

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041189.D
 Acq On : 11 Jun 2019 14:49
 Operator : HP/JU
 Sample : IDOC-BS-W02-RC
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:54:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34479	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	143348	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	110313	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	275291	20.00	ng	0.00
76) Chrysene-d12	21.76	240	268460	20.00	ng	0.00
87) Perylene-d12	25.09	264	270893	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	265654	138.93	ng	0.00
7) Phenol-d6	7.25	99	383206	129.77	ng	0.00
23) Nitrobenzene-d5	9.29	82	266097	82.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	219721	134.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	652211	85.14	ng	0.00
79) Terphenyl-d14	20.07	244	1169021	92.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	34052	39.246	ng	95
3) Pyridine	3.90	79	91878	35.786	ng	99
4) n-Nitrosodimethylamine	3.83	42	54334	45.599	ng	84
6) Aniline	7.43	93	96592	24.505	ng	99
8) 2-Chlorophenol	7.67	128	105930	46.469	ng	95
9) Benzaldehyde	7.25	77	29910	16.979	ng	82
10) Phenol	7.28	94	144833	45.743	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	96610	42.060	ng	95
12) 1,3-Dichlorobenzene	7.99	146	113079	41.533	ng	95
13) 1,4-Dichlorobenzene	8.14	146	117153	42.510	ng	93
14) 1,2-Dichlorobenzene	8.46	146	112637	42.094	ng	98
15) Benzyl Alcohol	8.35	79	118228	43.281	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	146038	38.909	ng	99
17) 2-Methylphenol	8.54	107	101301	44.188	ng	93
18) Hexachloroethane	9.19	117	43677	41.120	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	89878	39.550	ng	97
20) 3+4-Methylphenols	8.87	107	142663	44.925	ng	96
22) Acetophenone	8.93	105	176748	43.955	ng	97
24) Nitrobenzene	9.33	77	147806	44.917	ng	99
25) Isophorone	9.84	82	260525	42.396	ng	99
26) 2-Nitrophenol	10.04	139	65752	48.469	ng	97
27) 2,4-Dimethylphenol	10.09	122	116447	51.974	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	138705	41.821	ng	99
29) 2,4-Dichlorophenol	10.57	162	134713	47.349	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	143102	44.214	ng	95
31) Naphthalene	10.98	128	346672	45.043	ng	99
32) Benzoic acid	10.23	122	65483	39.352	ng	92
33) 4-Chloroaniline	11.09	127	75475	21.135	ng	95
34) Hexachlorobutadiene	11.24	225	102770	41.498	ng	95
35) Caprolactam	11.88	113	40418	43.019	ng	92
36) 4-Chloro-3-methylphenol	12.20	107	151900	46.749	ng	97
37) 2-Methylnaphthalene	12.58	142	271578	45.815	ng	99
38) 1-Methylnaphthalene	12.79	142	259388	46.436	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	203835	45.845	ng	99

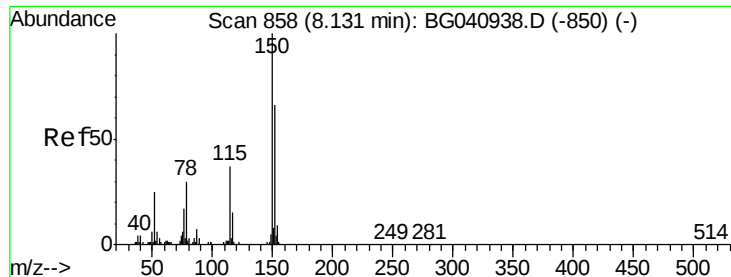
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041189.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	217957	90.041	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	133362	46.366	ng	94
44) 2,4,5-Trichlorophenol	13.25	196	138878	45.782	ng	97
46) 1,1'-Biphenyl	13.57	154	376764	46.140	ng	98
47) 2-Chloronaphthalene	13.62	162	311987	44.506	ng	97
48) 2-Nitroaniline	13.83	65	110936	44.113	ng	99
49) Acenaphthylene	14.46	152	488126	46.266	ng	99
50) Dimethylphthalate	14.19	163	404085	43.273	ng	98
51) 2,6-Dinitrotoluene	14.32	165	90342	44.871	ng	98
52) Acenaphthene	14.80	154	283706	44.388	ng	94
53) 3-Nitroaniline	14.65	138	63184	31.383	ng	# 89
54) 2,4-Dinitrophenol	14.86	184	91450	84.894	ng	95
55) Dibenzofuran	15.13	168	500047	46.496	ng	99
56) 4-Nitrophenol	14.95	139	130044	94.171	ng	96
57) 2,4-Dinitrotoluene	15.10	165	131989	46.409	ng	98
58) Fluorene	15.78	166	394856	46.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	144694	48.537	ng	97
60) Diethylphthalate	15.54	149	415451	43.595	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	247933	44.537	ng	93
62) 4-Nitroaniline	15.81	138	91129	42.755	ng	94
63) Azobenzene	16.06	77	387236	44.708	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	74300	49.943	ng	99
66) n-Nitrosodiphenylamine	15.98	169	357476	46.193	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	163629	44.044	ng	97
68) Hexachlorobenzene	16.78	284	169065	42.736	ng	98
69) Atrazine	16.92	200	148550	49.748	ng	98
70) Pentachlorophenol	17.12	266	188216	88.343	ng	94
71) Phenanthrene	17.52	178	663749	46.288	ng	99
72) Anthracene	17.62	178	679928	48.077	ng	99
73) Carbazole	17.89	167	580300	47.821	ng	100
74) Di-n-butylphthalate	18.42	149	684781	45.403	ng	98
75) Fluoranthene	19.53	202	846795	47.810	ng	99
77) Benzidine	19.71	184	260547	40.684	ng	98
78) Pyrene	19.89	202	847958	48.589	ng	98
80) Butylbenzylphthalate	20.76	149	309839	45.622	ng	97
81) Benzo(a)anthracene	21.74	228	812762	45.481	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	199318	31.711	ng	100
83) Chrysene	21.81	228	796835	46.595	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	438059	45.820	ng	98
85) Di-n-octyl phthalate	22.85	149	740347	46.497	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	728877	34.794	ng	# 97
88) Benzo(b)fluoranthene	24.02	252	797682	48.549	ng	100
89) Benzo(k)fluoranthene	24.09	252	782445	48.123	ng	98
90) Benzo(a)pyrene	24.93	252	784685	50.057	ng	96
91) Dibenzo(a,h)anthracene	28.98	278	614060	39.203	ng	98
92) Benzo(g,h,i)perylene	30.12	276	595151	39.109	ng	98

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

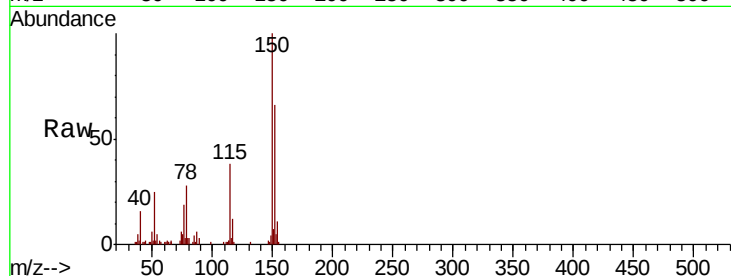


#1

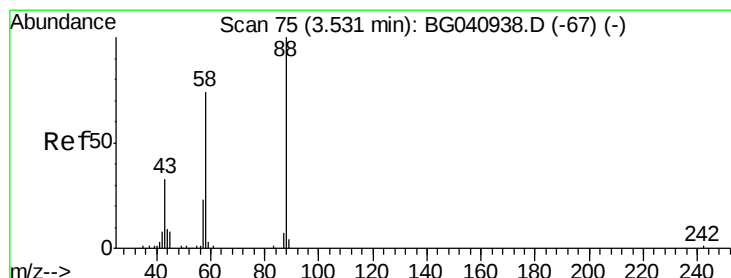
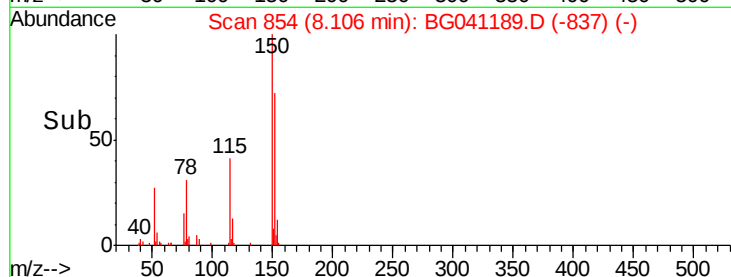
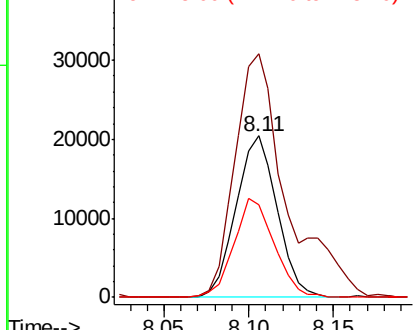
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34479
Ion Ratio Lower Upper
152 100
150 150.6 120.6 180.8
115 57.3 45.1 67.7



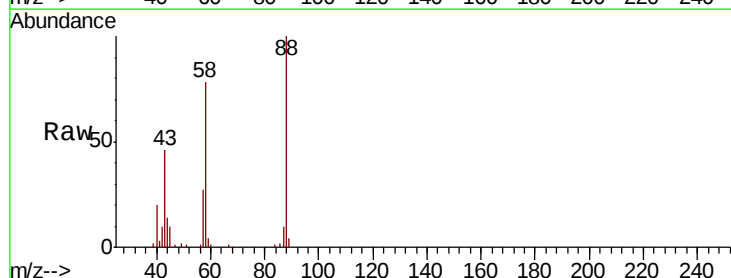
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



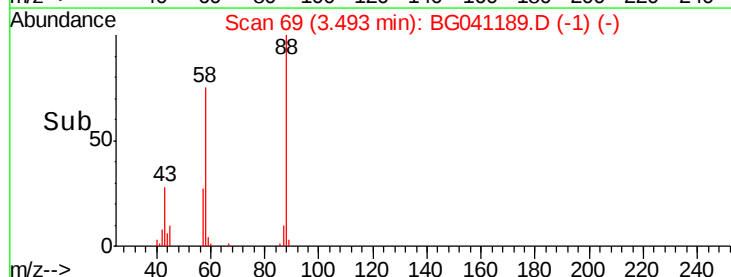
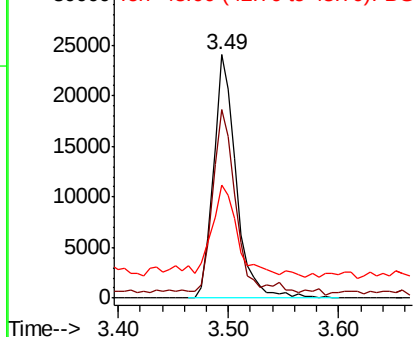
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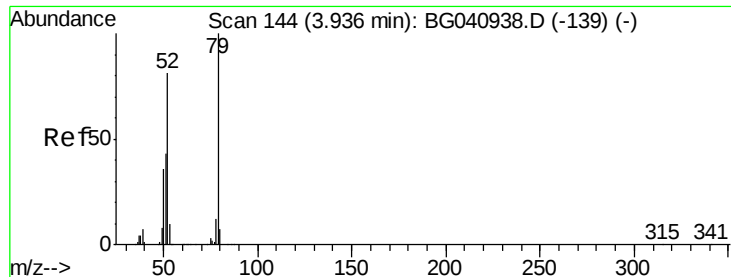
1,4-Dioxane
Concen: 39.246 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion: 88 Resp: 34052
Ion Ratio Lower Upper
88 100
58 76.4 59.0 88.6
43 39.8 27.2 40.8



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





#3

Pvridine

Concen: 35.786 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

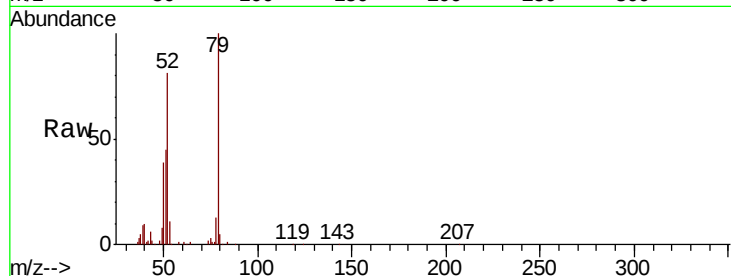
Tot Ion: 79 Resp: 91878

Ion Ratio Lower Upper

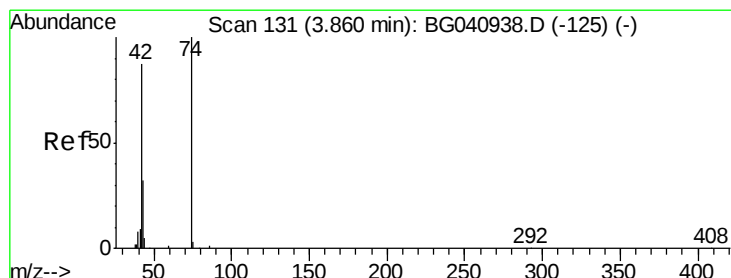
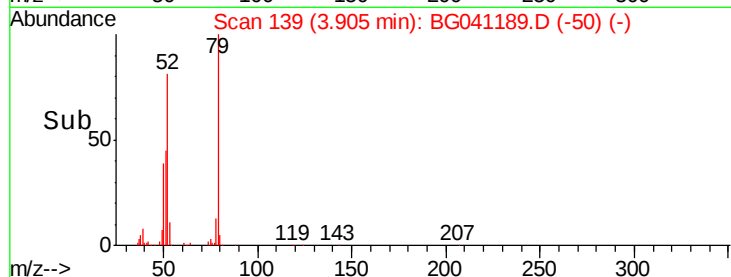
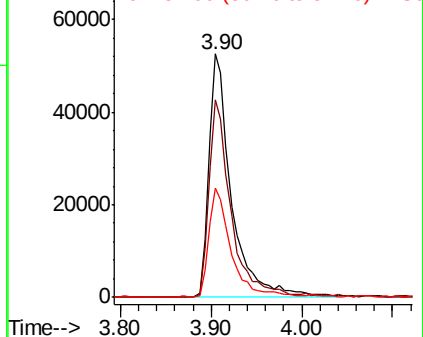
79 100

52 81.1 64.8 97.2

51 44.9 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: 45.599 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

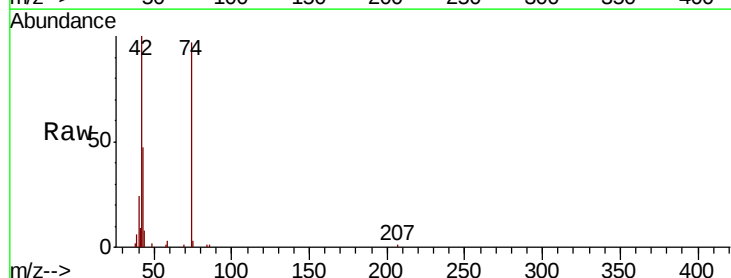
Tgt Ion: 42 Resp: 54334

Ion Ratio Lower Upper

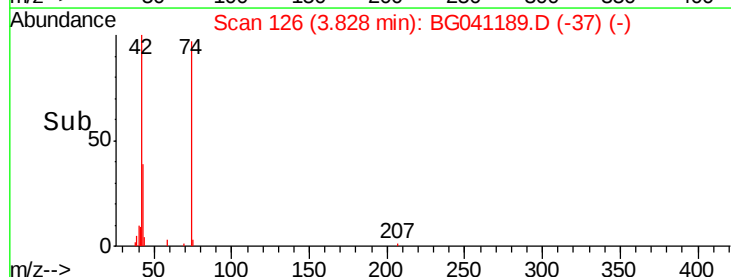
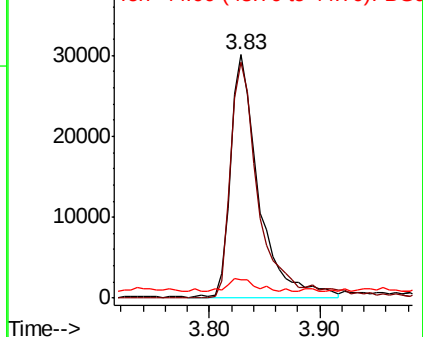
42 100

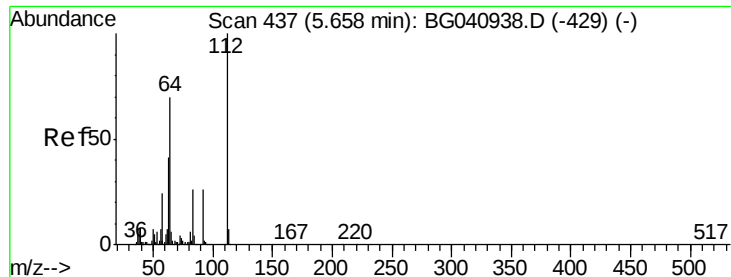
74 96.8 91.8 137.6

44 7.6 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: 138.934 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

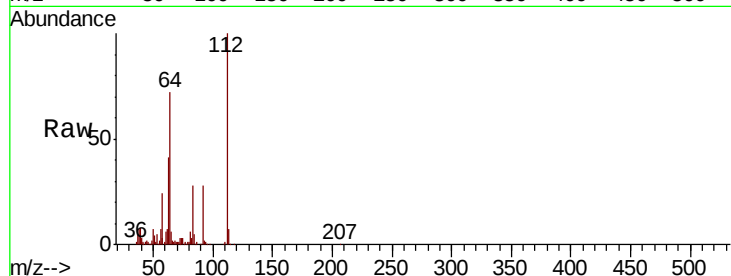
Tot Ion:112 Resp: 265654

Ion Ratio Lower Upper

112 100

64 72.5 56.2 84.2

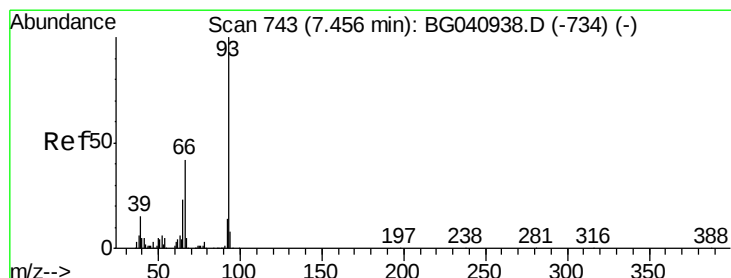
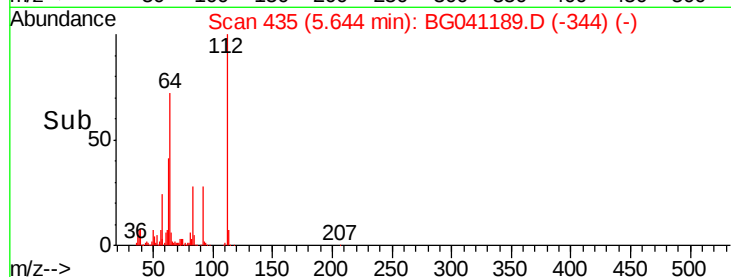
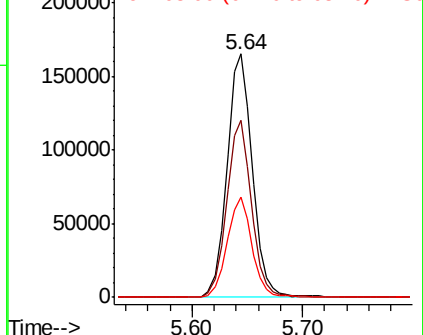
63 41.3 32.8 49.2



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: 24.505 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

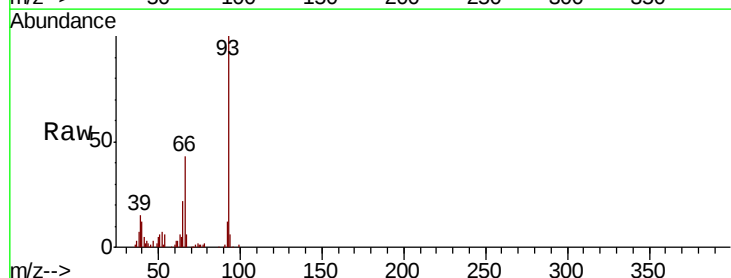
Tgt Ion: 93 Resp: 96592

Ion Ratio Lower Upper

93 100

66 42.8 33.8 50.8

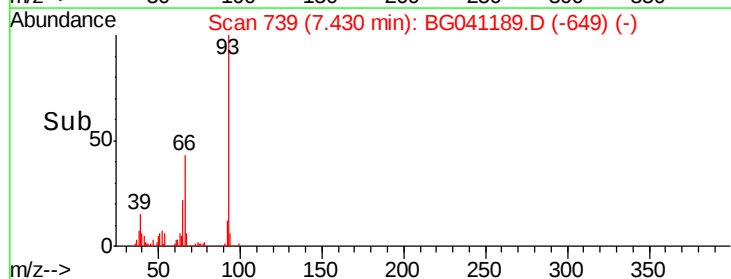
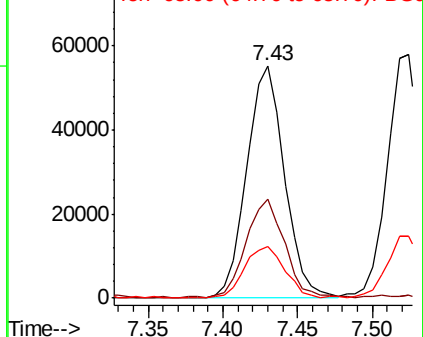
65 22.4 18.3 27.5

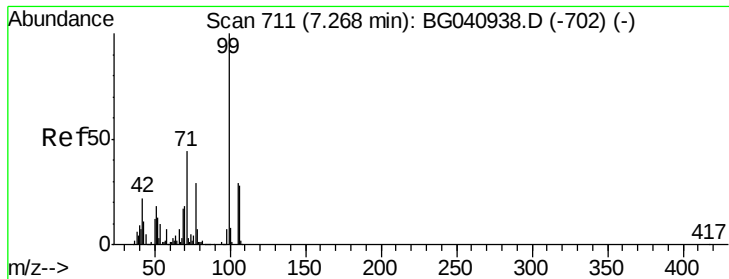


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.767 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampled :

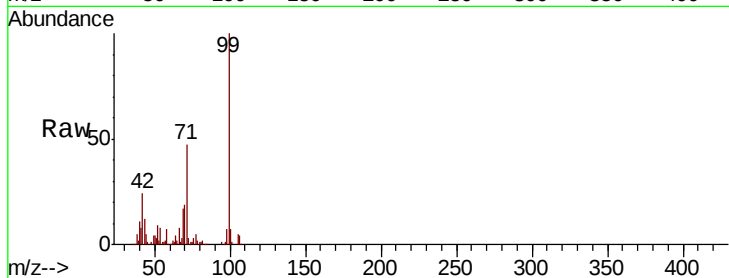
Tot Ion: 99 Resp: 383206

Ion Ratio Lower Upper

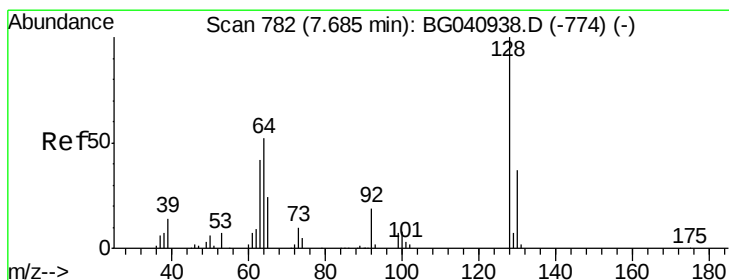
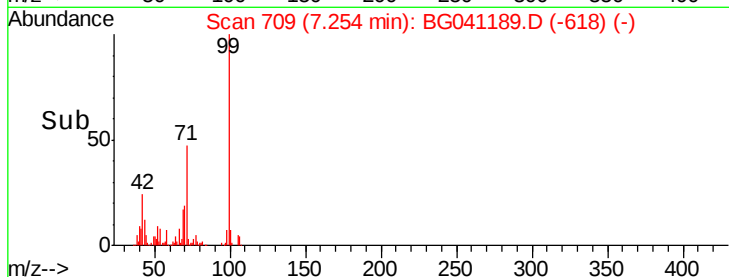
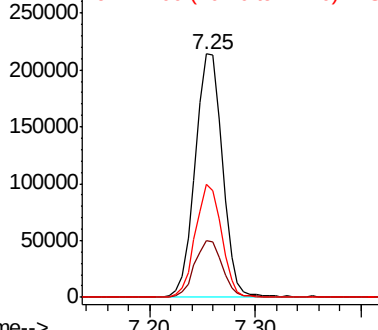
99 100

42 23.6 17.9 26.9

71 46.6 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.469 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

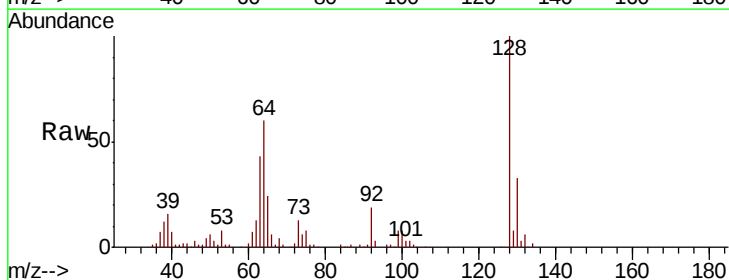
Tgt Ion: 128 Resp: 105930

Ion Ratio Lower Upper

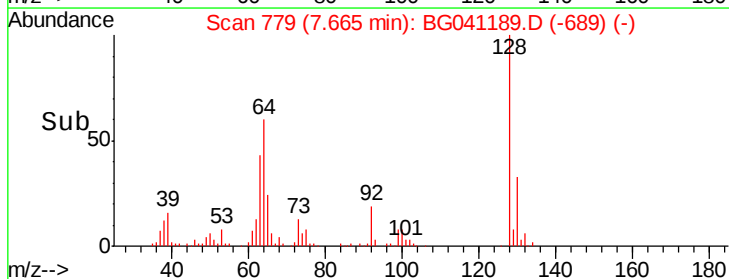
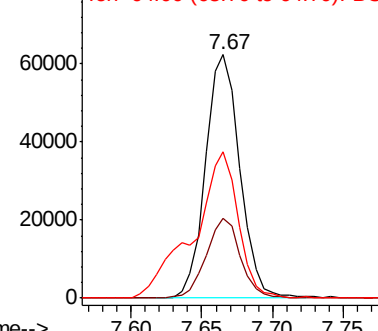
128 100

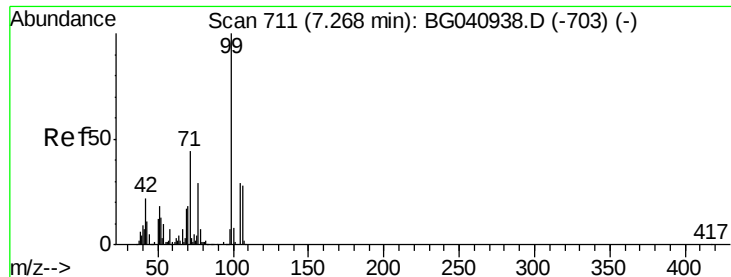
130 32.6 16.6 56.6

64 60.2 37.8 77.8



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





#9

Benzaldehyde

Concen: 16.979 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

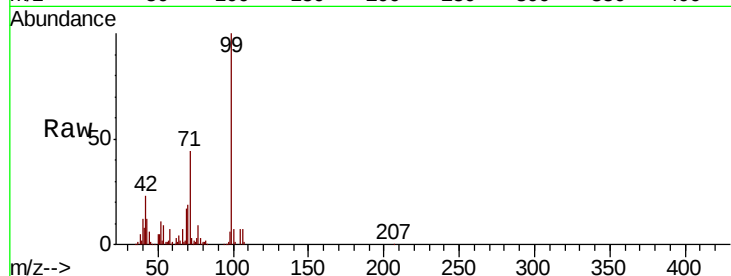
Tot Ion: 77 Resp: 29910

Ion Ratio Lower Upper

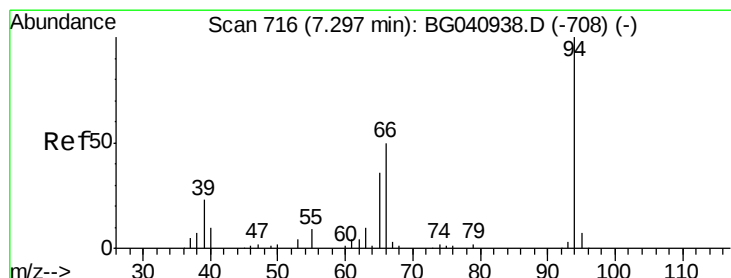
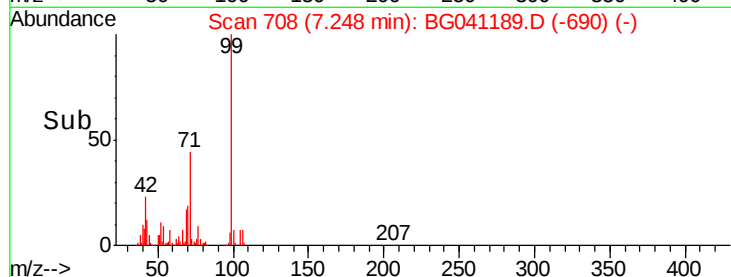
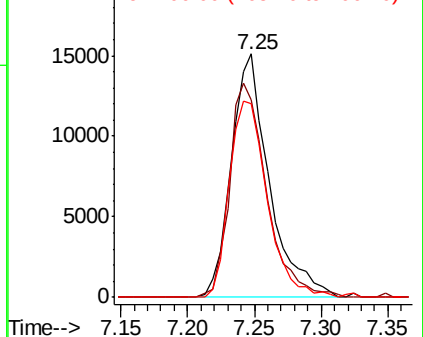
77 100

