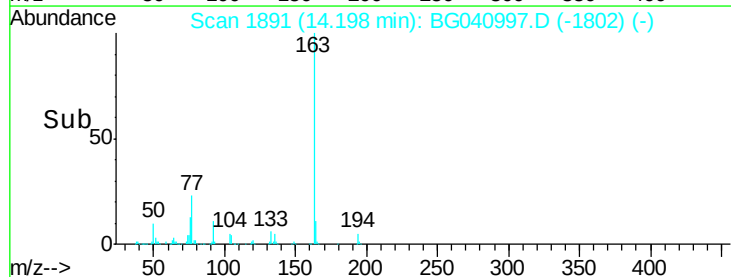
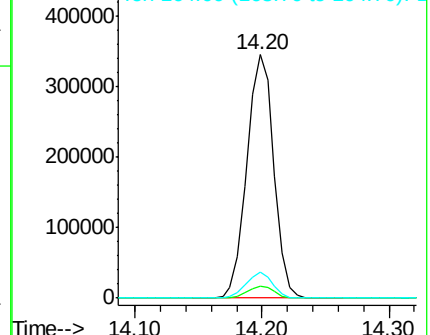
164 10.8 8.7 13.1

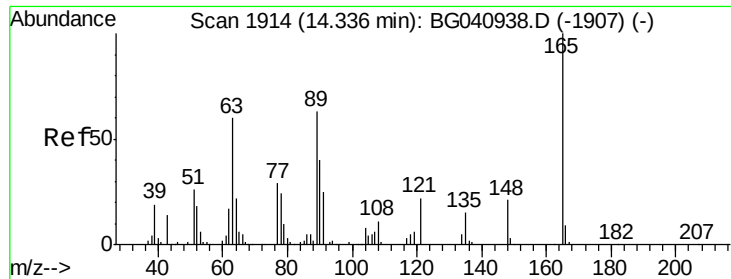


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

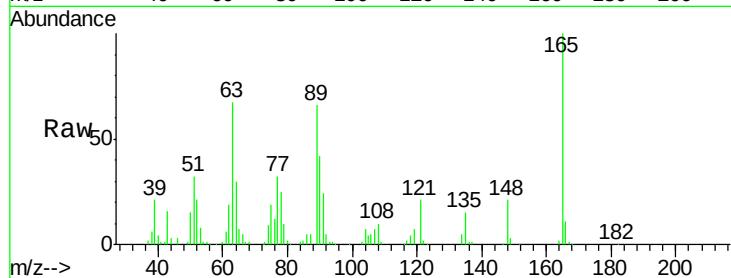




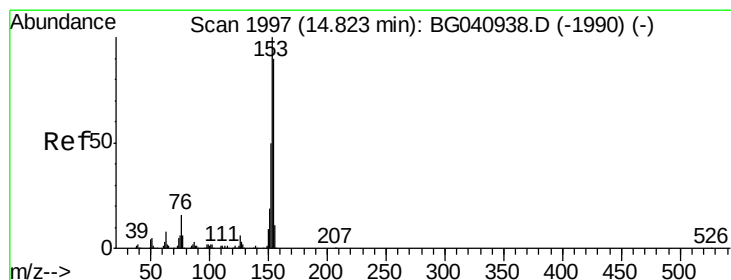
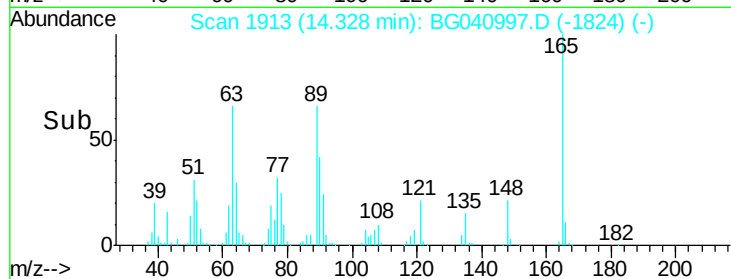
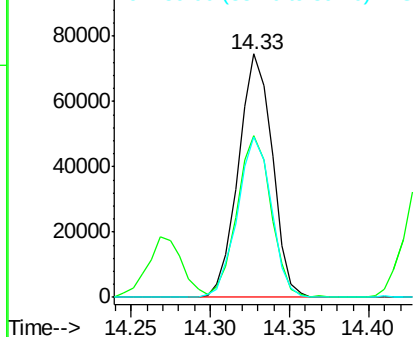
#51
2,6-Dinitrotoluene
Concen: 35.481 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
PB120082BSD

Tgt Ion:165 Resp: 110658
Ion Ratio Lower Upper
165 100
63 66.7 53.6 80.4
89 66.0 50.4 75.6

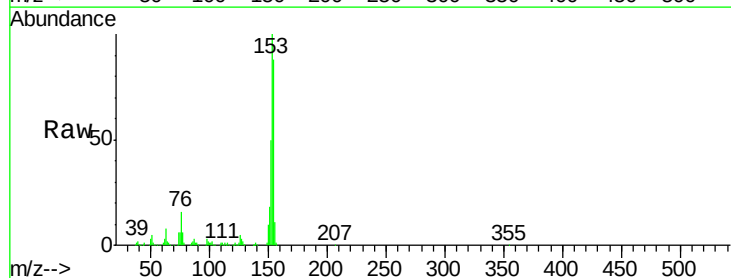


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

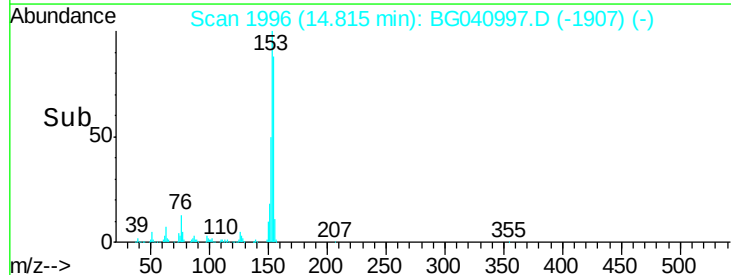
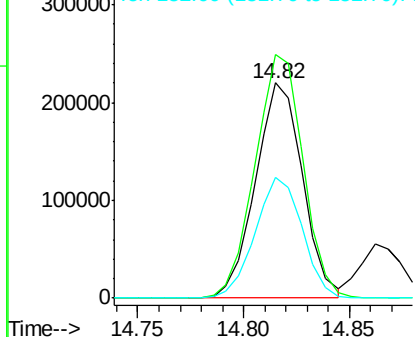


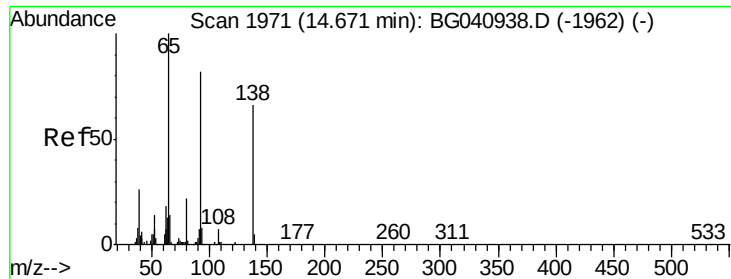
#52
Acenaphthene
Concen: 34.514 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:154 Resp: 341702
Ion Ratio Lower Upper
154 100
153 113.2 88.6 133.0
152 56.4 44.2 66.4



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

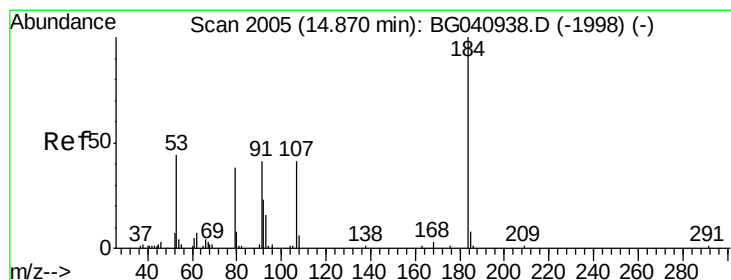
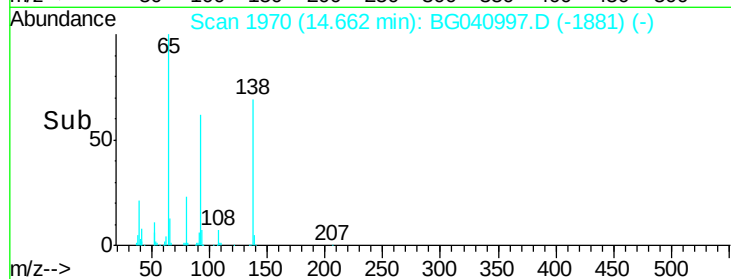
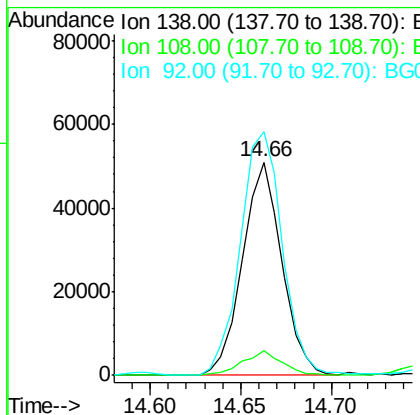
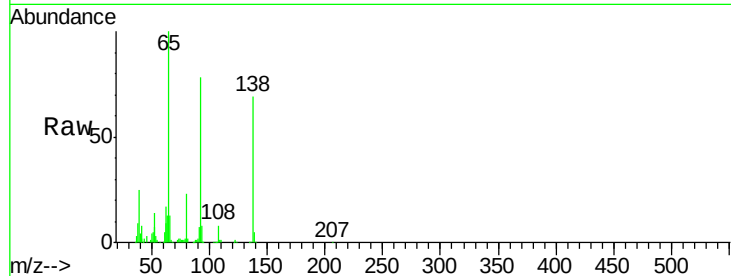




#53
 3-Nitroaniline
 Concen: 24.635 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

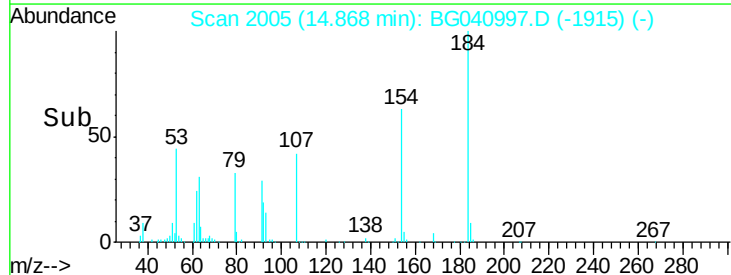
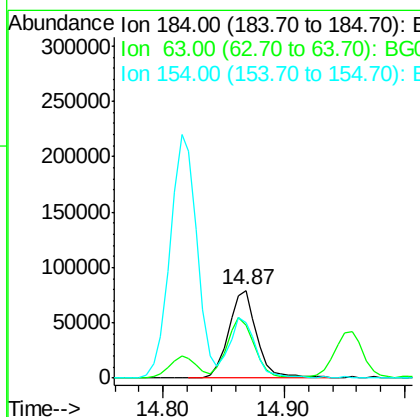
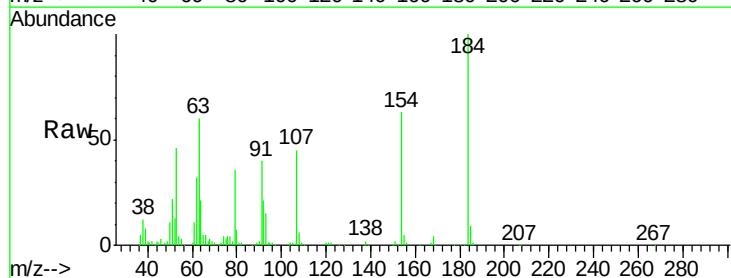
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

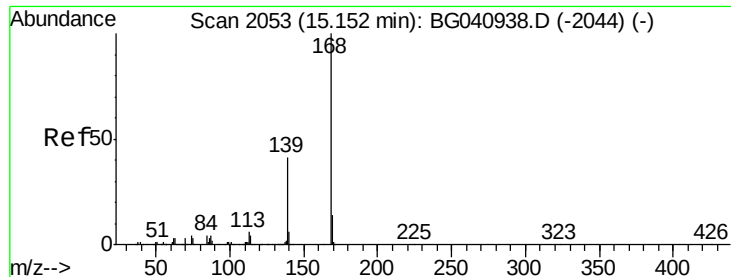
Tgt Ion:138 Resp: 76827
 Ion Ratio Lower Upper
 138 100
 108 11.5 8.5 12.7
 92 114.1 99.0 148.6



#54
 2,4-Dinitrophenol
 Concen: 79.198 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion:184 Resp: 128129
 Ion Ratio Lower Upper
 184 100
 63 60.3 49.8 74.6
 154 62.7 52.2 78.4

