

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
 Data File : BG041235.D
 Acq On : 14 Jun 2019 00:36
 Operator : HP/JU
 Sample : K3159-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Quant Time: Jun 14 04:54:50 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	8.10	152	37370	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	149804	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	108815	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	277258	20.00	ng	0.00
76) Chrysene-d12	21.76	240	277435	20.00	ng	0.00
87) Perylene-d12	25.08	264	266202	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	273497	131.97	ng	0.00
7) Phenol-d6	7.26	99	361349	112.90	ng	0.00
23) Nitrobenzene-d5	9.28	82	317677	94.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	238706	147.77	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	741825	98.18	ng	0.00
79) Terphenyl-d14	20.07	244	1327293	101.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	31843	33.861	ng	# 7
3) Pyridine	3.92	79	67774	24.356	ng	96
4) n-Nitrosodimethylamine	3.83	42	51614	39.965	ng	# 85
6) Aniline	7.43	93	31773	7.437	ng	99
8) 2-Chlorophenol	7.66	128	108287	43.828	ng	97
9) Benzaldehyde	7.24	77	27586	14.448	ng	88
10) Phenol	7.29	94	125326	36.520	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	102534	41.186	ng	99
12) 1,3-Dichlorobenzene	7.99	146	123258	41.769	ng	98
13) 1,4-Dichlorobenzene	8.14	146	124698	41.747	ng	95
14) 1,2-Dichlorobenzene	8.45	146	121716	41.968	ng	98
15) Benzyl Alcohol	8.34	79	123613	41.751	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	165596	40.706	ng	98
17) 2-Methylphenol	8.54	107	102700	41.333	ng	97
18) Hexachloroethane	9.18	117	48781	42.373	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	99937	40.574	ng	95
20) 3+4-Methylphenols	8.87	107	133280	38.724	ng	96
22) Acetophenone	8.94	105	193050	45.940	ng	98
24) Nitrobenzene	9.32	77	162300	47.196	ng	98
25) Isophorone	9.84	82	287306	44.739	ng	99
26) 2-Nitrophenol	10.04	139	68922	48.616	ng	89
27) 2,4-Dimethylphenol	10.08	122	116897	49.927	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	150408	43.395	ng	100
29) 2,4-Dichlorophenol	10.57	162	132897	44.698	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	153325	45.331	ng	96
31) Naphthalene	10.98	128	375441	46.679	ng	98
32) Benzoic acid	10.21	122	34015	23.649	ng	86
33) 4-Chloroaniline	11.10	127	10070	2.698	ng	# 94
34) Hexachlorobutadiene	11.23	225	113131	43.714	ng	93
35) Caprolactam	11.89	113	22916	23.340	ng	99
36) 4-Chloro-3-methylphenol	12.20	107	147315	43.384	ng	96
37) 2-Methylnaphthalene	12.57	142	284665	45.953	ng	99
38) 1-Methylnaphthalene	12.79	142	269493	46.166	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	210898	48.086	ng	99

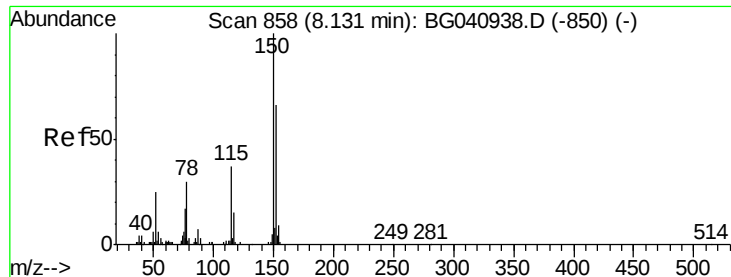
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
 Data File : BG041235.D
 Acq On : 14 Jun 2019 00:36
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Quant Time: Jun 14 04:54:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	217669	91.058	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	131366	46.300	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	137346	45.900	ng	96
46) 1,1'-Biphenyl	13.57	154	386531	47.988	ng	100
47) 2-Chloronaphthalene	13.62	162	318392	46.045	ng	98
48) 2-Nitroaniline	13.83	65	114016	45.962	ng	99
49) Acenaphthylene	14.46	152	493758	47.444	ng	99
50) Dimethylphthalate	14.18	163	424785	46.116	ng	99
51) 2,6-Dinitrotoluene	14.32	165	93857	47.259	ng	98
52) Acenaphthene	14.80	154	293549	46.561	ng	98
53) 3-Nitroaniline	14.65	138	27011	13.601	ng	100
54) 2,4-Dinitrophenol	14.85	184	37394	45.919	ng	# 86
55) Dibenzofuran	15.13	168	511589	48.224	ng	99
56) 4-Nitrophenol	14.95	139	97587	71.640	ng	89
57) 2,4-Dinitrotoluene	15.10	165	131523	46.882	ng	# 96
58) Fluorene	15.78	166	400926	47.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139549	47.455	ng	98
60) Diethylphthalate	15.53	149	426609	45.382	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	253050	46.081	ng	97
62) 4-Nitroaniline	15.82	138	83610	39.767	ng	94
63) Azobenzene	16.06	77	399873	46.802	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	48128	35.187	ng	97
66) n-Nitrosodiphenylamine	15.98	169	358352	45.978	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	167626	44.799	ng	99
68) Hexachlorobenzene	16.77	284	173458	43.535	ng	98
69) Atrazine	16.92	200	150751	50.127	ng	97
70) Pentachlorophenol	17.12	266	158624	74.620	ng	94
71) Phenanthrene	17.52	178	696105	48.200	ng	99
72) Anthracene	17.61	178	697516	48.970	ng	99
73) Carbazole	17.88	167	602703	49.314	ng	100
74) Di-n-butylphthalate	18.41	149	711828	46.862	ng	99
75) Fluoranthene	19.52	202	889793	49.881	ng	99
77) Benzidine	19.72	184	14441	2.182	ng	98
78) Pyrene	19.89	202	900622	49.937	ng	99
80) Butylbenzylphthalate	20.75	149	333653	47.539	ng	96
81) Benzo(a)anthracene	21.73	228	859481	46.539	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	71170	10.957	ng	98
83) Chrysene	21.80	228	850043	48.099	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	460198	46.579	ng	98
85) Di-n-octyl phthalate	22.84	149	781325	47.483	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	574551	26.539	ng	# 93
88) Benzo(b)fluoranthene	24.02	252	749766	46.436	ng	98
89) Benzo(k)fluoranthene	24.08	252	934920	58.514	ng	98
90) Benzo(a)pyrene	24.92	252	797968	51.801	ng	94
91) Dibenzo(a,h)anthracene	28.97	278	444431	28.873	ng	98
92) Benzo(g,h,i)perylene	30.11	276	412687	27.597	ng	96

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

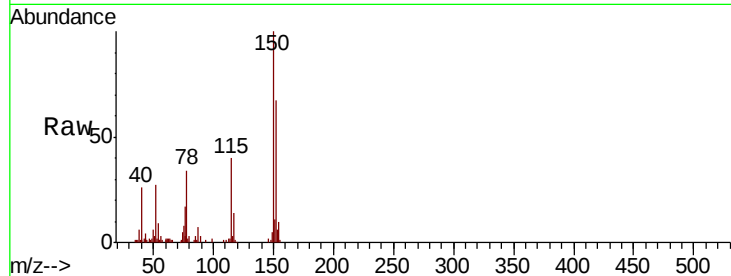


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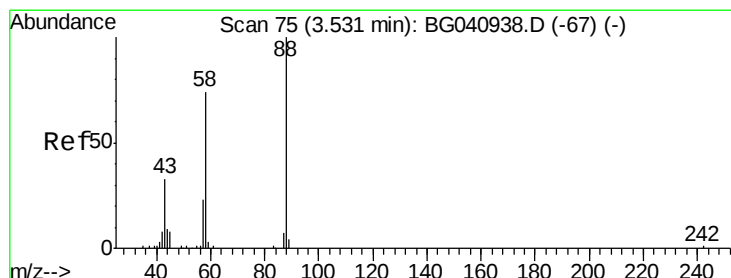
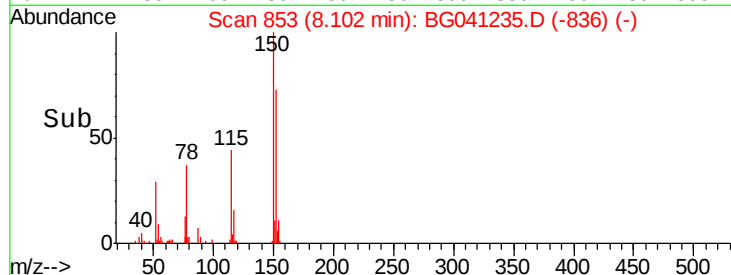
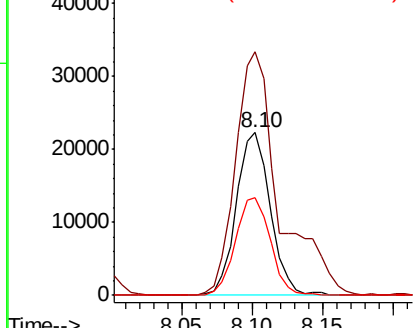
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:152 Resp: 37370
Ion Ratio Lower Upper
152 100
150 149.9 120.6 180.8
115 60.3 45.1 67.7



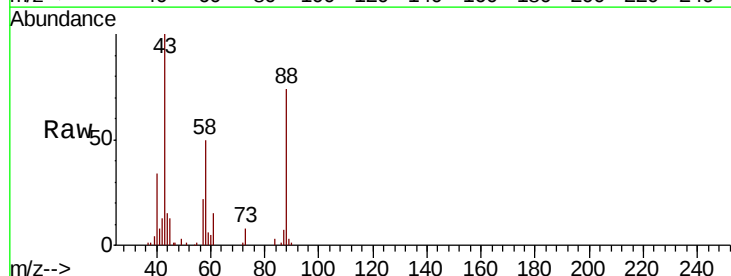
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