105 81.2 78.9 118.9

106 79.4 76.7 116.7



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



#10

Phenol

Concen: 45.743 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

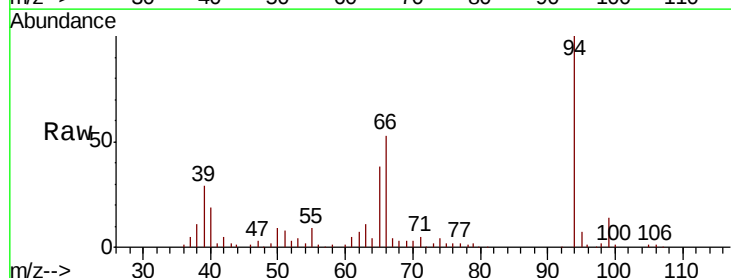
Tgt Ion: 94 Resp: 144833

Ion Ratio Lower Upper

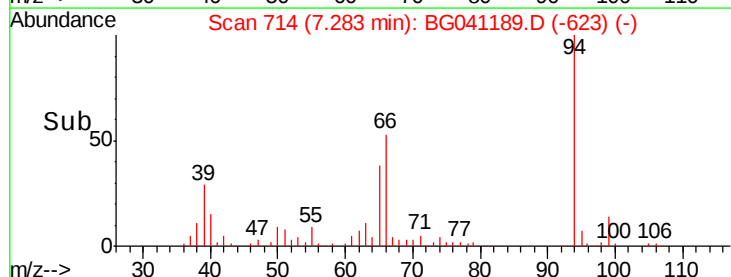
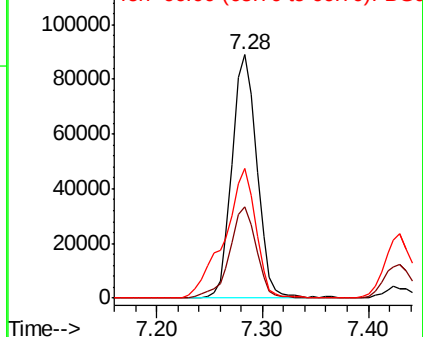
94 100

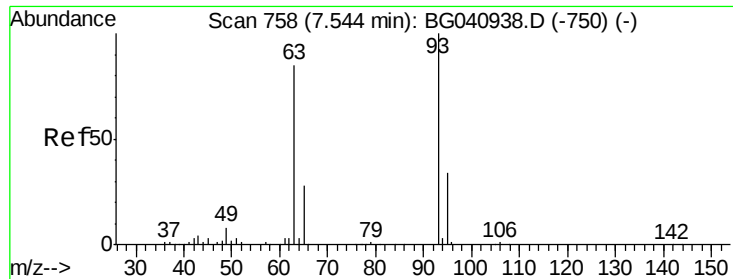
65 37.7 17.0 57.0

66 53.4 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

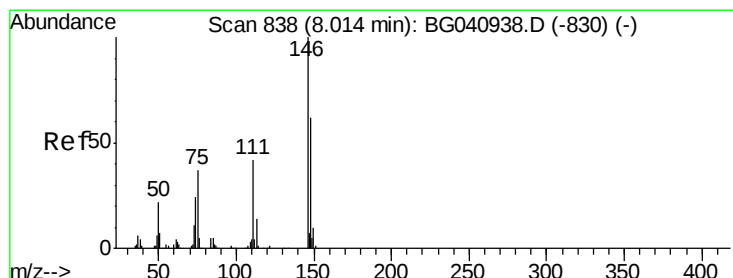
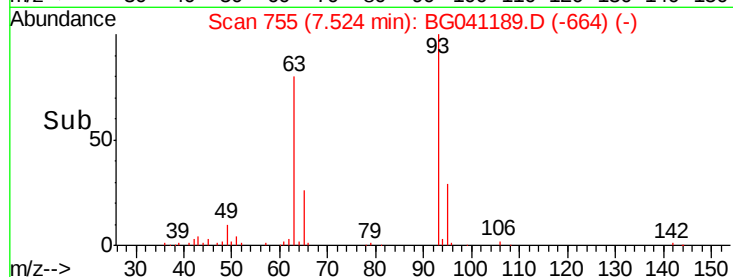
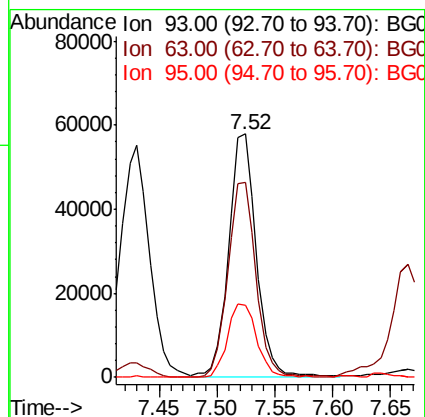
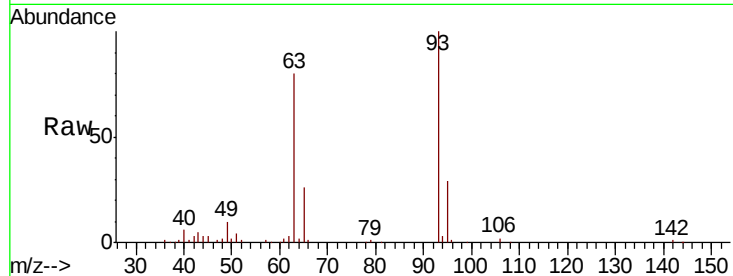




#11
 bis(2-Chloroethyl)ether
 Concen: 42.060 ng
 RT: 7.52 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

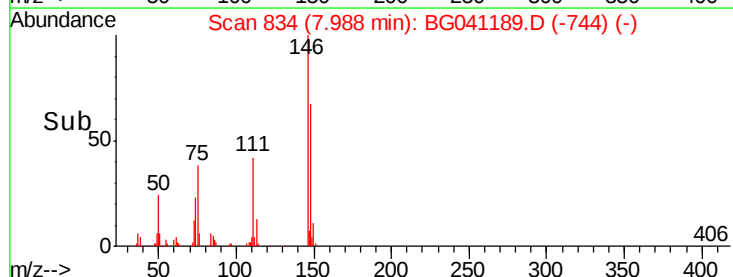
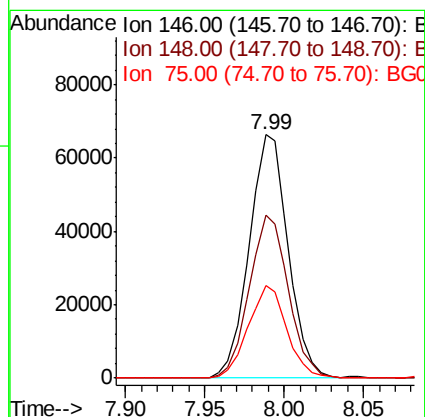
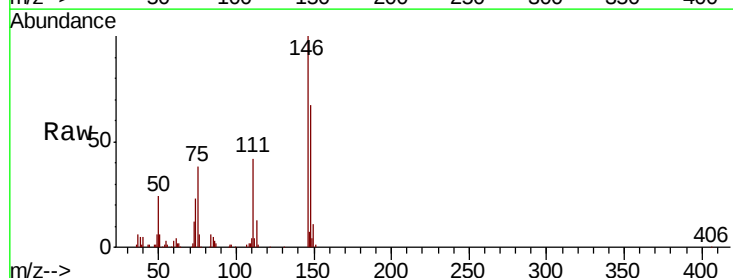
Instrument :
 BNA_G
 ClientSampleId :

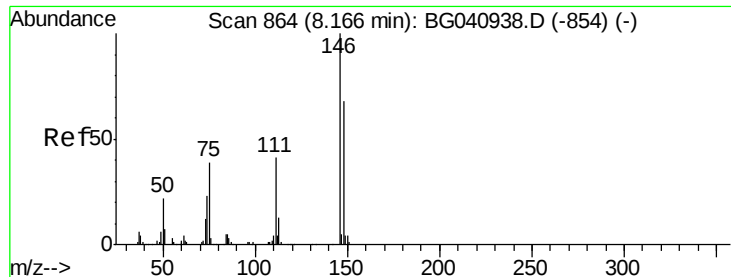
Tot Ion: 93 Resp: 96610
 Ion Ratio Lower Upper
 93 100
 63 80.2 64.5 104.5
 95 29.4 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.533 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion: 146 Resp: 113079
 Ion Ratio Lower Upper
 146 100
 148 66.8 49.2 73.8
 75 38.0 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 42.510 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

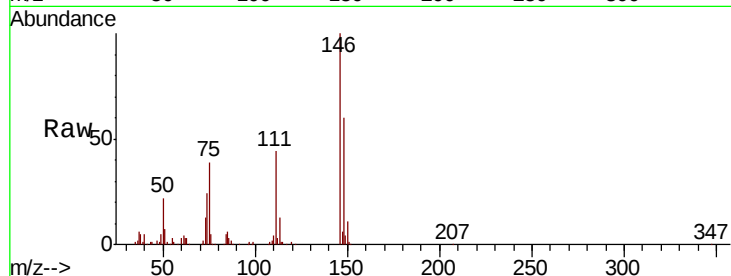
Tot Ion:146 Resp: 117153

Ion Ratio Lower Upper

146 100

148 60.3 54.2 81.4

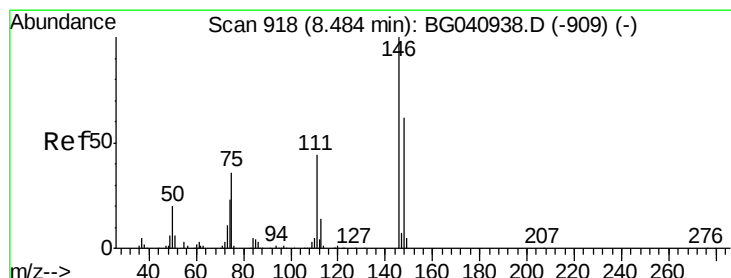
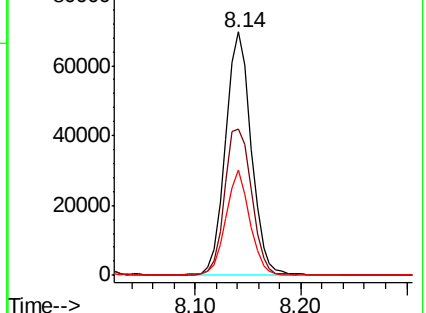
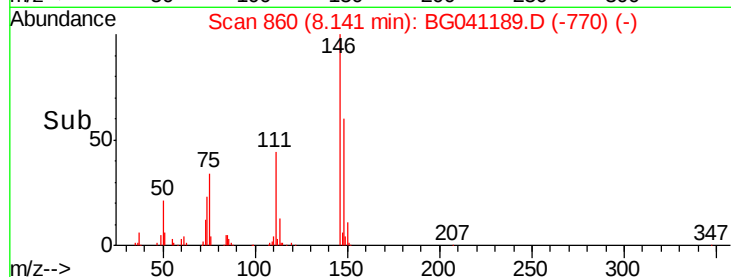
111 43.5 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.094 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

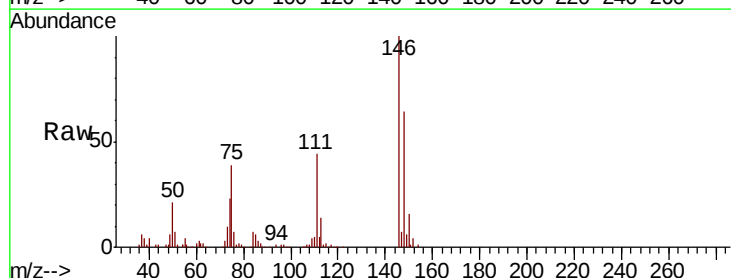
Tgt Ion:146 Resp: 112637

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

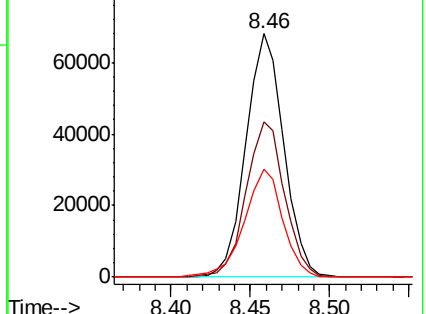
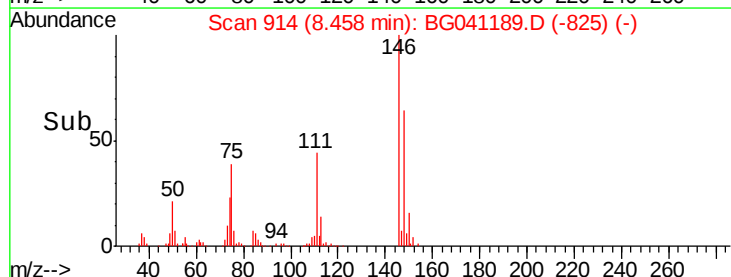
111 44.4 35.0 52.4

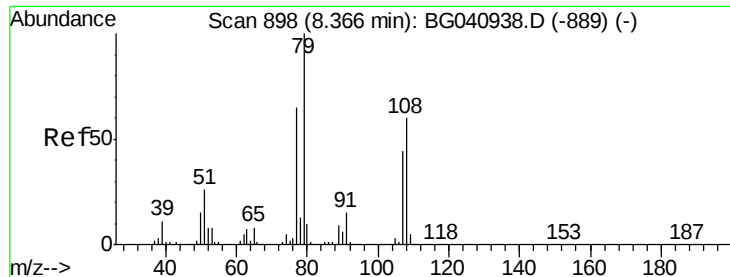


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.281 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

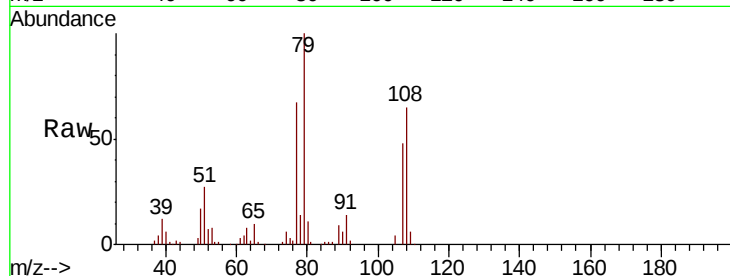
Tot Ion: 79 Resp: 118228

Ion Ratio Lower Upper

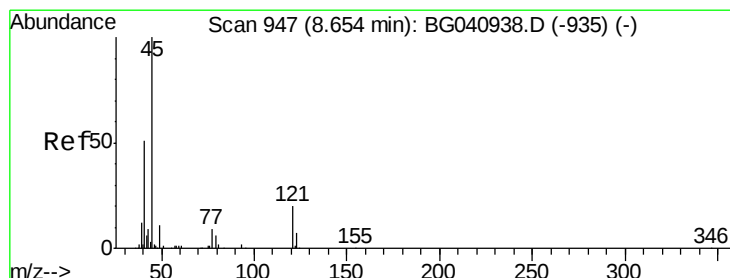
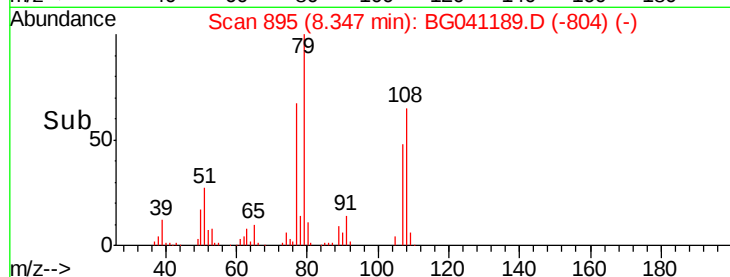
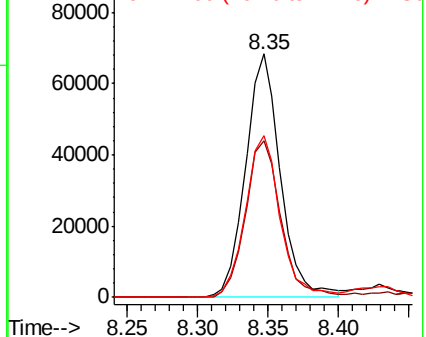
79 100

108 64.5 48.3 72.5

77 66.6 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.909 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

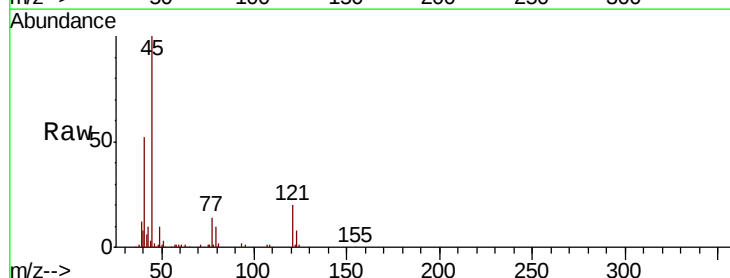
Tgt Ion: 45 Resp: 146038

Ion Ratio Lower Upper

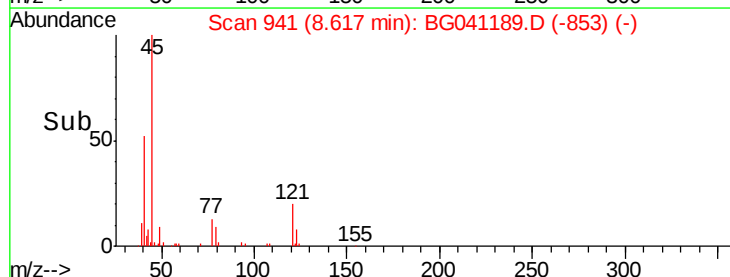
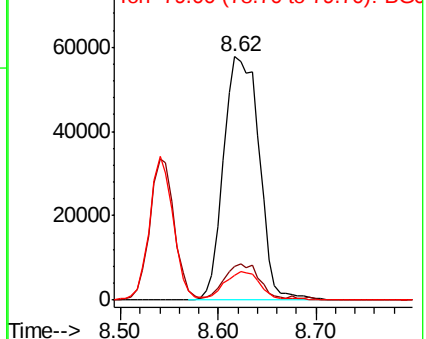
45 100

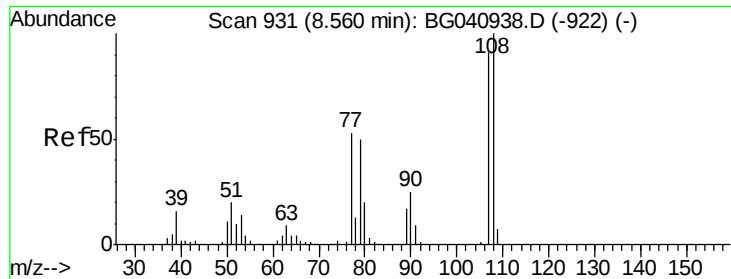
77 14.0 0.0 33.7

79 10.1 0.0 30.2



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

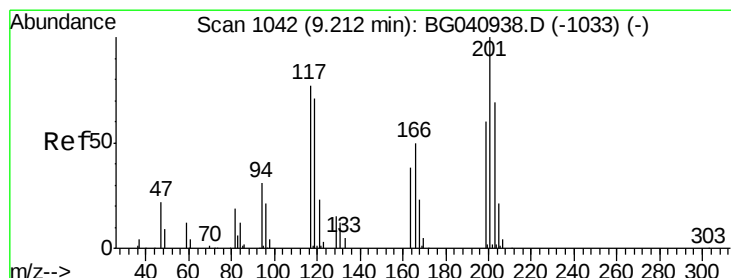
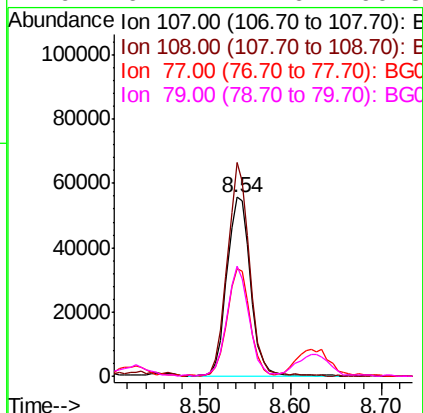
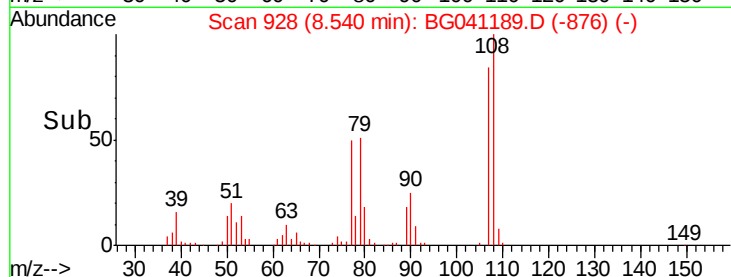
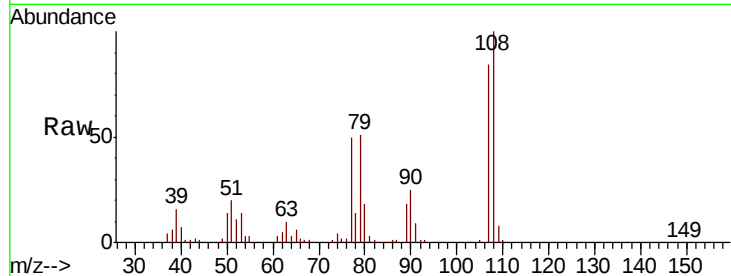




#17
2-Methylphenol
Concen: 44.188 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

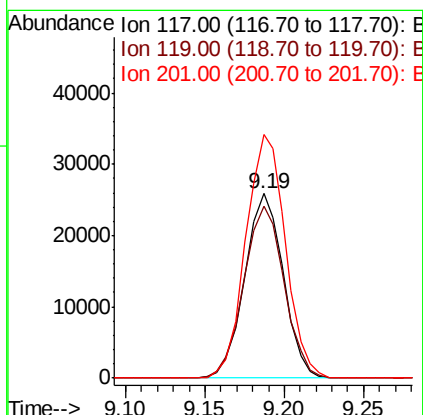
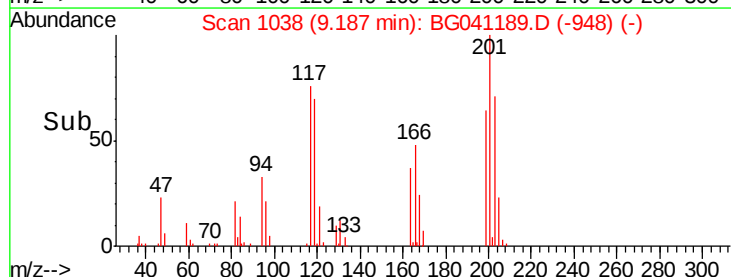
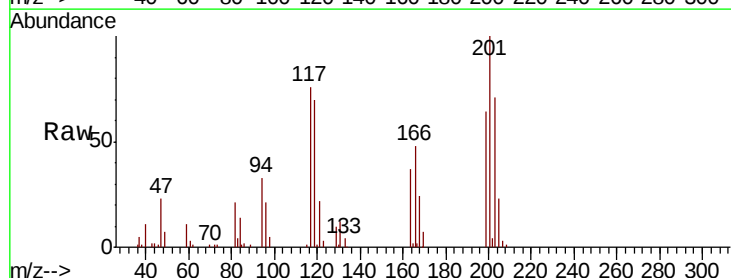
Instrument :
BNA_G
ClientSampled :

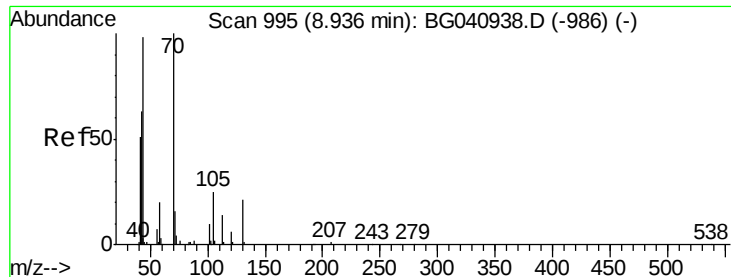
Tot Ion	Ratio	Lower	Upper
107	100		
108	119.4	87.7	131.5
77	60.2	46.6	70.0
79	61.4	44.6	66.8



#18
Hexachloroethane
Concen: 41.120 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
201	132.1	103.5	155.3

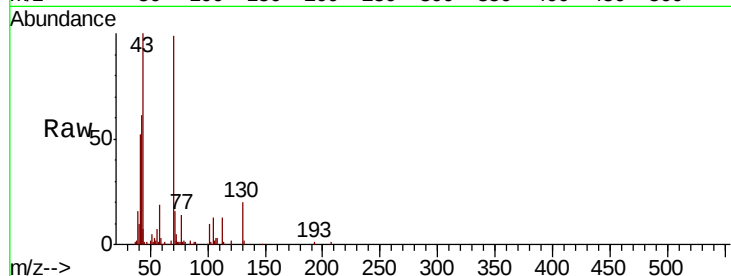




#19
n-Nitroso-di-n-propylamine
Concen: 39.550 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	89878
Ion	Ratio	Lower	Upper
70	100		
42	61.0	51.5	77.3
101	10.5	8.1	12.1
130	20.1	16.6	24.8



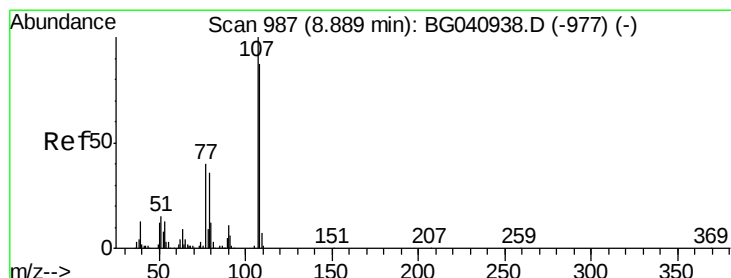
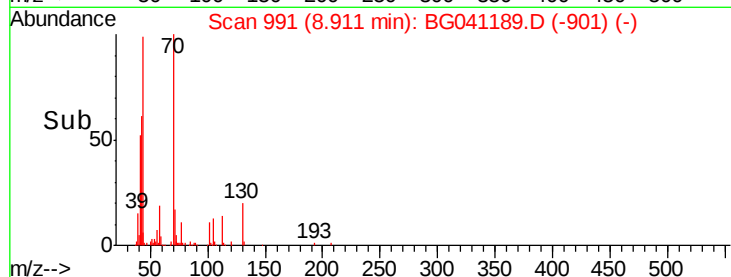
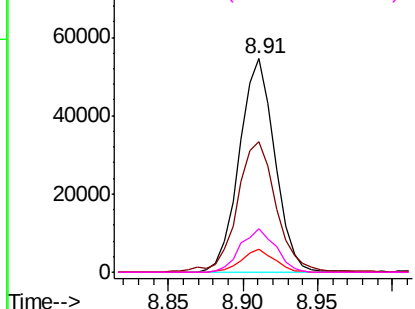
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

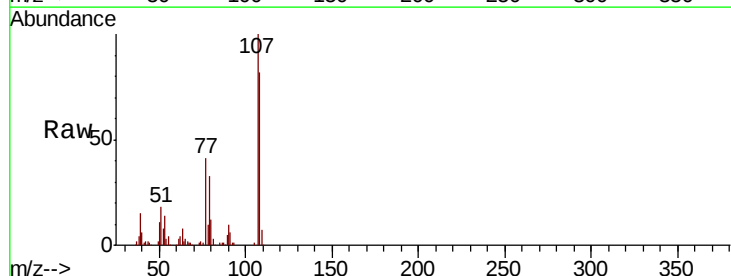
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.925 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:	107	Resp:	142663
Ion	Ratio	Lower	Upper
107	100		
108	82.2	66.8	106.8
77	40.9	20.5	60.5
79	32.6	15.8	55.8



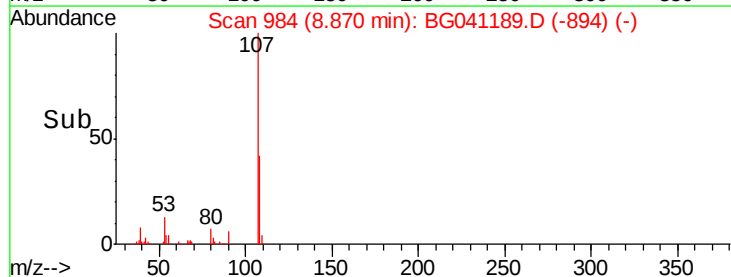
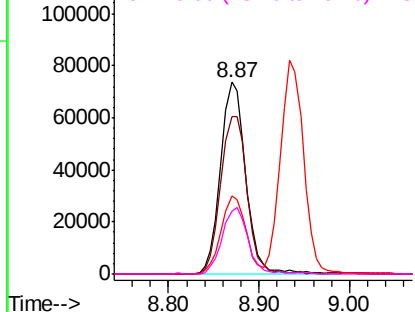
Abundance

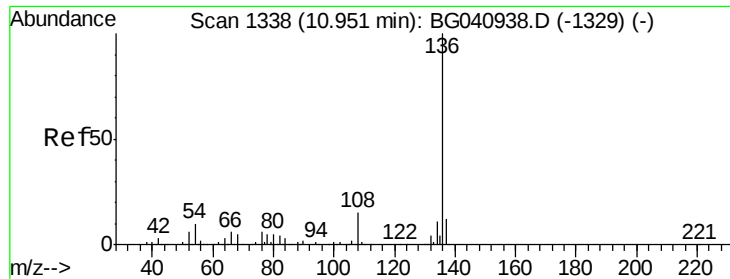
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

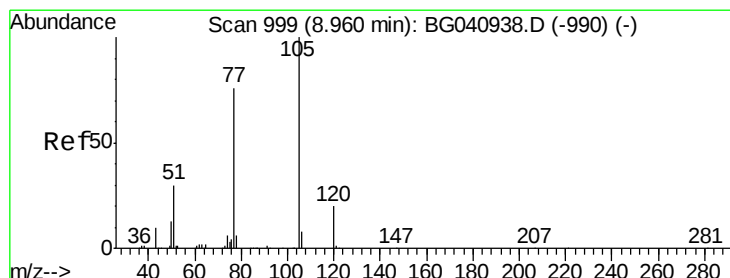
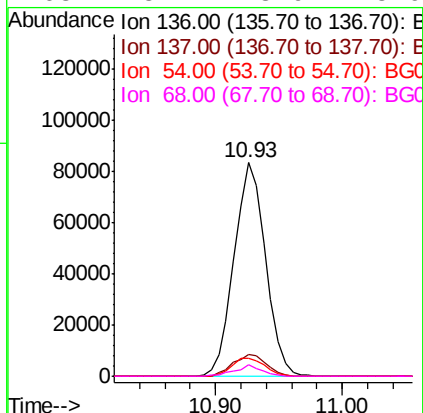
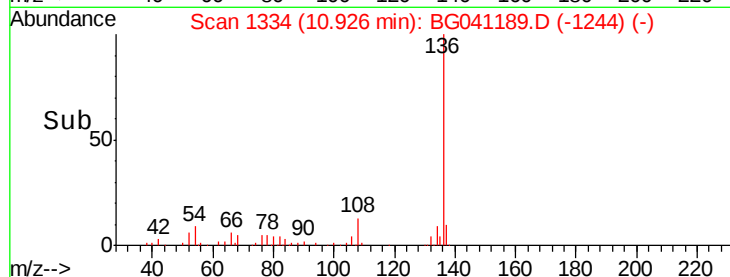
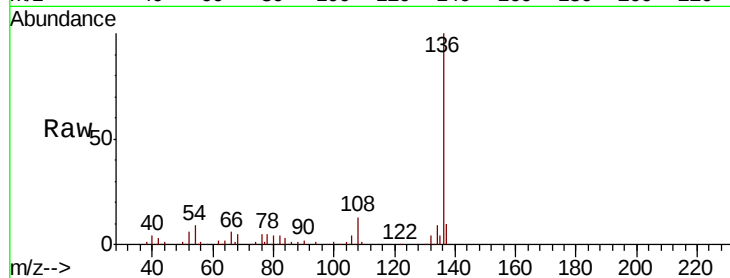