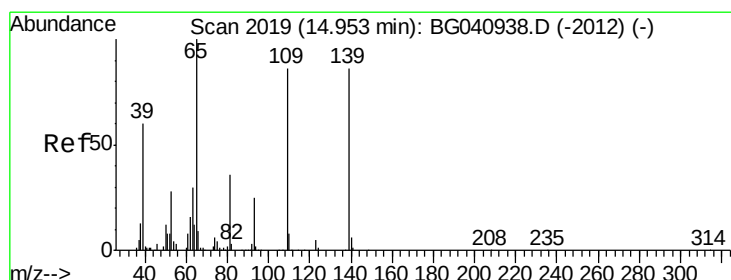
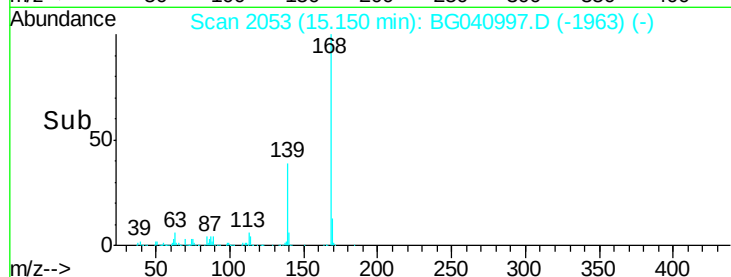
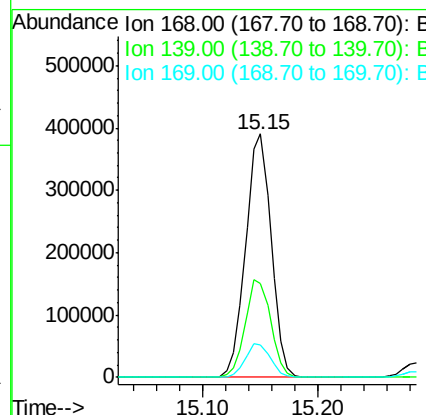
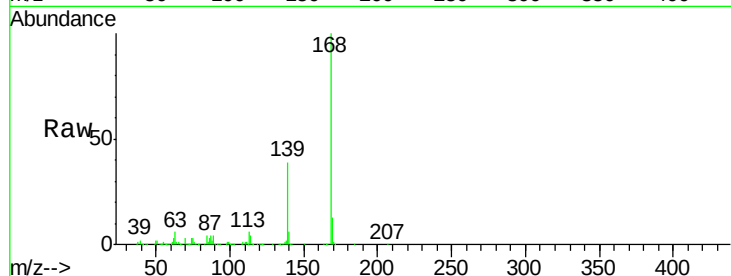




#55
Dibenzenofuran
Concen: 35.898 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

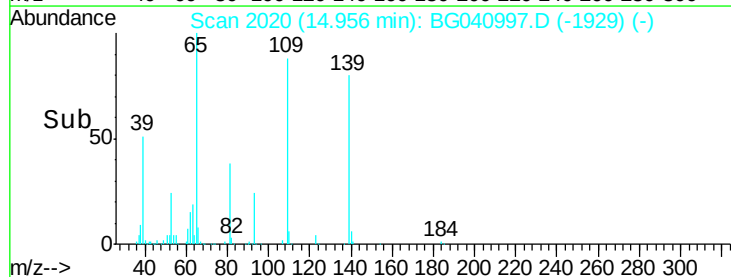
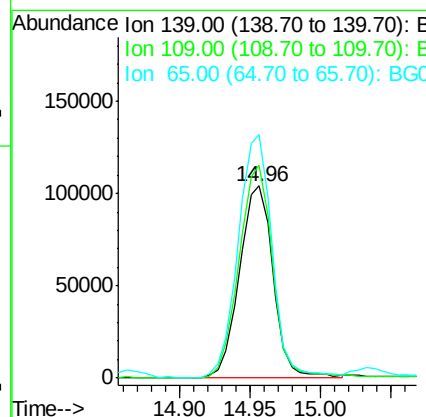
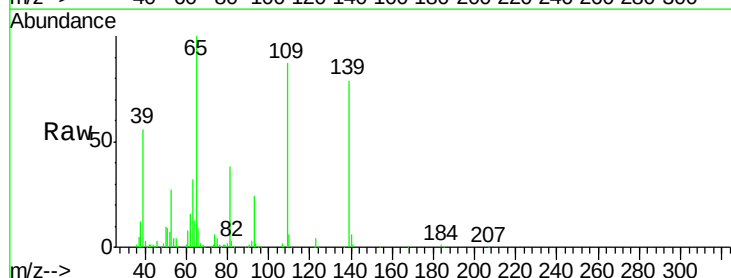
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

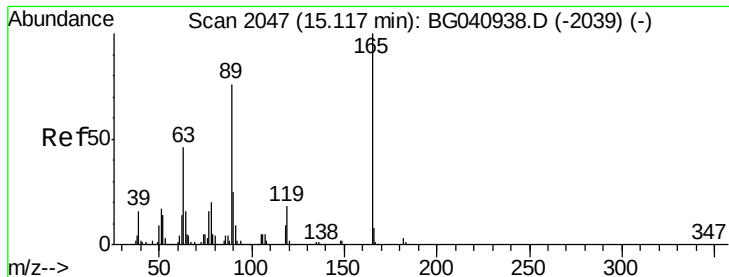
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.8	49.2
169	13.4	11.3	16.9



#56
4-Nitrophenol
Concen: 81.559 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.9	79.6	119.6
65	126.8	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 36.787 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

Tgt Ion:165 Resp: 162066

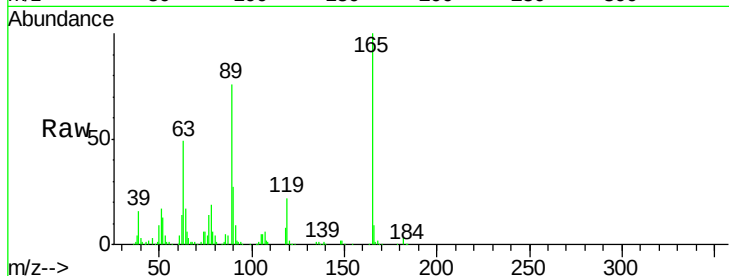
Ion Ratio Lower Upper

165 100

63 48.9 37.3 55.9

89 76.3 61.0 91.6

182 2.6 2.2 3.2

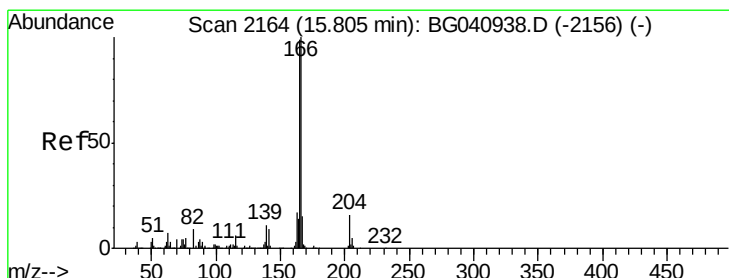
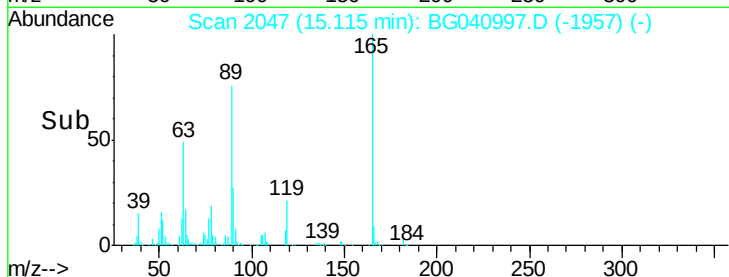
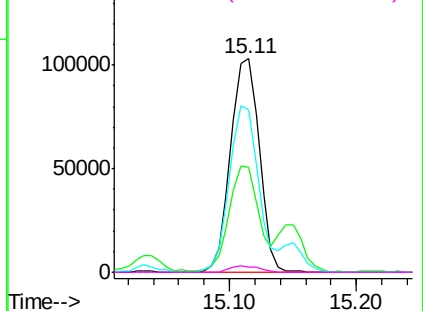


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.726 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

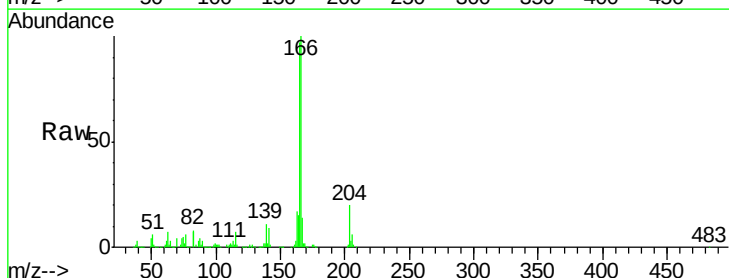
Tgt Ion:166 Resp: 473972

Ion Ratio Lower Upper

166 100

165 97.2 79.2 118.8

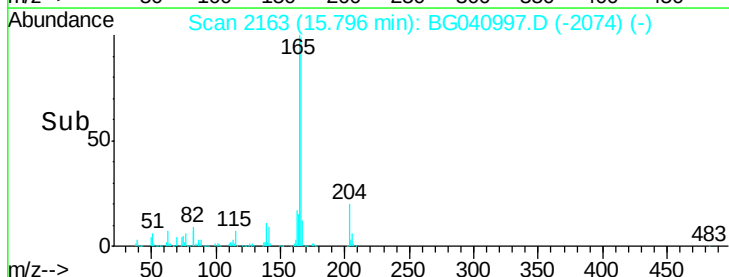
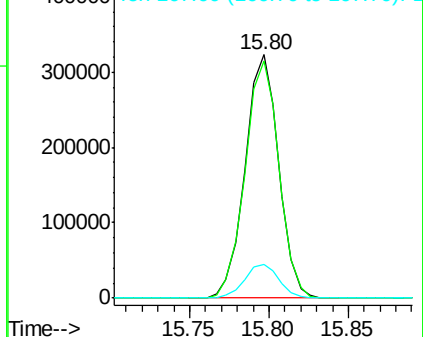
167 13.8 11.8 17.6

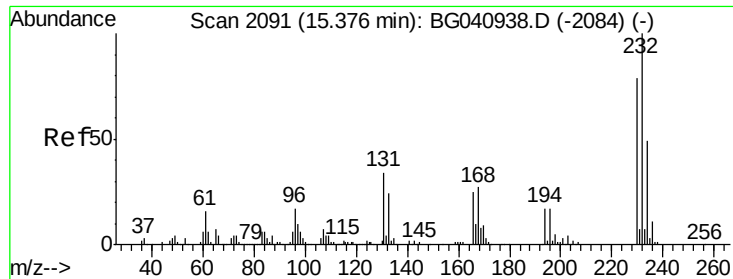


Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.119 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

Tgt Ion:232 Resp: 180647

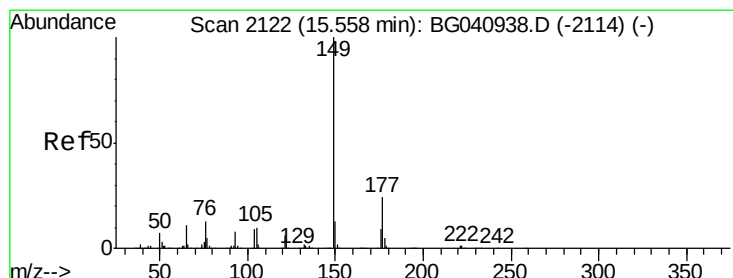
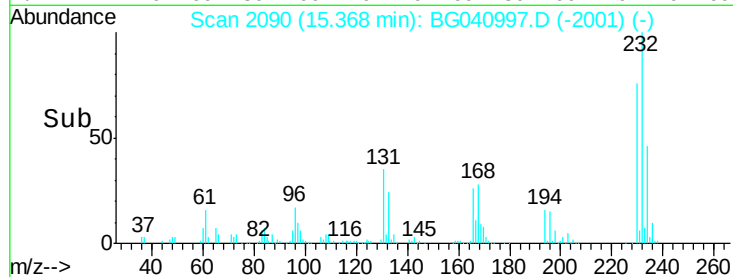
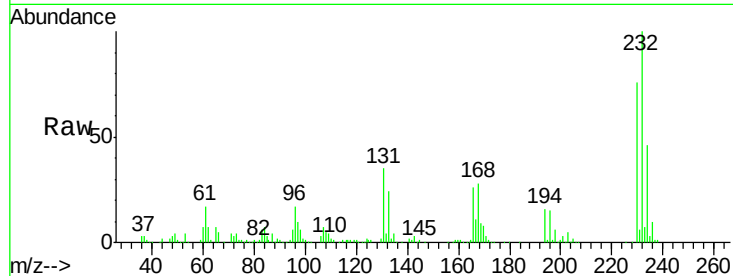
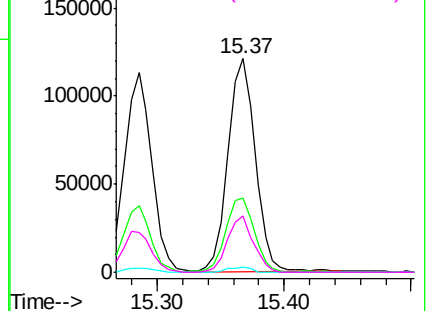
Ion	Ratio	Lower	Upper
232	100		
131	36.1	30.3	45.5
130	2.1	1.8	2.8
166	25.1	21.3	31.9

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.937 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

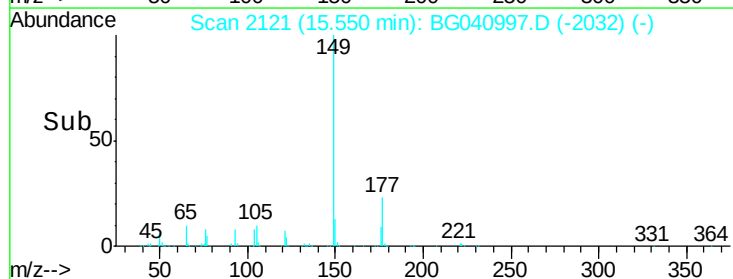
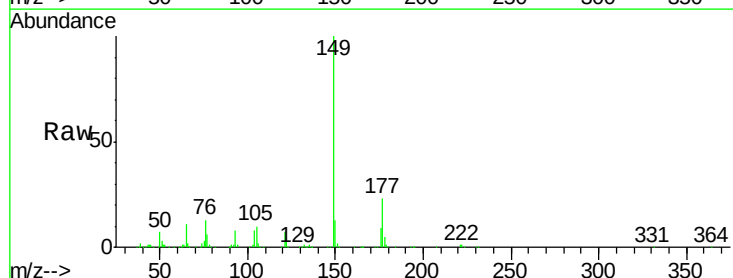
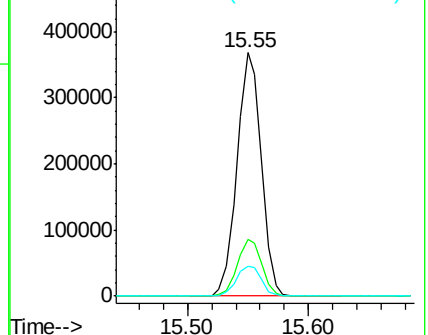
Tgt Ion:149 Resp: 515730