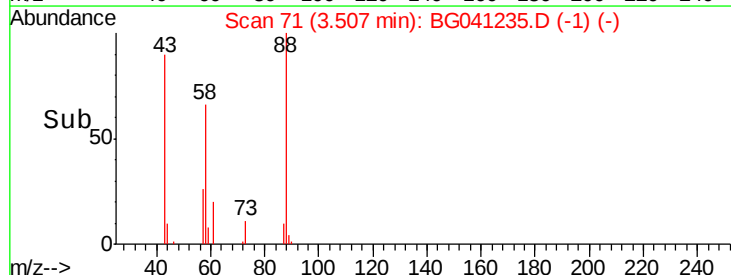
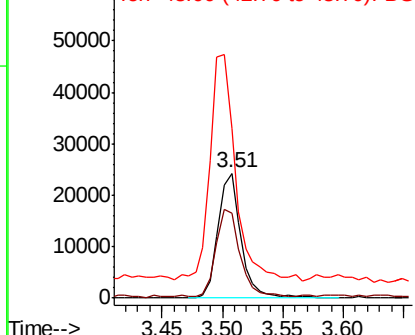
#2

1,4-Dioxane
Concen: 33.861 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion: 88 Resp: 31843
Ion Ratio Lower Upper
88 100
58 74.3 59.0 88.6
43 201.8 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

Pyridine

Concen: 24.356 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

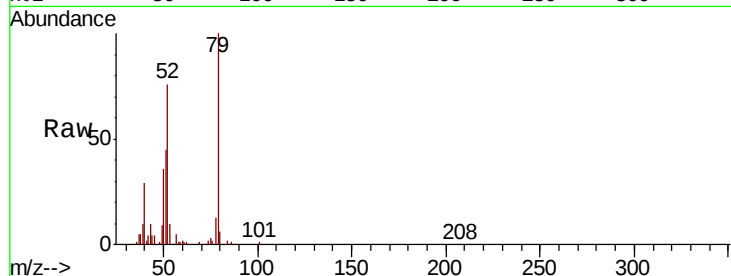
Tgt Ion: 79 Resp: 67774

Ion Ratio Lower Upper

79 100

52 76.1 64.8 97.2

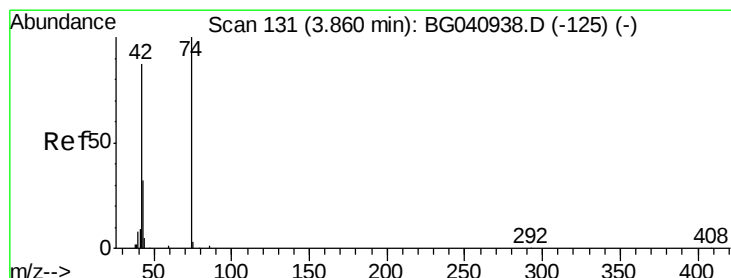
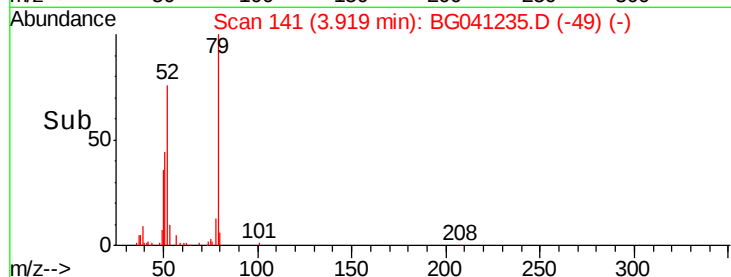
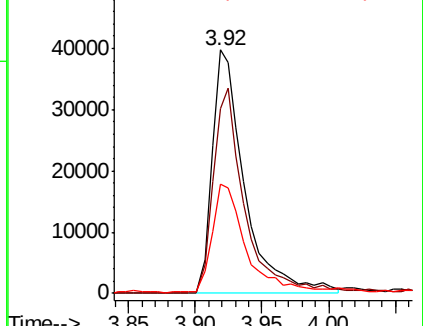
51 44.6 35.3 52.9



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: 39.965 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

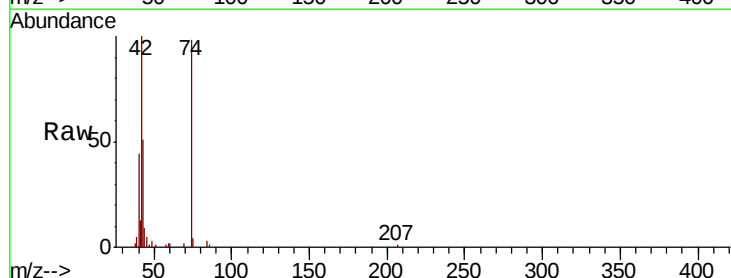
Tgt Ion: 42 Resp: 51614

Ion Ratio Lower Upper

42 100

74 97.6 91.8 137.6

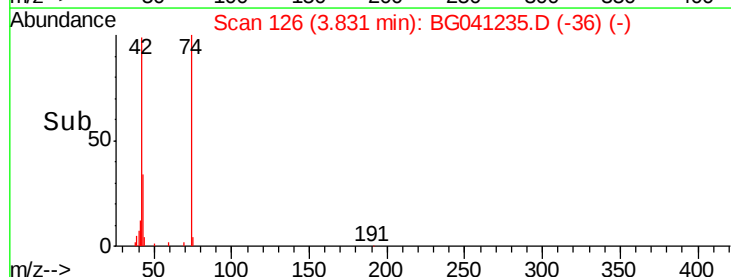
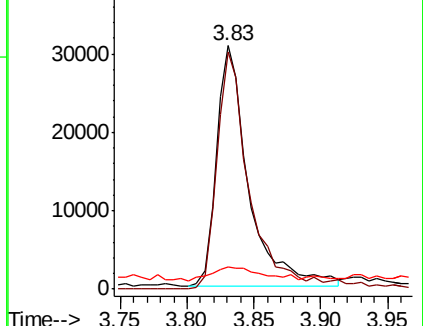
44 9.2 6.0 9.0#



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: 131.970 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

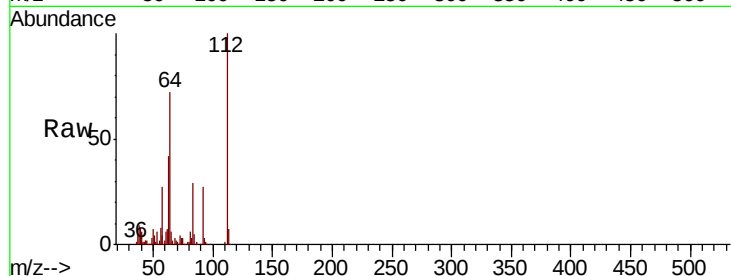
Tgt Ion:112 Resp: 273497

Ion Ratio Lower Upper

112 100

64 72.0 56.2 84.2

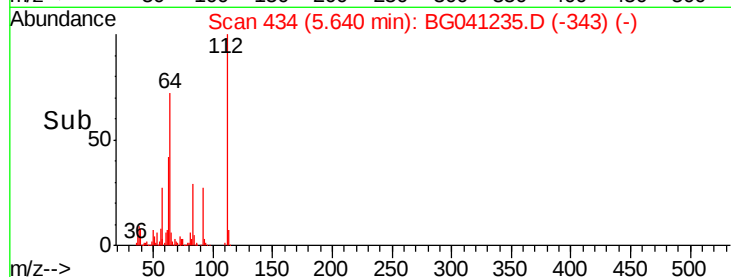
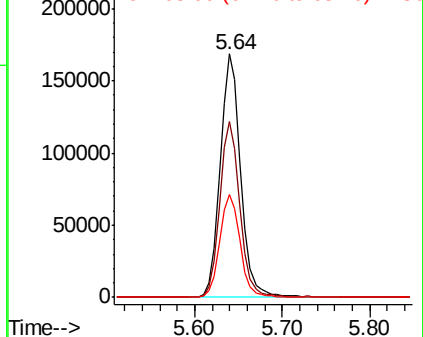
63 42.5 32.8 49.2



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: 7.437 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

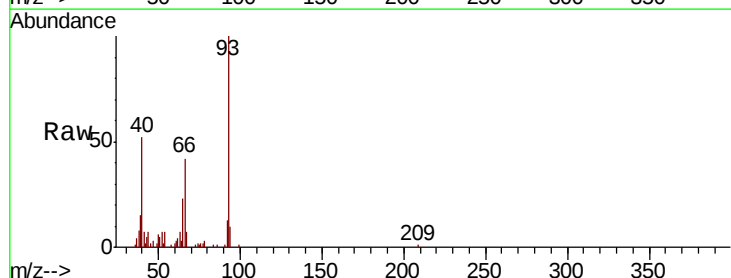
Tgt Ion: 93 Resp: 31773

Ion Ratio Lower Upper

93 100

66 41.7 33.8 50.8

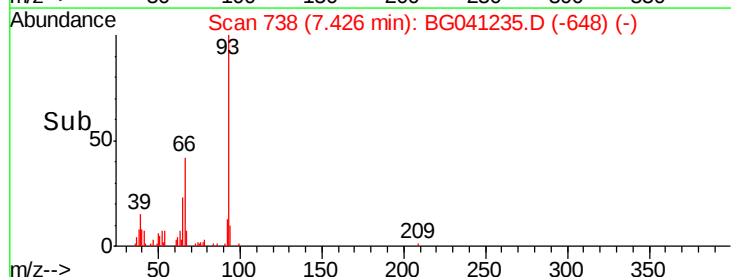
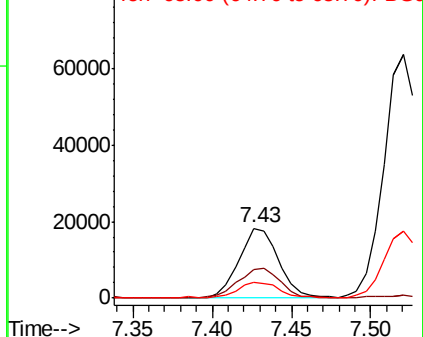
65 23.1 18.3 27.5