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

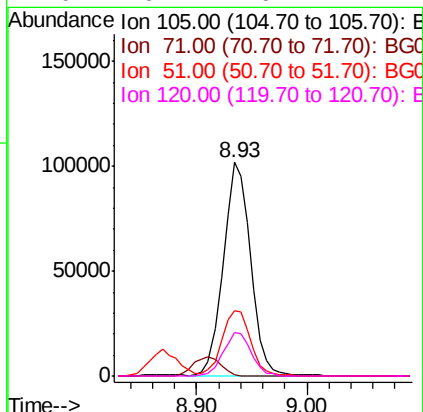
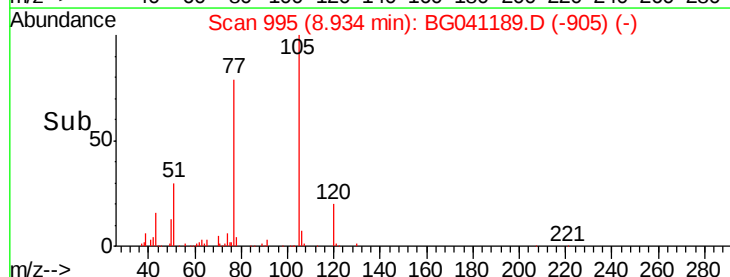
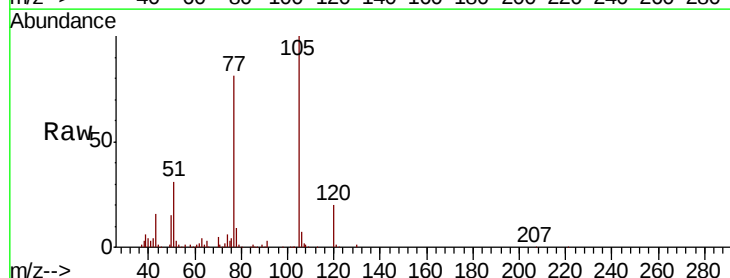
Instrument :
BNA_G
ClientSampleId :

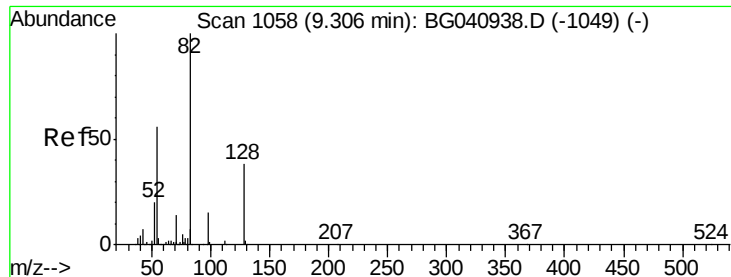
Tot Ion:136	Resp:	143348
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.5 14.3
54	8.6	7.6 11.4
68	5.2	3.9 5.9



#22
Acetophenone
Concen: 43.955 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:105	Resp:	176748
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	30.7	27.0 40.6
120	20.2	16.2 24.4

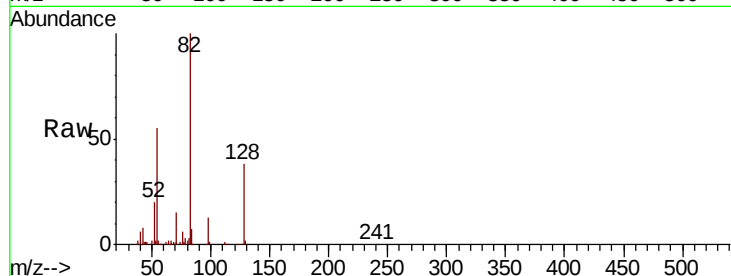




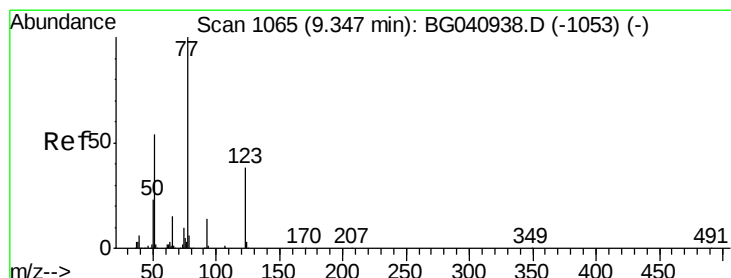
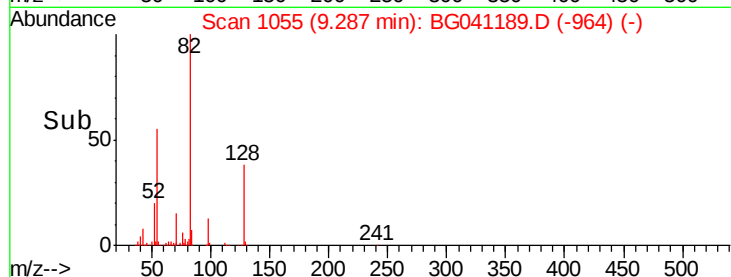
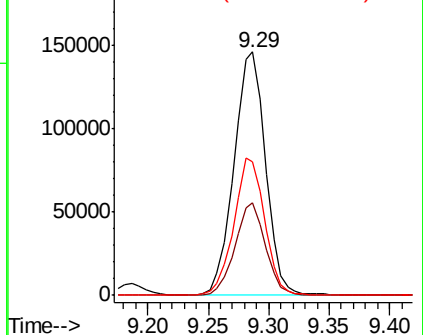
#23
 Nitrobenzene-d5
 Concen: 82.408 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	266097
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.5	45.7
54	55.0	44.6	66.8

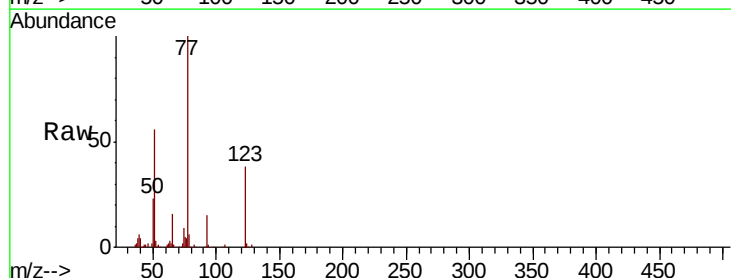


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

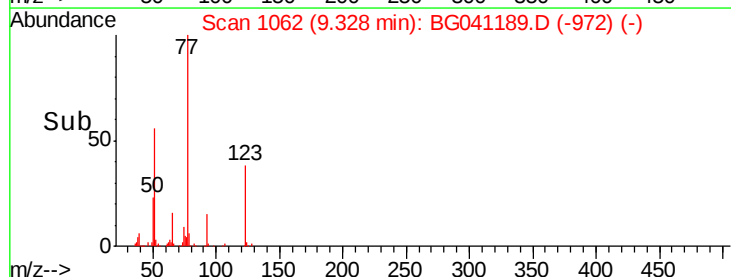
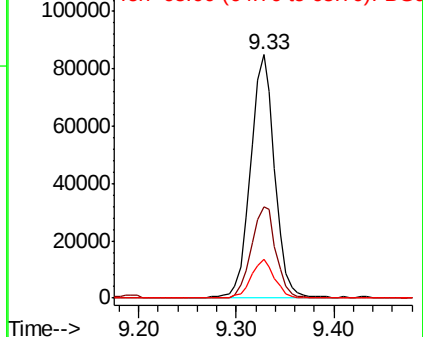


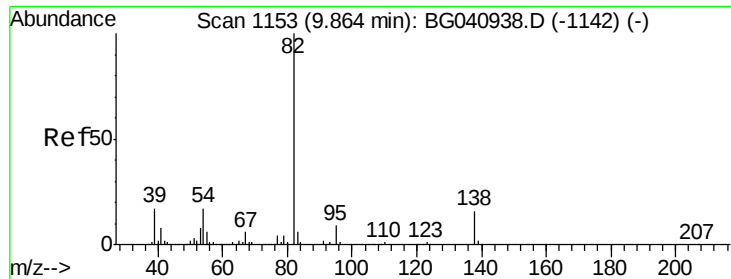
#24
 Nitrobenzene
 Concen: 44.917 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion	77	Resp	147806
Ion Ratio	Lower	Upper	
77	100		
123	37.7	30.6	46.0
65	15.8	12.3	18.5



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





#25

Isophorone

Concen: 42.396 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

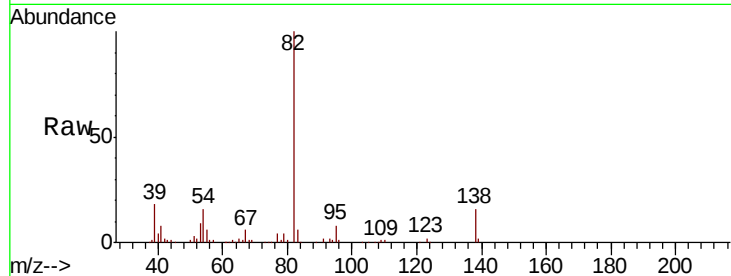
Tot Ion: 82 Resp: 260525

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

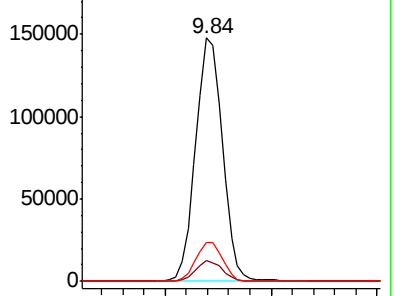
138 16.1 12.6 19.0



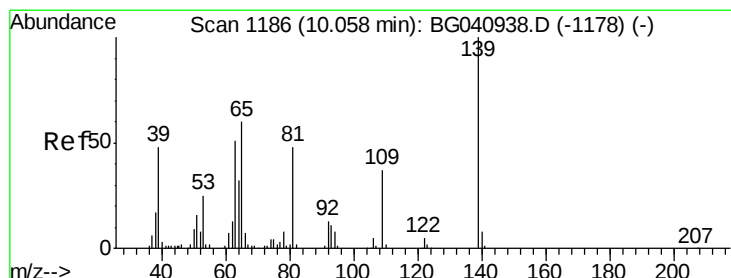
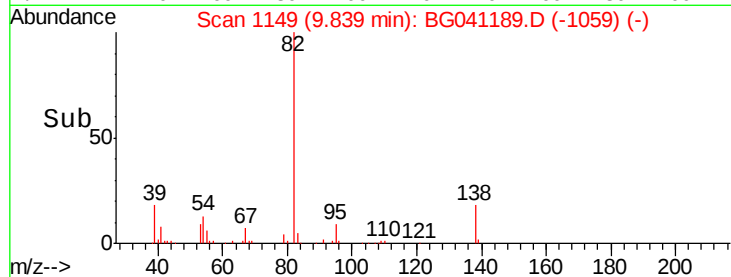
Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



Time-->



#26

2-Nitrophenol

Concen: 48.469 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

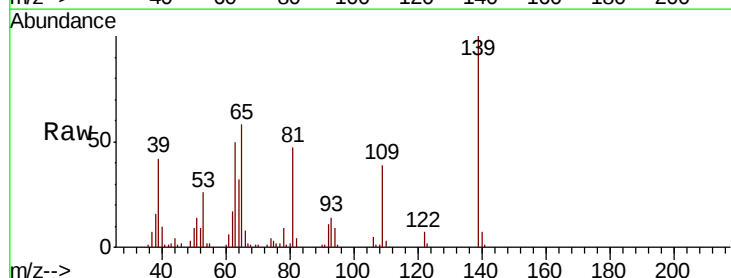
Tgt Ion: 139 Resp: 65752

Ion Ratio Lower Upper

139 100

109 38.8 29.8 44.6

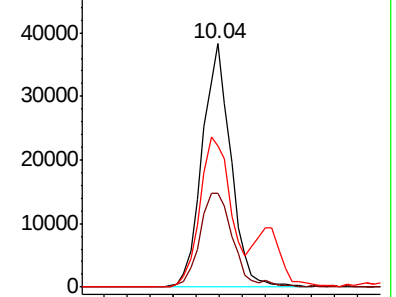
65 57.8 47.8 71.6



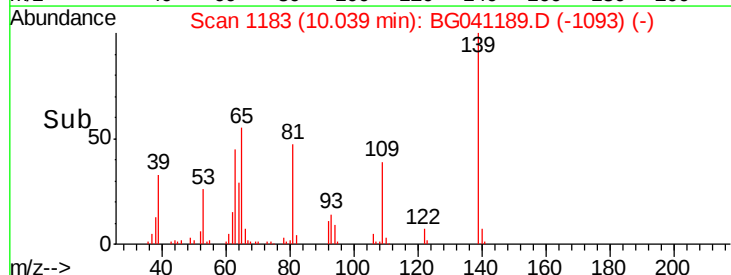
Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

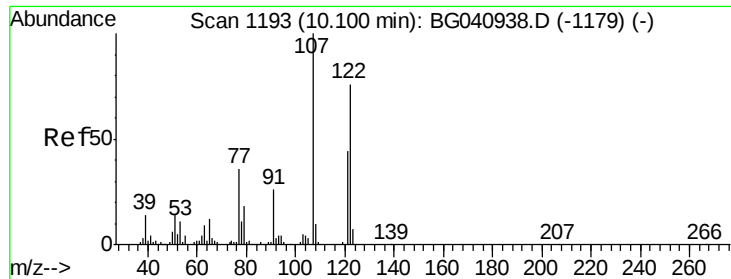
Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)



Time-->

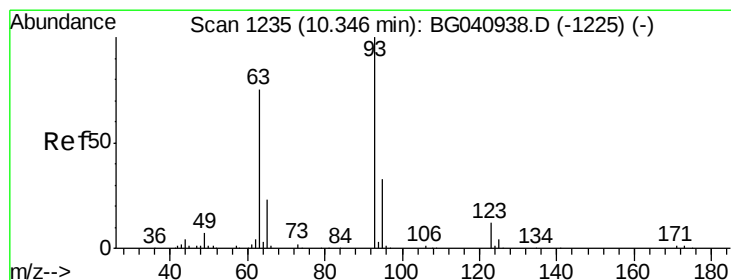
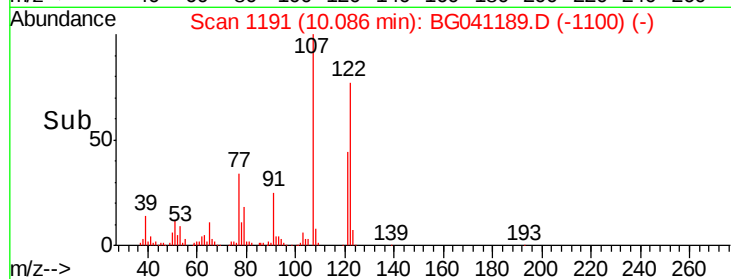
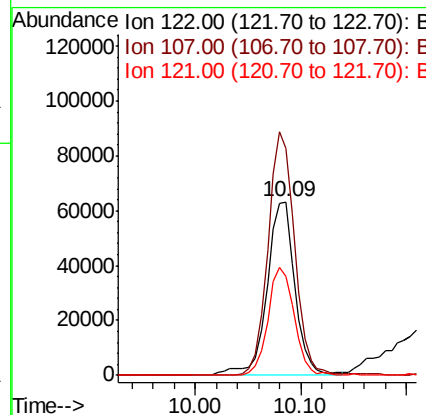
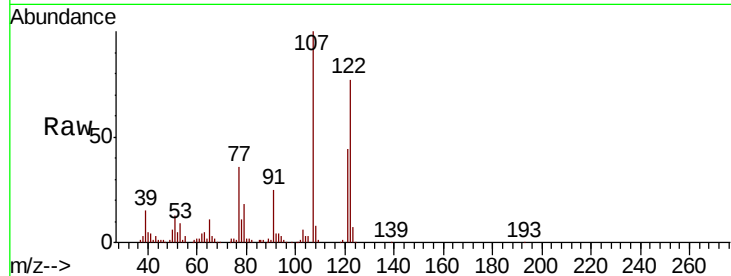




#27
 2,4-Dimethylphenol
 Concen: 51.974 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

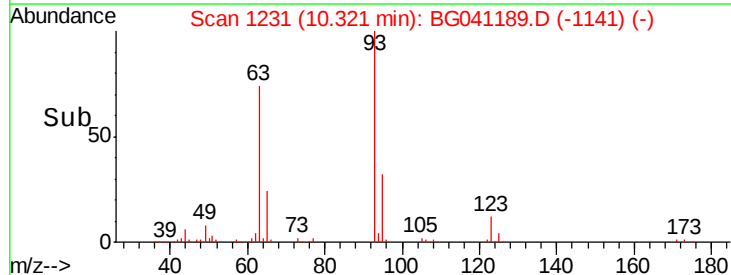
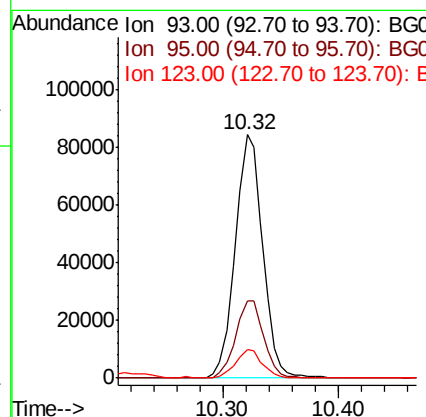
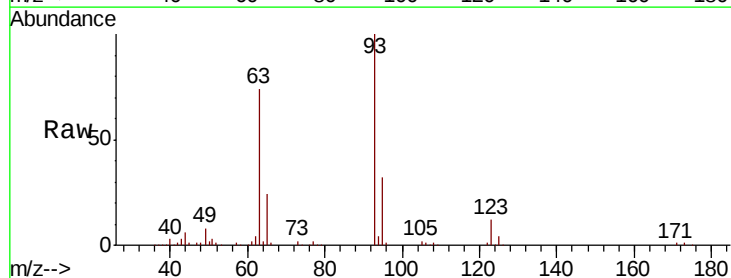
Instrument :
 BNA_G
 ClientSampled :

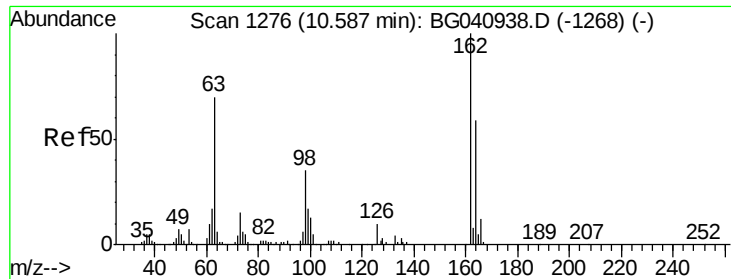
Tot Ion:122 Resp: 116447
 Ion Ratio Lower Upper
 122 100
 107 130.7 105.9 158.9
 121 57.4 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.821 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion: 93 Resp: 138705
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.2
 123 11.7 9.5 14.3

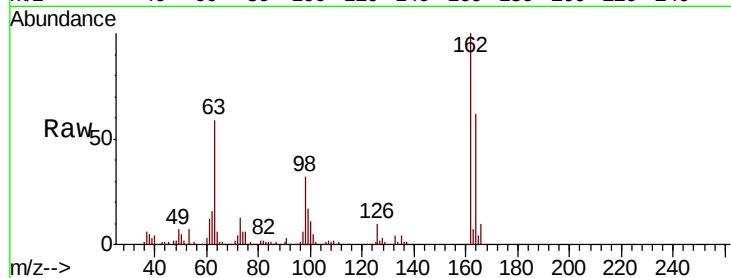




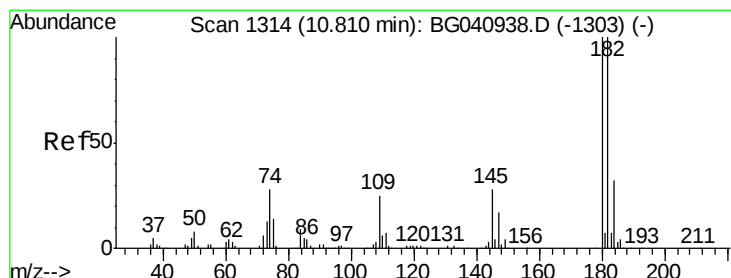
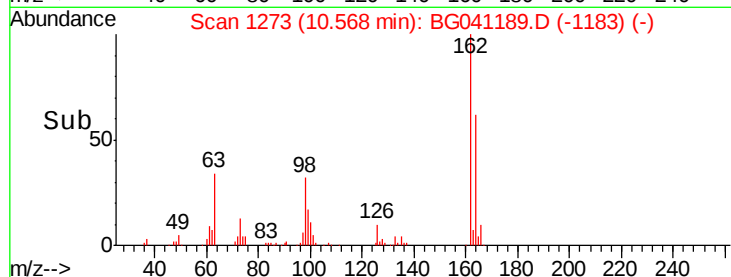
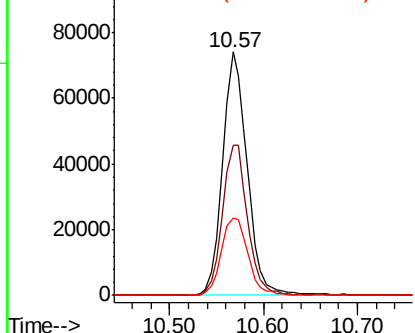
#29
 2,4-Dichlorophenol
 Concen: 47.349 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	39.4	79.4
98	31.8	15.3	55.3

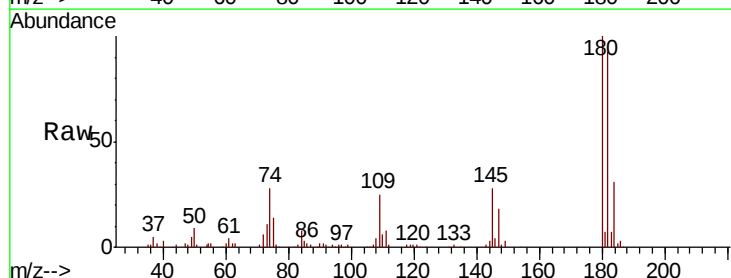


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

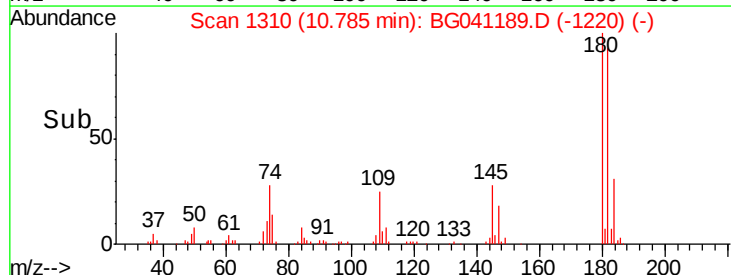
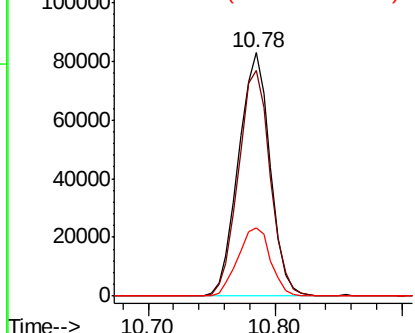


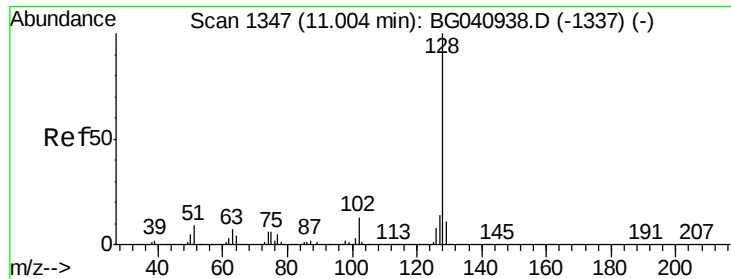
#30
 1,2,4-Trichlorobenzene
 Concen: 44.214 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	79.7	119.5
145	28.2	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

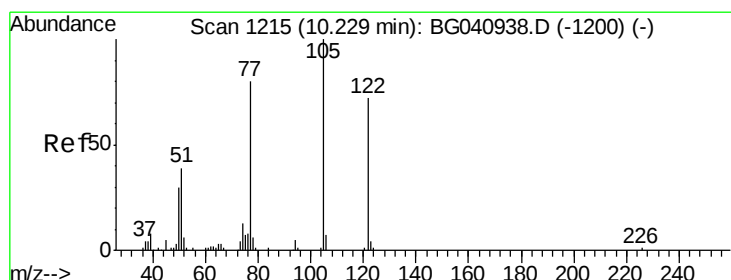
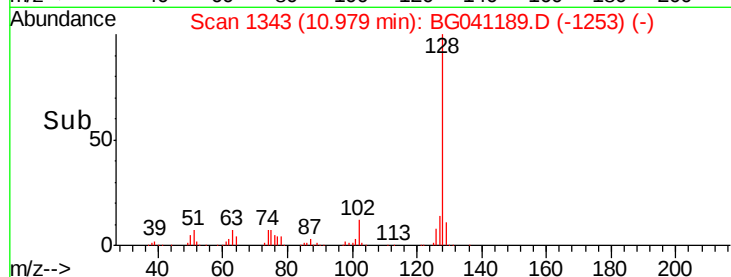
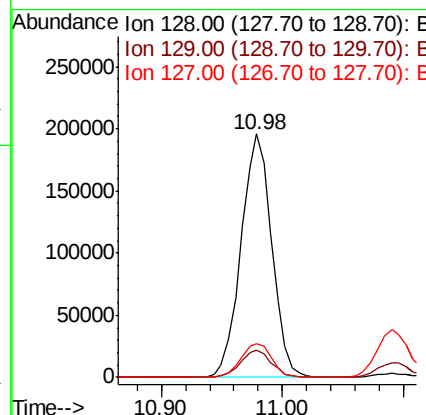
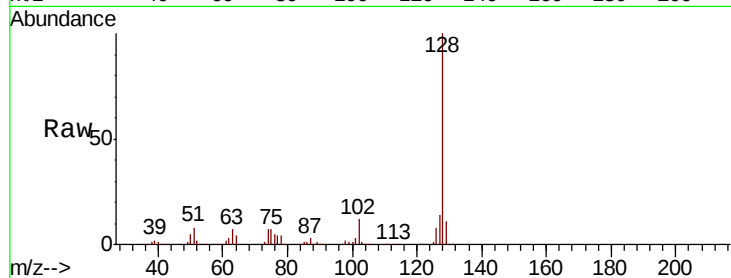




#31
Naphthalene
Concen: 45.043 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

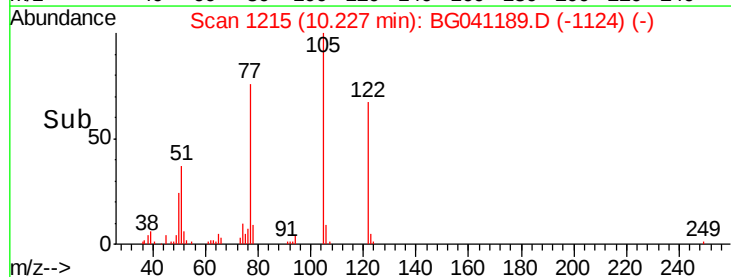
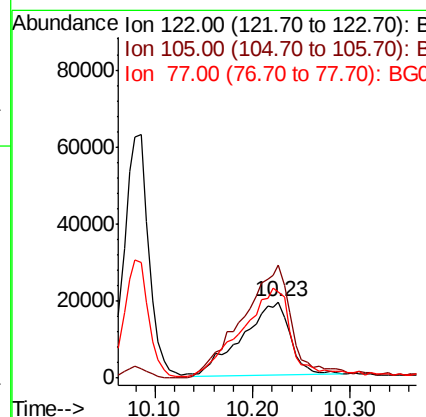
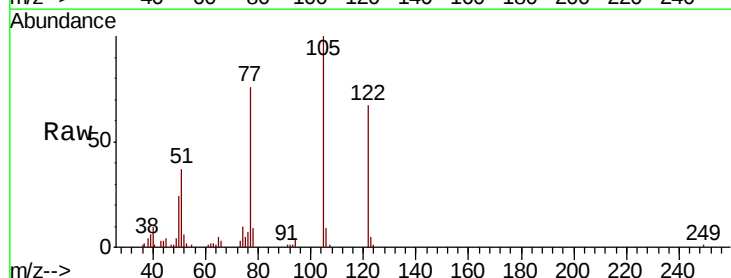
Instrument :
BNA_G
ClientSampled :

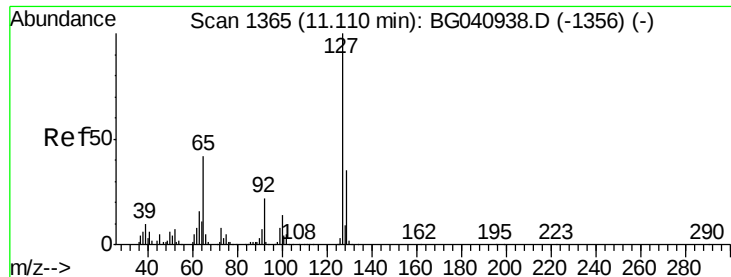
Tot Ion:128 Resp: 346672
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 39.352 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:122 Resp: 65483
Ion Ratio Lower Upper
122 100
105 148.9 114.8 154.8
77 113.8 89.9 129.9

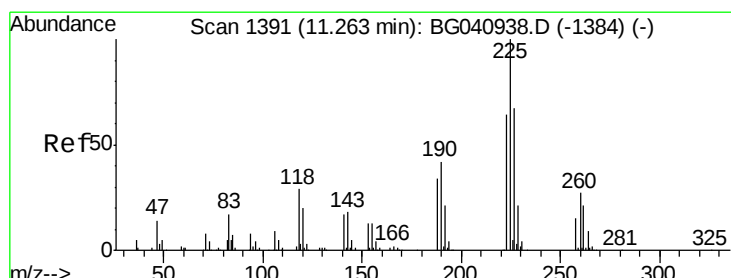
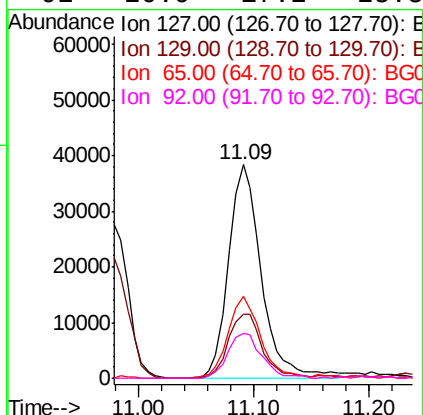
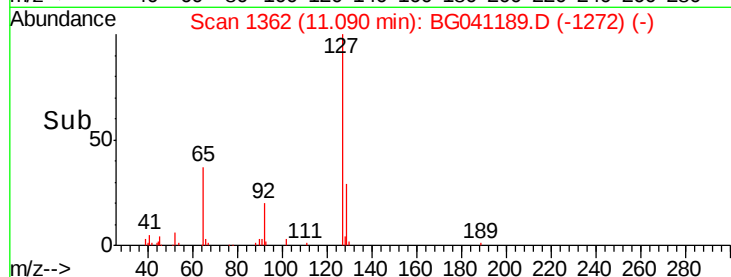
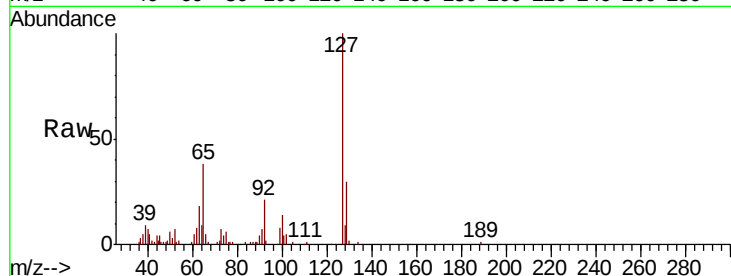