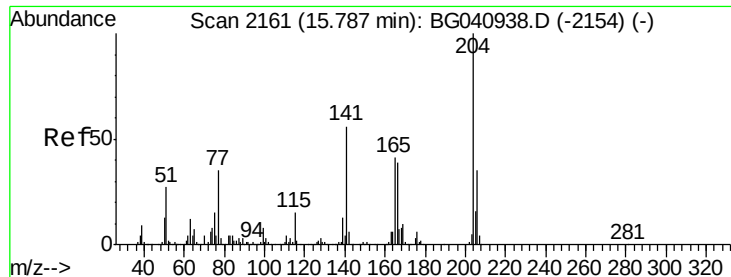
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.4	29.0
150	12.5	10.3	15.5

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 34.457 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

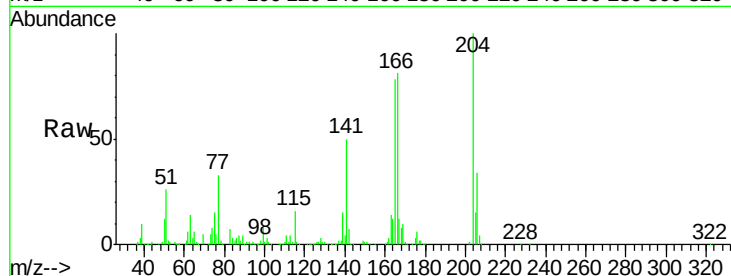
Tgt Ion:204 Resp: 297137

Ion Ratio Lower Upper

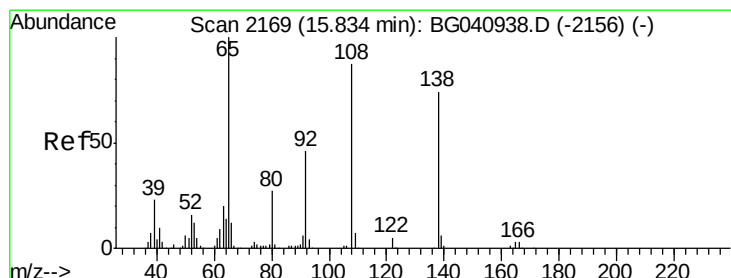
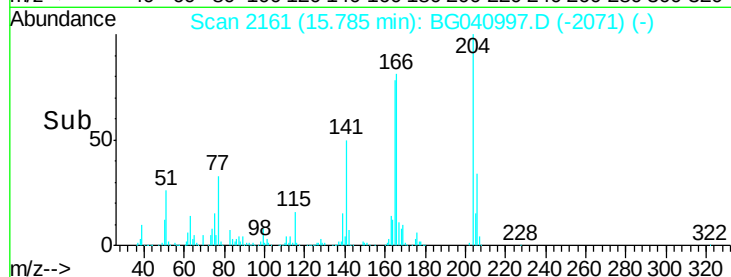
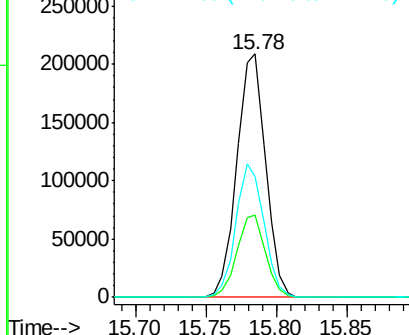
204 100

206 33.6 27.6 41.4

141 49.6 45.1 67.7



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: 35.647 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

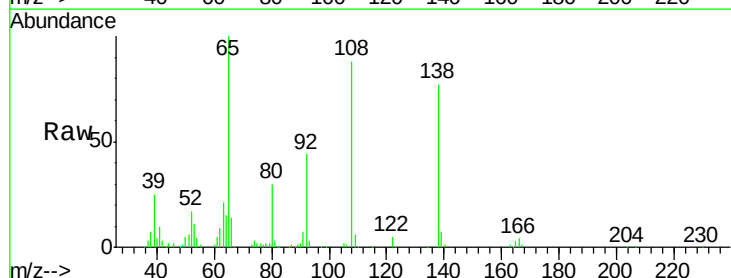
Tgt Ion:138 Resp: 117693

Ion Ratio Lower Upper

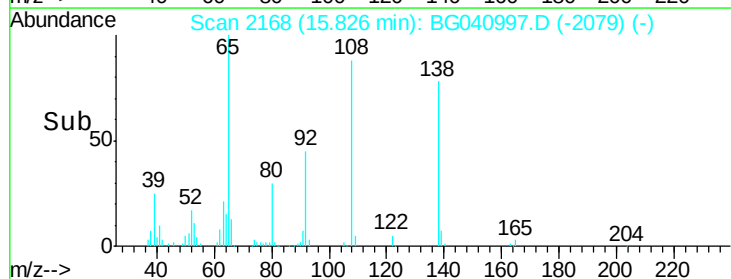
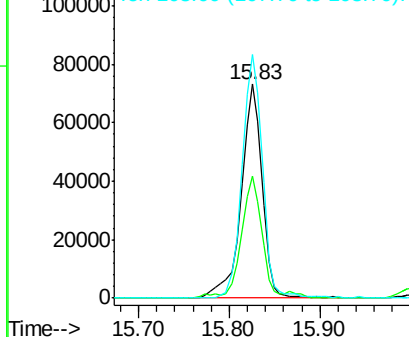
138 100

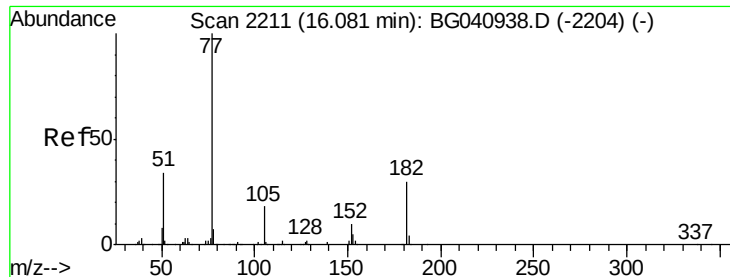
92 57.3 42.4 82.4

108 113.7 96.9 136.9



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: 35.628 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

Tgt Ion: 77 Resp: 478022

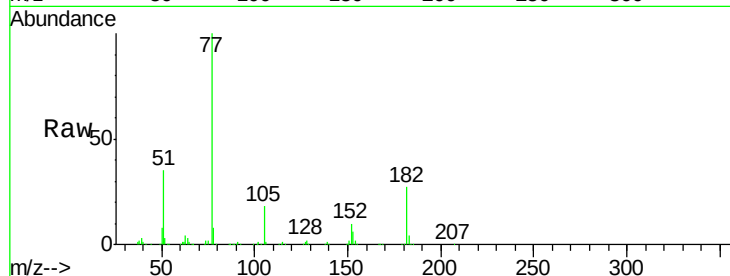
Ion Ratio Lower Upper

77 100

182 27.5 9.6 49.6

105 18.2 0.0 37.5

51 35.1 13.7 53.7

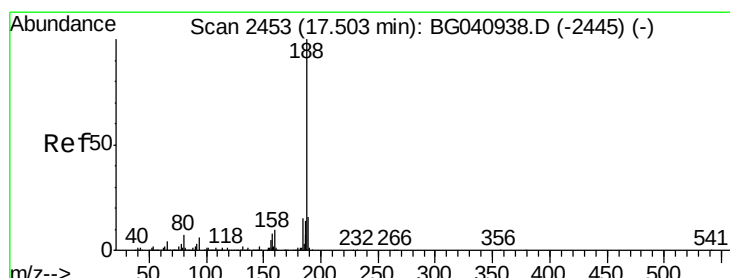
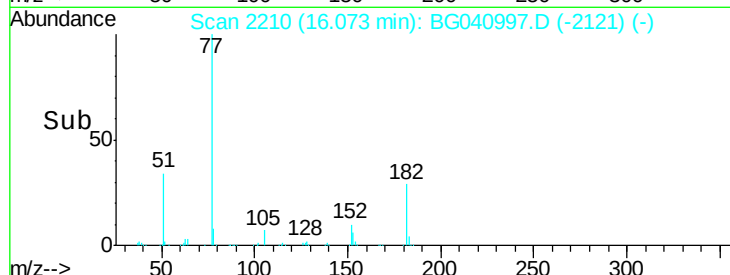
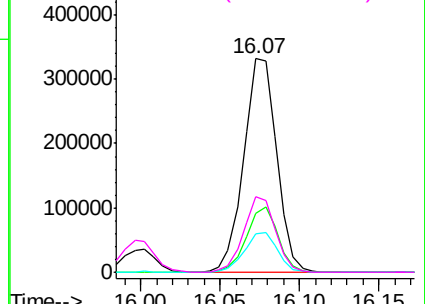


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

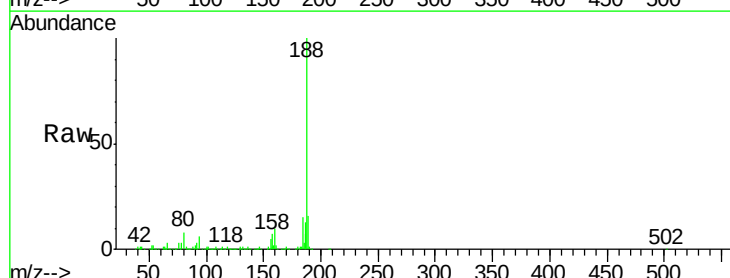
Tgt Ion: 188 Resp: 449597

Ion Ratio Lower Upper

188 100

94 6.2 4.7 7.1

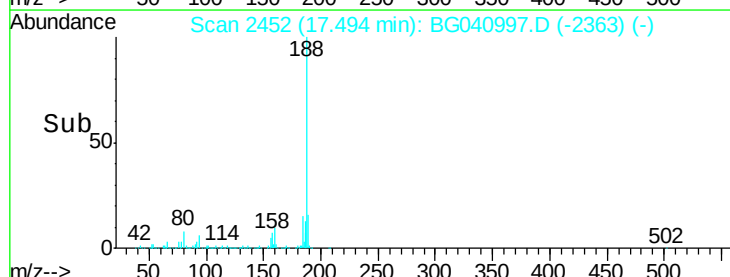
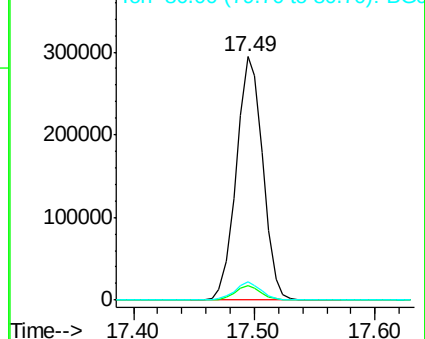
80 7.6 5.8 8.8

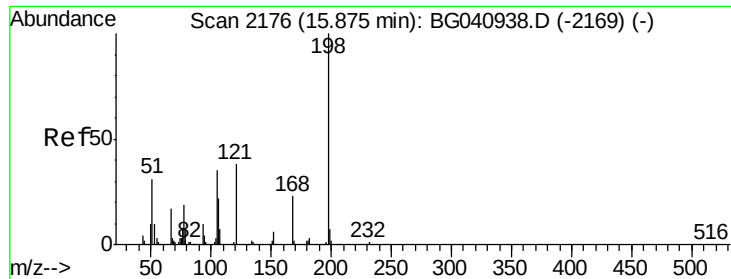


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

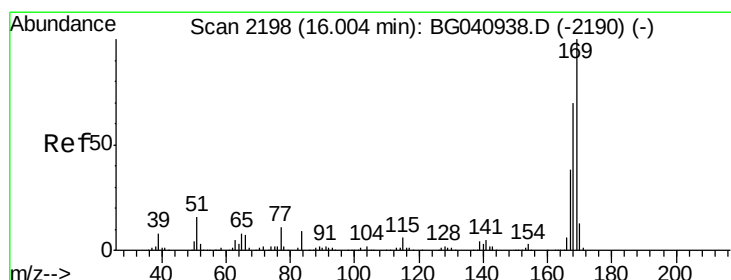
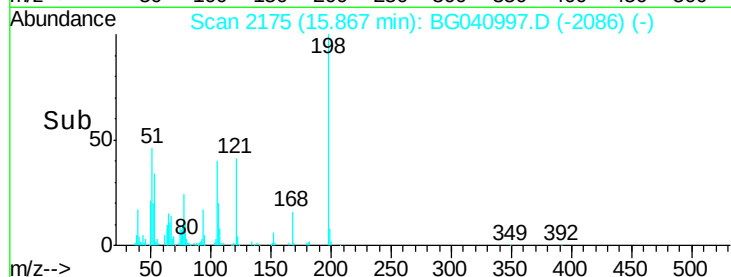
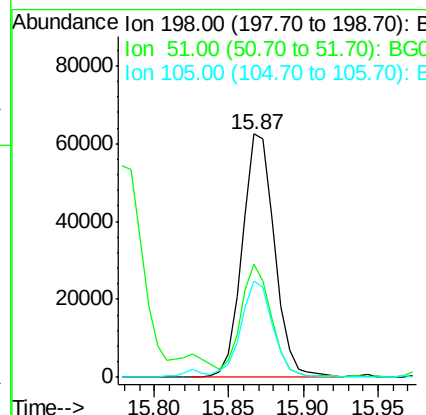
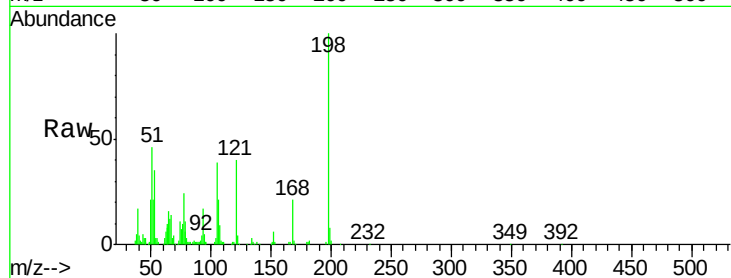