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: 112.899 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

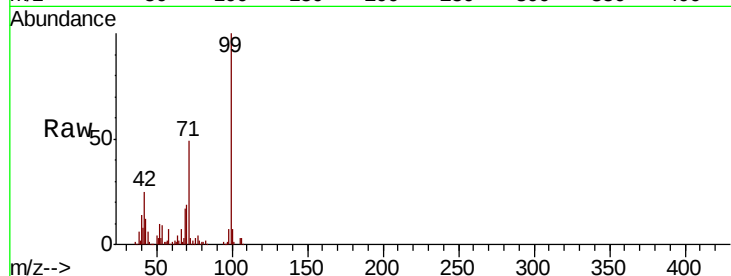
Tgt Ion: 99 Resp: 361349

Ion Ratio Lower Upper

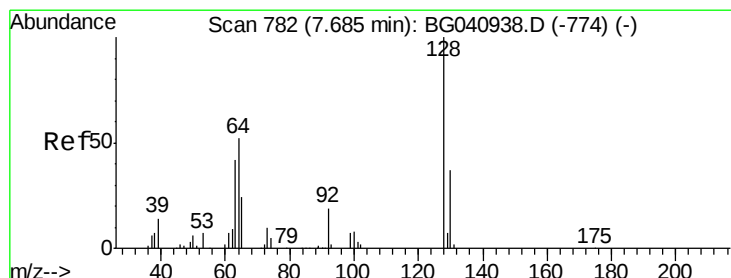
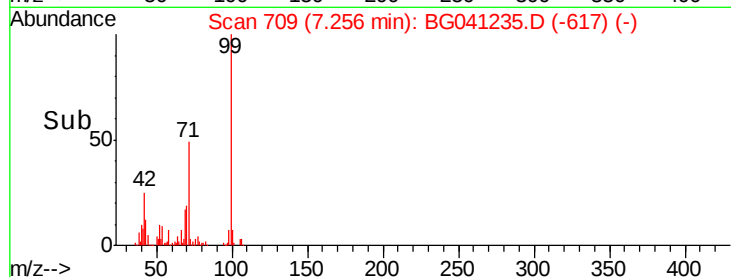
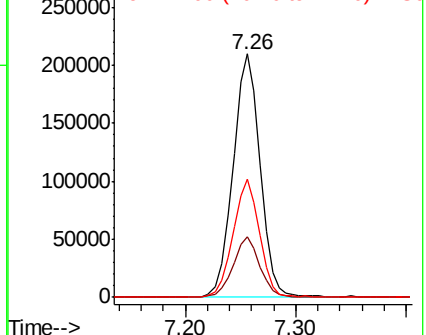
99 100

42 24.7 17.9 26.9

71 48.5 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: 43.828 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

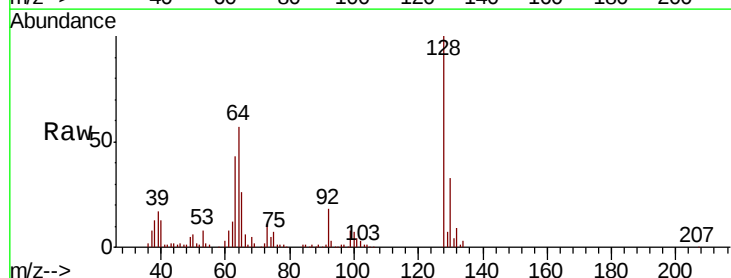
Tgt Ion: 128 Resp: 108287

Ion Ratio Lower Upper

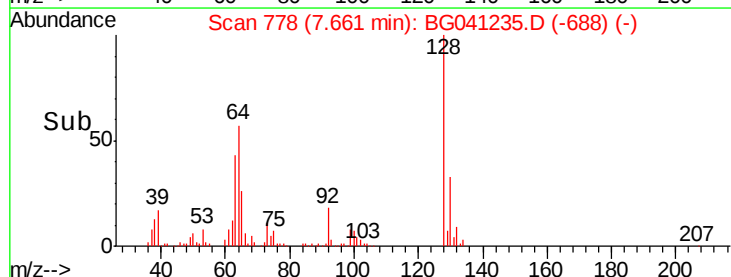
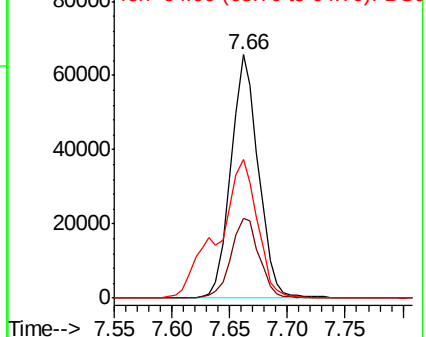
128 100

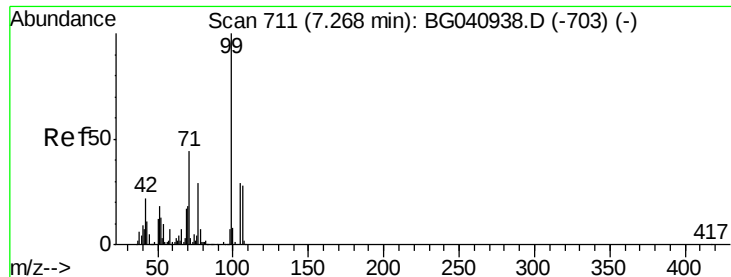
130 32.5 16.6 56.6

64 57.0 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: 14.448 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

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ClientSampleId :

OR-03-061119-AMS

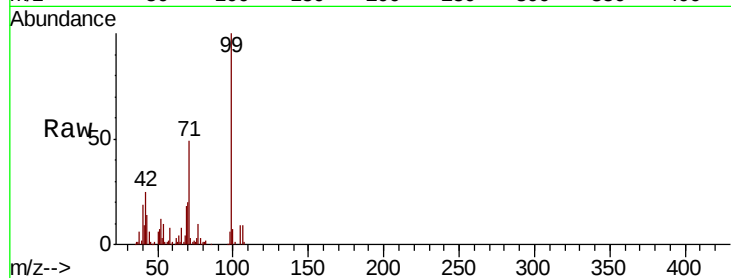
Tgt Ion: 77 Resp: 27586

Ion Ratio Lower Upper

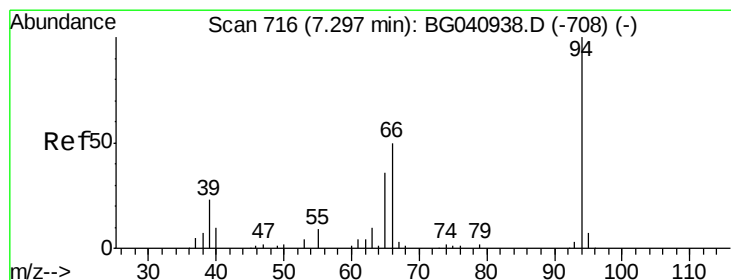
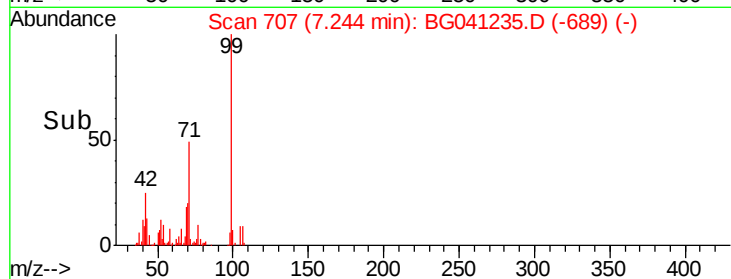
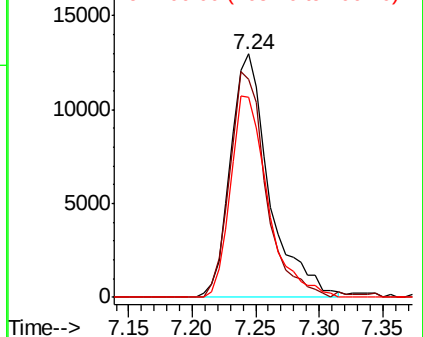
77 100

105 89.7 78.9 118.9

106 82.1 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: 36.520 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