#33
4-Chloroaniline
Concen: 21.135 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

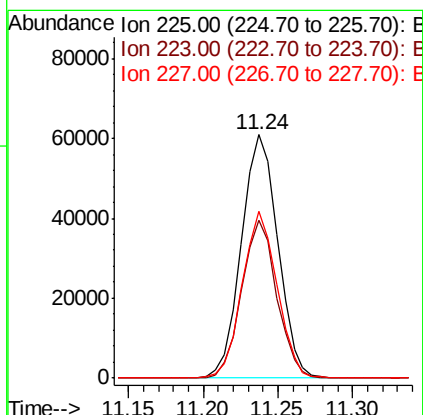
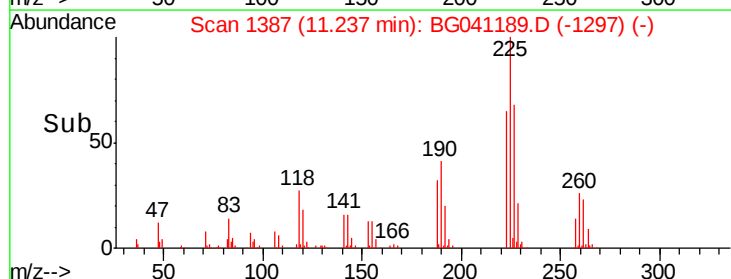
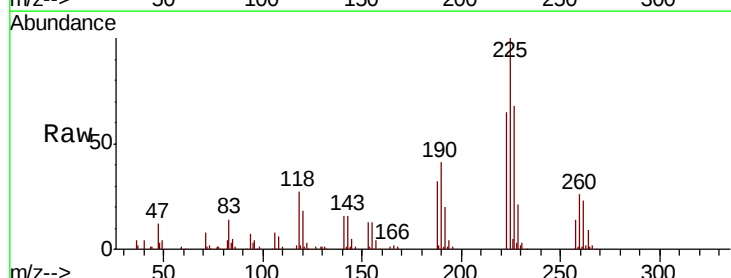
Instrument :
BNA_G
ClientSampled :

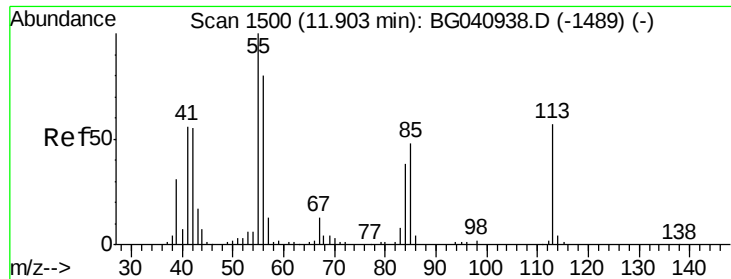
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.7	41.5
65	38.1	33.2	49.8
92	20.9	17.2	25.8



#34
Hexachlorobutadiene
Concen: 41.498 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	68.3	51.4	77.0





#35

Caprolactam

Concen: 43.019 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampled :

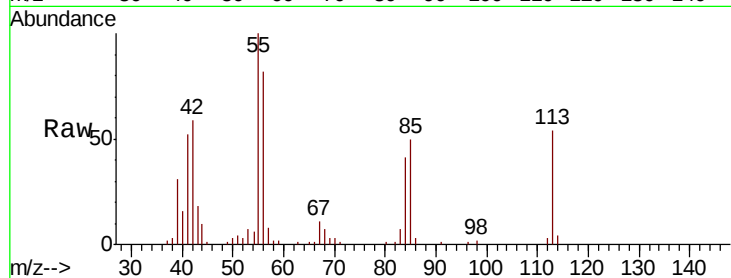
Tot Ion:113 Resp: 40418

Ion Ratio Lower Upper

113 100

55 184.1 155.9 195.9

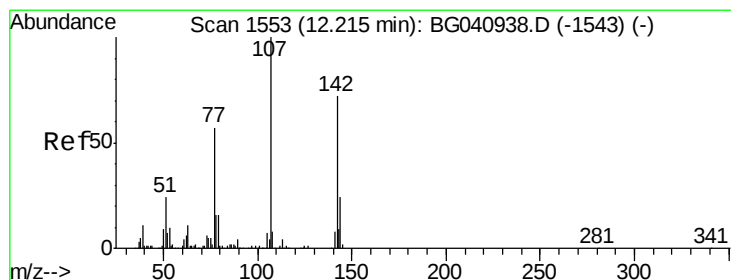
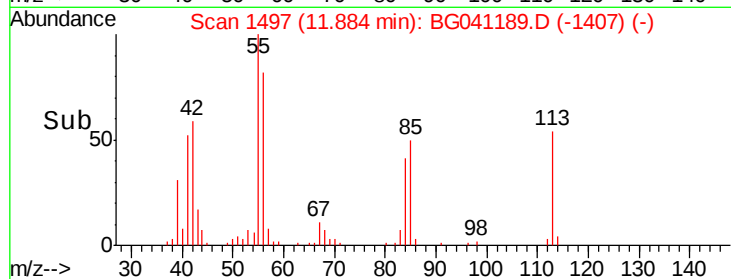
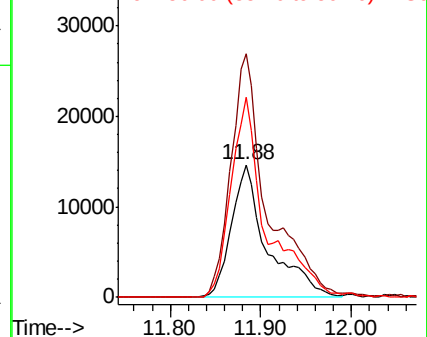
56 151.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.749 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

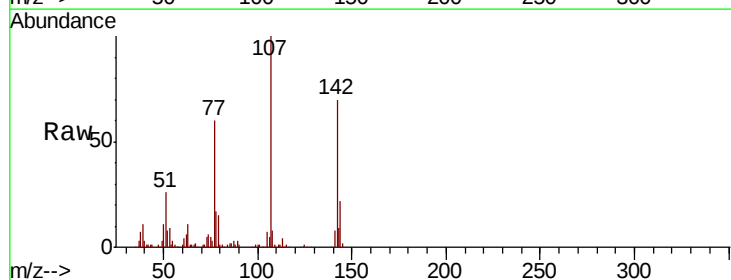
Tgt Ion:107 Resp: 151900

Ion Ratio Lower Upper

107 100

144 21.7 19.4 29.0

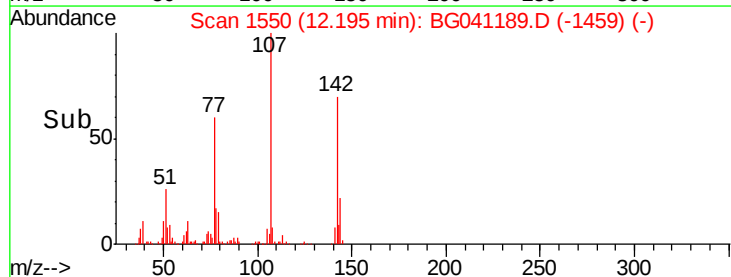
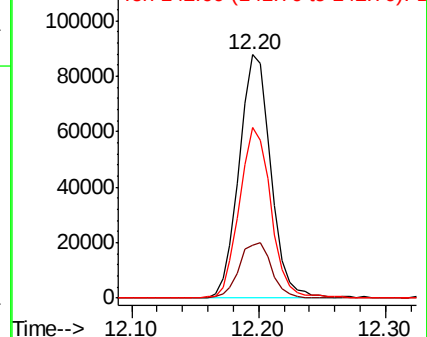
142 70.1 57.3 85.9

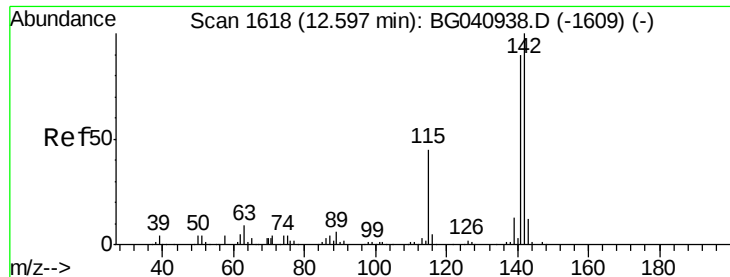


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

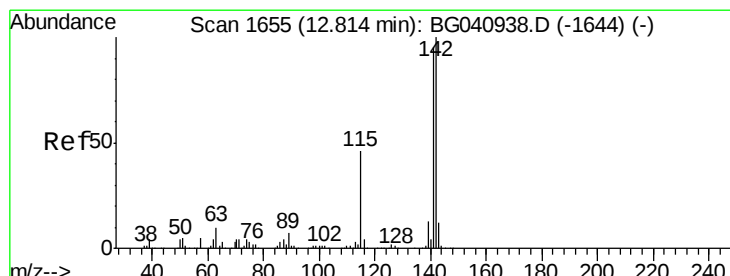
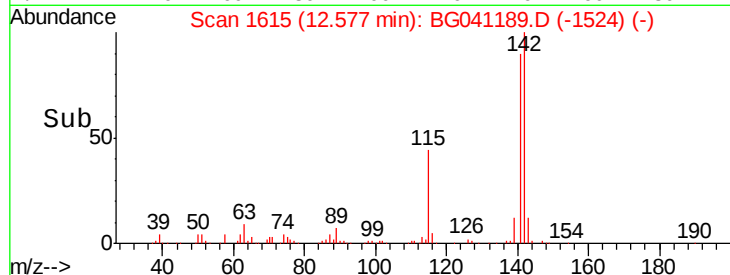
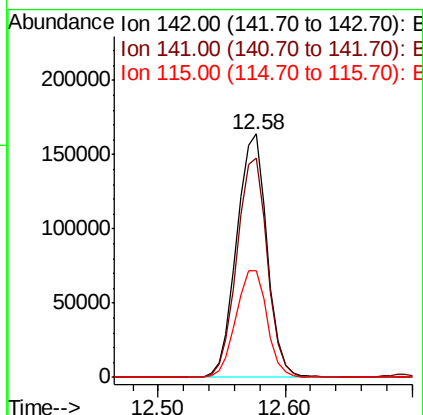
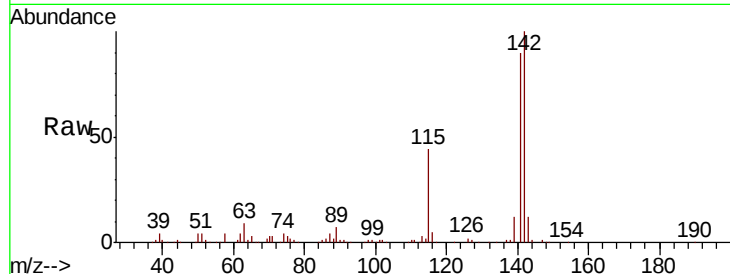




#37
2-Methylnaphthalene
Concen: 45.815 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

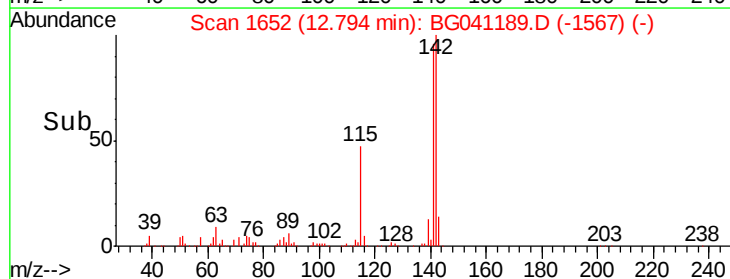
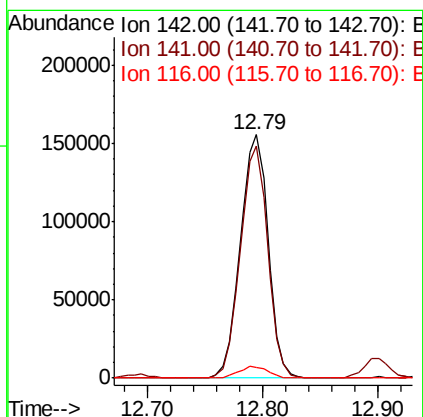
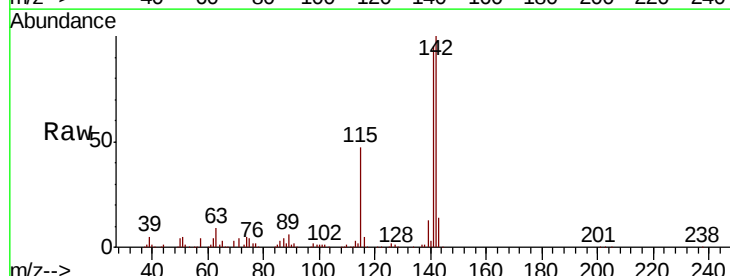
Instrument :
BNA_G
ClientSampleId :

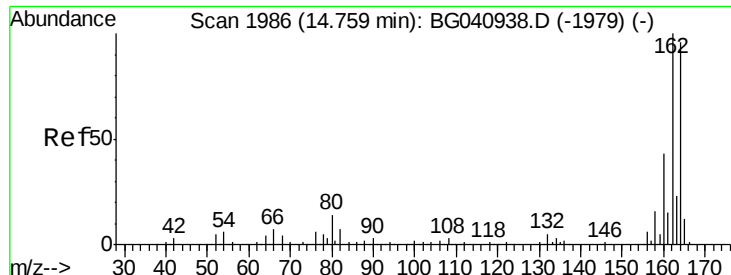
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	43.6	36.2	54.4



#38
1-Methylnaphthalene
Concen: 46.436 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

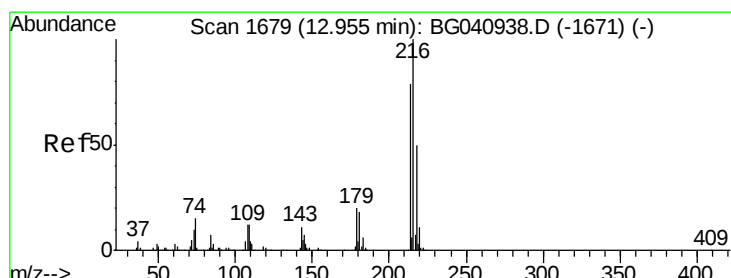
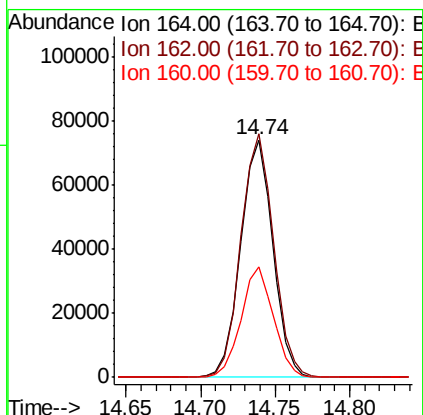
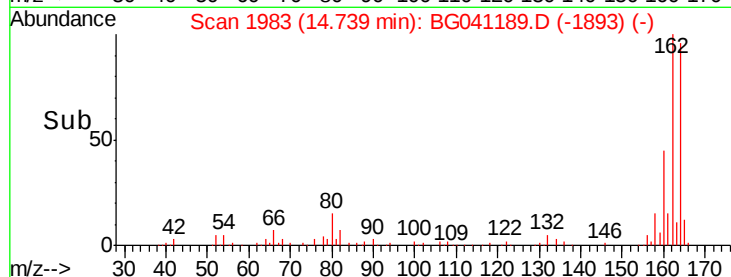
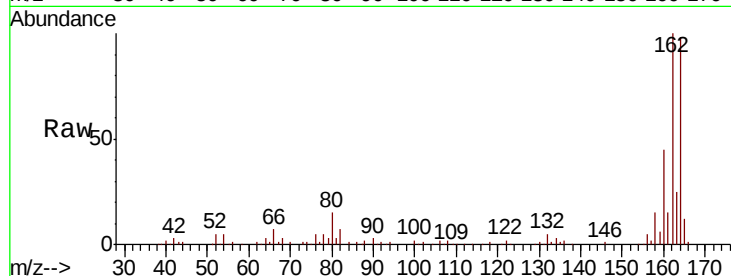
Tot Ion:164 Resp: 110313

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.4

160 46.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.845 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Tgt Ion:216 Resp: 203835

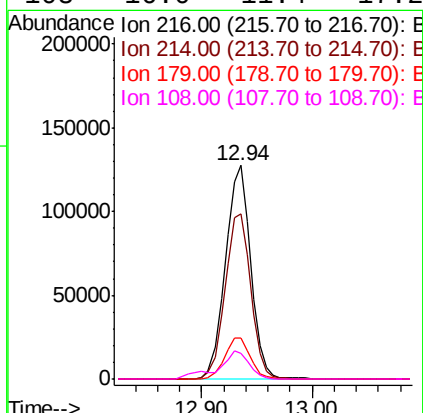
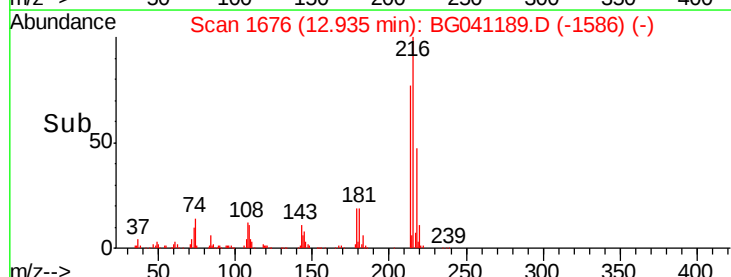
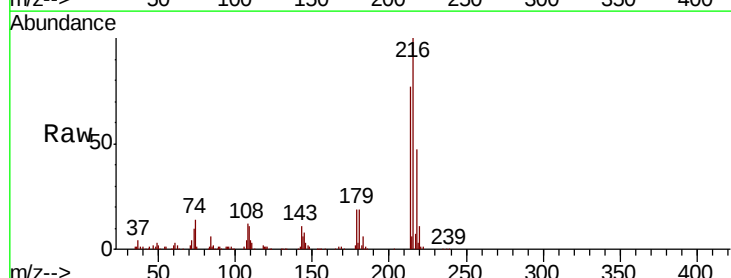
Ion Ratio Lower Upper

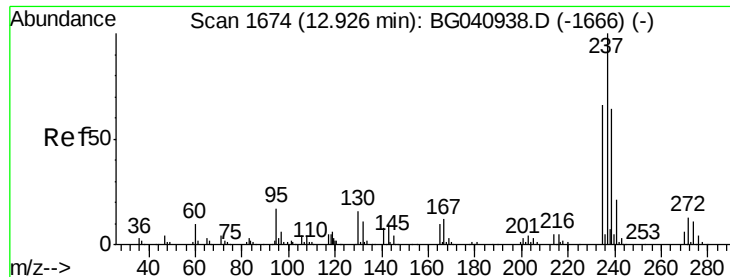
216 100

214 79.1 63.4 95.2

179 19.3 15.2 22.8

108 16.0 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 90.041 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

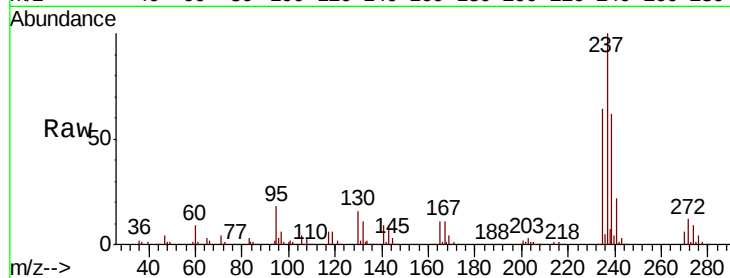
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 217957

Ion	Ratio	Lower	Upper
237	100		
235	63.8	45.5	85.5
272	12.0	0.0	32.9

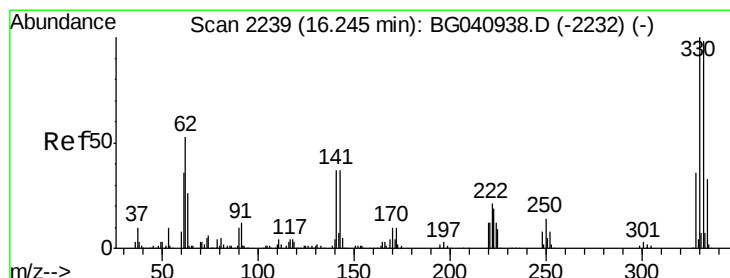
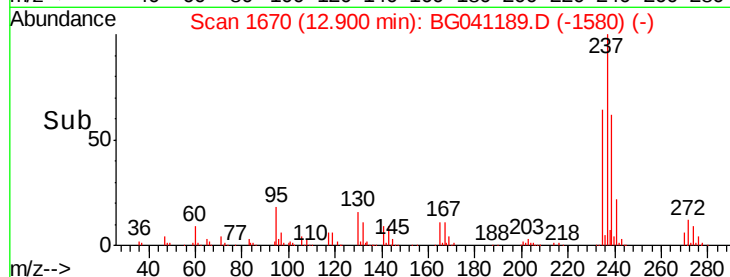
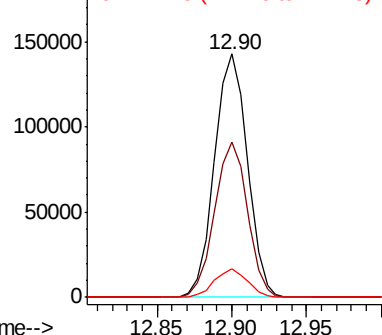


Abundance

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: 134.167 ng

RT: 16.23 min Scan# 2236

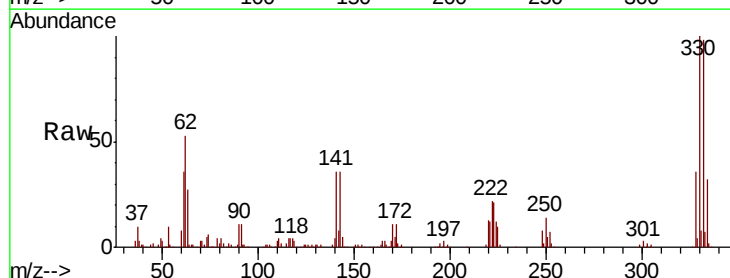
Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Tgt Ion:330 Resp: 219721

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	34.8	28.7	43.1

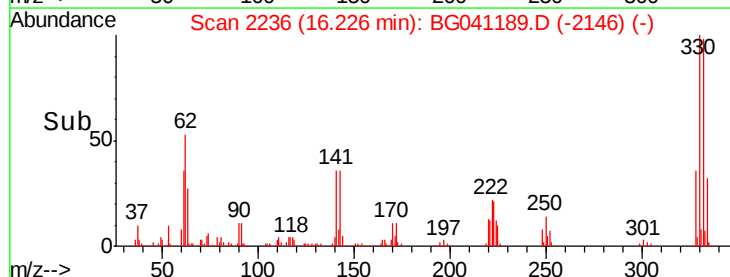
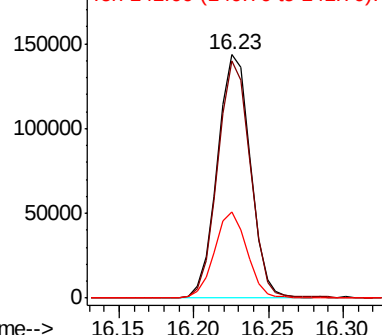


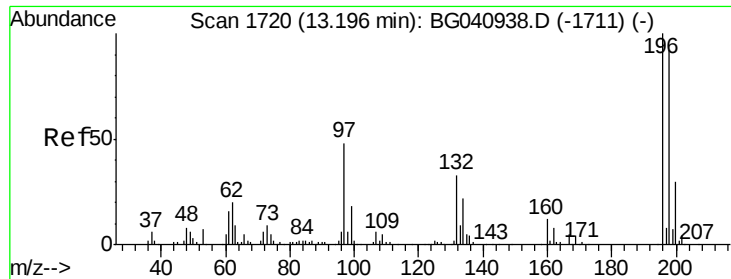
Abundance

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

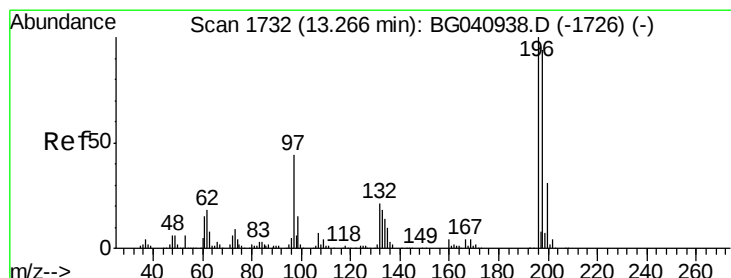
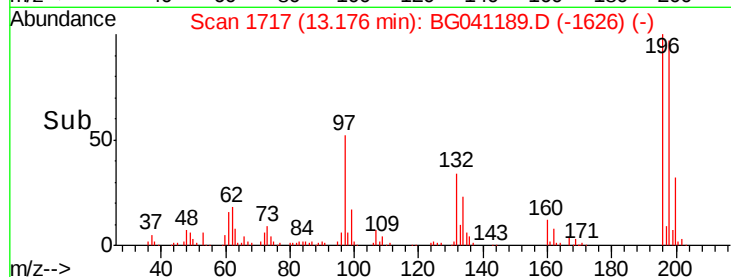
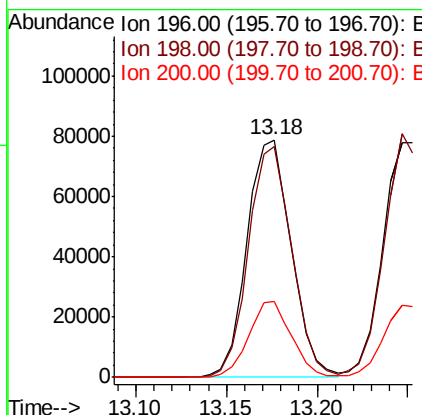
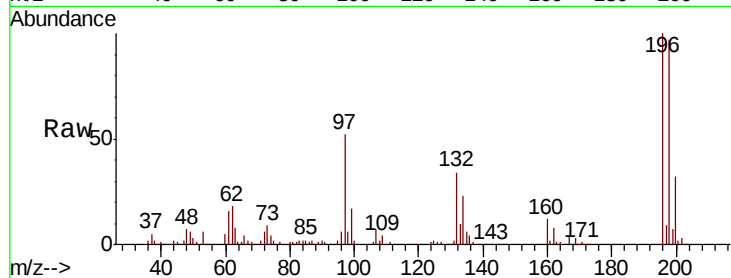




#43
 2,4,6-Trichlorophenol
 Concen: 46.366 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

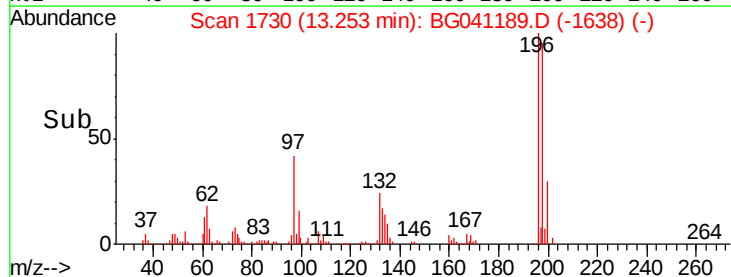
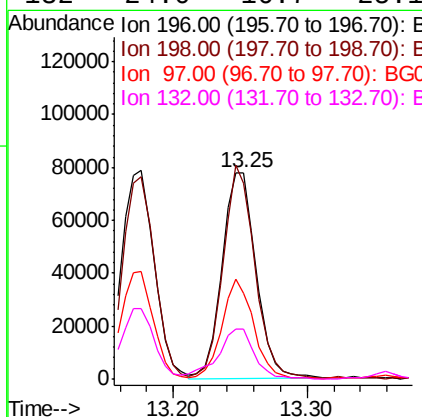
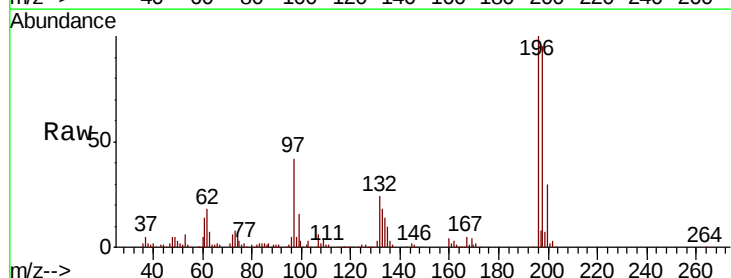
Instrument :
 BNA_G
 ClientSampled :

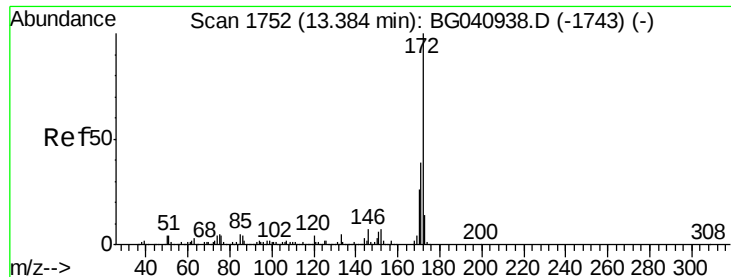
Tot Ion:196 Resp: 133362
 Ion Ratio Lower Upper
 196 100
 198 97.4 73.8 110.6
 200 33.8 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.782 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion:196 Resp: 138878
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.1 112.7
 97 41.9 35.6 53.4
 132 24.0 16.7 25.1