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.567 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

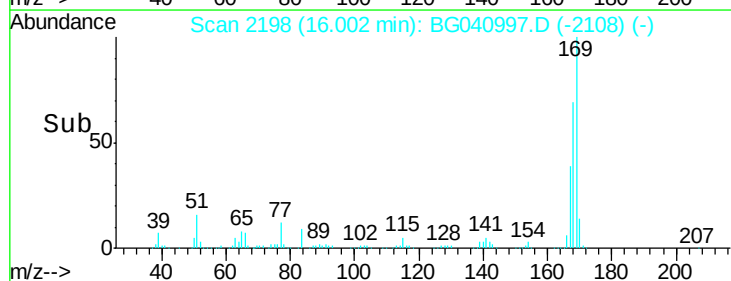
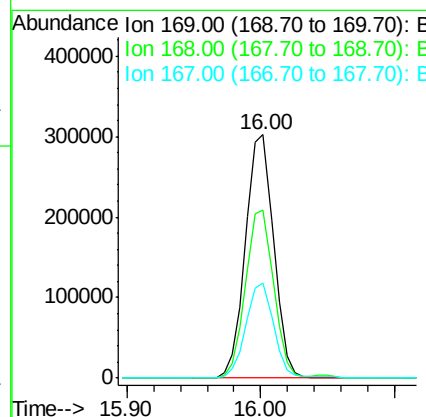
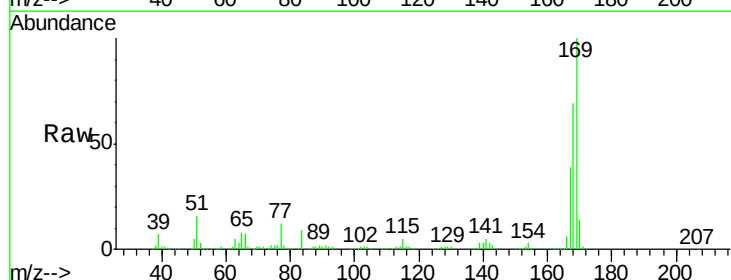
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

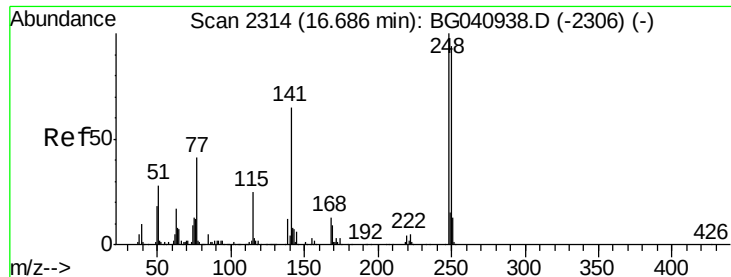
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.2	21.6	61.6
105	39.4	17.5	57.5



#66
 n-Nitrosodiphenylamine
 Concen: 34.986 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	39.2	30.2	45.2

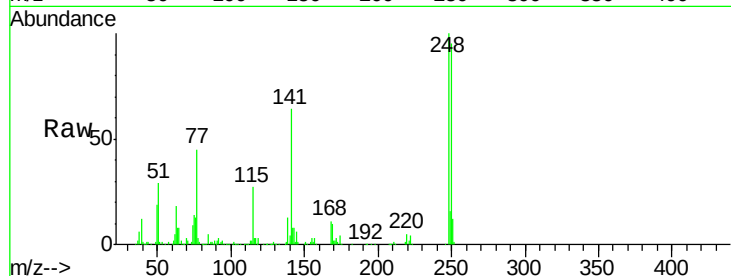




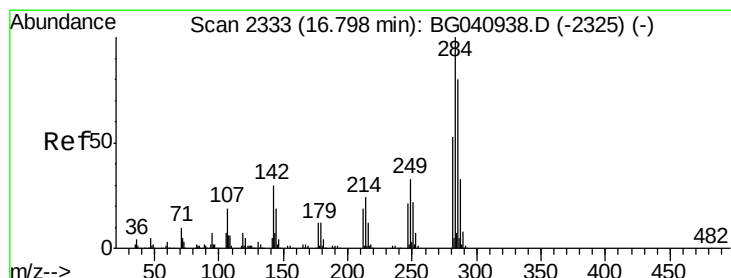
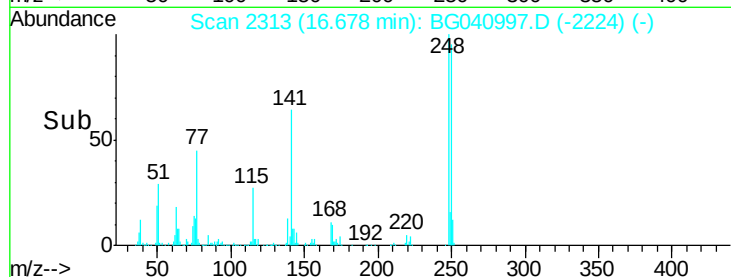
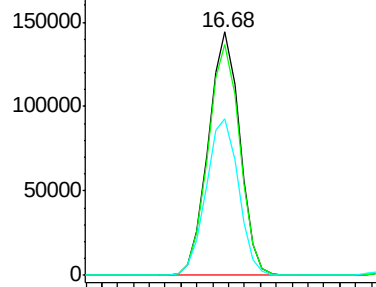
#67
4-Bromophenyl-phenylether
Concen: 32.644 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
PB120082BSD

Tgt Ion:248 Resp: 198068
Ion Ratio Lower Upper
248 100
250 94.9 75.0 112.4
141 64.1 52.4 78.6

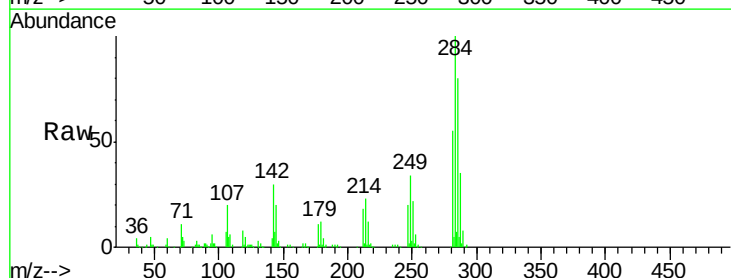


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

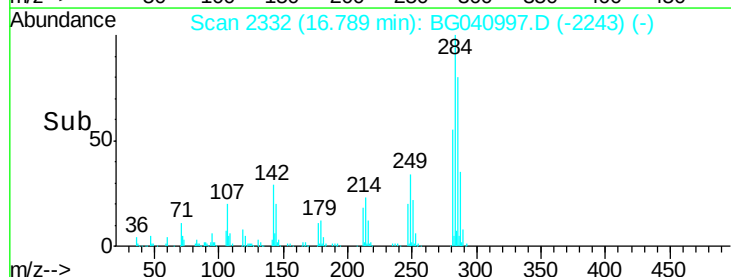
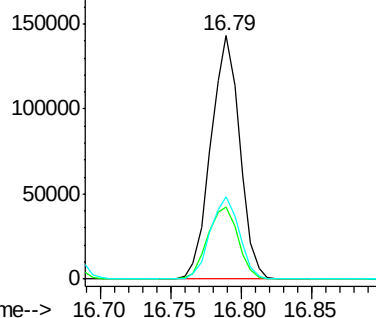


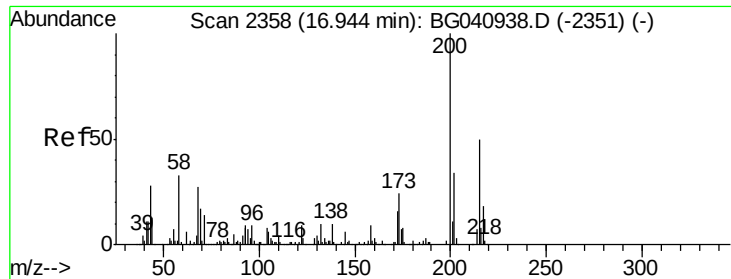
#68
Hexachlorobenzene
Concen: 31.640 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:284 Resp: 204426
Ion Ratio Lower Upper
284 100
142 29.5 23.9 35.9
249 36.5 26.8 40.2



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: 38.049 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

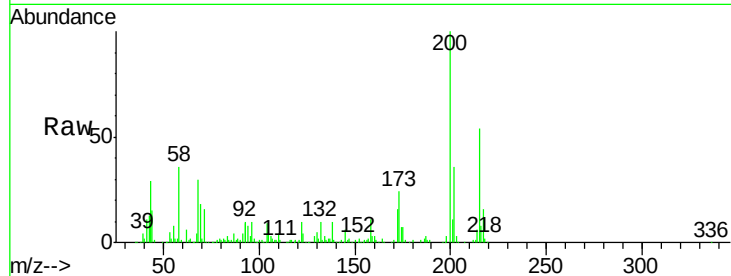
Tgt Ion:200 Resp: 185553

Ion Ratio Lower Upper

200 100

173 23.8 3.6 43.6

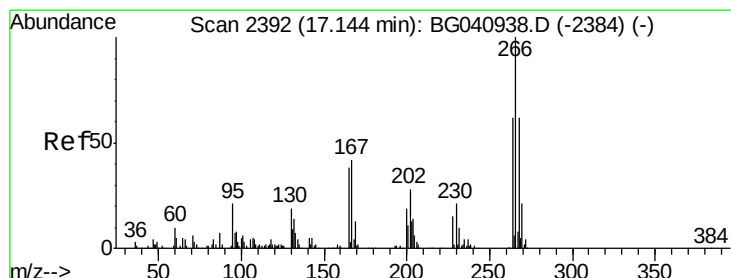
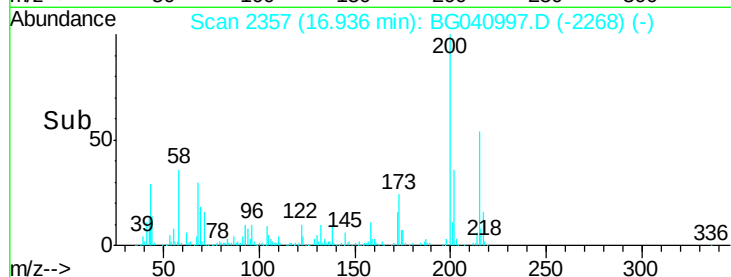
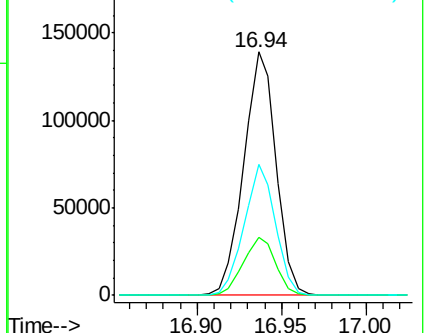
215 53.8 29.6 69.6



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: 72.791 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

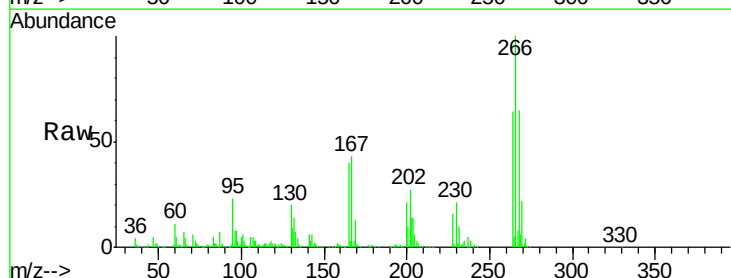
Tgt Ion:266 Resp: 250536

Ion Ratio Lower Upper

266 100

268 64.5 53.1 79.7

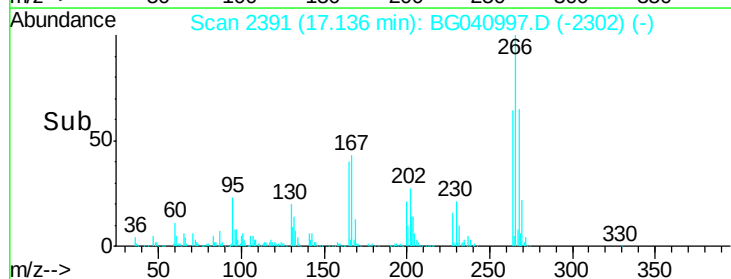
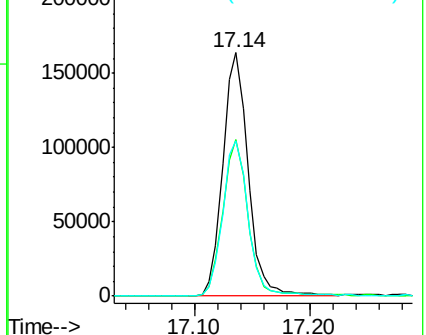
264 63.8 49.9 74.9