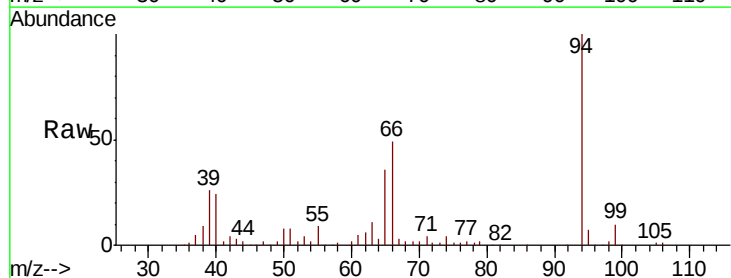
Tgt Ion: 94 Resp: 125326

Ion Ratio Lower Upper

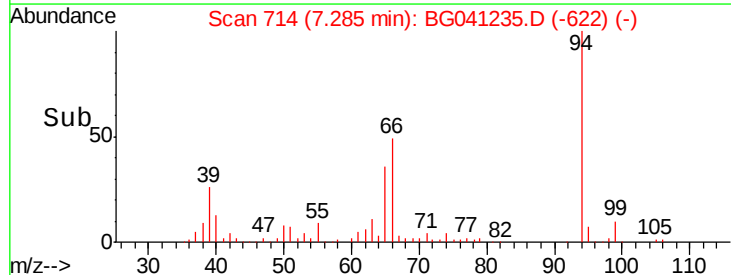
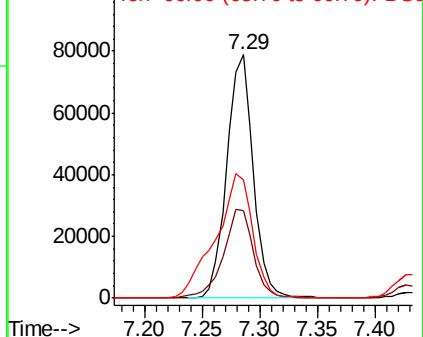
94 100

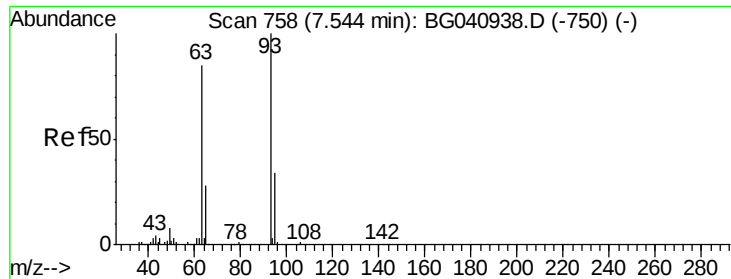
65 35.7 17.0 57.0

66 48.8 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

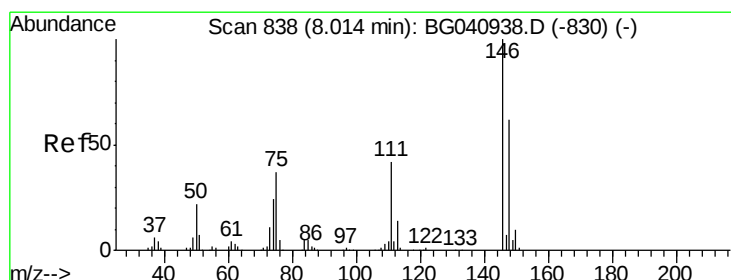
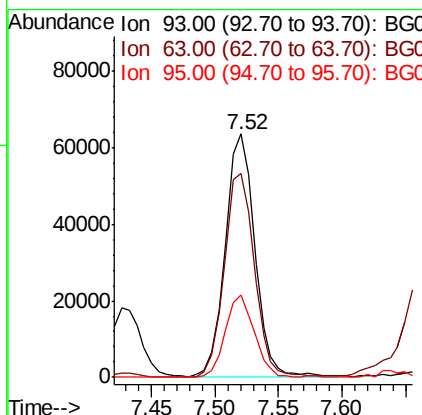
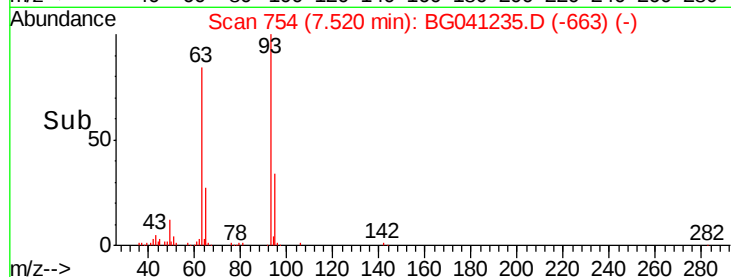
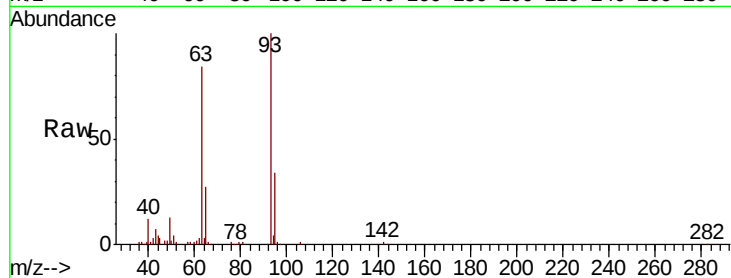




#11
bis(2-Chloroethyl)ether
Concen: 41.186 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

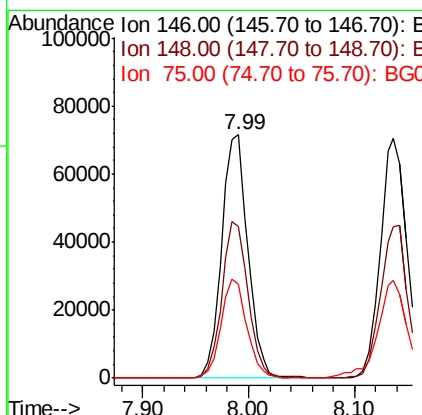
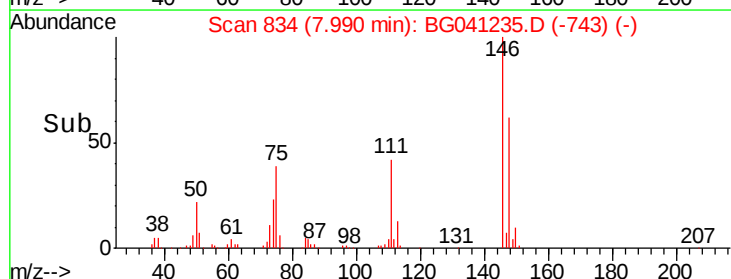
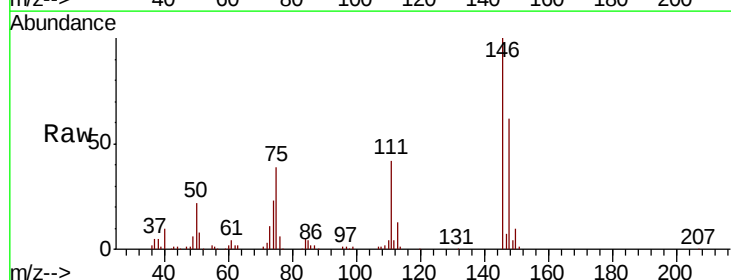
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

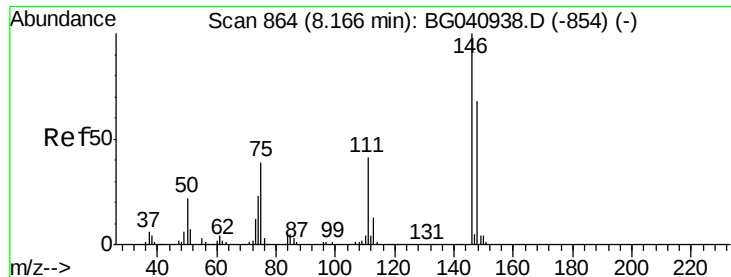
Tgt Ion: 93 Resp: 102534
Ion Ratio Lower Upper
93 100
63 83.7 64.5 104.5
95 34.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.769 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion: 146 Resp: 123258
Ion Ratio Lower Upper
146 100
148 62.3 49.2 73.8
75 38.6 29.4 44.0

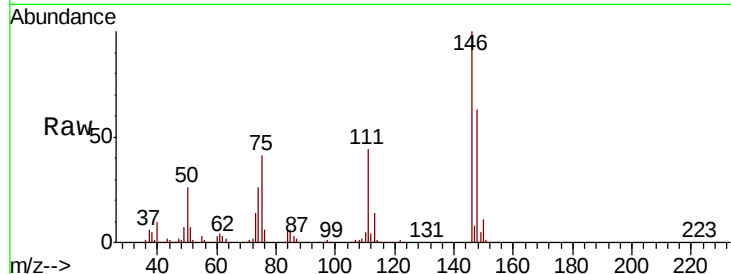




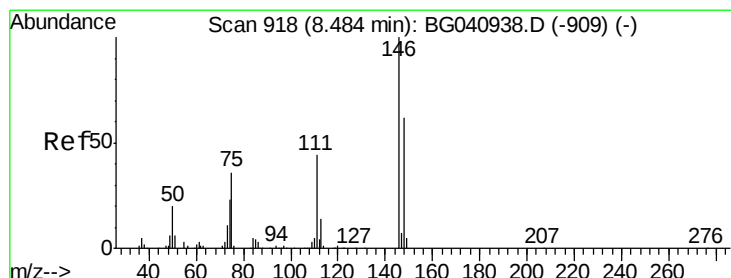
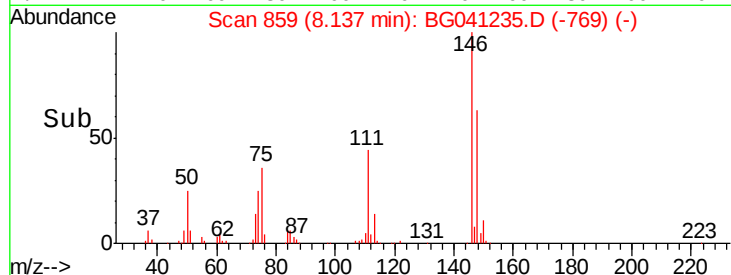
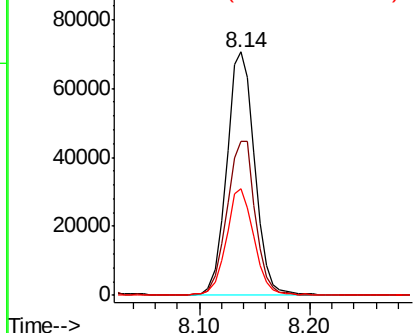
#13
 1,4-Dichlorobenzene
 Concen: 41.747 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion:146 Resp: 124698
 Ion Ratio Lower Upper
 146 100
 148 63.1 54.2 81.4
 111 43.6 32.9 49.3