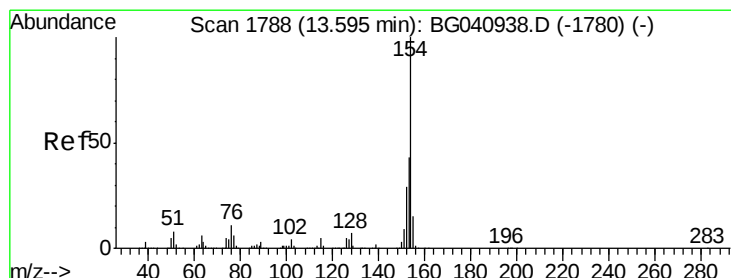
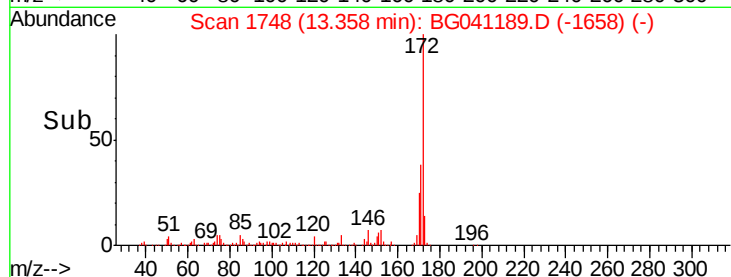
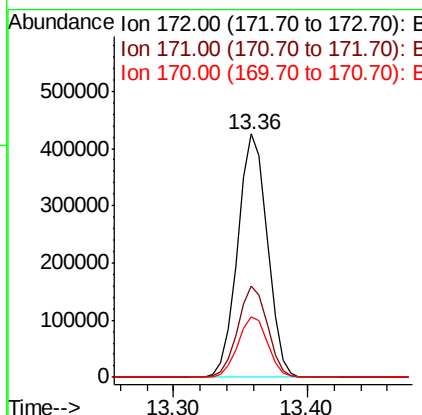
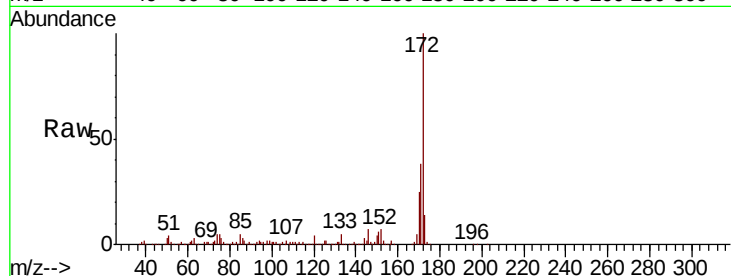




#45
2-Fluorobiphenyl
Concen: 85.144 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

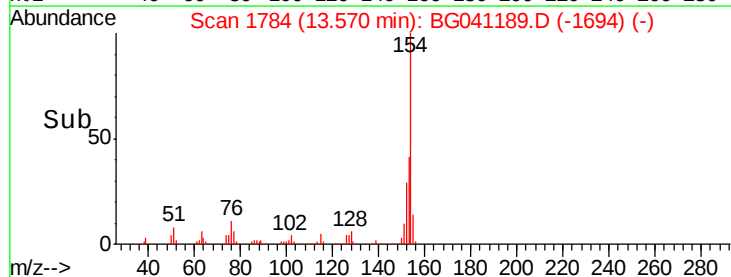
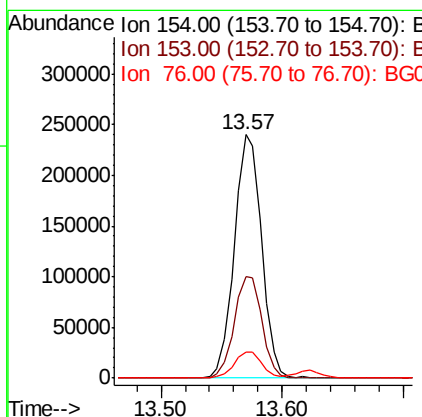
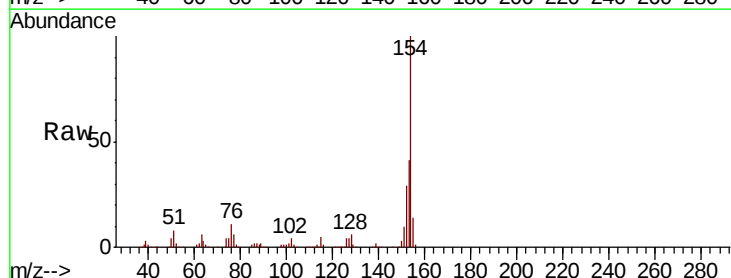
Instrument :
BNA_G
ClientSampleId :

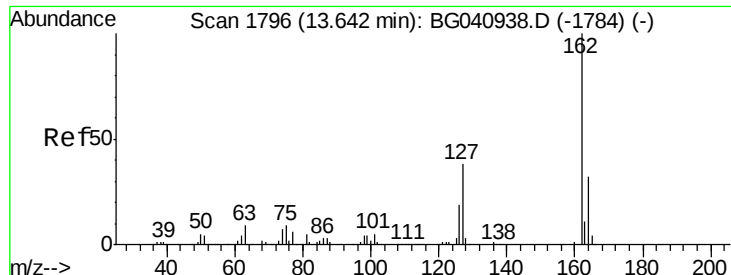
Tot Ion:172 Resp: 652211
Ion Ratio Lower Upper
172 100
171 37.5 31.1 46.7
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.140 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:154 Resp: 376764
Ion Ratio Lower Upper
154 100
153 41.5 23.3 63.3
76 10.8 0.0 31.1

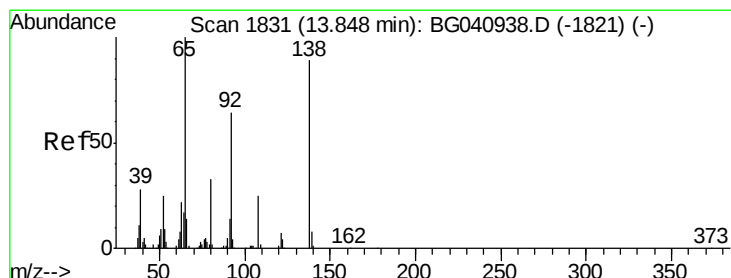
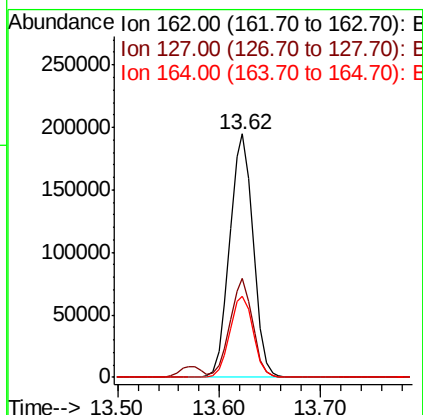
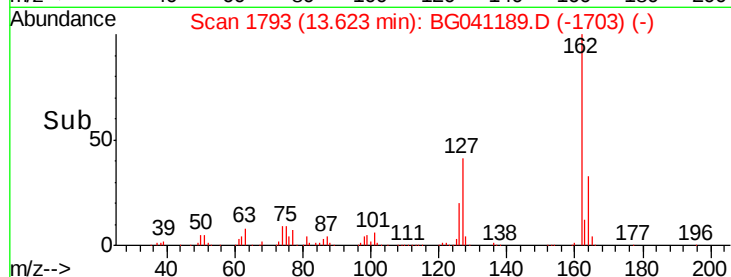
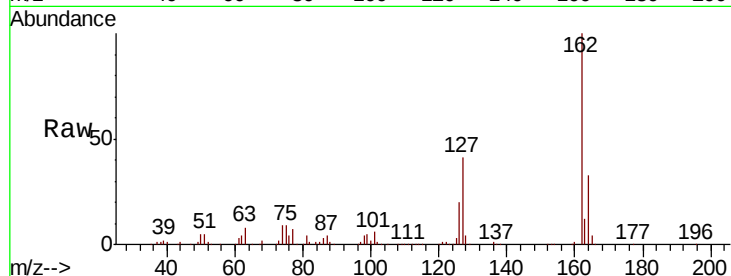




#47
 2-Chloronaphthalene
 Concen: 44.506 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

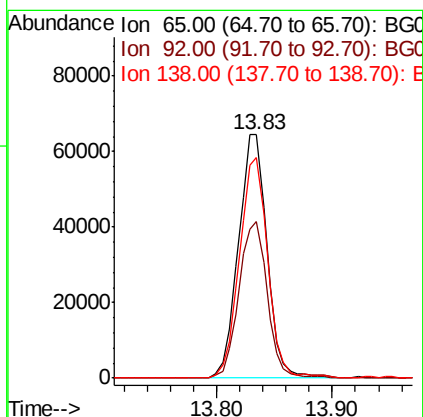
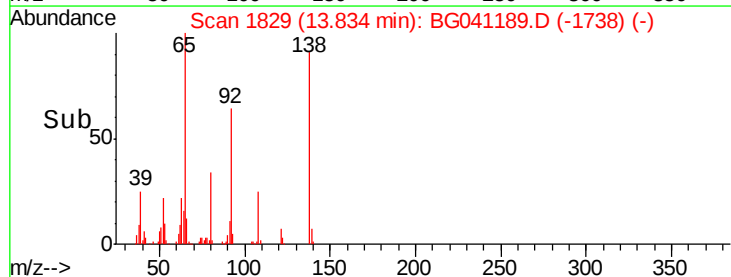
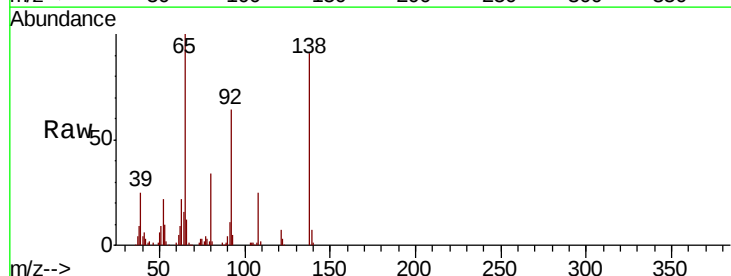
Instrument :
 BNA_G
 ClientSampleId :

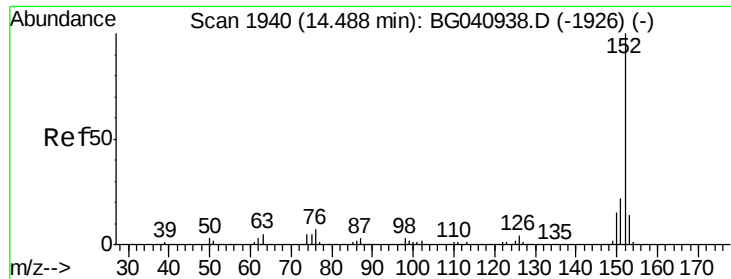
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.5	45.7
164	33.4	25.8	38.6



#48
 2-Nitroaniline
 Concen: 44.113 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.0	76.6
138	90.6	71.2	106.8





#49

Acenaphthylene

Concen: 46.266 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

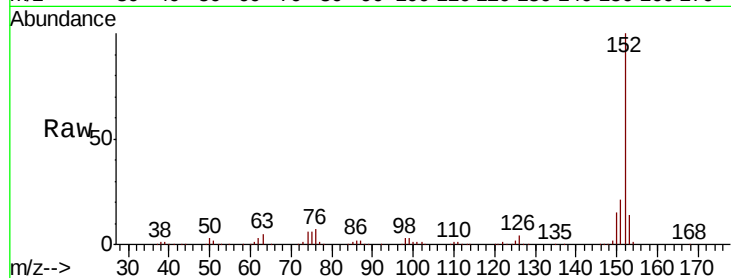
Tot Ion:152 Resp: 488126

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

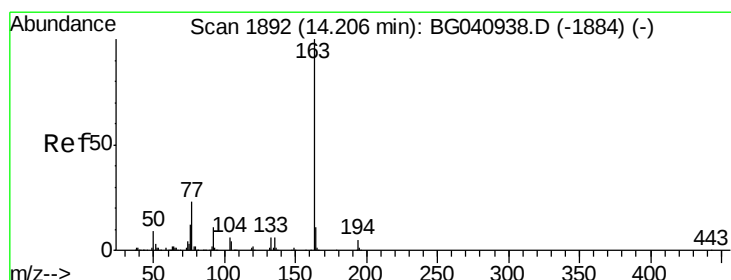
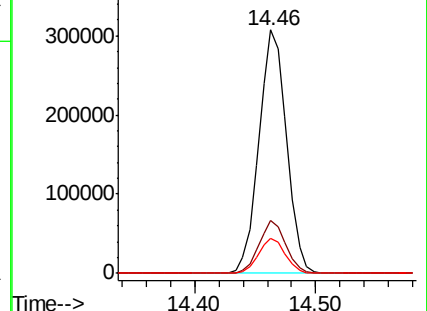
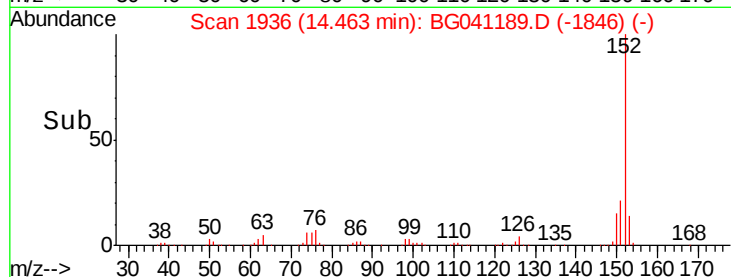
153 14.4 11.0 16.4



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: 43.273 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

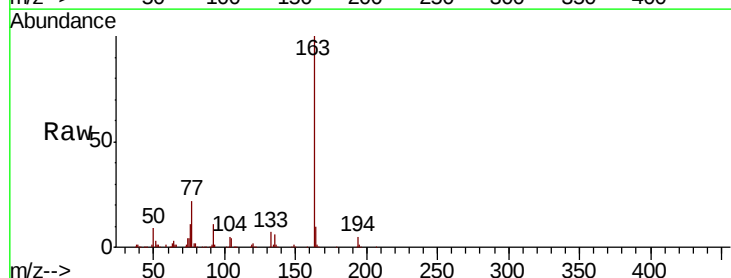
Tgt Ion:163 Resp: 404085

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

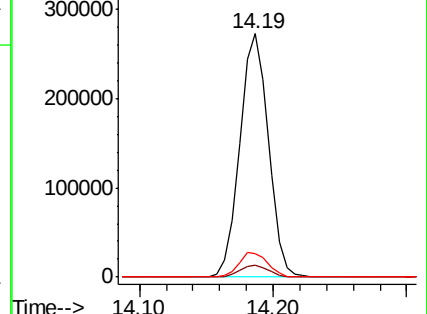
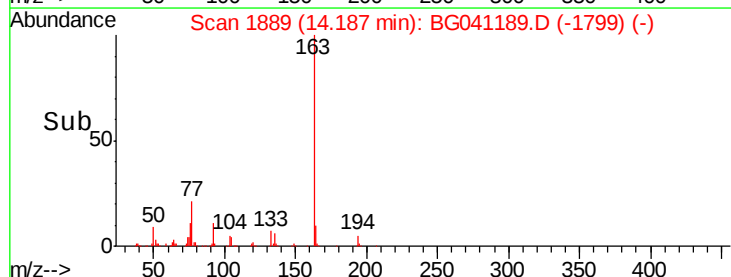
164 9.8 8.7 13.1

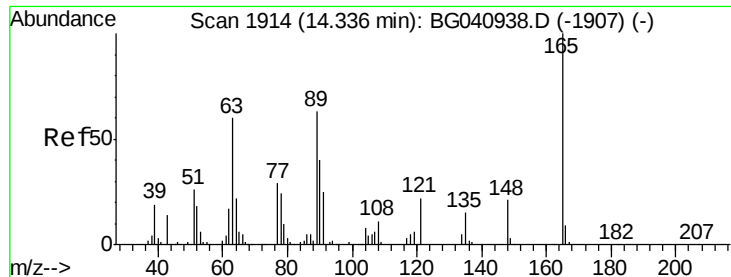


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.871 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

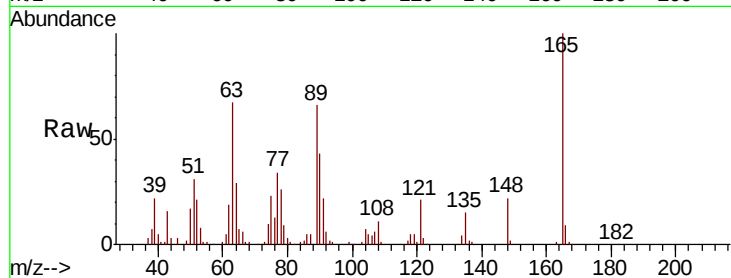
Tot Ion:165 Resp: 90342

Ion Ratio Lower Upper

165 100

63 66.6 53.6 80.4

89 66.2 50.4 75.6

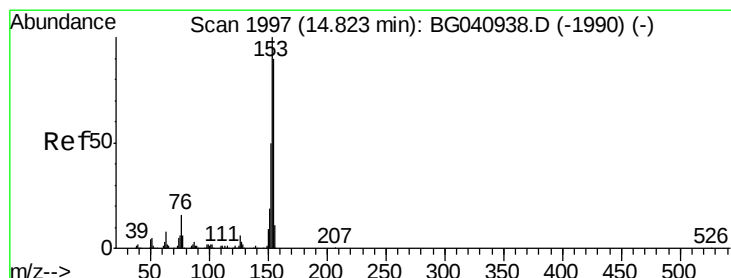
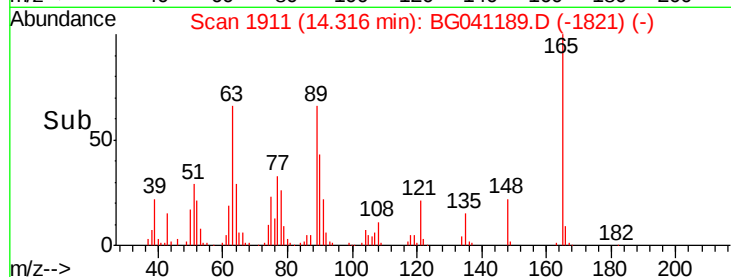
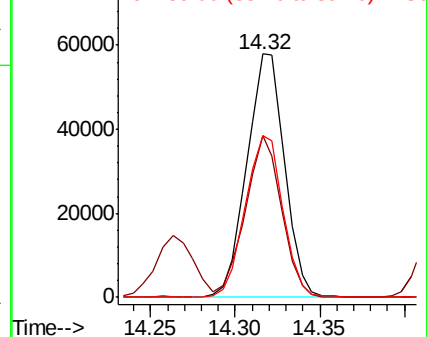


Abundance

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: 44.388 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

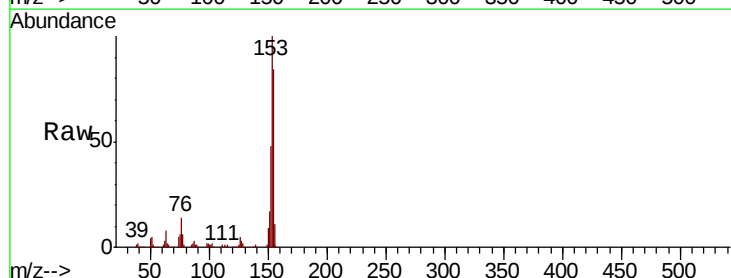
Tgt Ion:154 Resp: 283706

Ion Ratio Lower Upper

154 100

153 118.9 88.6 133.0

152 56.8 44.2 66.4

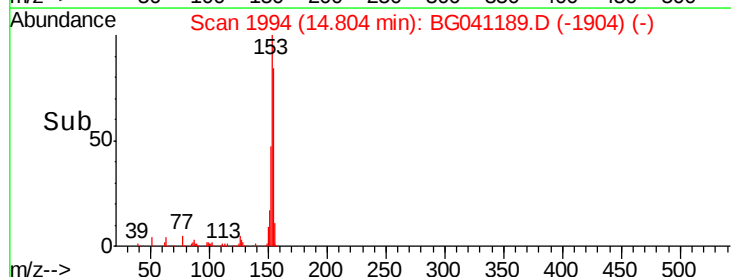
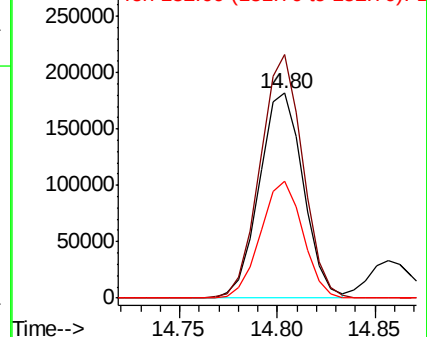


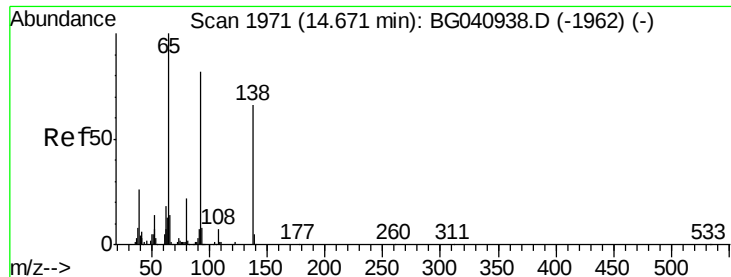
Abundance

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: 31.383 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

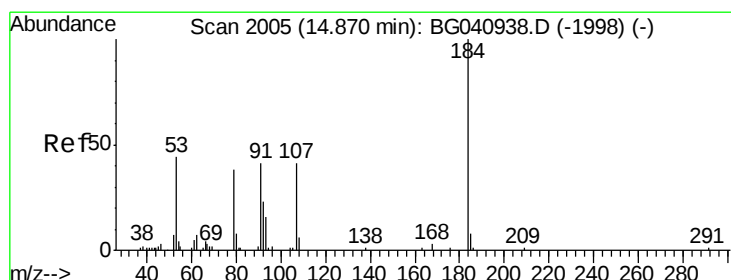
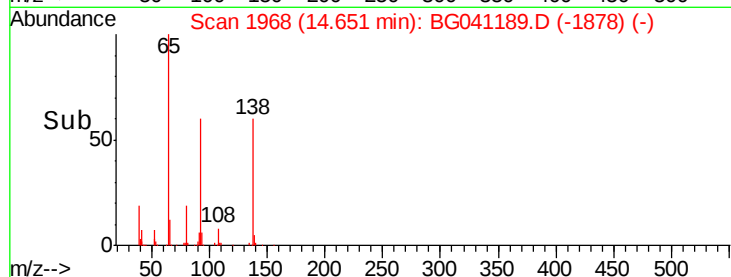
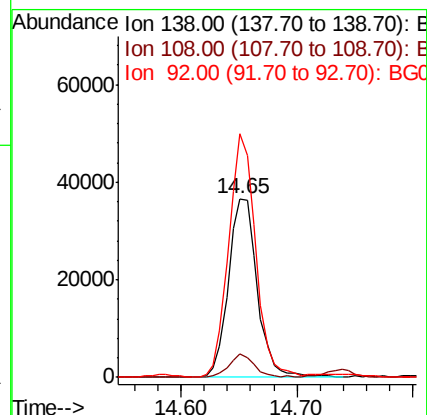
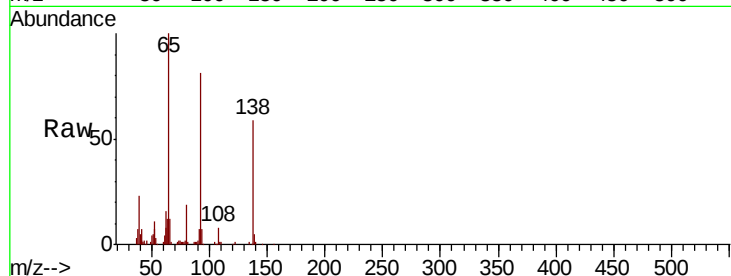
Tot Ion:138 Resp: 63184

Ion Ratio Lower Upper

138 100

108 13.2 8.5 12.7#

92 136.3 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 84.894 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

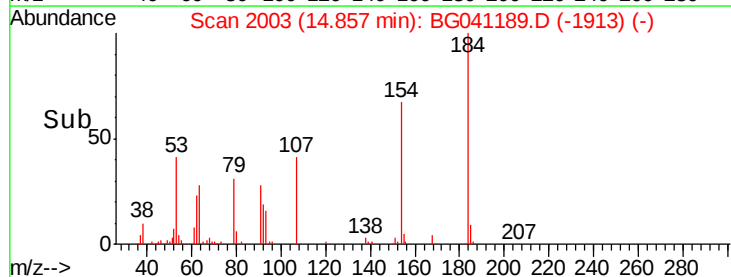
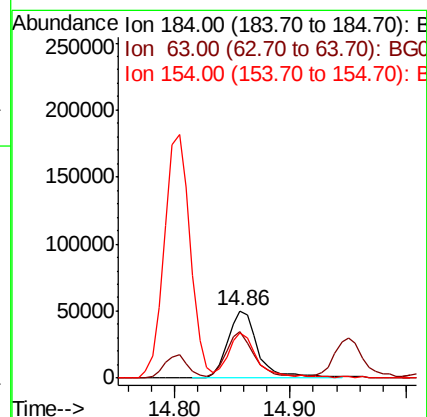
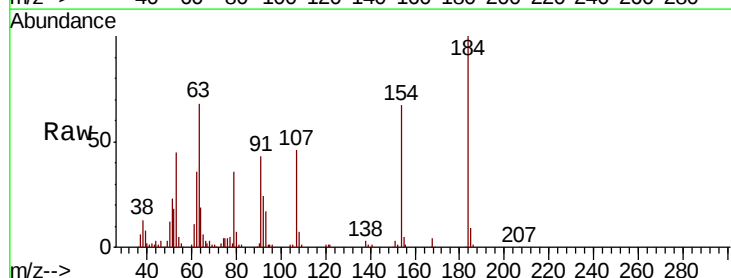
Tgt Ion:184 Resp: 91450

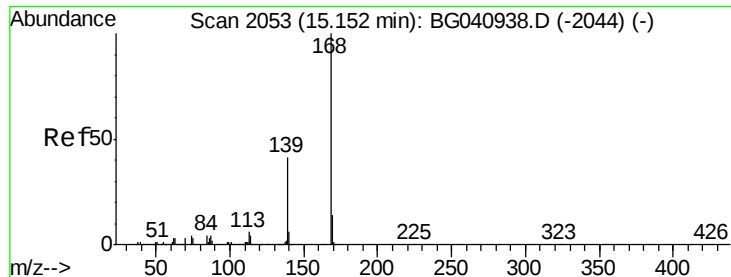
Ion Ratio Lower Upper

184 100

63 68.4 49.8 74.6

154 67.2 52.2 78.4





#55

Dibenzofuran

Concen: 46.496 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

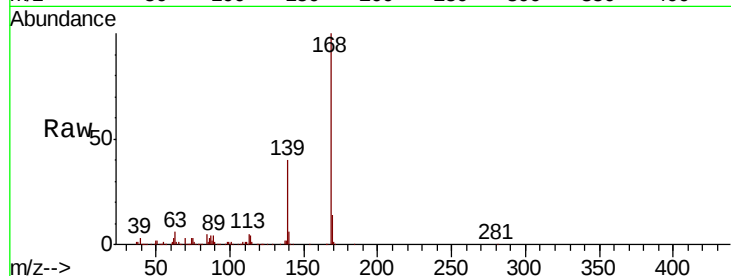
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 500047

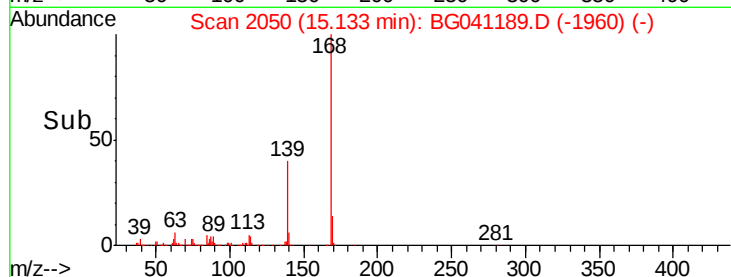
Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.8	49.2
169	14.5	11.3	16.9



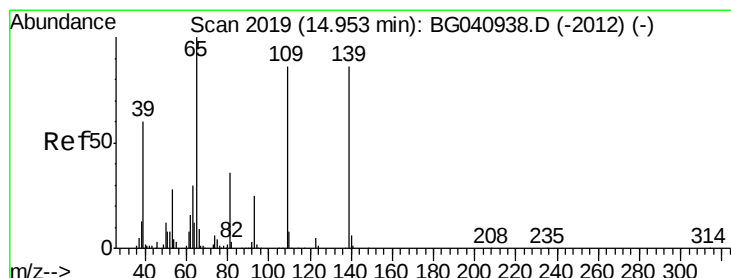
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 94.171 ng

RT: 14.95 min Scan# 2019

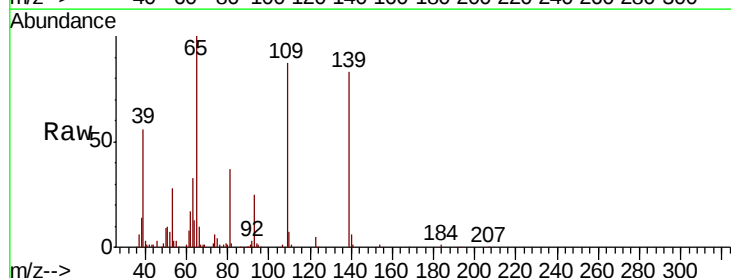
Delta R.T. 0.01 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Tgt Ion:139 Resp: 130044

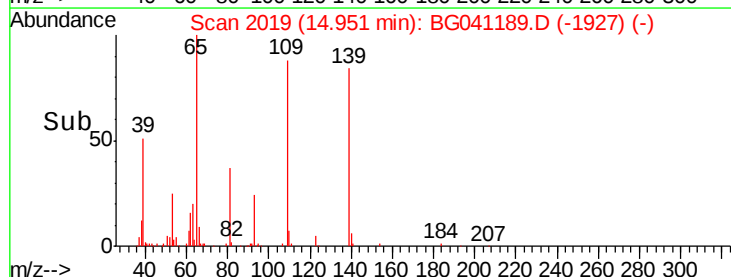
Ion	Ratio	Lower	Upper
139	100		
109	105.3	79.6	119.6
65	120.5	96.9	136.9



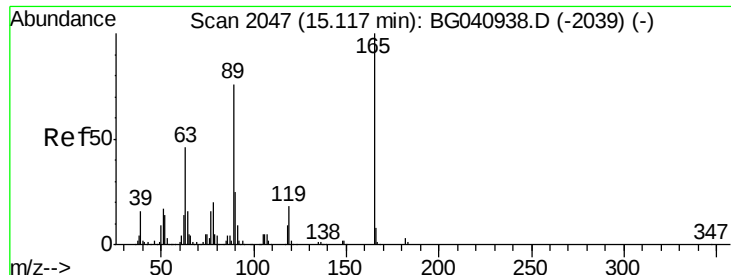
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