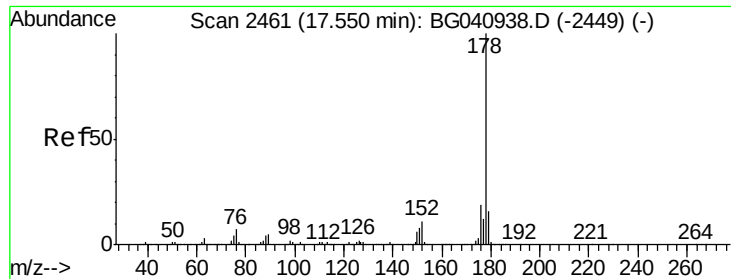


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

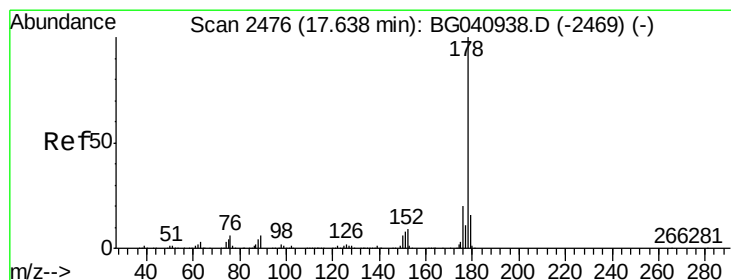
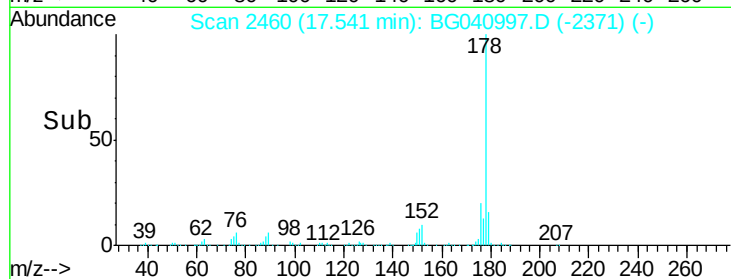
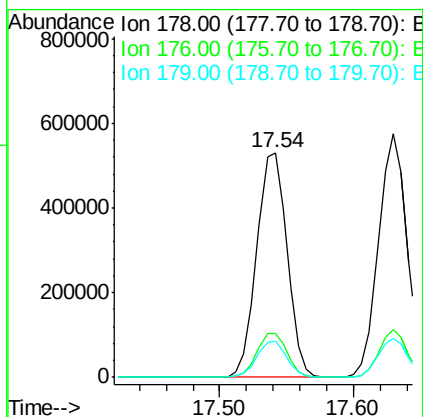
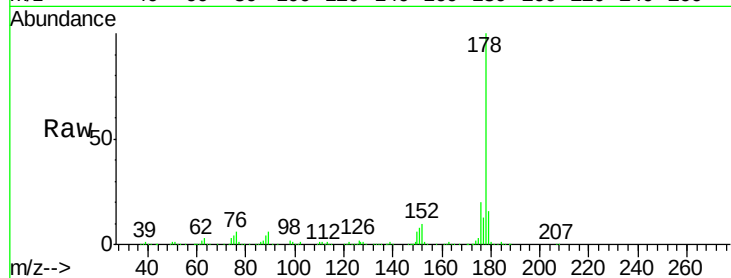




#71
Phenanthrene
Concen: 35.435 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

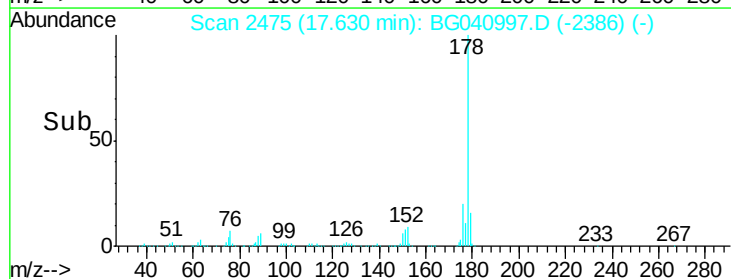
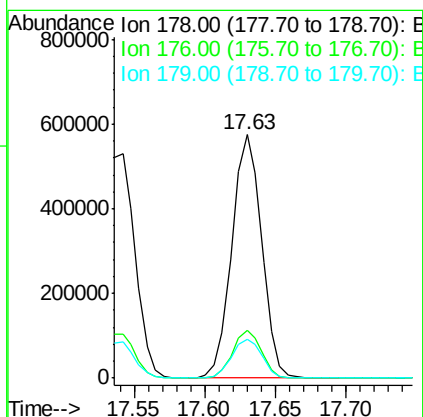
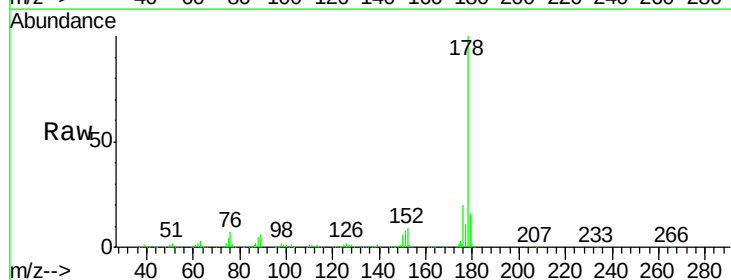
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

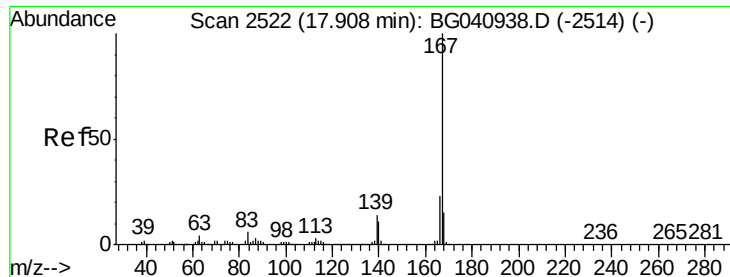
Tgt Ion:178 Resp: 829838
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.4 12.7 19.1



#72
Anthracene
Concen: 36.477 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:178 Resp: 842510
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.1 13.0 19.4

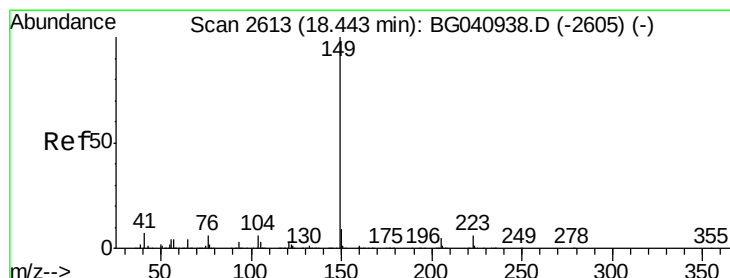
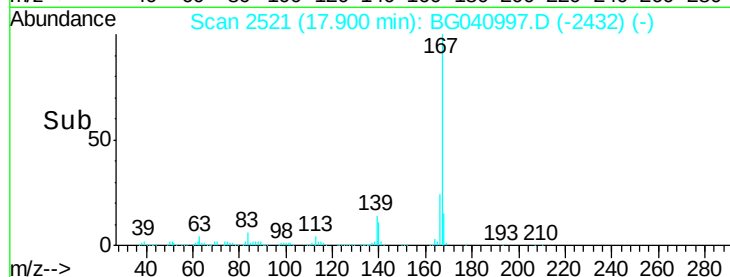
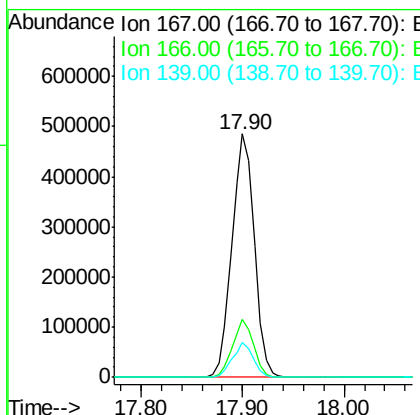
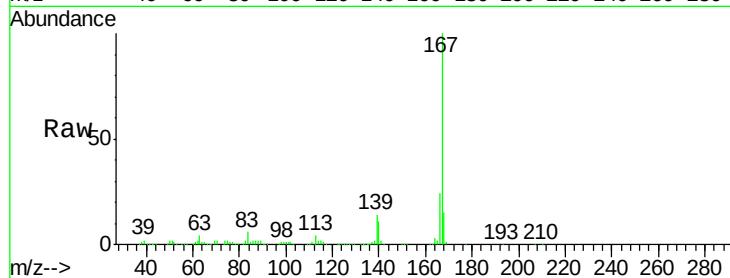




#73
 Carbazole
 Concen: 37.422 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

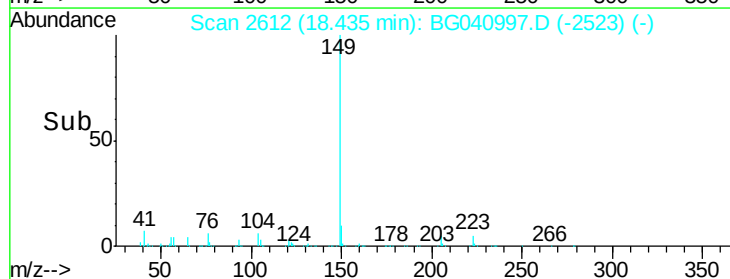
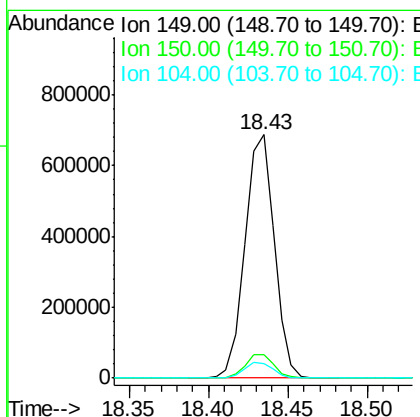
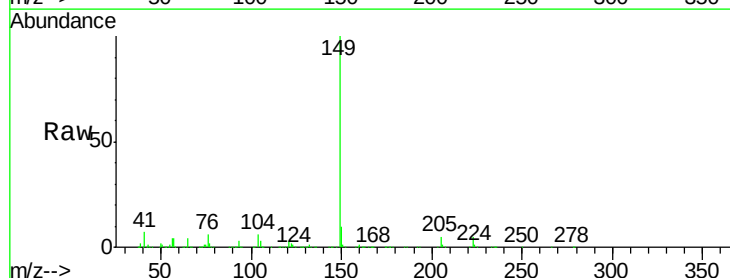
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BSD

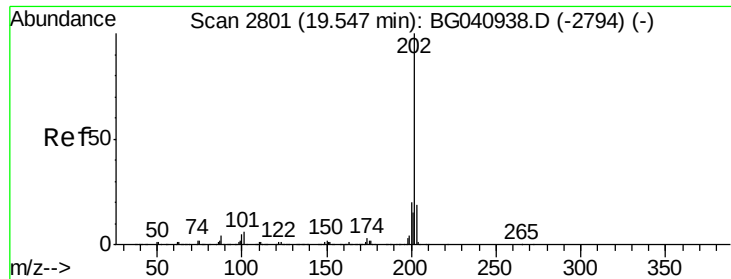
Tgt Ion:167 Resp: 741645
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 14.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 35.744 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040997.D
 Acq: 1 Jun 2019 4:45

Tgt Ion:149 Resp: 880443
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 6.2 5.0 7.4





#75

Fluoranthene

Concen: 38.068 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

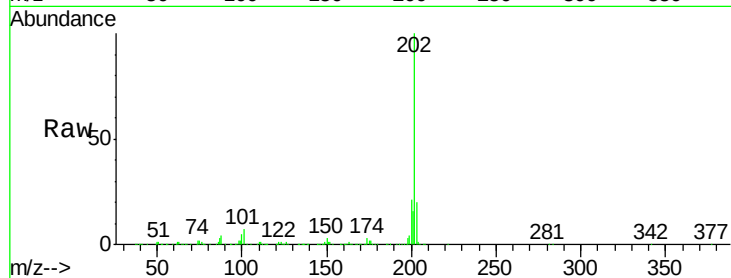
Tgt Ion:202 Resp: 1101168

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.2

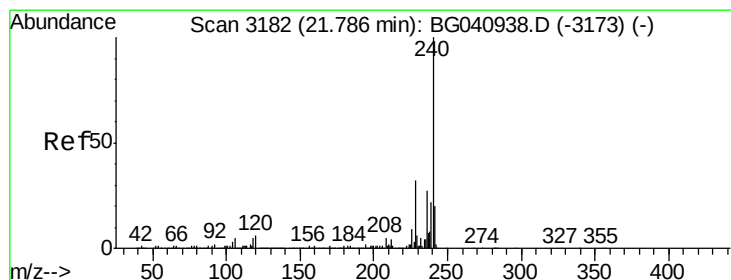
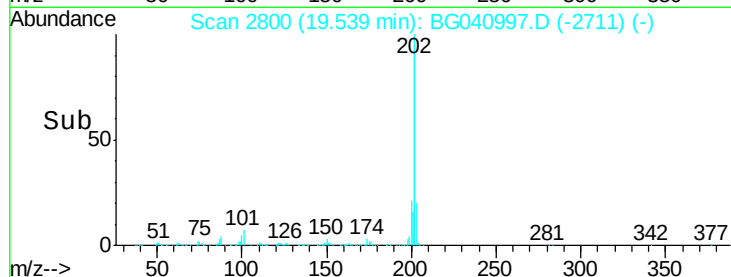
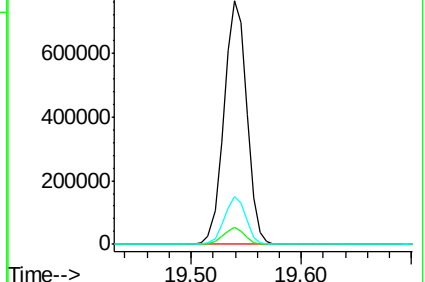
203 19.6 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

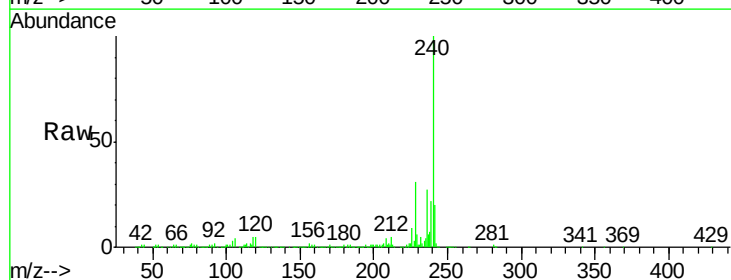
Tgt Ion:240 Resp: 479637

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

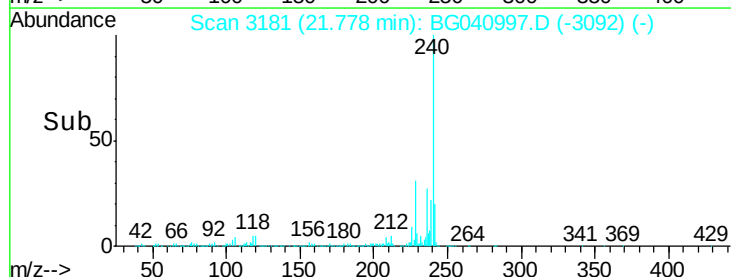
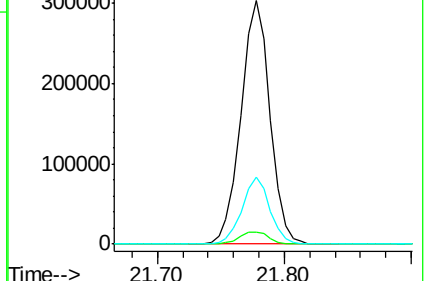
236 27.4 21.3 31.9