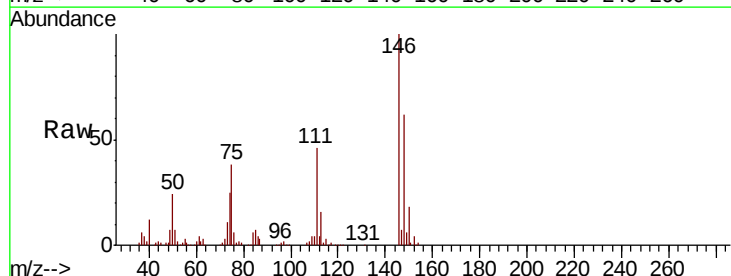


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

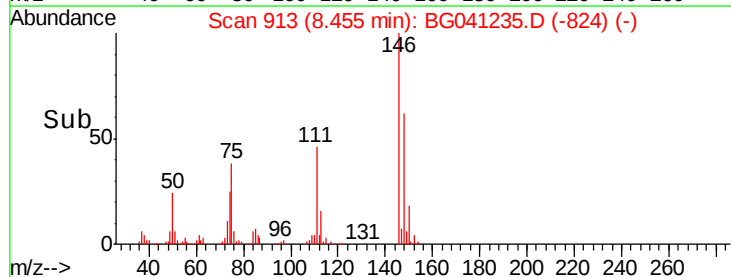
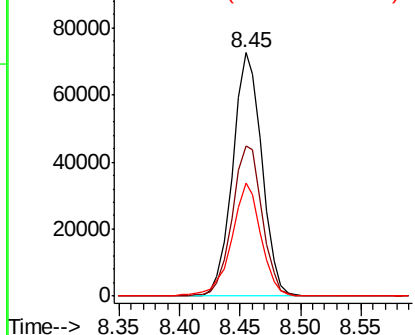


#14
 1,2-Dichlorobenzene
 Concen: 41.968 ng
 RT: 8.45 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion:146 Resp: 121716
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.8 74.6
 111 46.2 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: 41.751 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

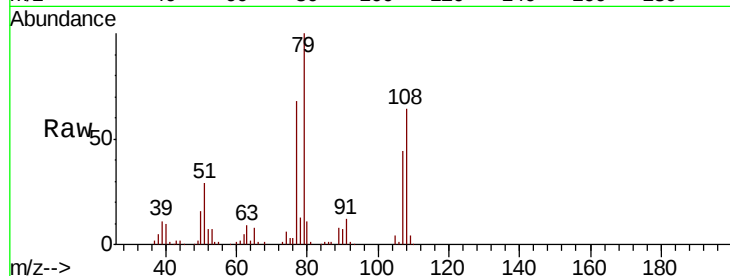
Tgt Ion: 79 Resp: 123613

Ion Ratio Lower Upper

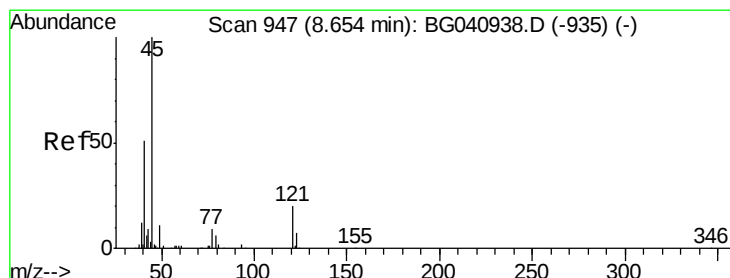
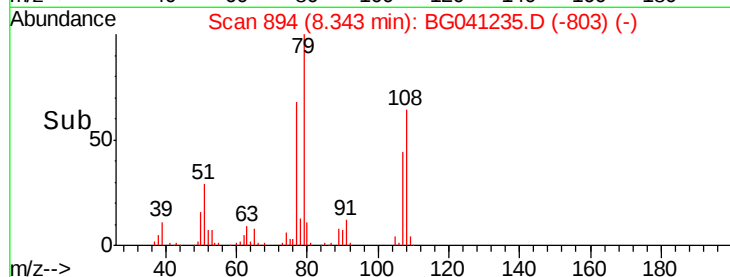
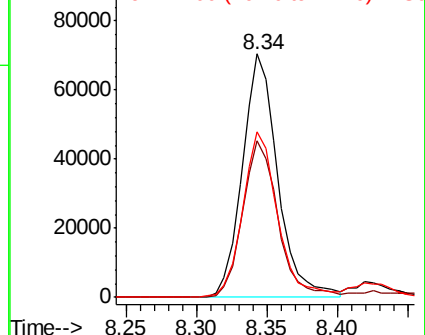
79 100

108 64.2 48.3 72.5

77 68.0 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: 40.706 ng

RT: 8.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

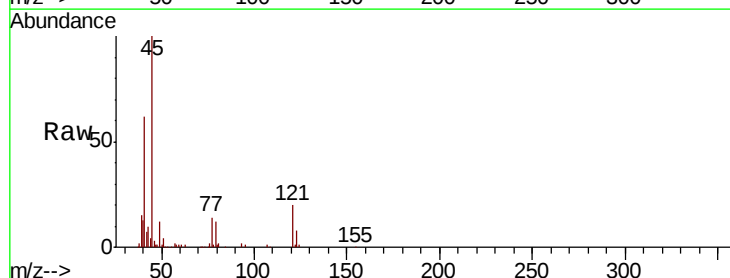
Tgt Ion: 45 Resp: 165596

Ion Ratio Lower Upper

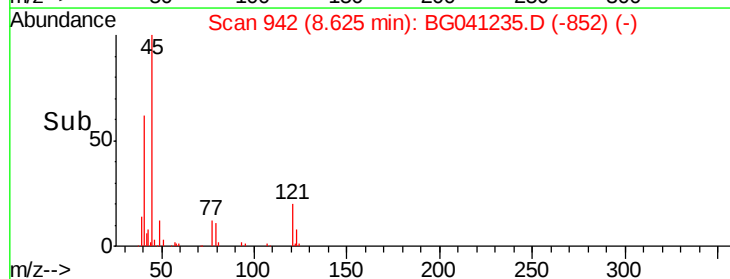
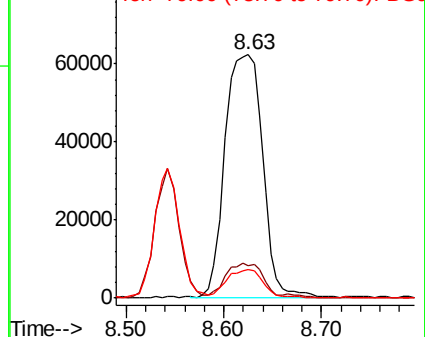
45 100

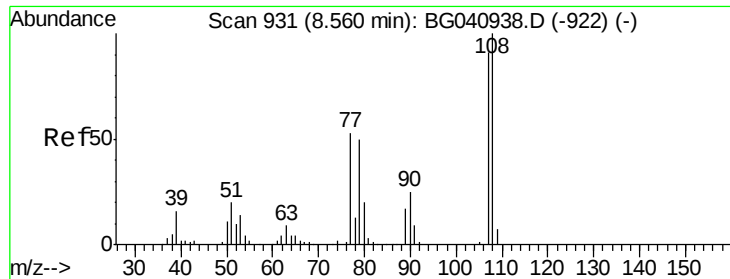
77 13.5 0.0 33.7

79 11.7 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

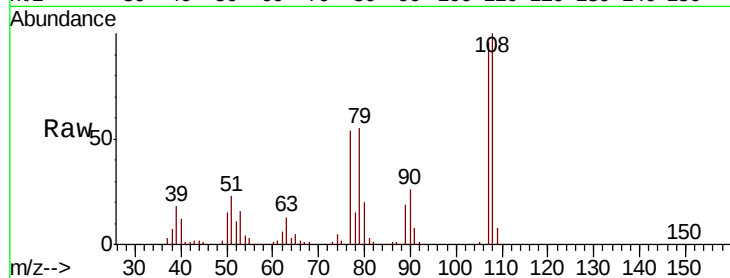




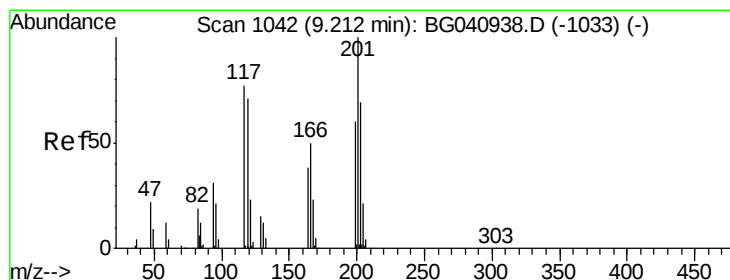
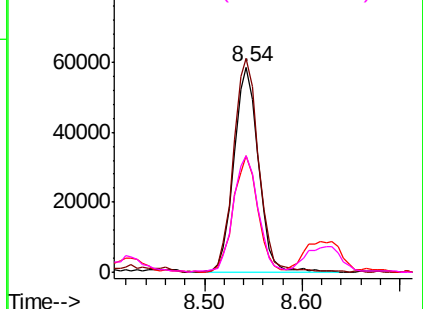
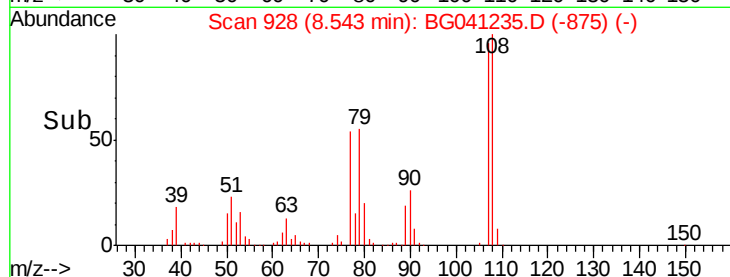
#17
 2-Methylphenol
 Concen: 41.333 ng
 RT: 8.54 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion:	107	Resp:	102700
Ion	Ratio	Lower	Upper
107	100		
108	104.3	87.7	131.5
77	56.7	46.6	70.0
79	57.0	44.6	66.8