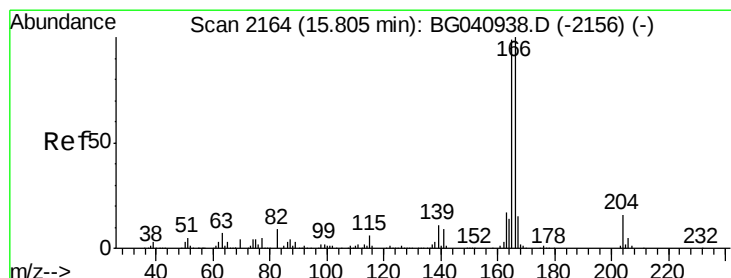
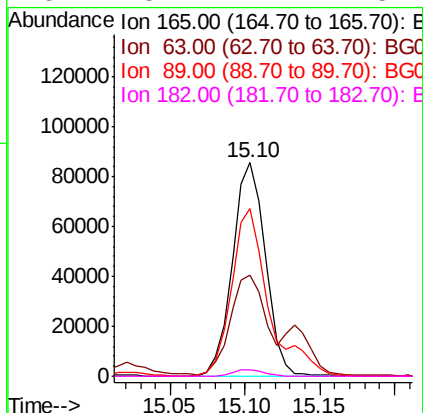
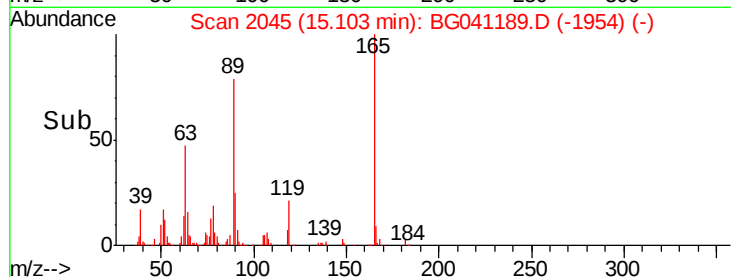
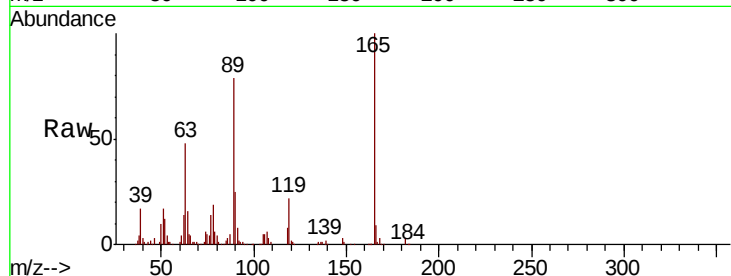
Time-->



#57
2,4-Dinitrotoluene
Concen: 46.409 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

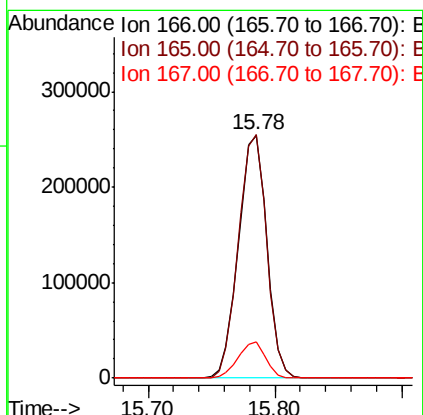
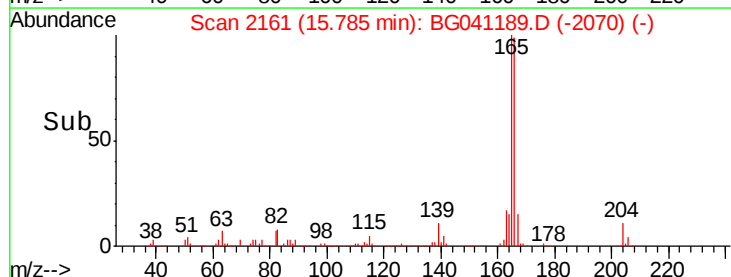
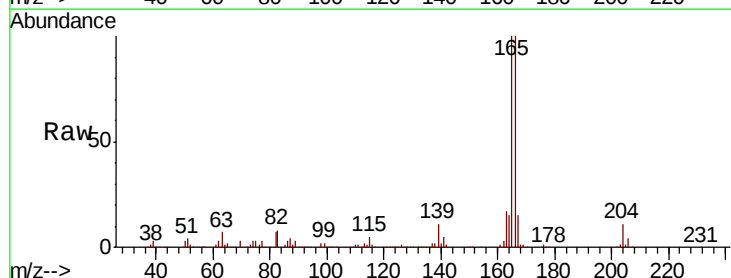
Instrument :
BNA_G
ClientSampleId :

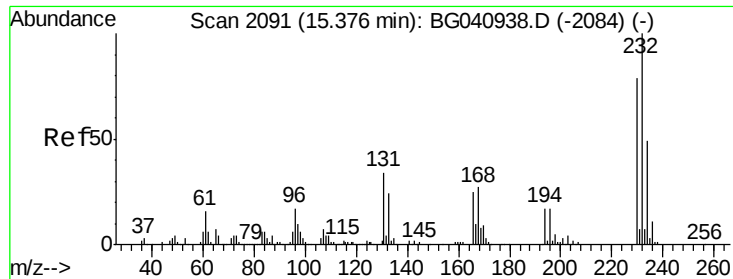
Tot Ion:165 Resp: 131989
Ion Ratio Lower Upper
165 100
63 47.6 37.3 55.9
89 78.6 61.0 91.6
182 3.2 2.2 3.2



#58
Fluorene
Concen: 46.102 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:166 Resp: 394856
Ion Ratio Lower Upper
166 100
165 100.4 79.2 118.8
167 15.1 11.8 17.6

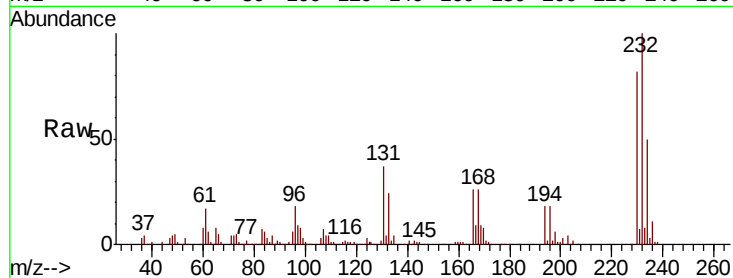




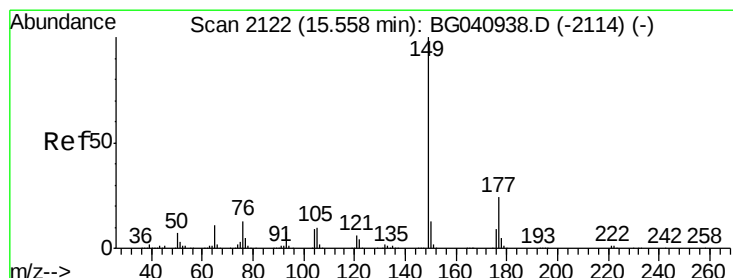
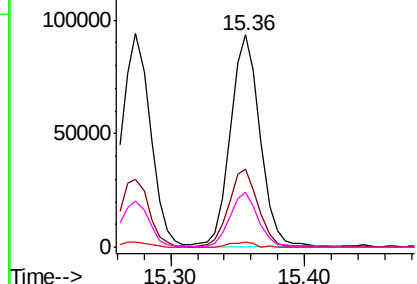
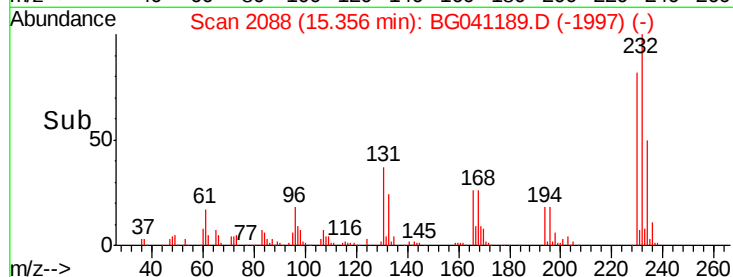
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.537 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	144694
Ion	Ratio	Lower	Upper
232	100		
131	36.3	30.3	45.5
130	2.1	1.8	2.8
166	25.3	21.3	31.9

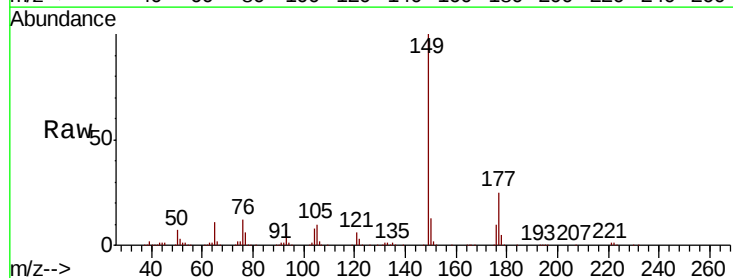


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

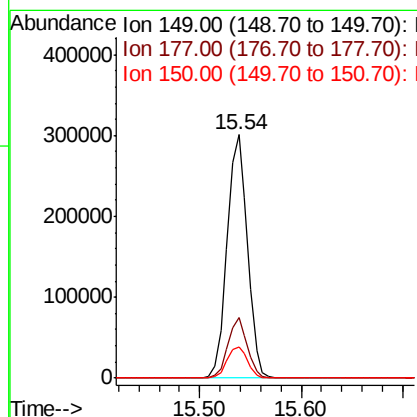
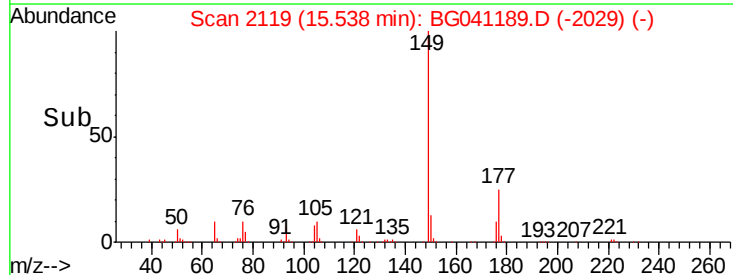


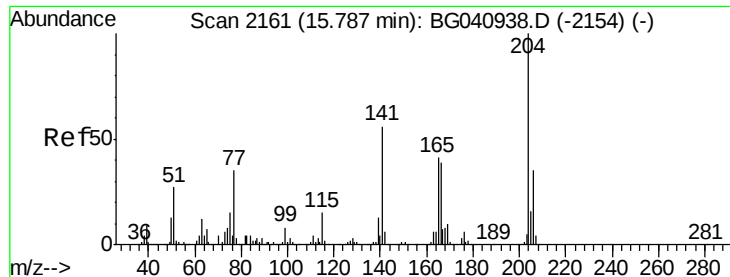
#60
 Diethylphthalate
 Concen: 43.595 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion:	149	Resp:	415451
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	12.9	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

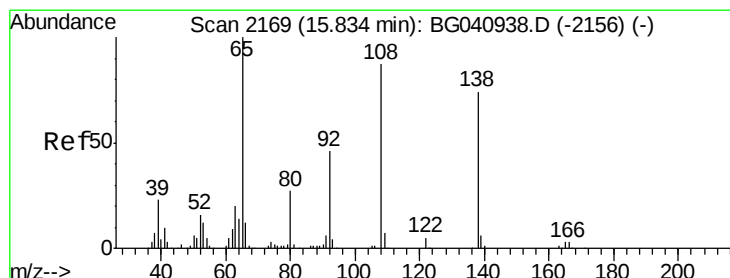
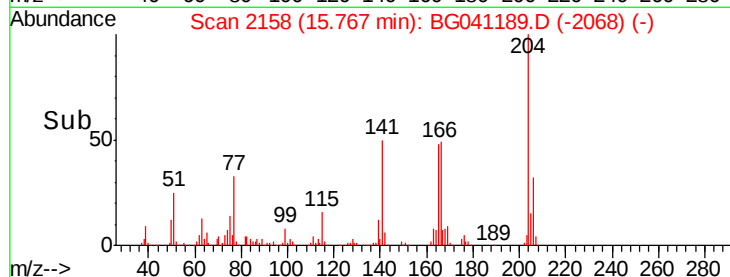
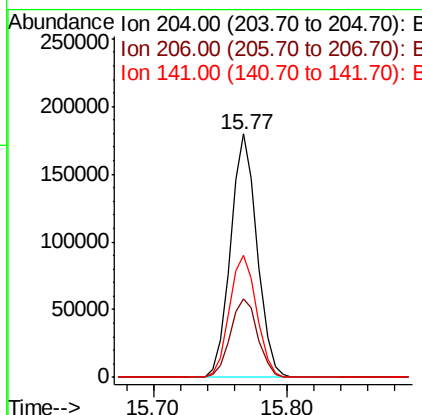
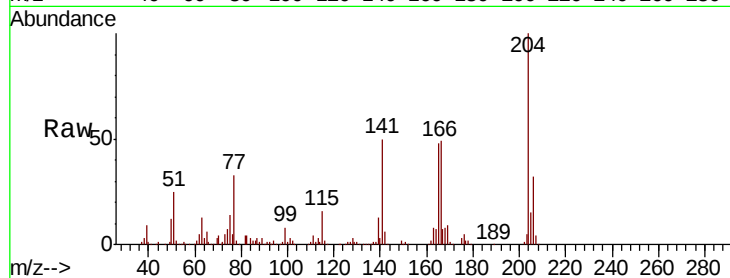




#61
4-Chlorophenyl-phenylether
Concen: 44.537 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

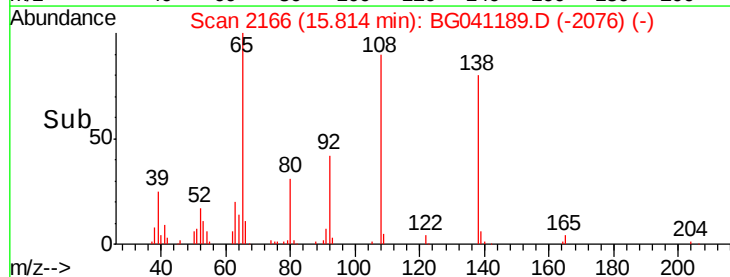
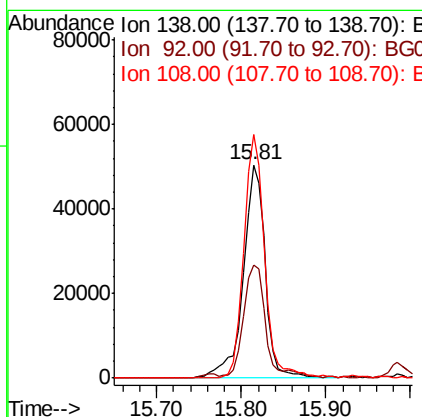
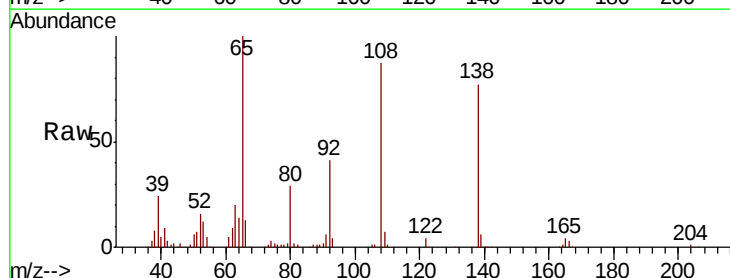
Instrument :
BNA_G
ClientSampleId :

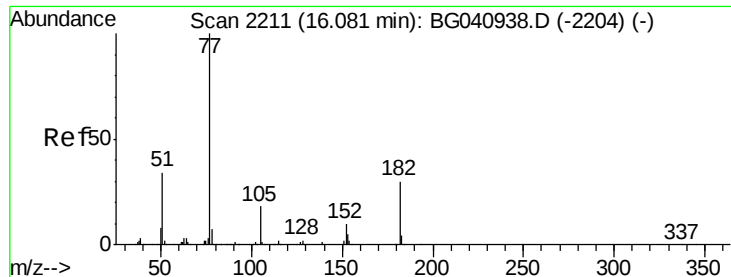
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	27.6	41.4
141	50.4	45.1	67.7



#62
4-Nitroaniline
Concen: 42.755 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	42.4	82.4
108	114.3	96.9	136.9





#63

Azobenzene

Concen: 44.708 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 387236

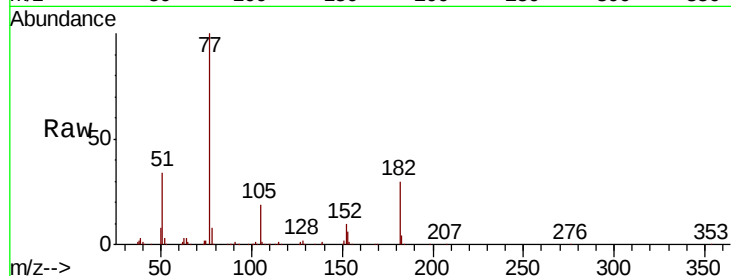
Ion Ratio Lower Upper

77 100

182 29.8 9.6 49.6

105 18.9 0.0 37.5

51 33.9 13.7 53.7

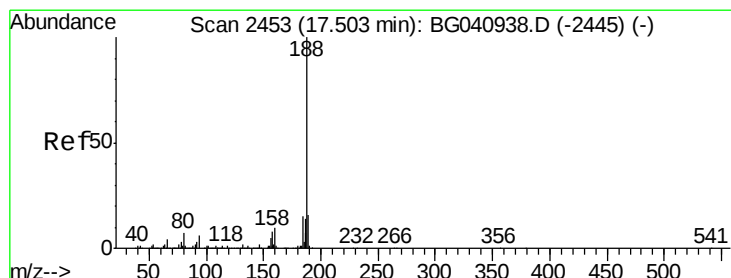
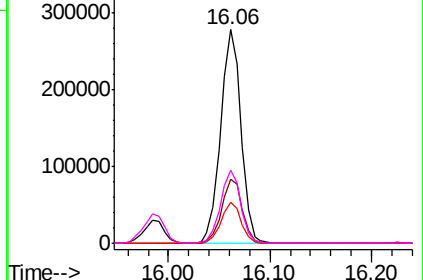
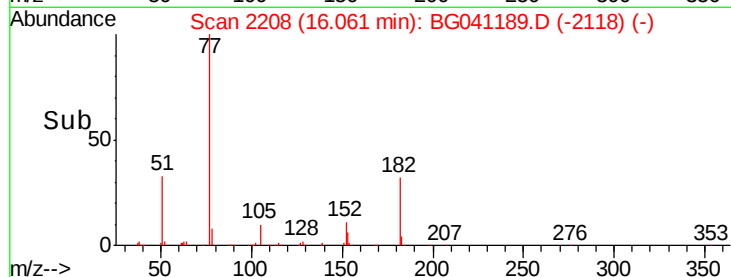


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

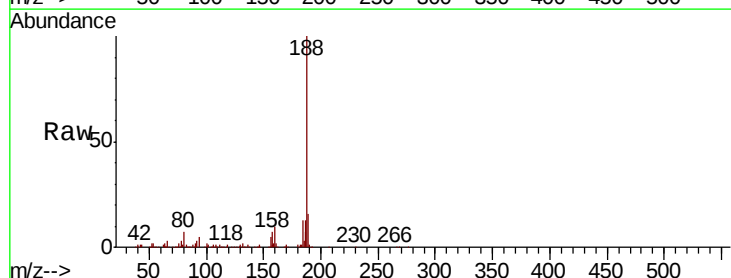
Tgt Ion: 188 Resp: 275291

Ion Ratio Lower Upper

188 100

94 4.7 4.7 7.1#

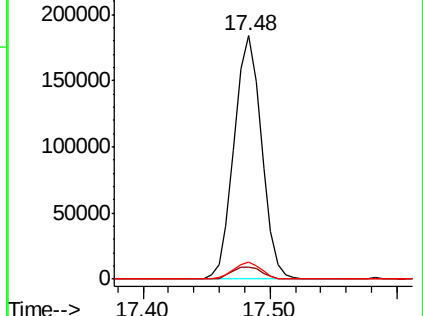
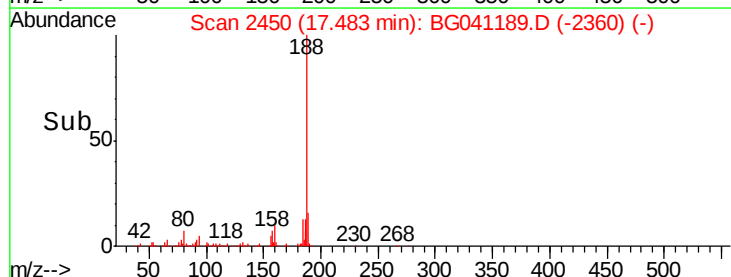
80 6.8 5.8 8.8

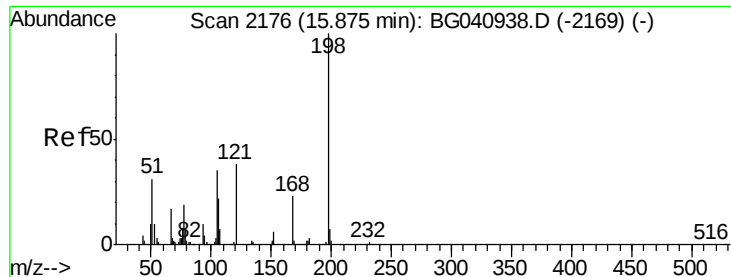


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.943 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

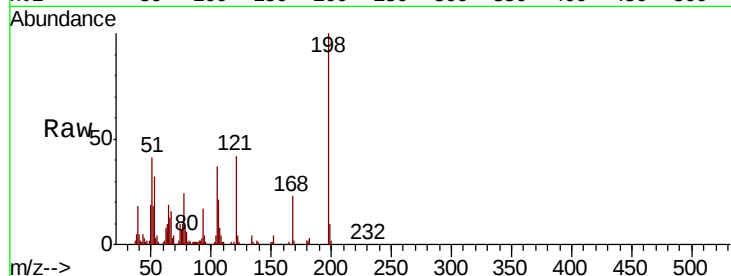
Tot Ion:198 Resp: 74300

Ion Ratio Lower Upper

198 100

51 41.2 21.6 61.6

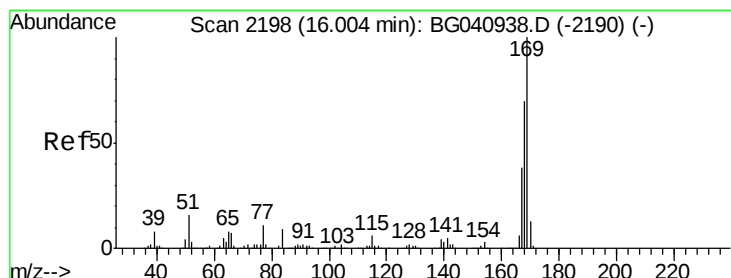
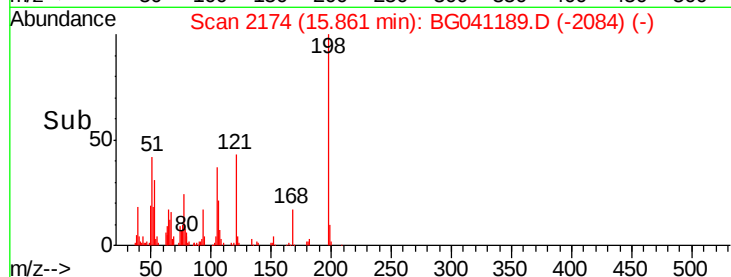
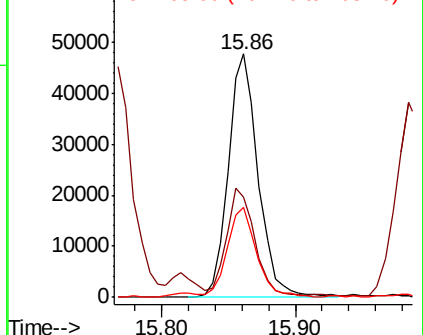
105 36.9 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.193 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

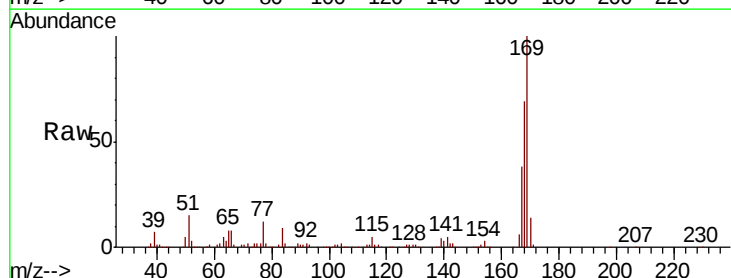
Tgt Ion:169 Resp: 357476

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

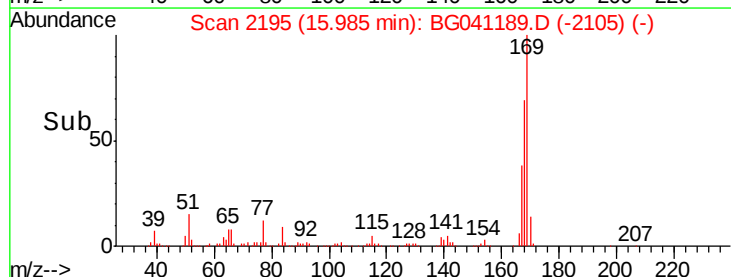
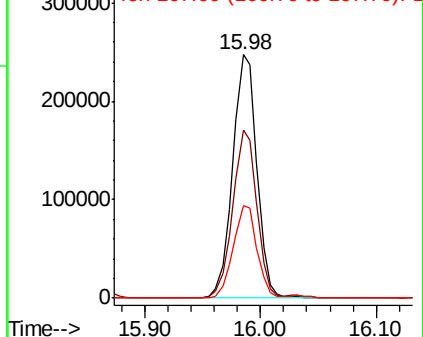
167 37.8 30.2 45.2

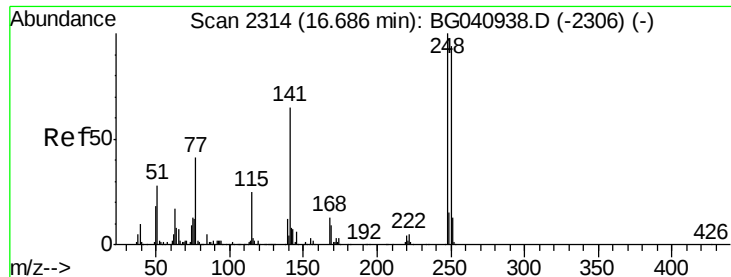


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

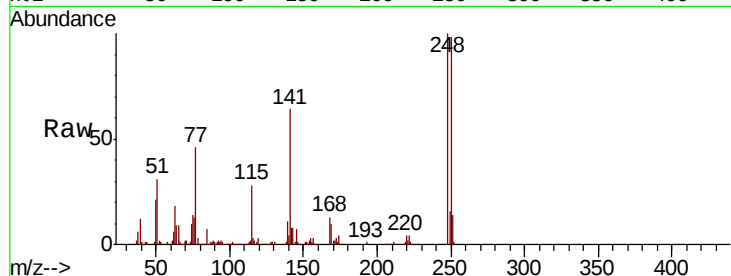




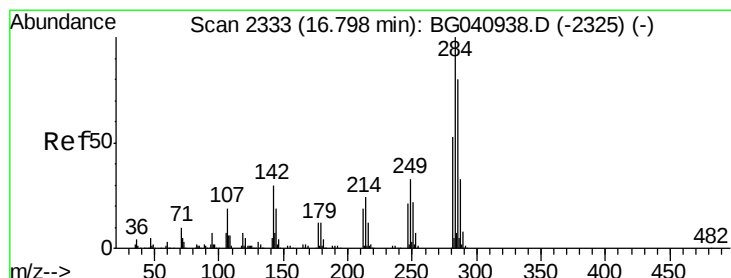
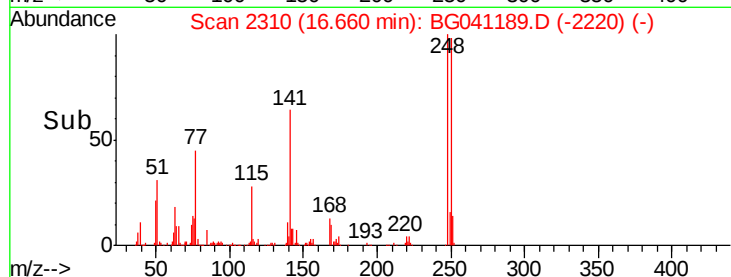
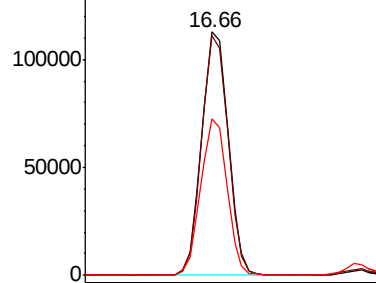
#67
4-Bromophenyl-phenylether
Concen: 44.044 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 163629
Ion Ratio Lower Upper
248 100
250 98.3 75.0 112.4
141 64.3 52.4 78.6

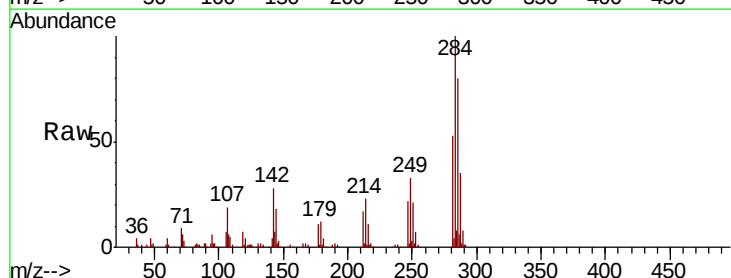


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

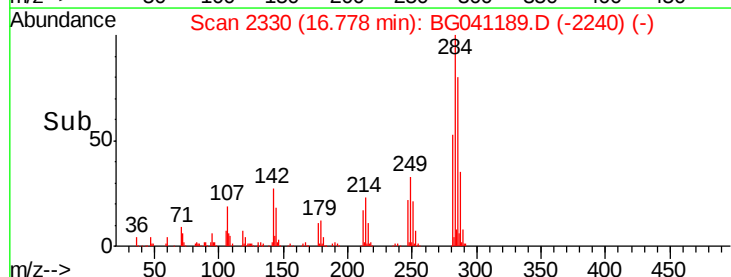
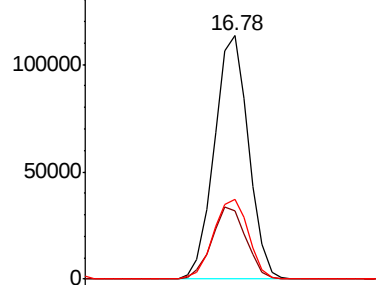