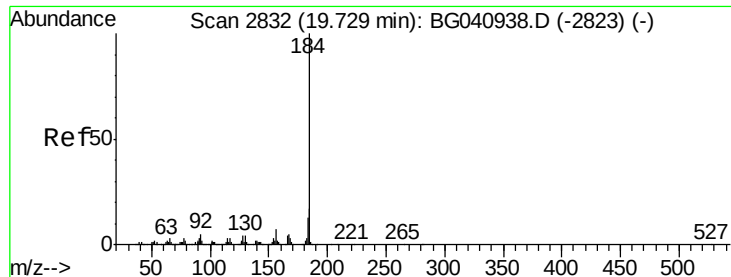


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.950 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

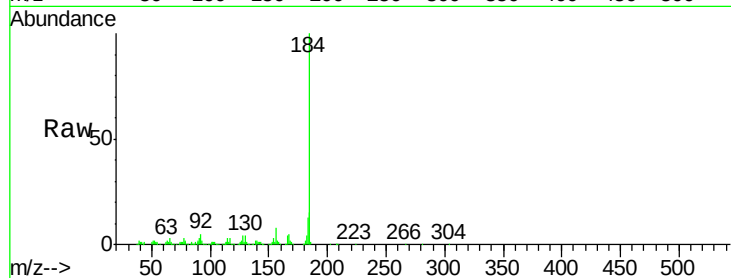
Tgt Ion:184 Resp: 411335

Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

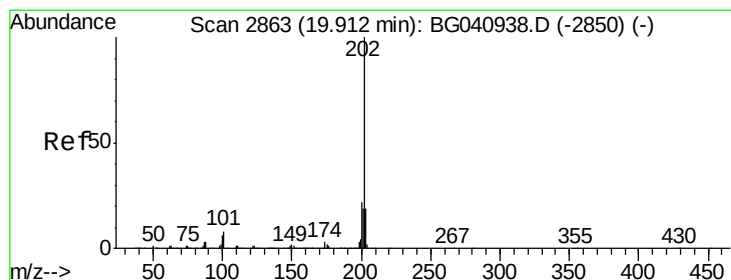
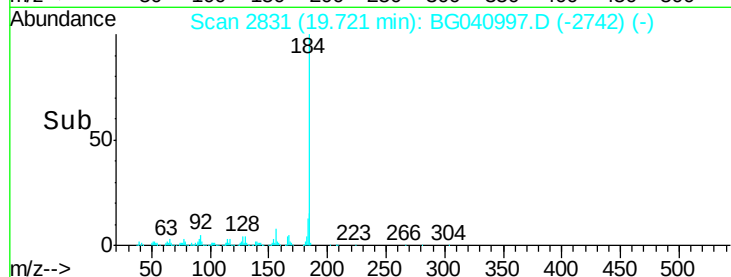
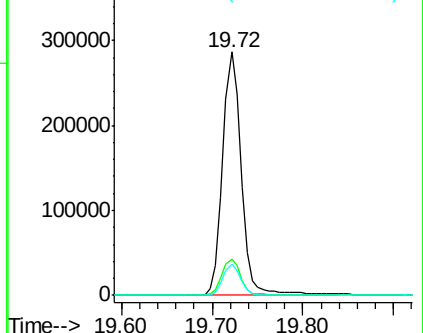
183 12.9 10.7 16.1



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: 35.401 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

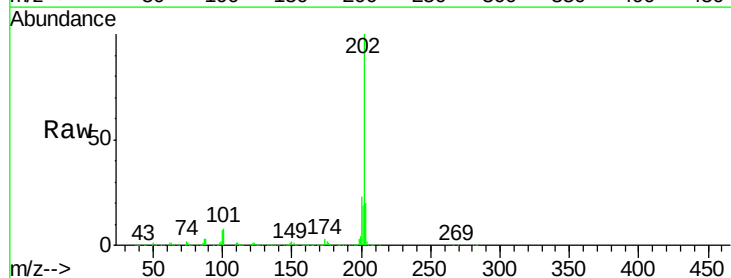
Tgt Ion:202 Resp: 1103788

Ion Ratio Lower Upper

202 100

200 22.6 17.5 26.3

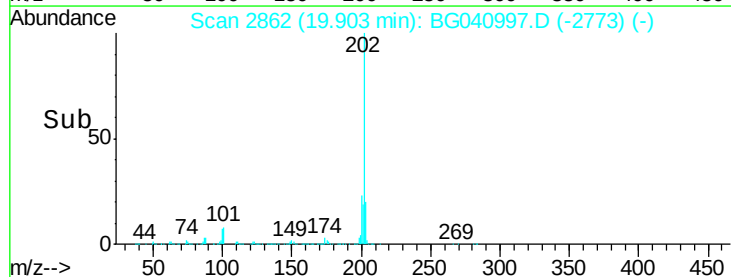
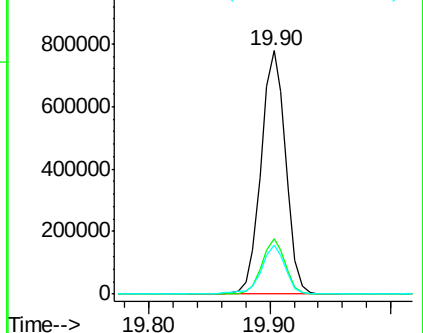
203 20.1 15.6 23.4

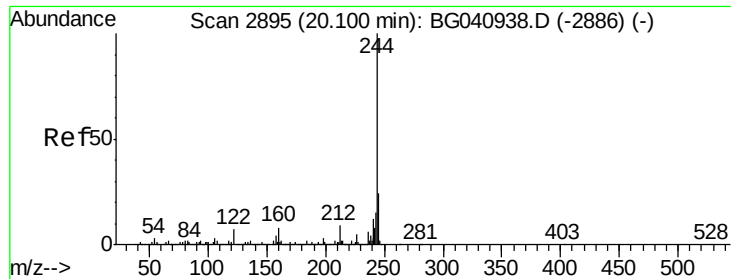


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.378 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

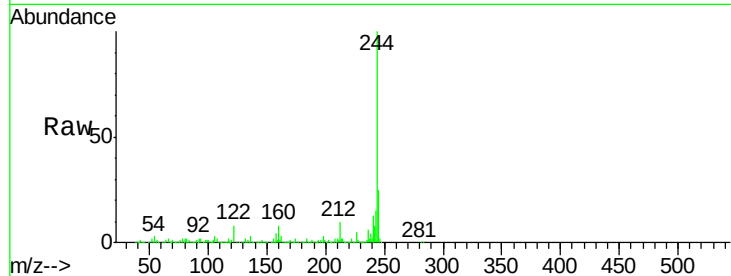
Tgt Ion:244 Resp: 1839086

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

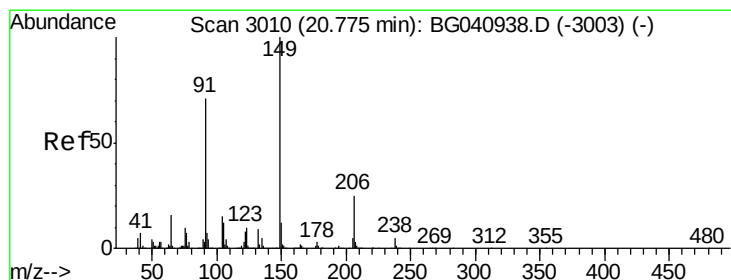
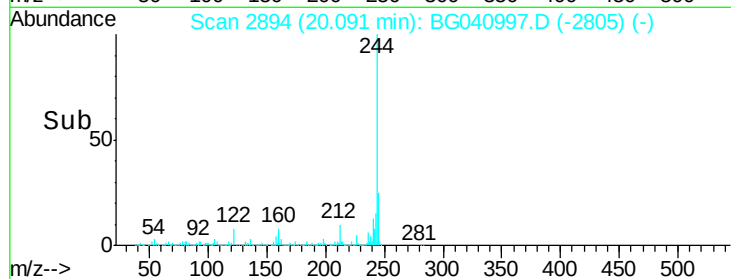
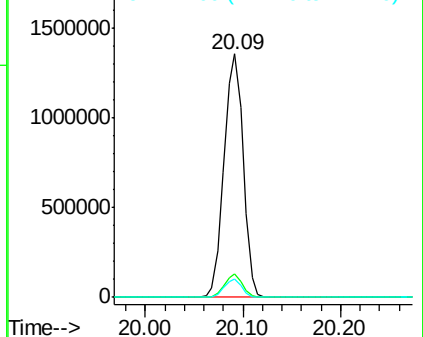
122 7.7 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.771 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

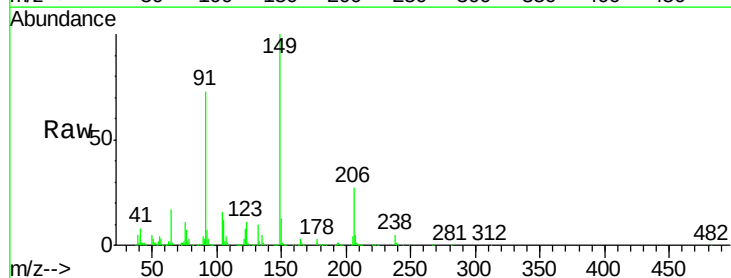
Tgt Ion:149 Resp: 421900

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

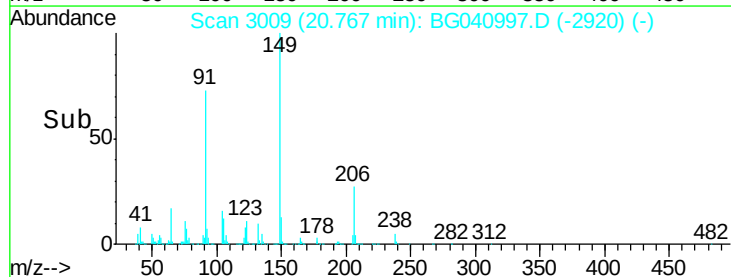
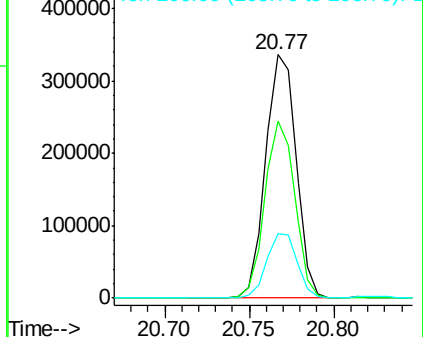
206 26.7 20.3 30.5

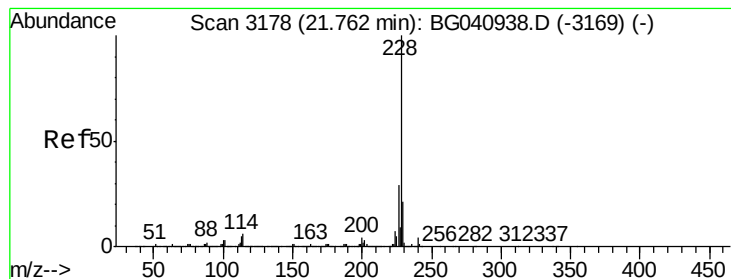


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.197 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

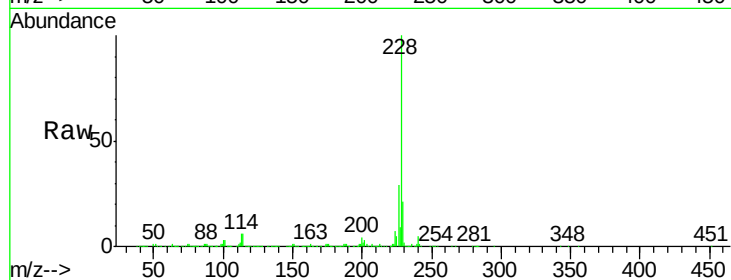
Tgt Ion:228 Resp: 1091826

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

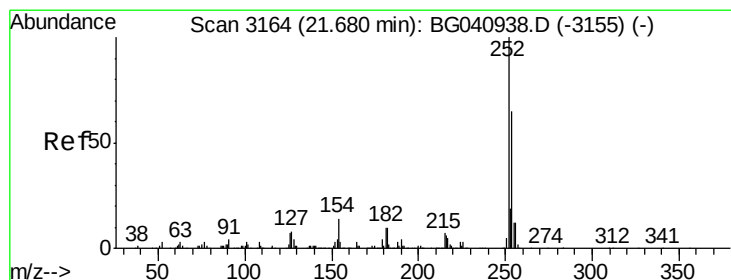
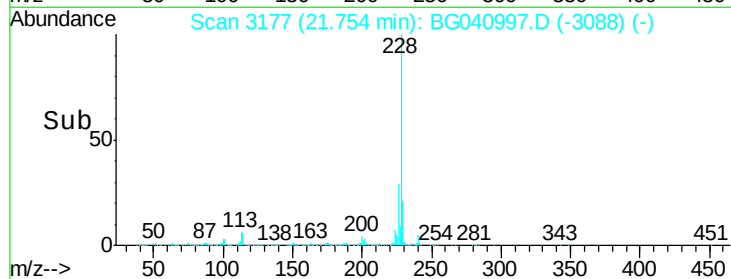
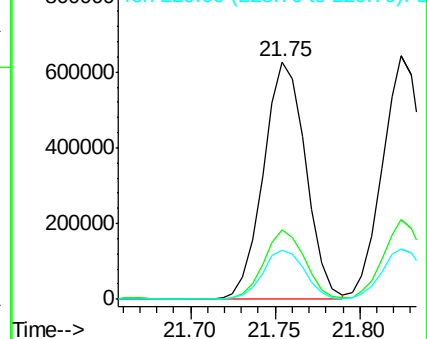
229 20.8 16.7 25.1