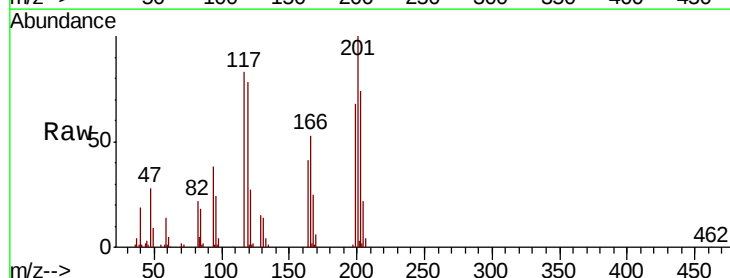


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

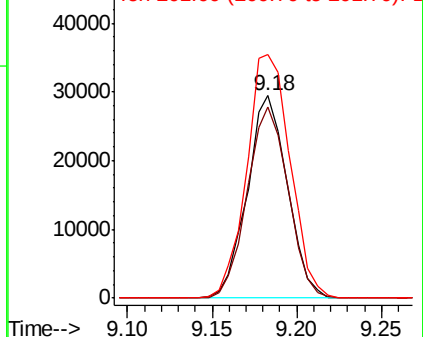
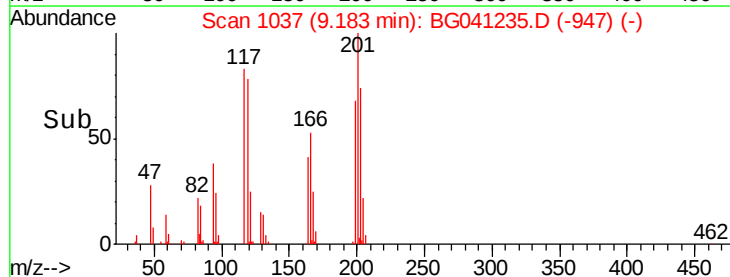


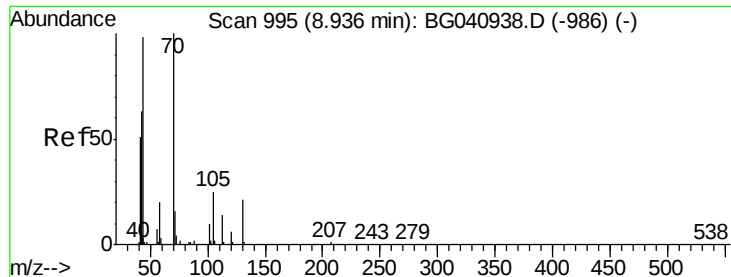
#18
 Hexachloroethane
 Concen: 42.373 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion:	117	Resp:	48781
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.6
201	120.5	103.5	155.3



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

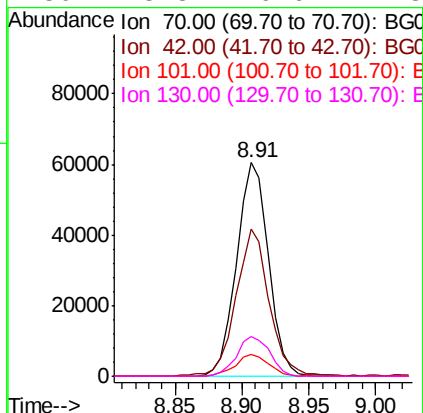
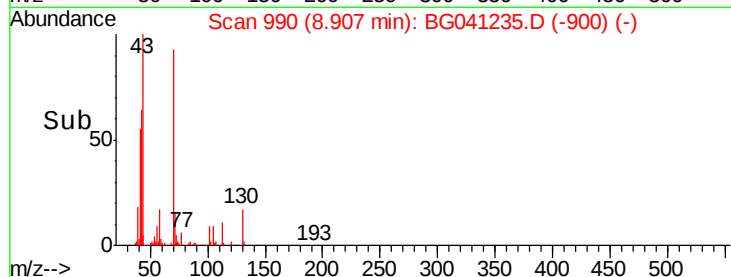
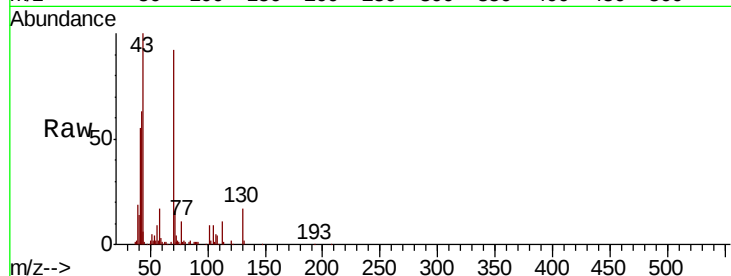




#19
n-Nitroso-di-n-propylamine
Concen: 40.574 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

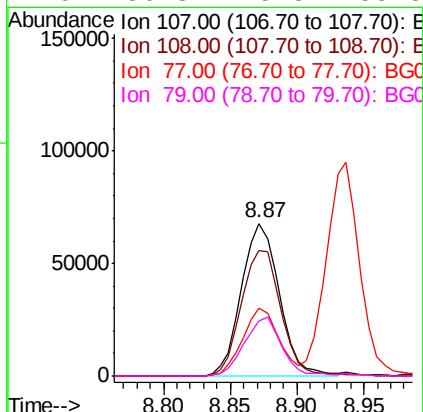
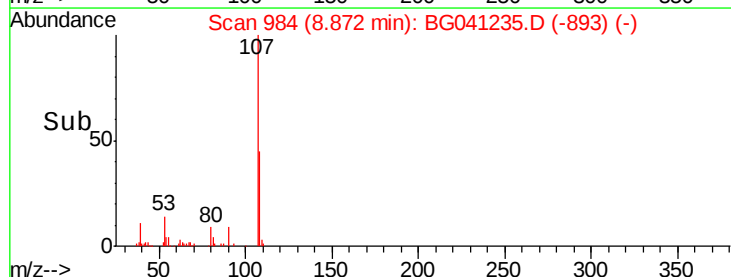
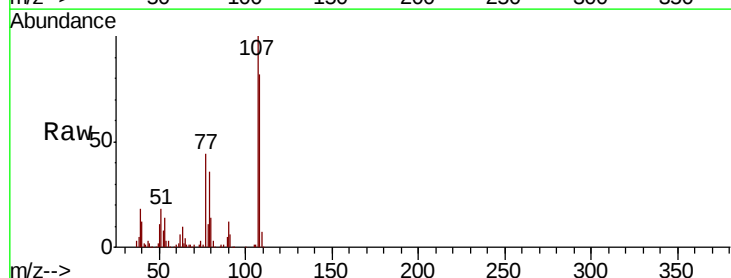
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:	70	Resp:	99937
Ion	Ratio	Lower	Upper
70	100		
42	69.1	51.5	77.3
101	10.1	8.1	12.1
130	18.8	16.6	24.8



#20
3+4-Methylphenols
Concen: 38.724 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:	107	Resp:	133280
Ion	Ratio	Lower	Upper
107	100		
108	82.0	66.8	106.8
77	44.1	20.5	60.5
79	36.3	15.8	55.8

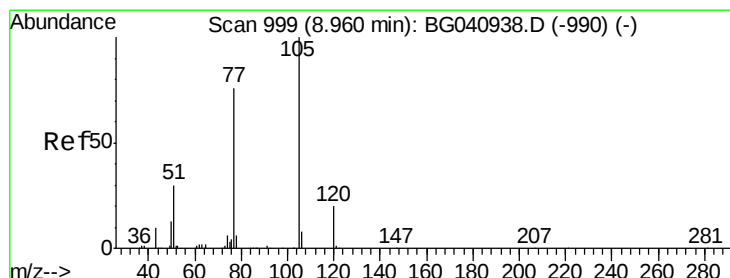
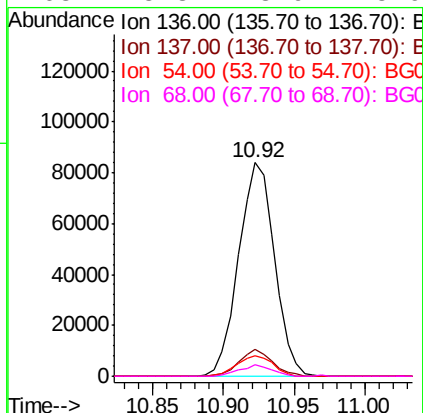
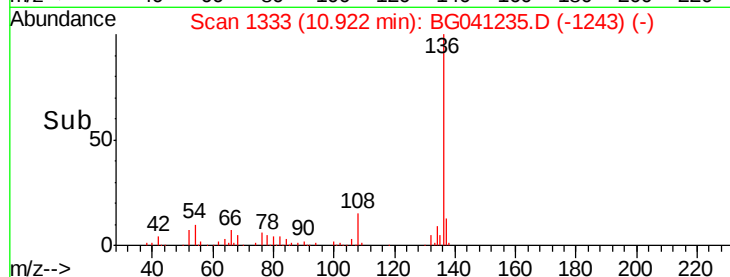
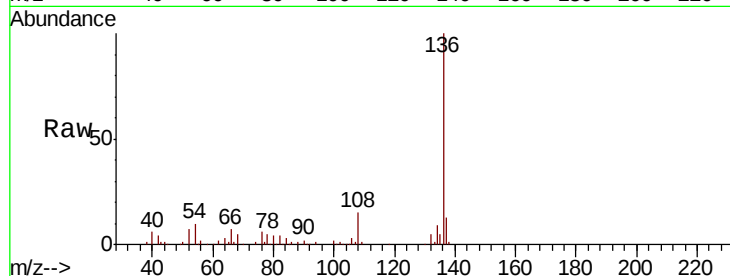