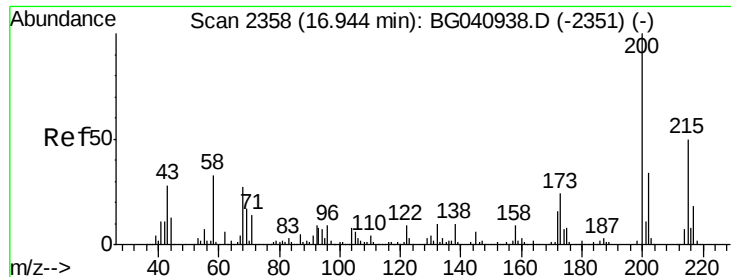
#68
Hexachlorobenzene
Concen: 42.736 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:284 Resp: 169065
Ion Ratio Lower Upper
284 100
142 27.9 23.9 35.9
249 32.8 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

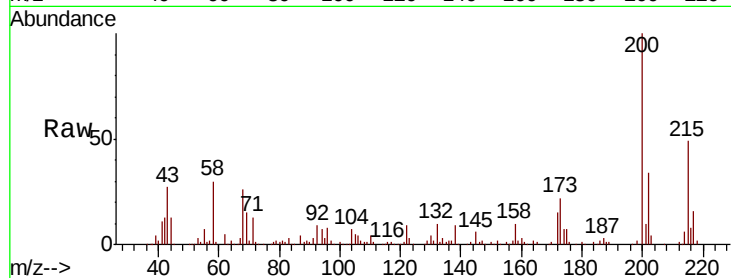




#69
Atrazine
Concen: 49.748 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	3.6	43.6
215	48.8	29.6	69.6

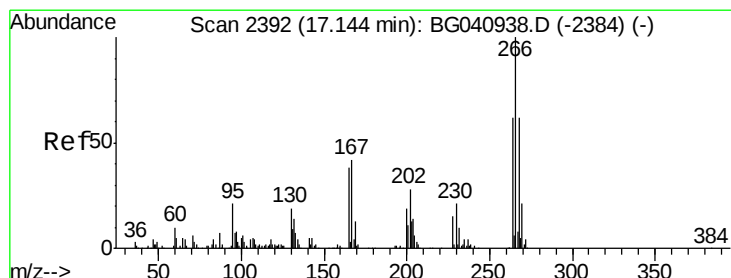
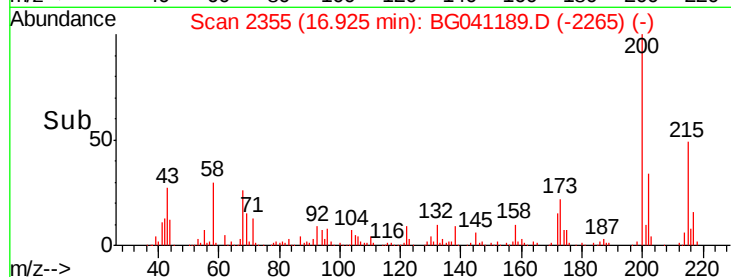
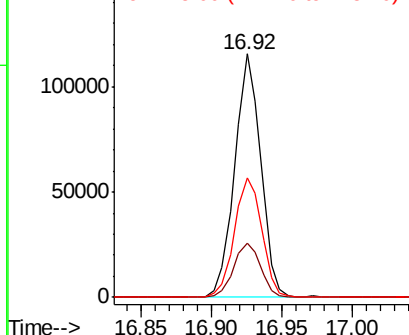


Abundance

Ion 200.00 (199.70 to 200.70): E

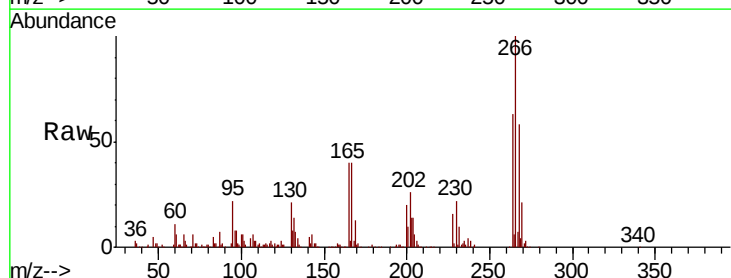
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.343 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.3	53.1	79.7
264	63.2	49.9	74.9

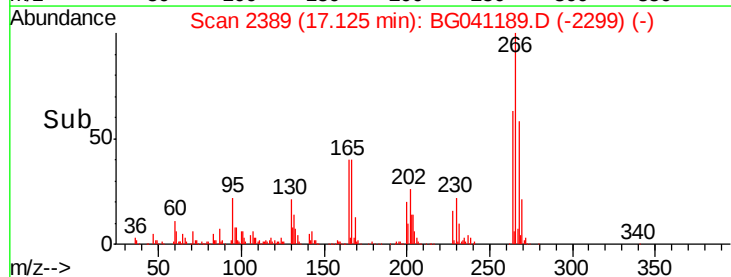
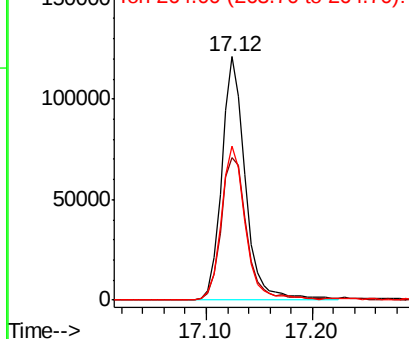


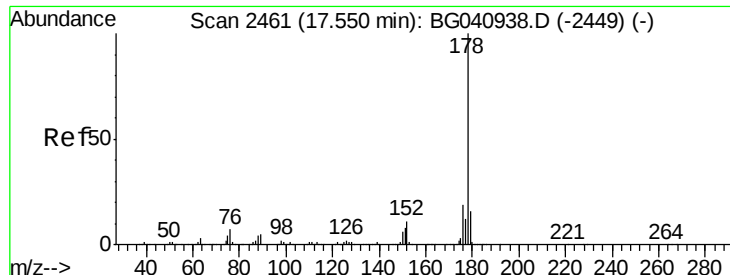
Abundance

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

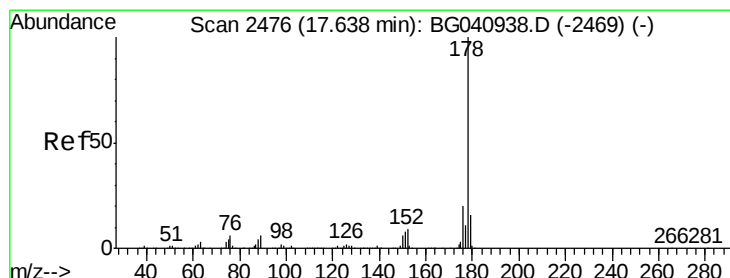
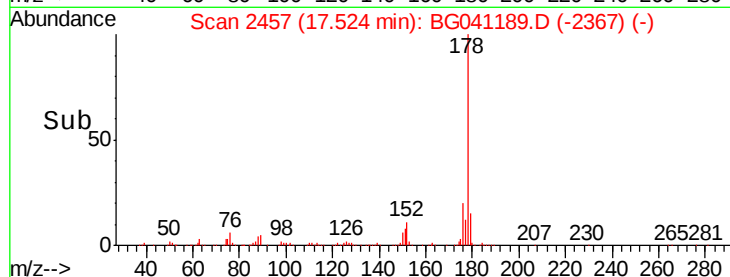
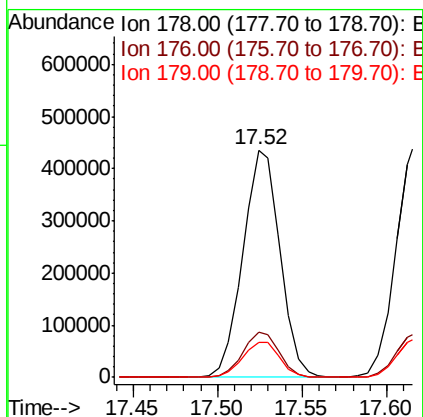
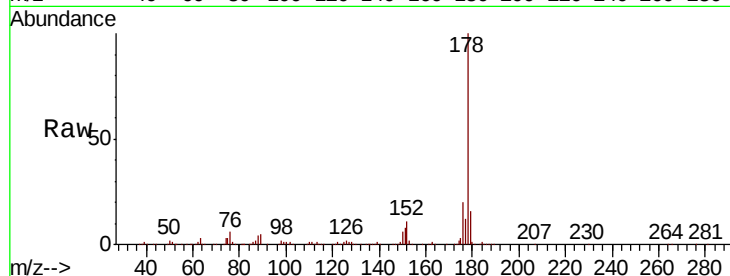




#71
Phenanthrene
Concen: 46.288 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

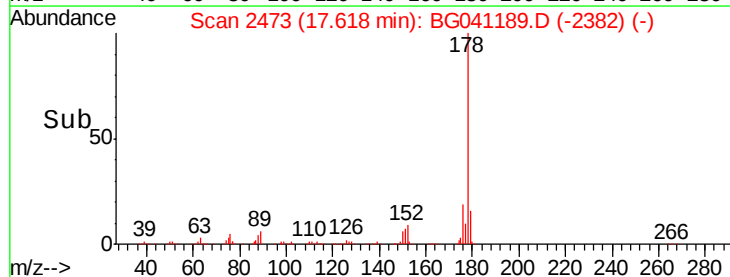
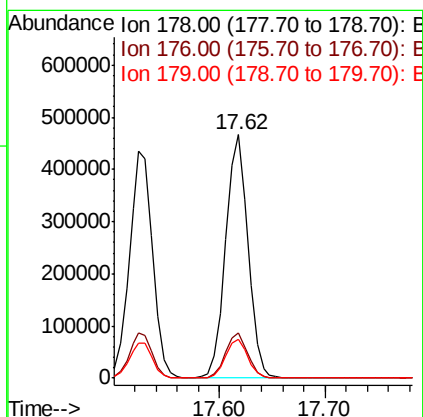
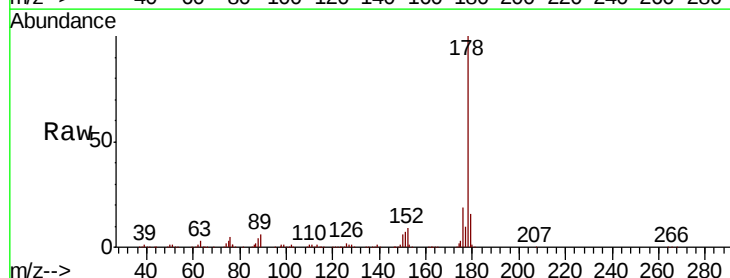
Instrument :
BNA_G
ClientSampleId :

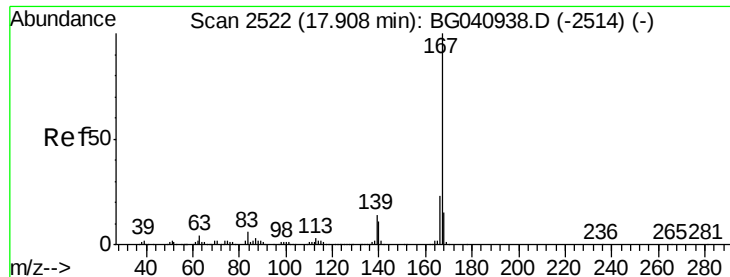
Tot Ion:178 Resp: 663749
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.6 12.7 19.1



#72
Anthracene
Concen: 48.077 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:178 Resp: 679928
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.9 13.0 19.4

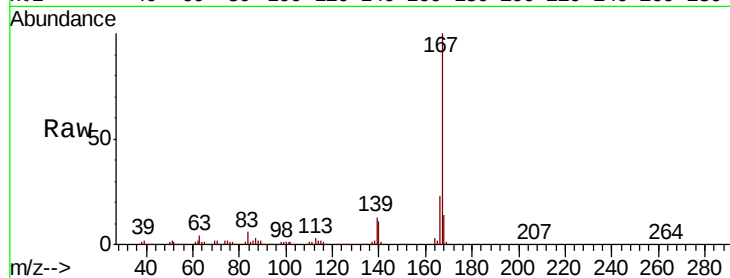




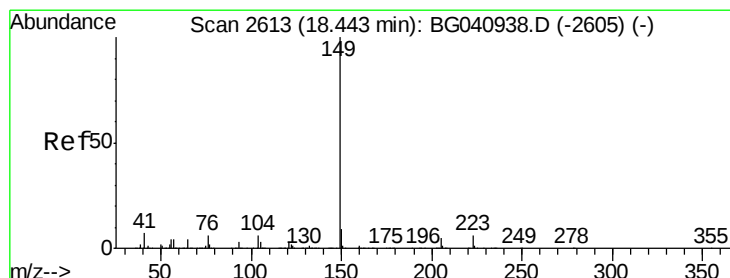
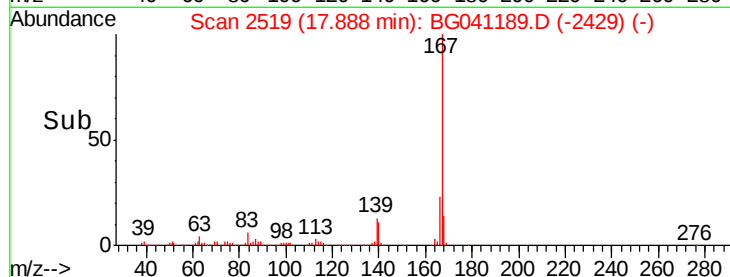
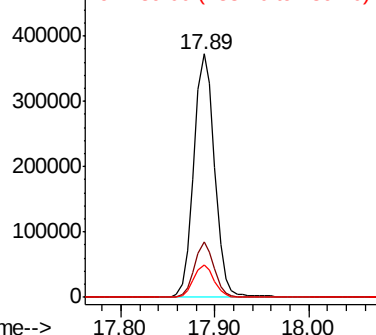
#73
 Carbazole
 Concen: 47.821 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.3	10.8	16.2

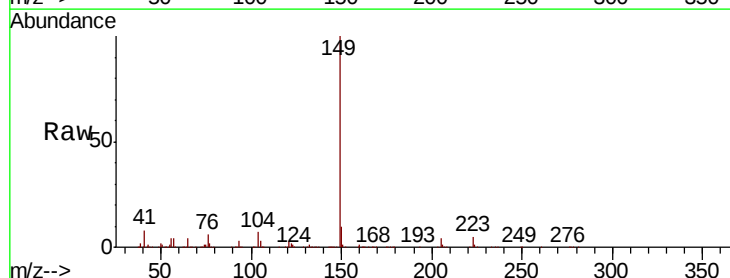


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

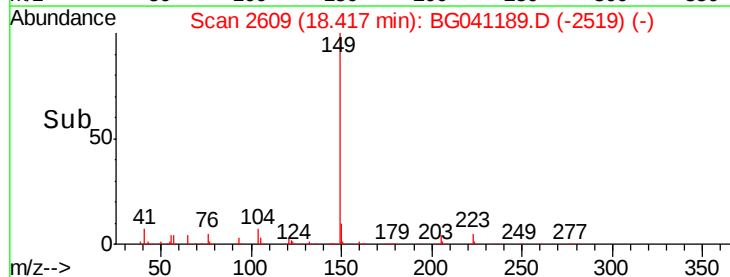
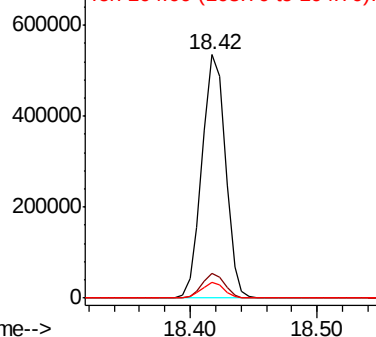


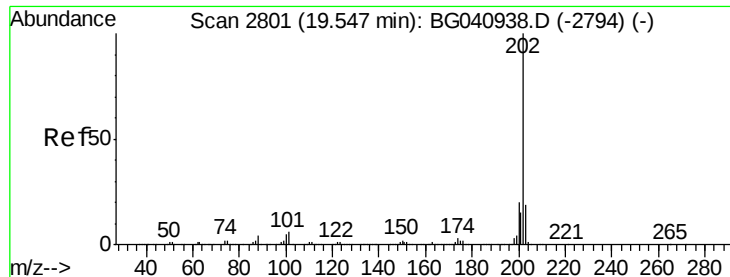
#74
 Di-n-butylphthalate
 Concen: 45.403 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041189.D
 Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.7	5.0	7.4



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





#75

Fluoranthene

Concen: 47.810 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

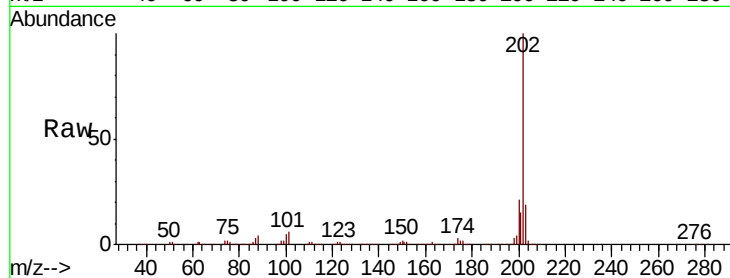
Tot Ion:202 Resp: 846795

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

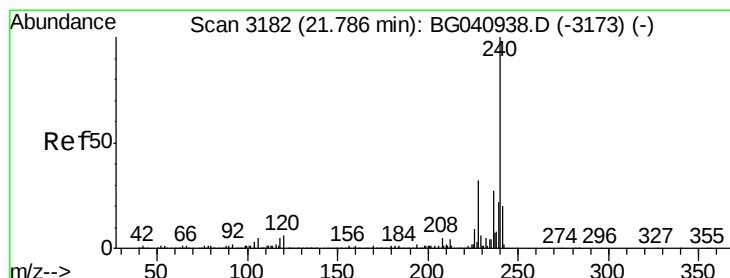
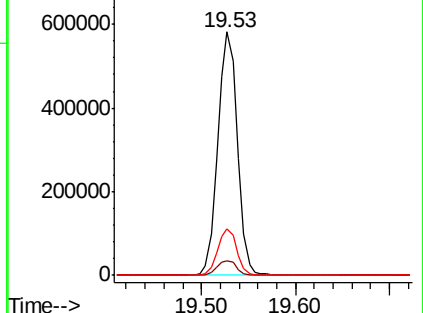
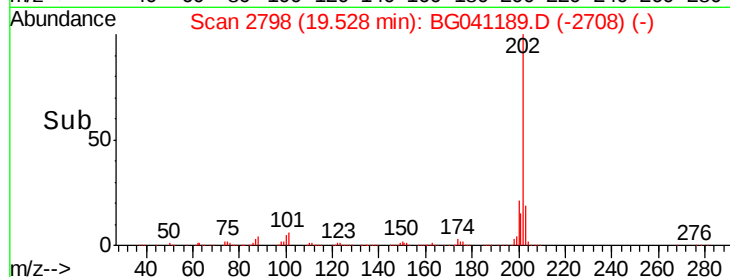
203 19.3 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

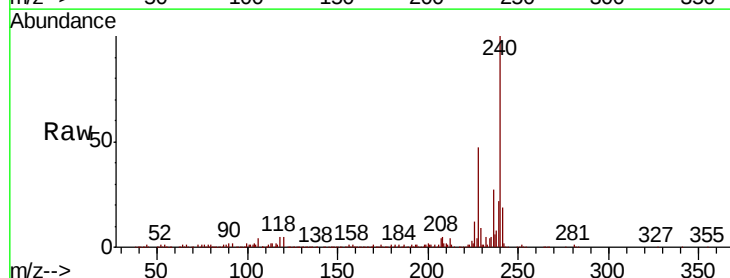
Tgt Ion:240 Resp: 268460

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7

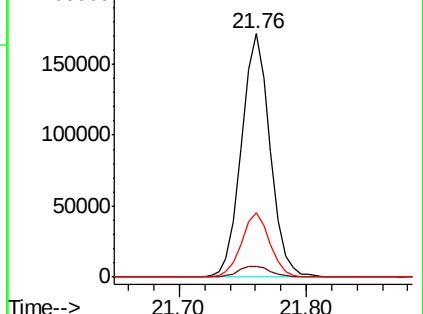
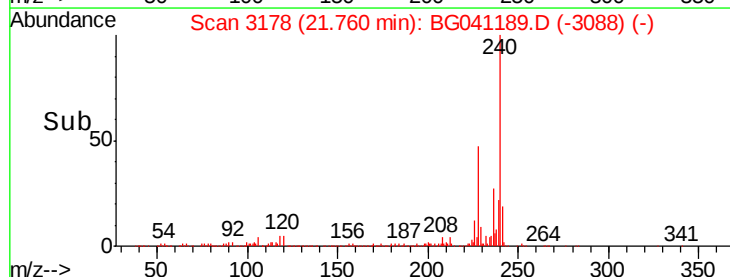
236 26.6 21.3 31.9

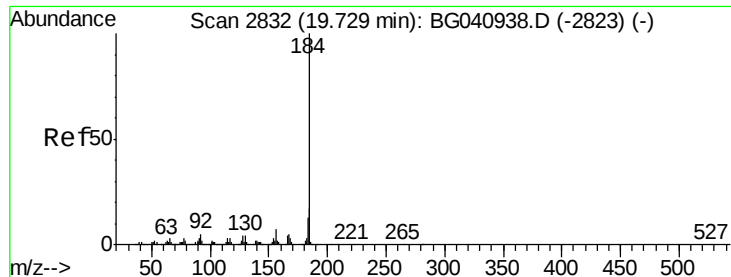


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.684 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

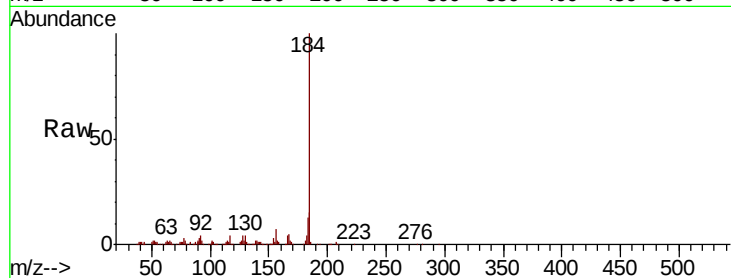
Tot Ion:184 Resp: 260547

Ion Ratio Lower Upper

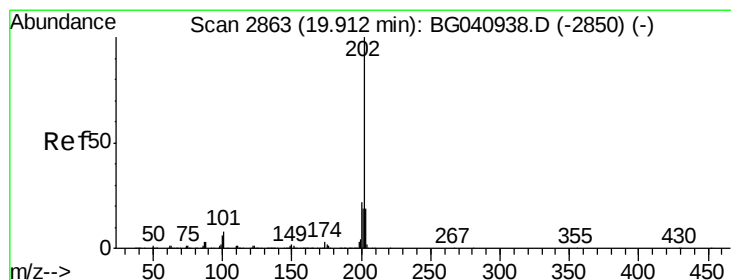
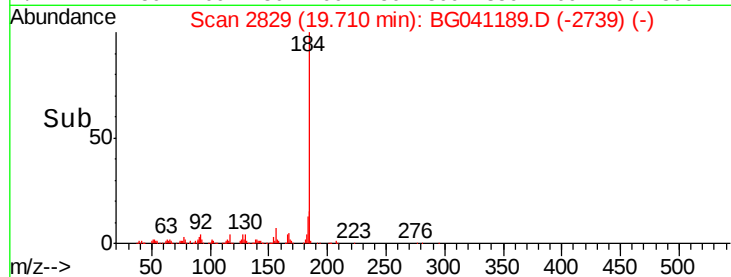
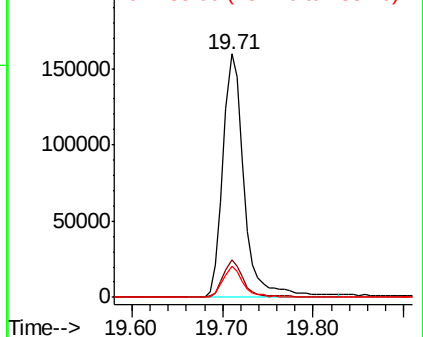
184 100

185 15.5 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: 48.589 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

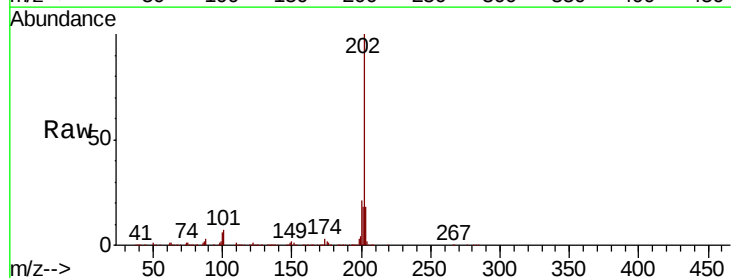
Tgt Ion:202 Resp: 847958

Ion Ratio Lower Upper

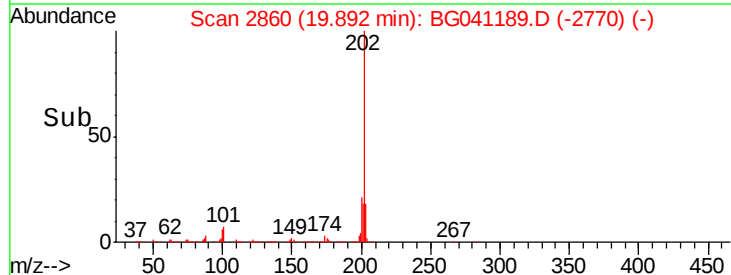
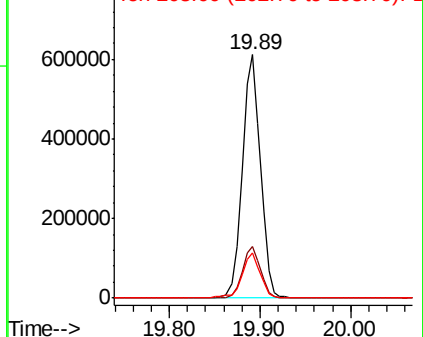
202 100

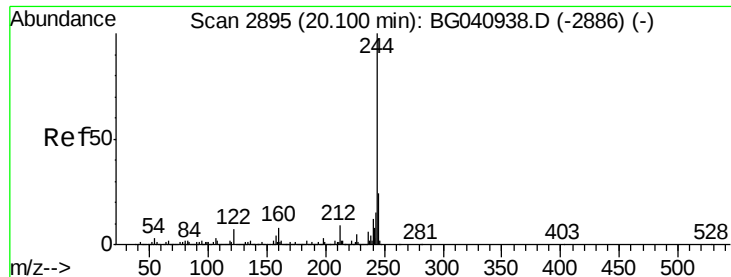
200 21.3 17.5 26.3

203 18.4 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: 92.418 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampled :

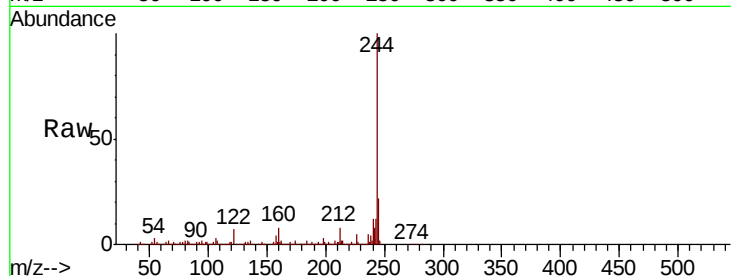
Tot Ion:244 Resp: 1169021

Ion Ratio Lower Upper

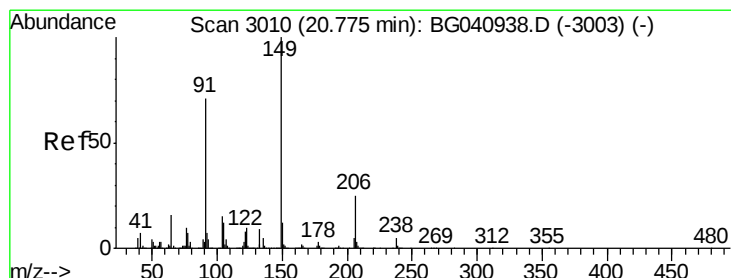
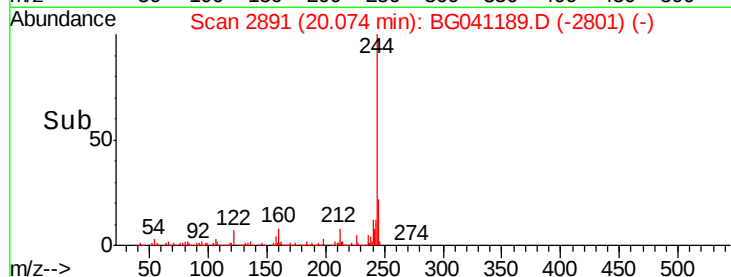
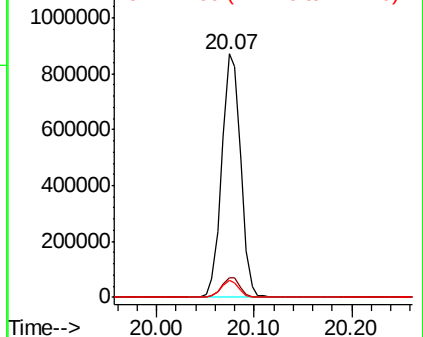
244 100

212 8.3 7.0 10.4

122 7.1 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: 45.622 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

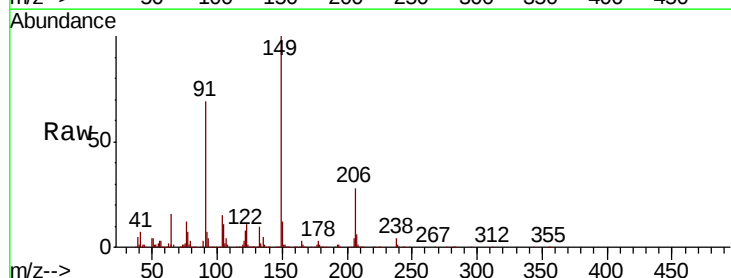
Tgt Ion:149 Resp: 309839

Ion Ratio Lower Upper

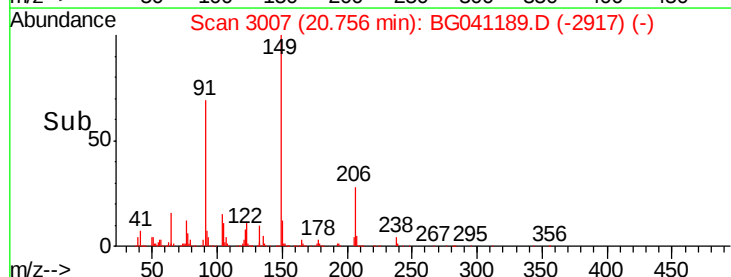
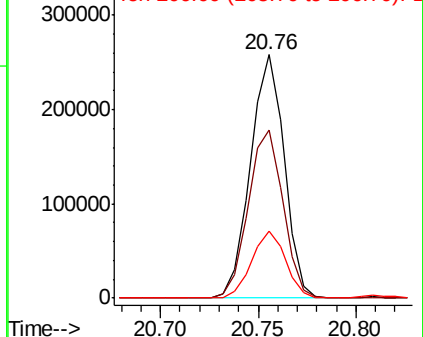
149 100