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: 23.540 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

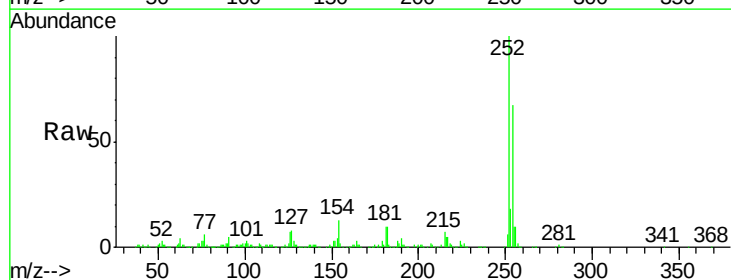
Tgt Ion:252 Resp: 264342

Ion Ratio Lower Upper

252 100

254 66.8 52.1 78.1

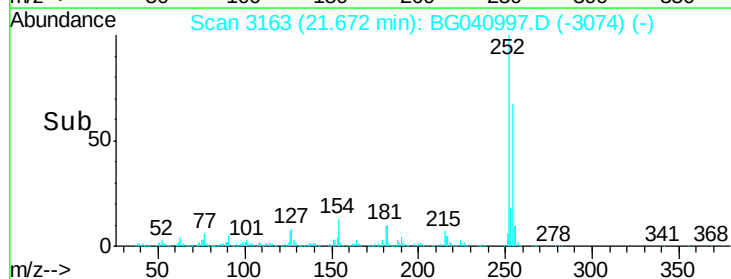
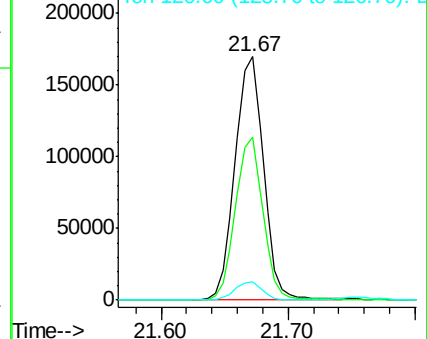
126 7.5 5.5 8.3

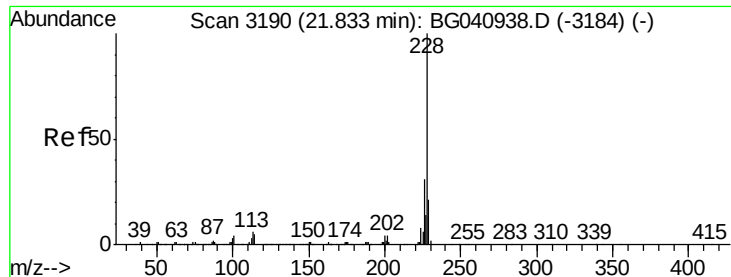


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.090 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

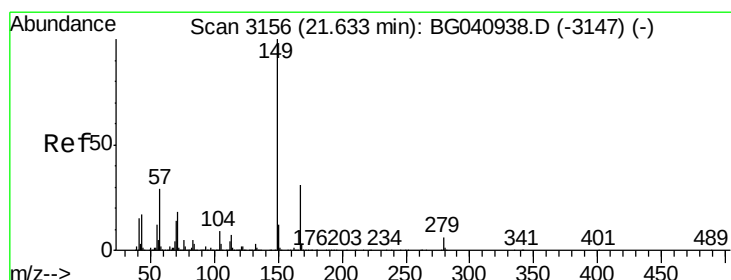
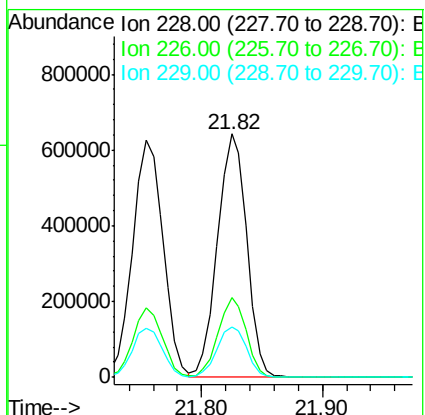
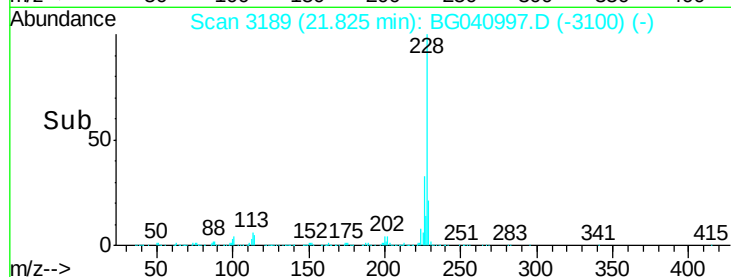
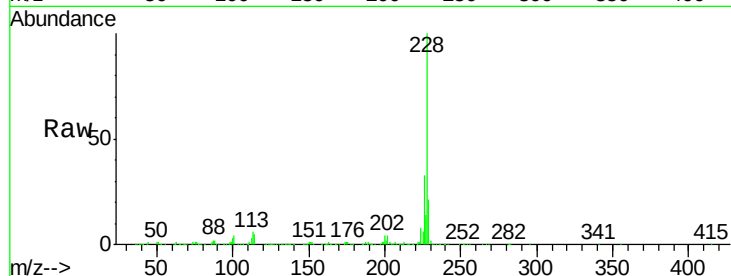
Tgt Ion:228 Resp: 1072106

Ion Ratio Lower Upper

228 100

226 32.8 24.6 37.0

229 20.7 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.057 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

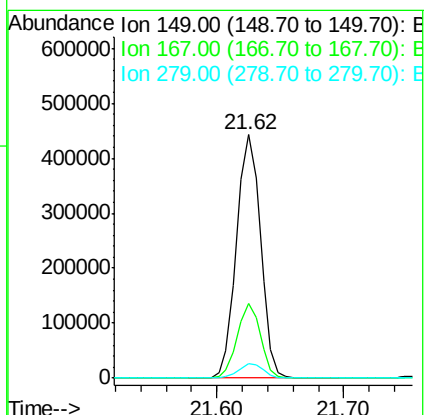
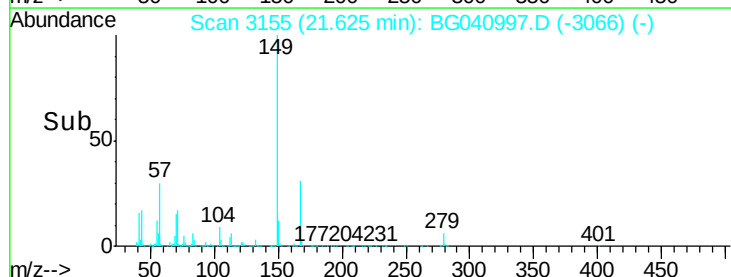
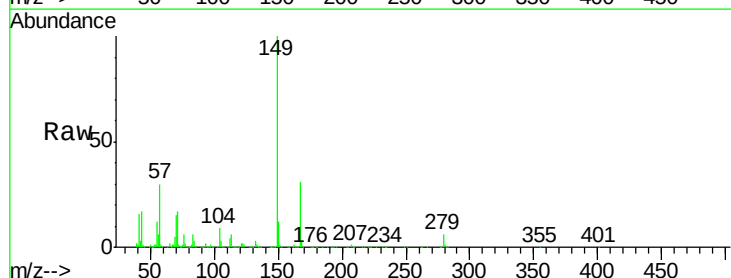
Tgt Ion:149 Resp: 581722

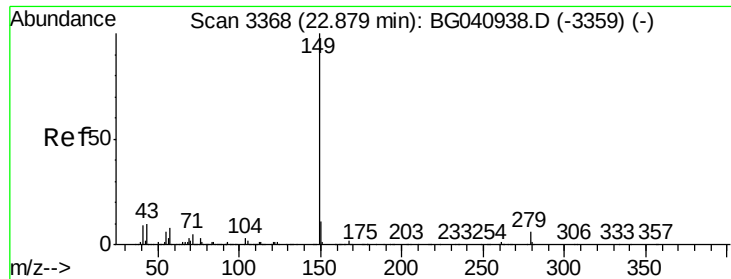
Ion Ratio Lower Upper

149 100

167 30.9 24.6 37.0

279 6.1 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 34.633 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

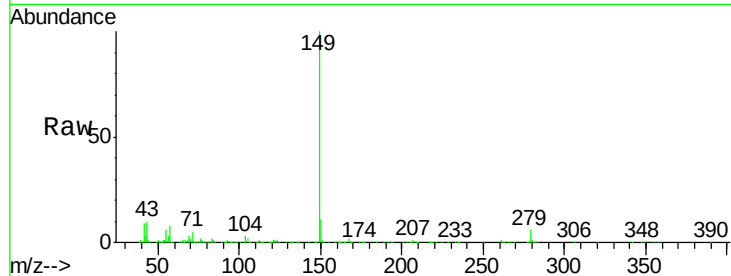
Tgt Ion:149 Resp: 985207

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

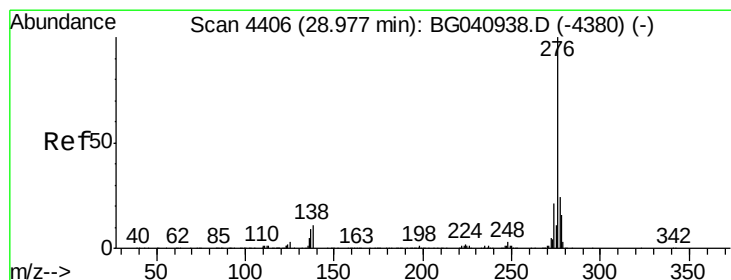
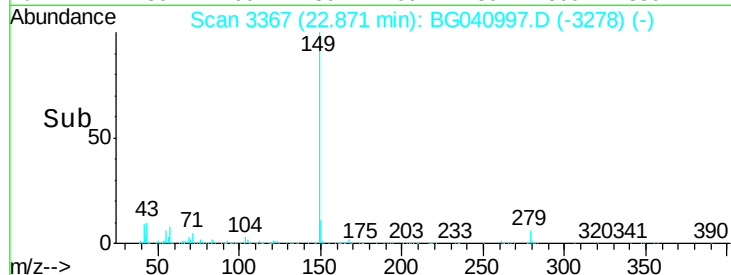
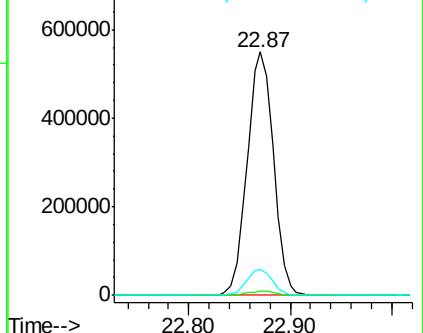
43 10.4 8.1 12.1



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: 34.603 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

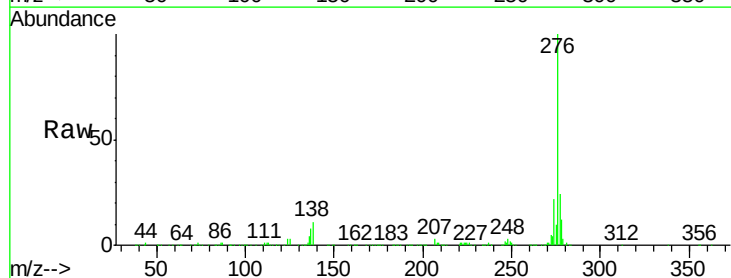
Tgt Ion:276 Resp: 1295081

Ion Ratio Lower Upper

276 100

138 9.8 5.7 8.5#

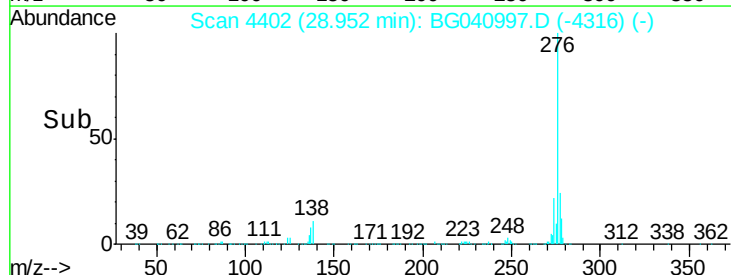
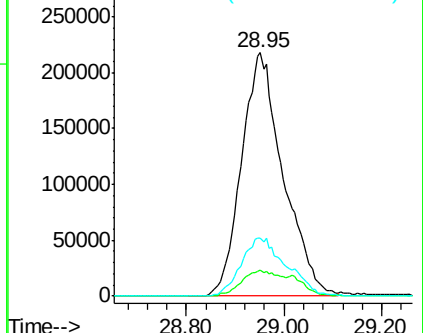
277 26.0 20.8 31.2