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

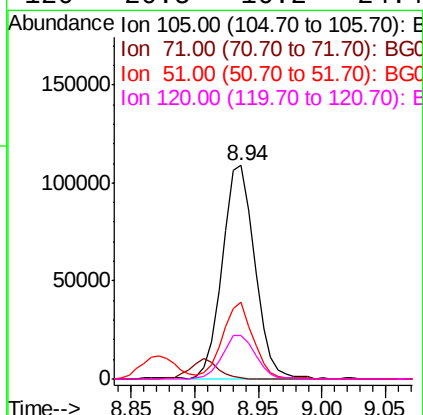
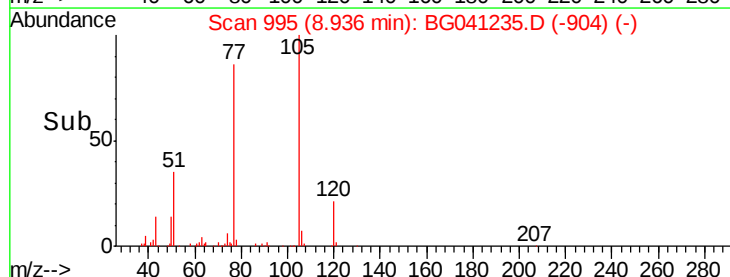
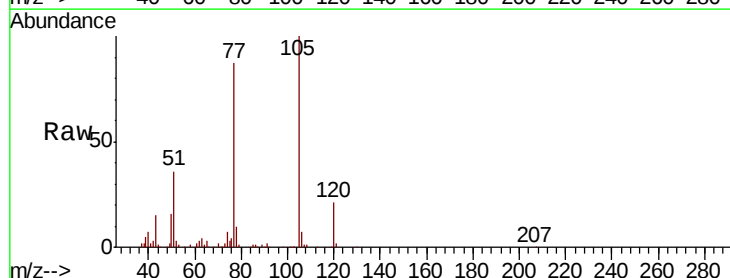
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:	136	Resp:	149804
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	9.7	7.6	11.4
68	5.3	3.9	5.9



#22
Acetophenone
Concen: 45.940 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:	105	Resp:	193050
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	35.7	27.0	40.6
120	20.5	16.2	24.4

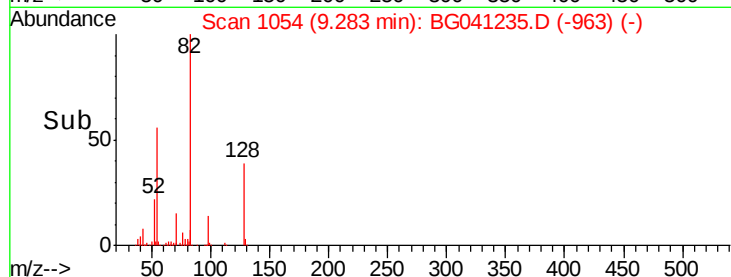
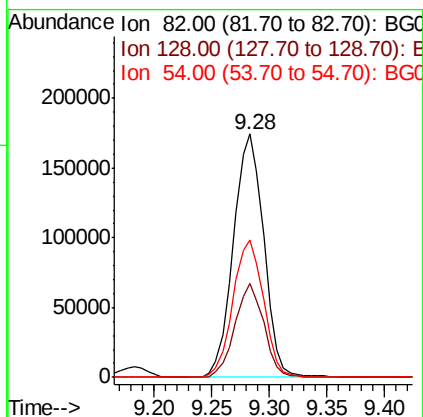
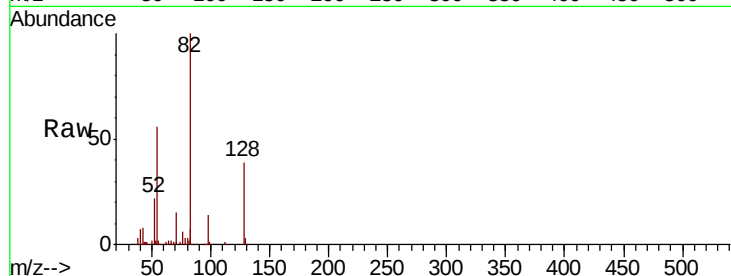




#23
Nitrobenzene-d5
Concen: 94.142 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

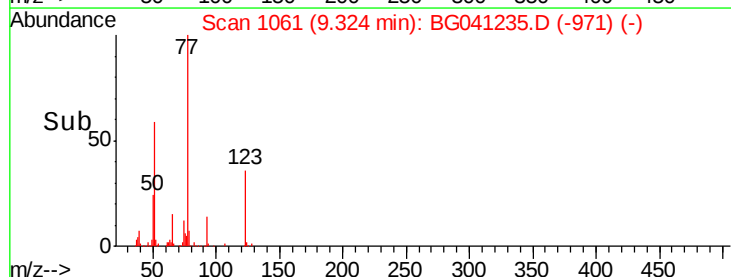
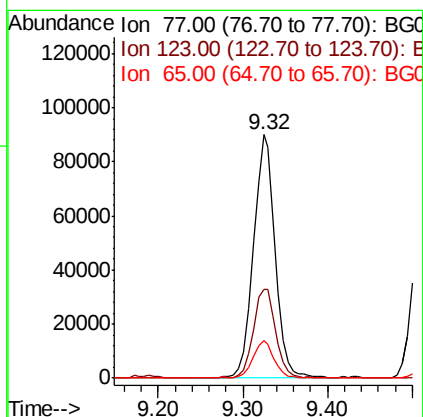
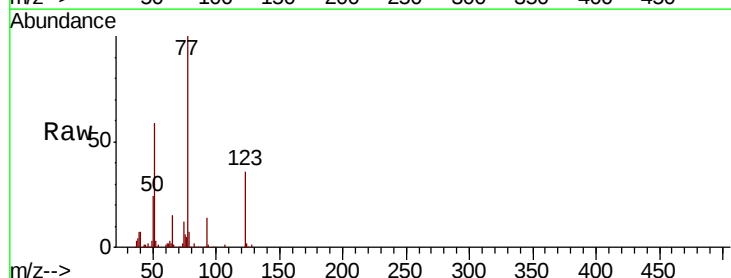
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.5	45.7
54	56.3	44.6	66.8



#24
Nitrobenzene
Concen: 47.196 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	30.6	46.0
65	15.4	12.3	18.5





#25

Isophorone

Concen: 44.739 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

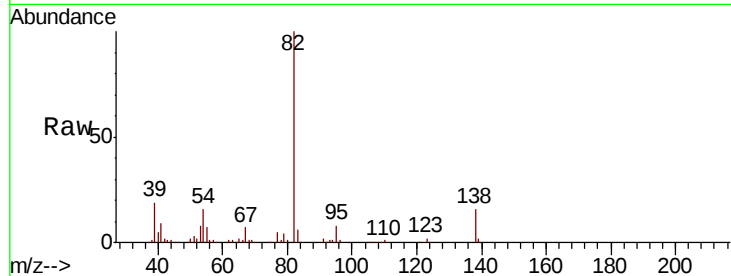
Tgt Ion: 82 Resp: 287306

Ion Ratio Lower Upper

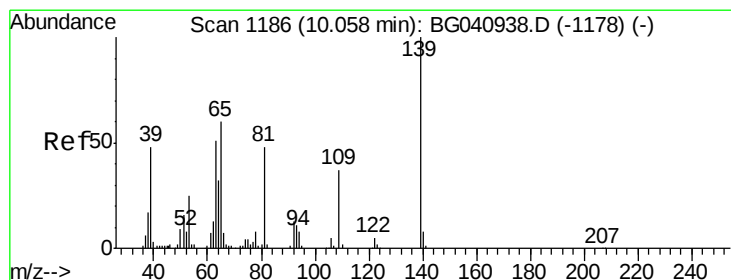
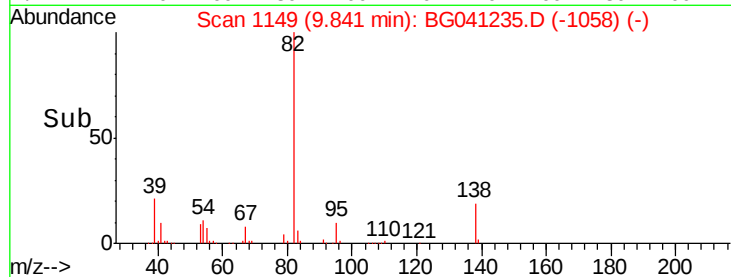
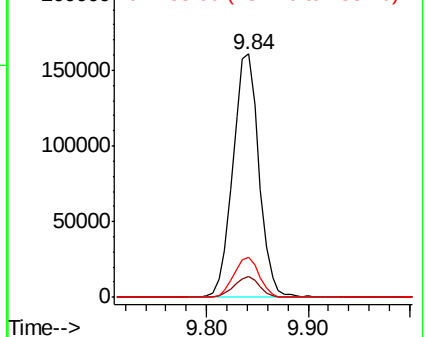
82 100