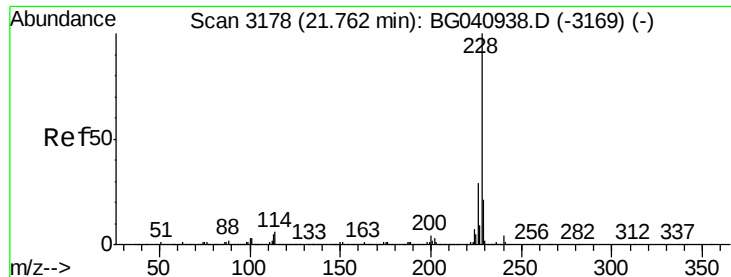
91 68.8 56.5 84.7

206 27.6 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

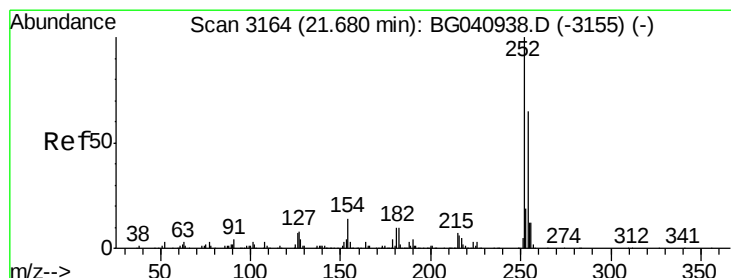
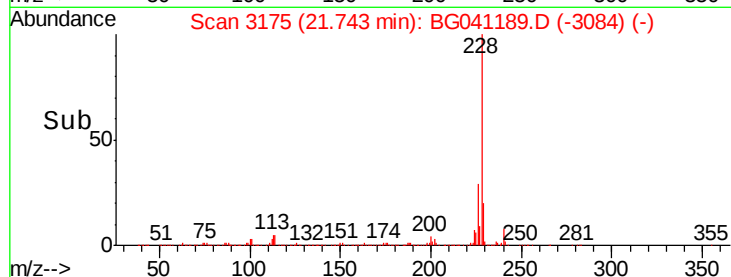
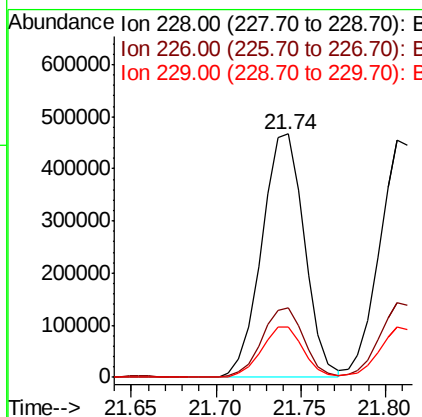
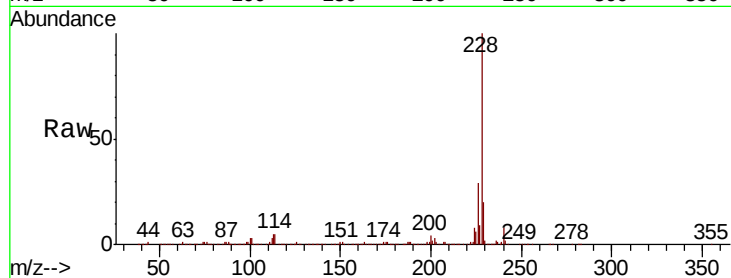




#81
Benzo(a)anthracene
Concen: 45.481 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

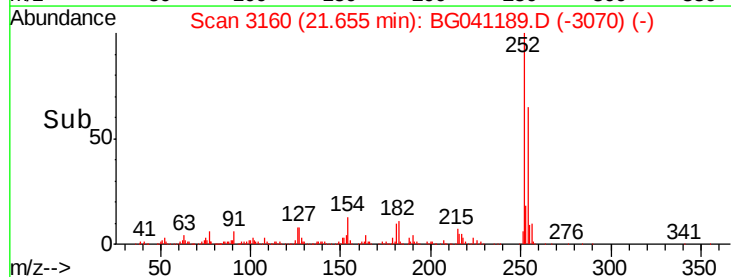
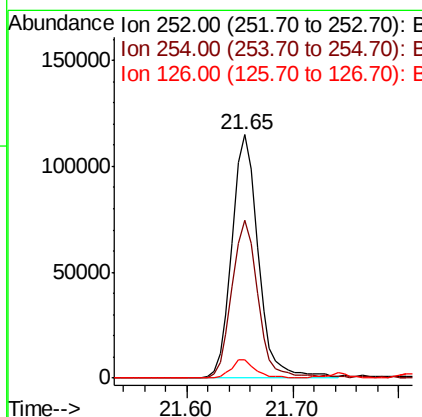
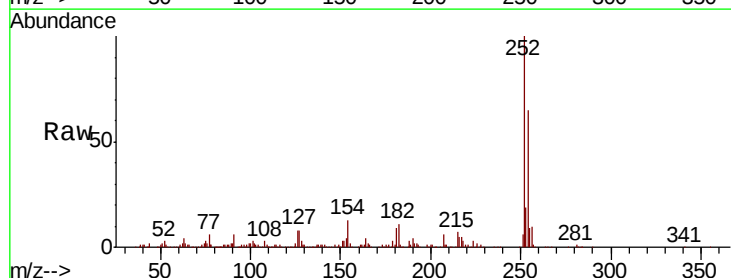
Instrument :
BNA_G
ClientSampleId :

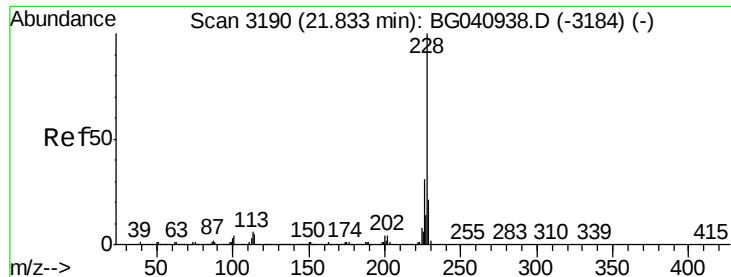
Tot Ion:228 Resp: 812762
Ion Ratio Lower Upper
228 100
226 28.8 23.5 35.3
229 20.5 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 31.711 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:252 Resp: 199318
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 7.6 5.5 8.3





#83

Chrysene

Concen: 46.595 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampleId :

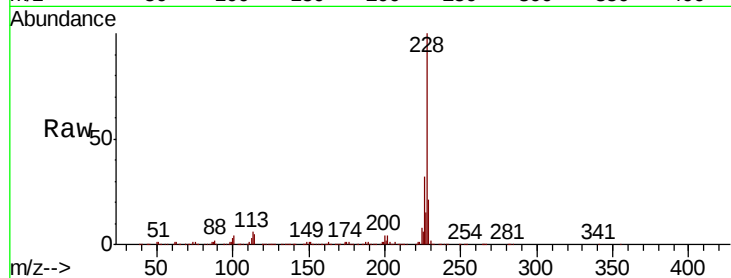
Tot Ion:228 Resp: 796835

Ion Ratio Lower Upper

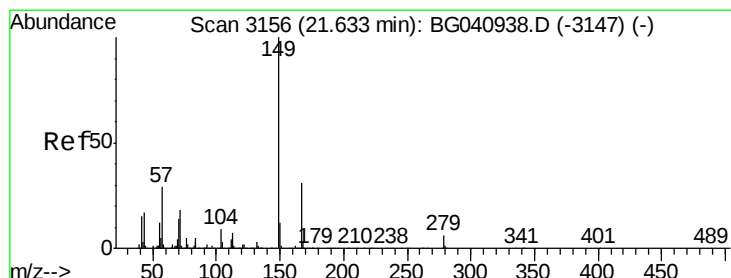
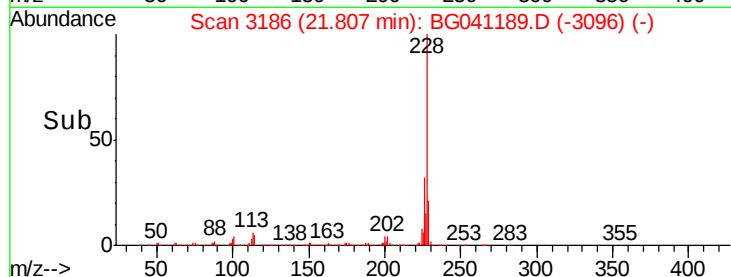
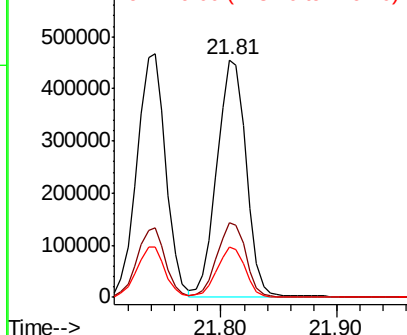
228 100

226 31.5 24.6 37.0

229 21.2 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.820 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

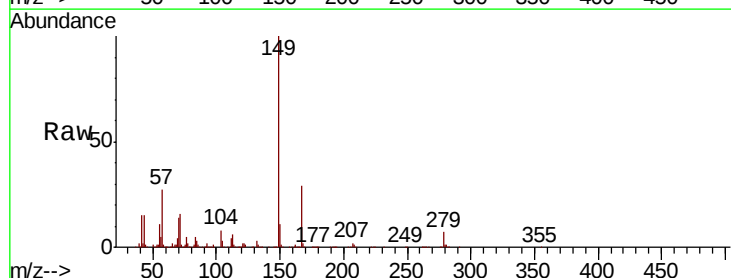
Tgt Ion:149 Resp: 438059

Ion Ratio Lower Upper

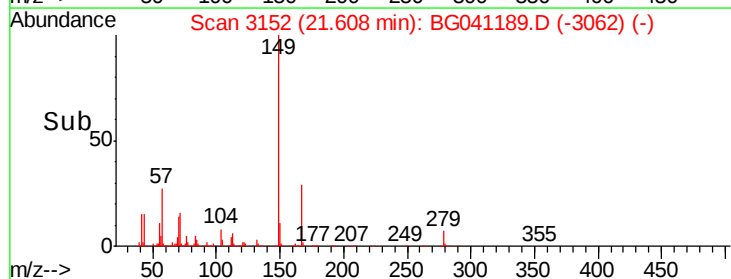
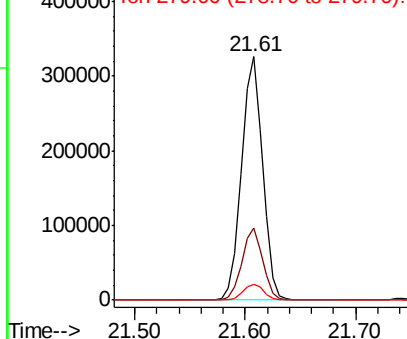
149 100

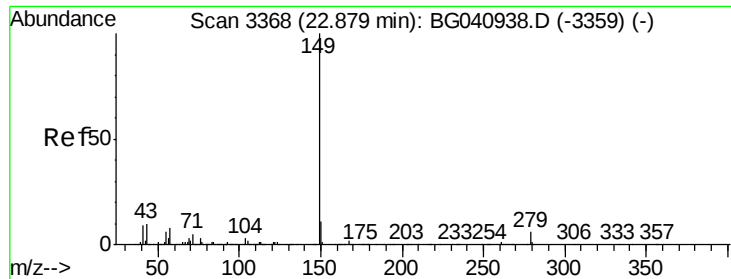
167 29.4 24.6 37.0

279 6.5 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.497 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

Instrument :

BNA_G

ClientSampled :

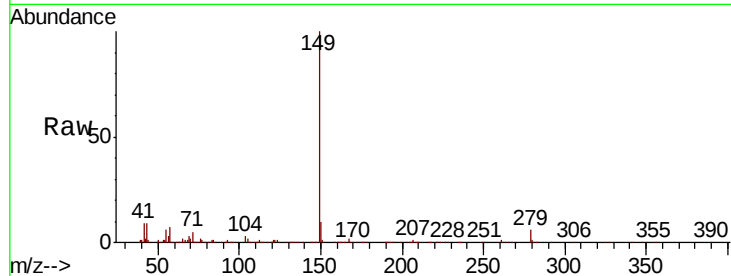
Tot Ion:149 Resp: 740347

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

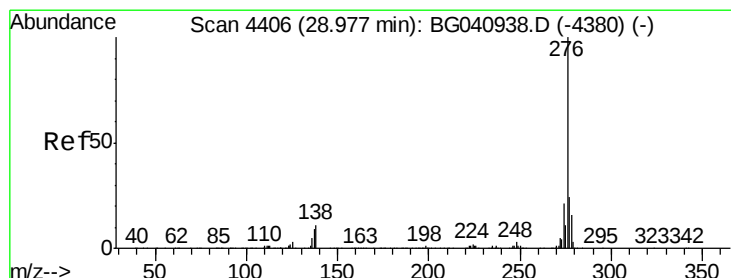
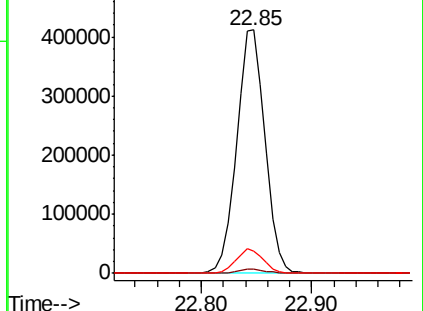
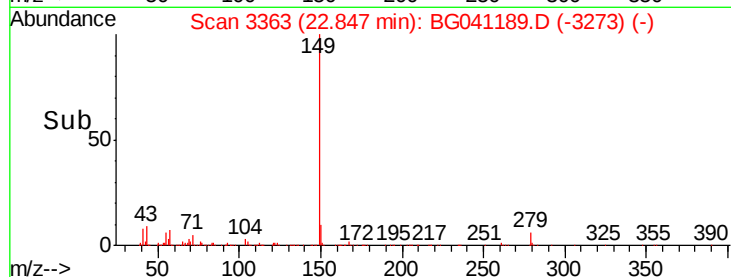
43 9.7 8.1 12.1



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: 34.794 ng

RT: 28.90 min Scan# 4394

Delta R.T. 0.00 min

Lab File: BG041189.D

Acq: 11 Jun 2019 14:49

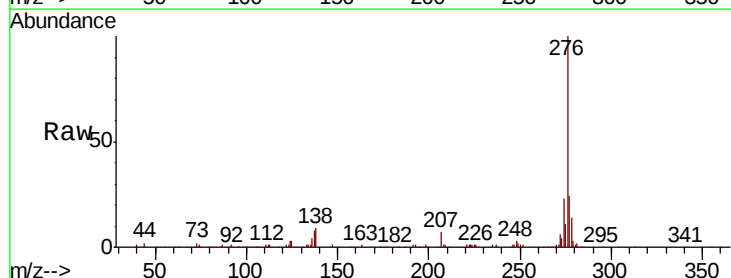
Tgt Ion:276 Resp: 728877

Ion Ratio Lower Upper

276 100

138 3.8 5.7 8.5#

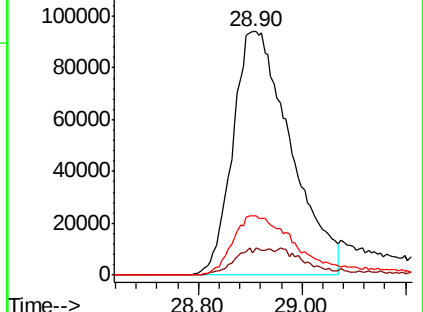
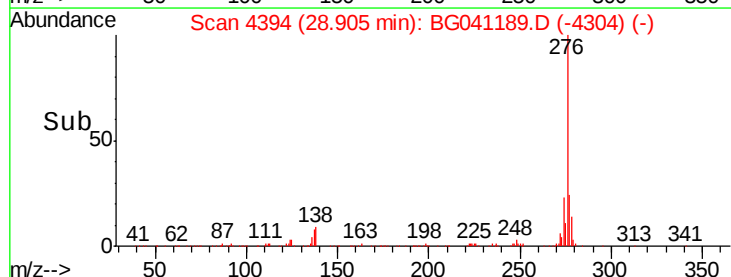
277 26.8 20.8 31.2

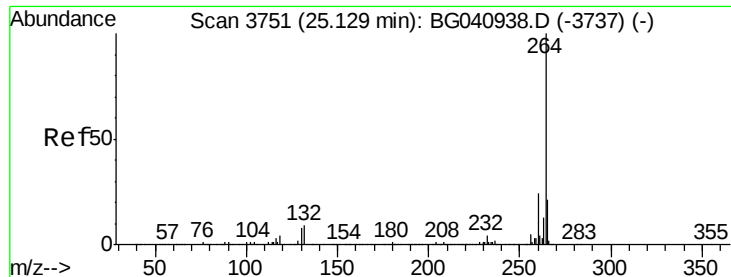


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

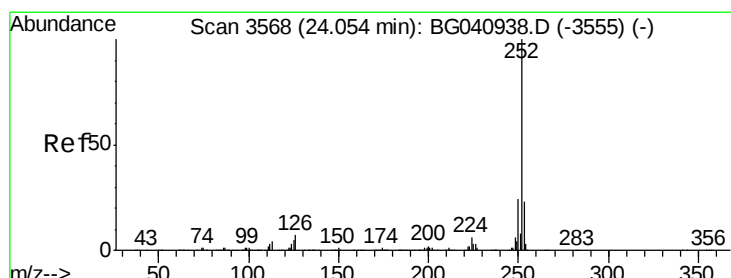
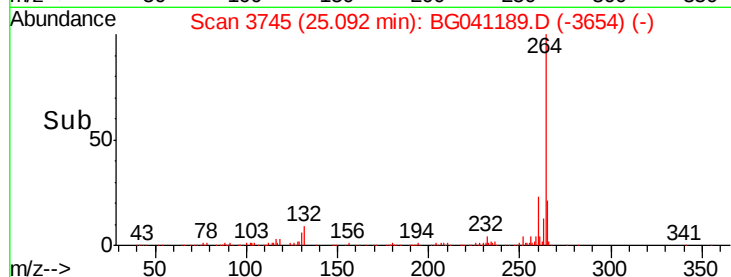
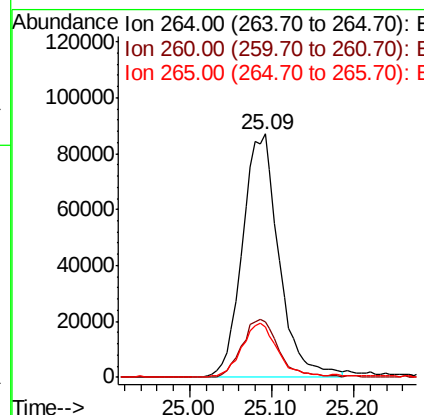
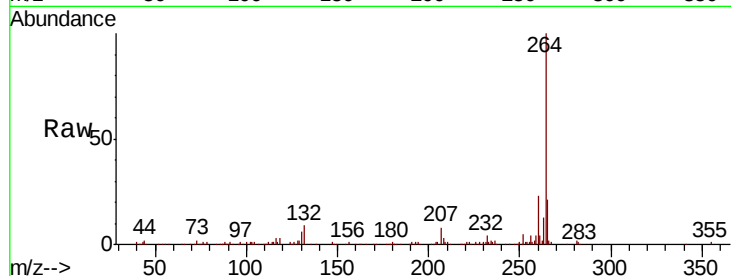




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

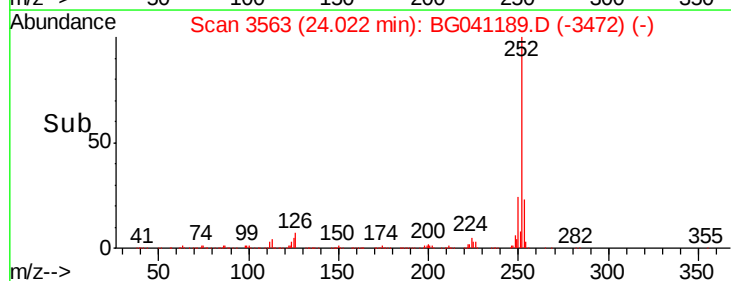
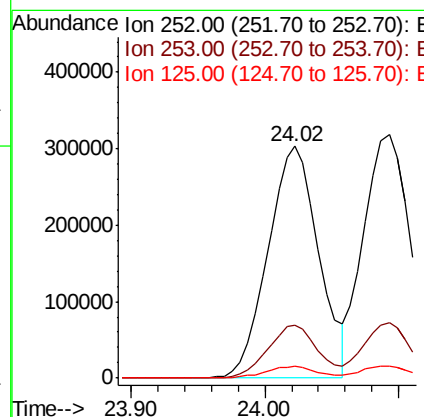
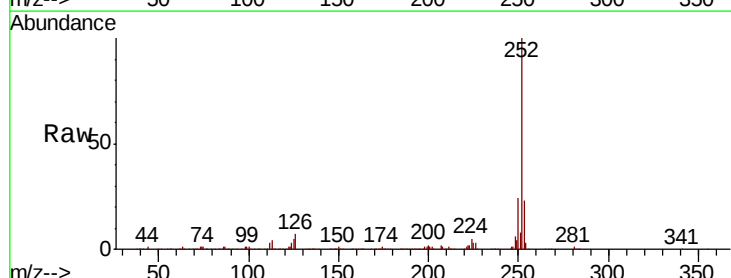
Instrument :
BNA_G
ClientSampleId :

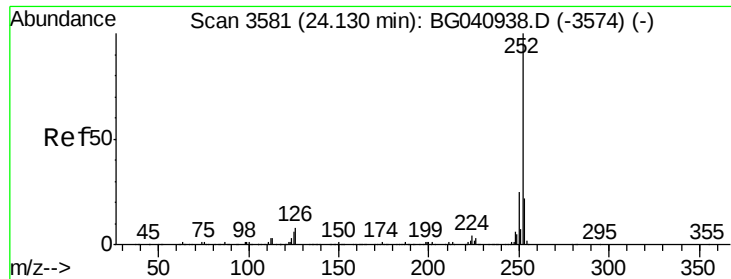
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.7	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 48.549 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	4.9	4.3	6.5

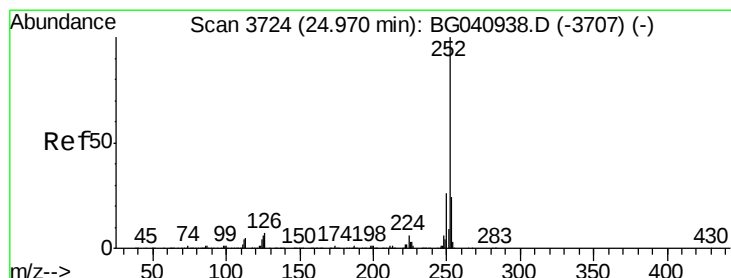
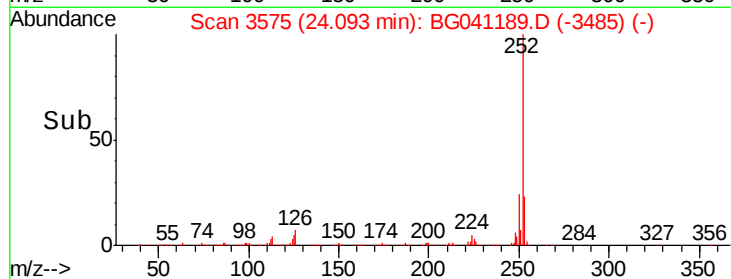
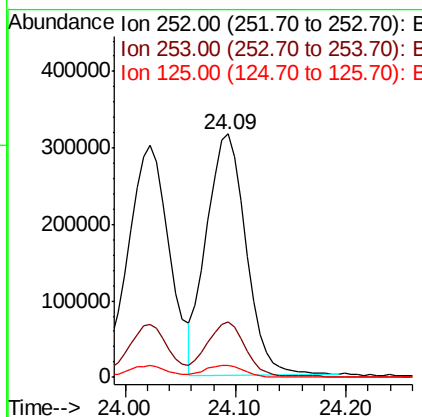
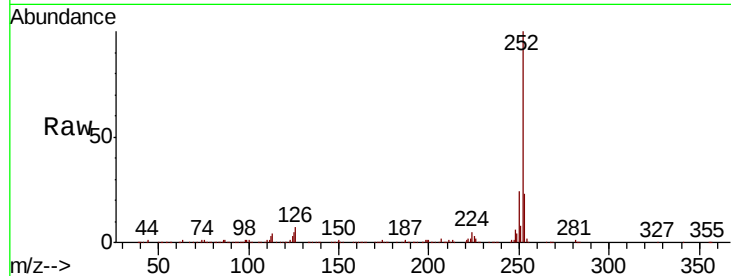




#89
Benzo(k)fluoranthene
Concen: 48.123 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

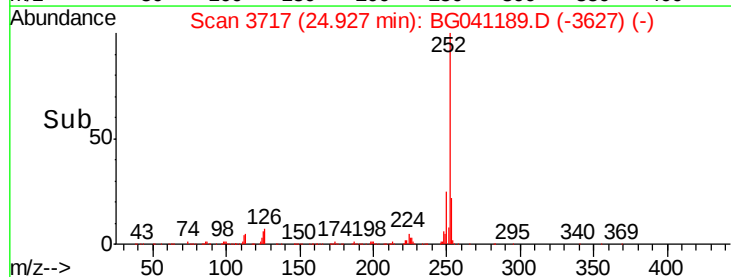
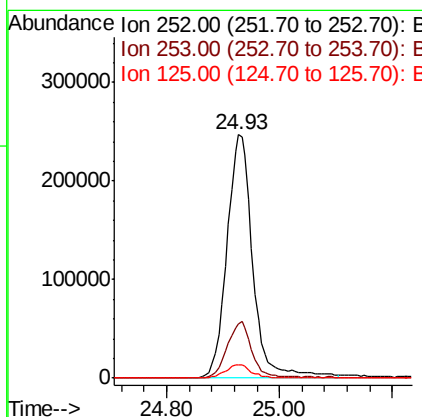
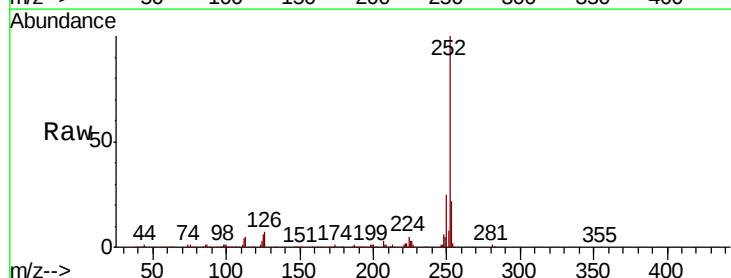
Instrument :
BNA_G
ClientSampleId :

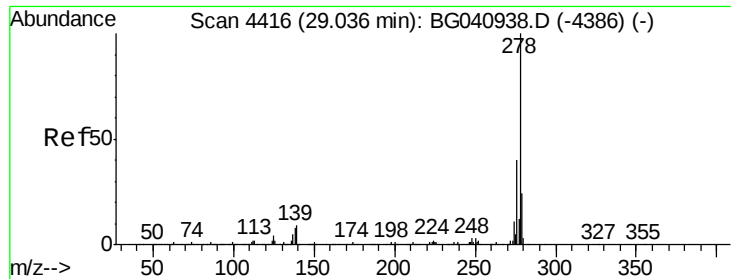
Tot Ion:252 Resp: 782445
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 4.9 4.7 7.1



#90
Benzo(a)pyrene
Concen: 50.057 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion:252 Resp: 784685
Ion Ratio Lower Upper
252 100
253 22.2 19.5 29.3
125 5.7 5.1 7.7

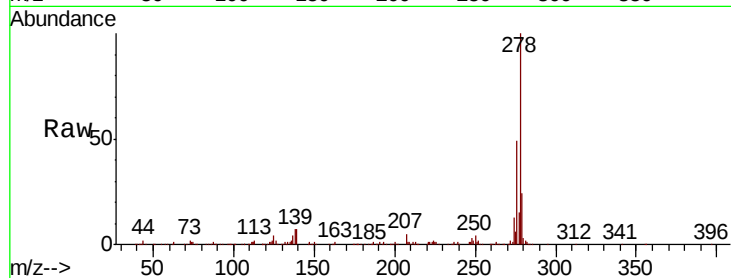




#91
Dibenzo(a,h)anthracene
Concen: 39.203 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	7.1	10.7
279	23.5	19.4	29.2

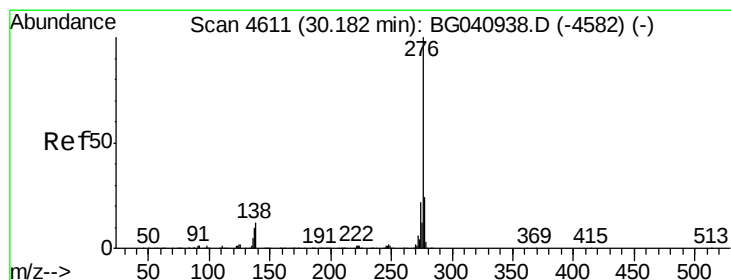
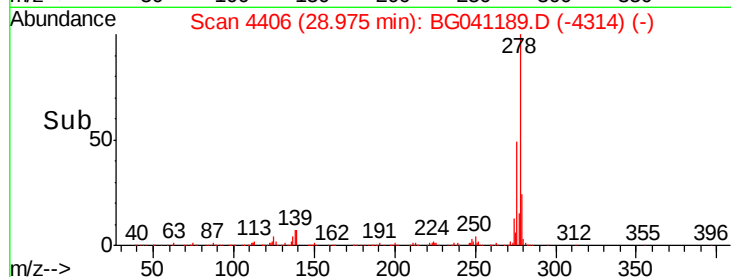
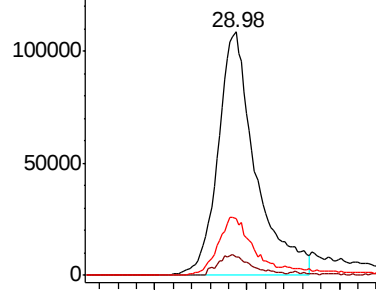


Abundance

Ion 278.00 (277.70 to 278.70): E

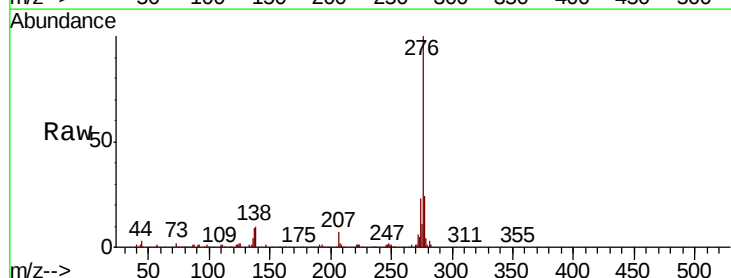
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.109 ng
RT: 30.12 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041189.D
Acq: 11 Jun 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	10.3	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