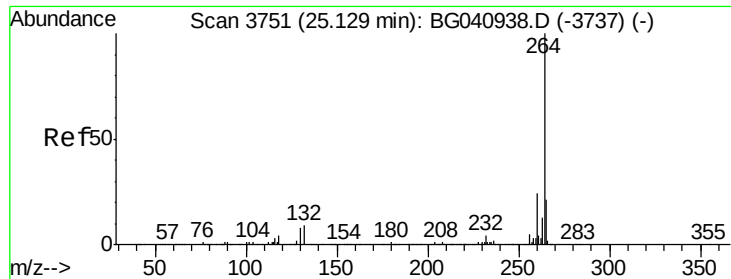


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

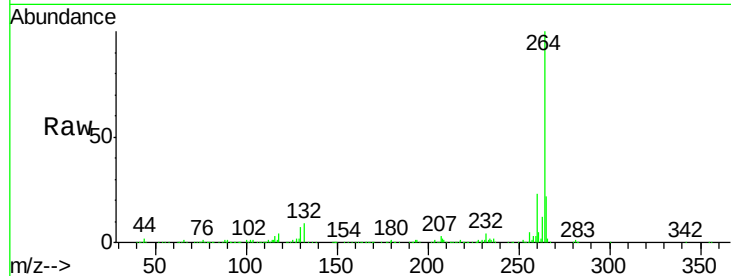
Tgt Ion:264 Resp: 502179

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

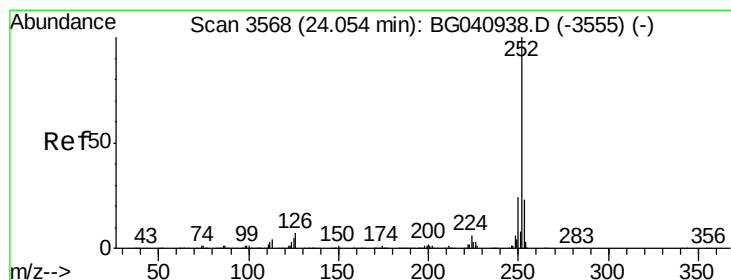
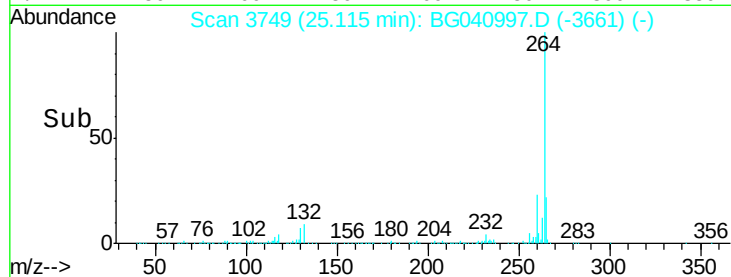
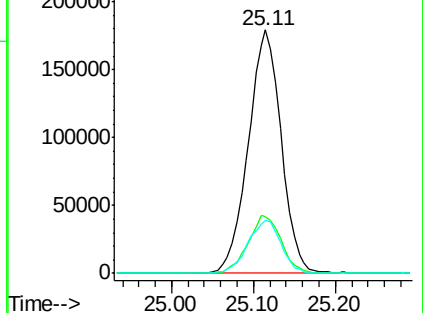
265 21.8 17.0 25.4



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: 36.630 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

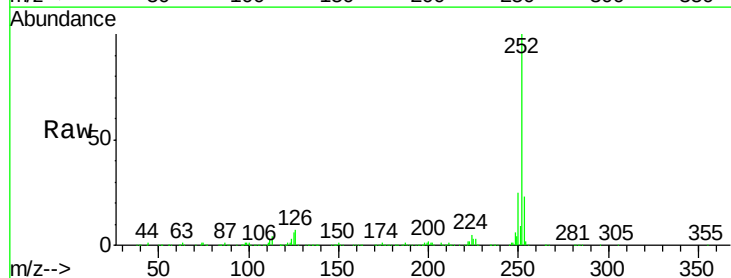
Tgt Ion:252 Resp: 1115705

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

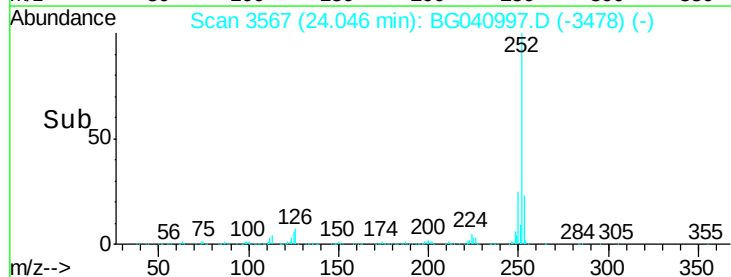
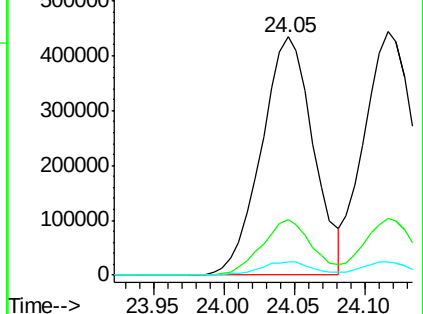
125 5.6 4.3 6.5

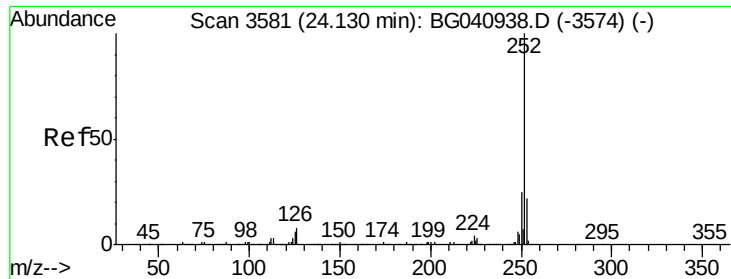


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

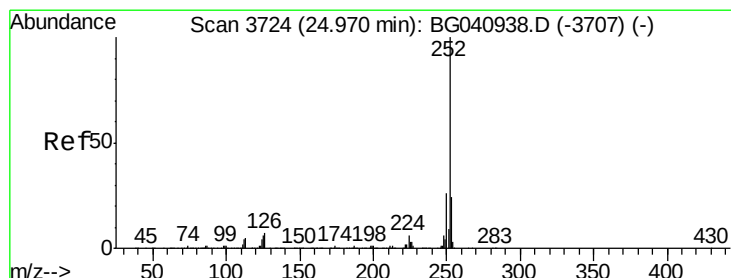
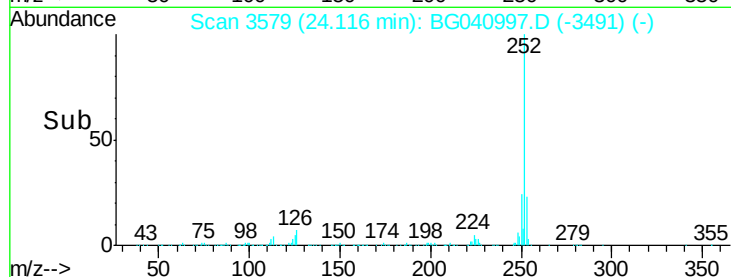
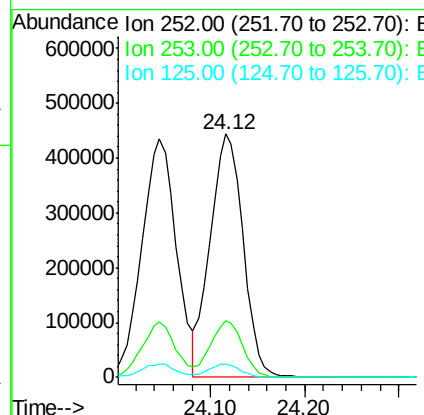
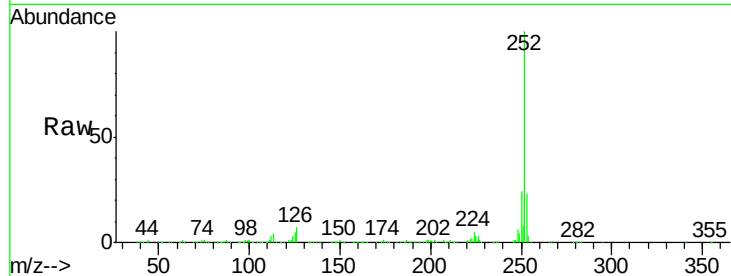




#89
Benzo(k)fluoranthene
Concen: 36.010 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

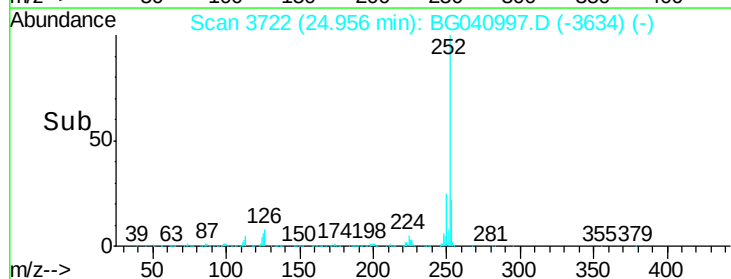
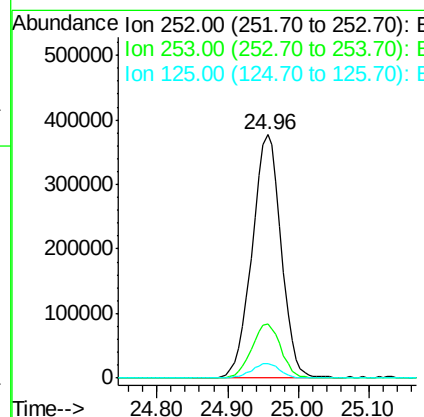
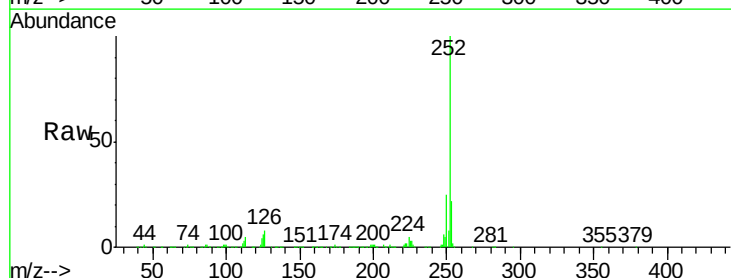
Instrument :
BNA_G
ClientSampleId :
PB120082BSD

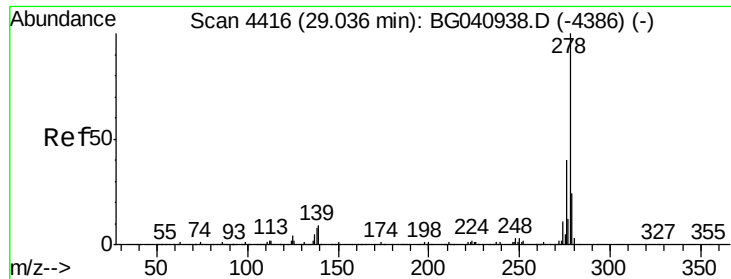
Tgt Ion:252 Resp: 1085387
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 37.314 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040997.D
Acq: 1 Jun 2019 4:45

Tgt Ion:252 Resp: 1084334
Ion Ratio Lower Upper
252 100
253 22.2 19.5 29.3
125 6.2 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 36.732 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

Instrument :

BNA_G

ClientSampleId :

PB120082BSD

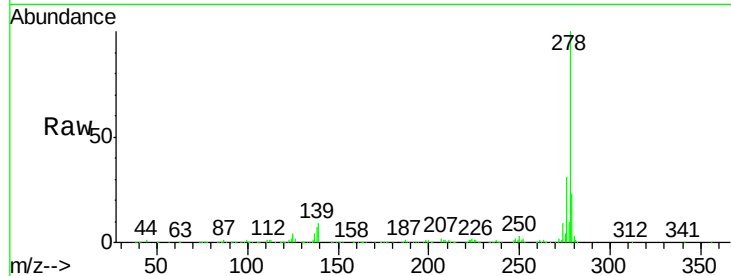
Tgt Ion:278 Resp: 1066581

Ion Ratio Lower Upper

278 100

139 8.6 7.1 10.7

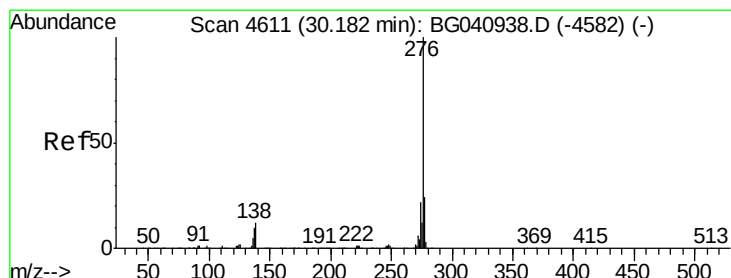
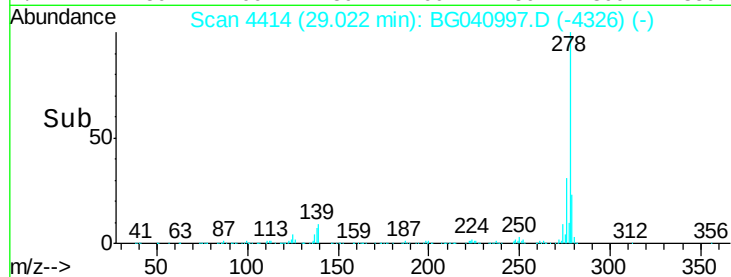
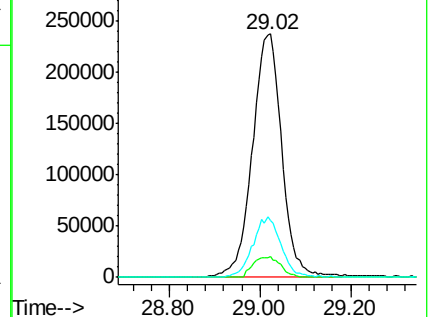
279 23.1 19.4 29.2



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: 37.740 ng

RT: 30.17 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BG040997.D

Acq: 1 Jun 2019 4:45

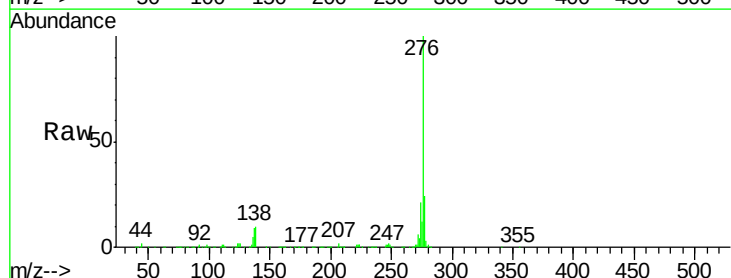
Tgt Ion:276 Resp: 1064648

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 10.1 9.7 14.5



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