95 8.4 7.0 10.4

138 16.4 12.6 19.0



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



#26

2-Nitrophenol

Concen: 48.616 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

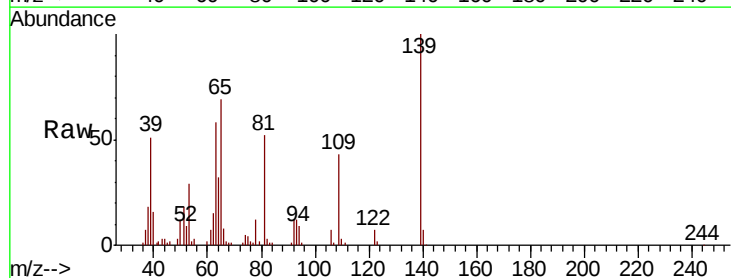
Tgt Ion: 139 Resp: 68922

Ion Ratio Lower Upper

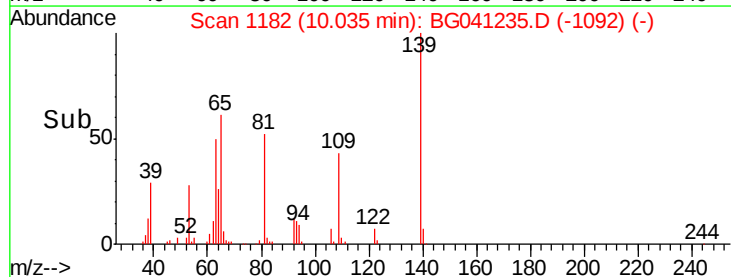
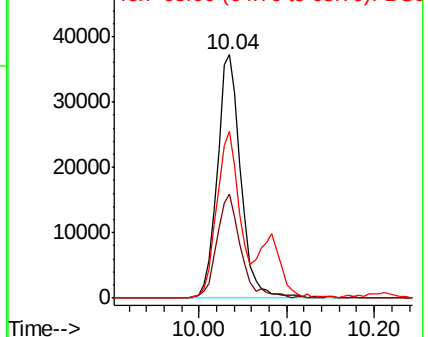
139 100

109 42.9 29.8 44.6

65 68.8 47.8 71.6



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

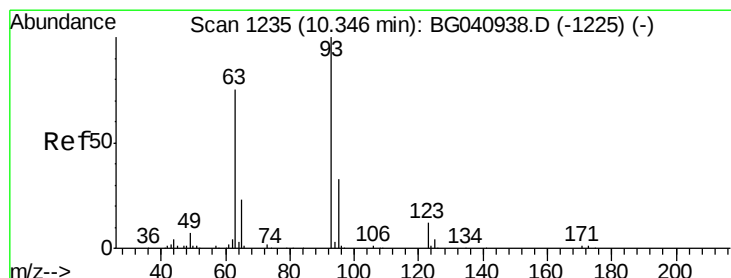
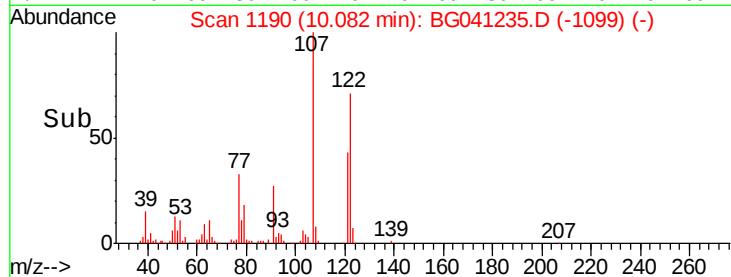
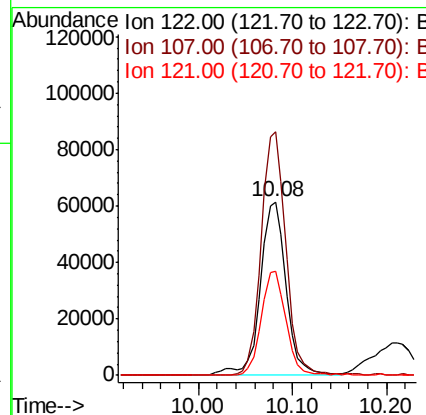
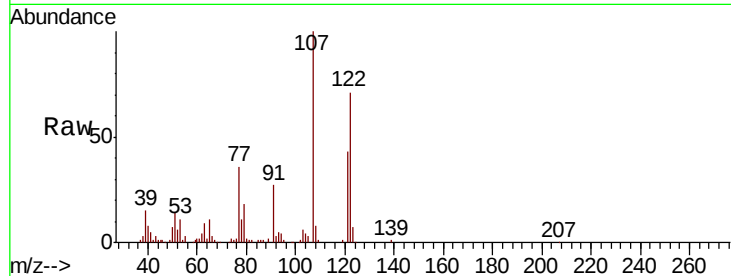




#27
 2,4-Dimethylphenol
 Concen: 49.927 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

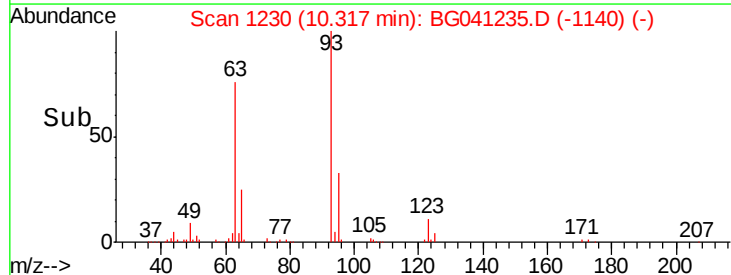
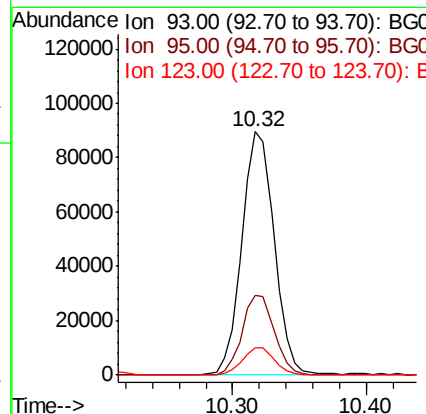
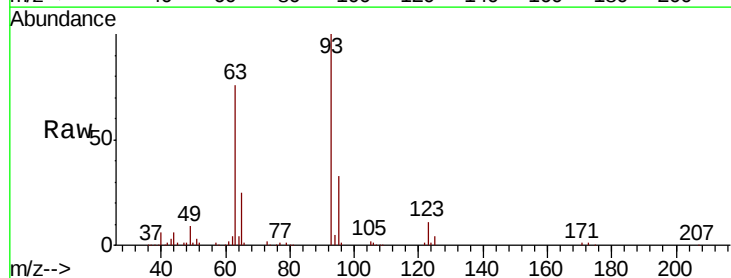
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.1	105.9	158.9
121	60.3	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.395 ng
 RT: 10.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.5	9.5	14.3

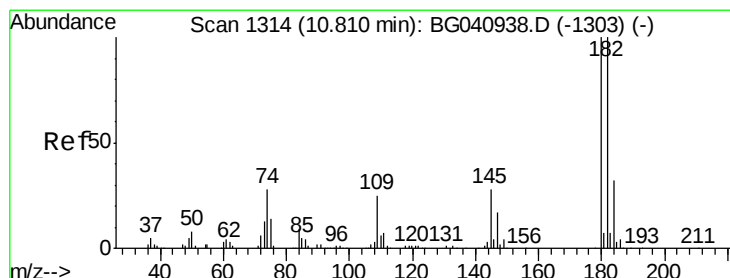
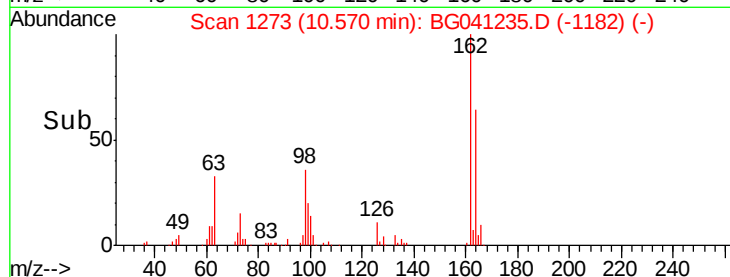
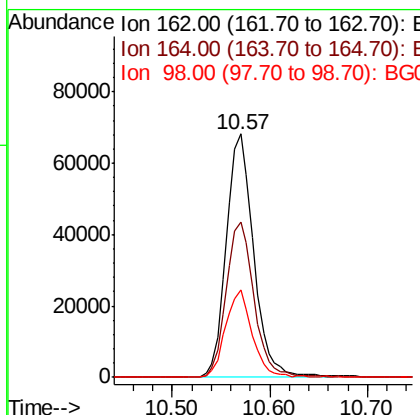
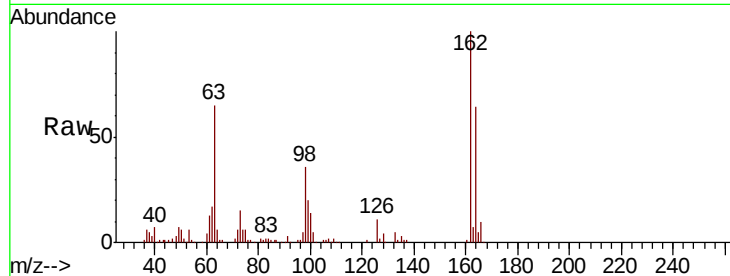




#29
 2,4-Dichlorophenol
 Concen: 44.698 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

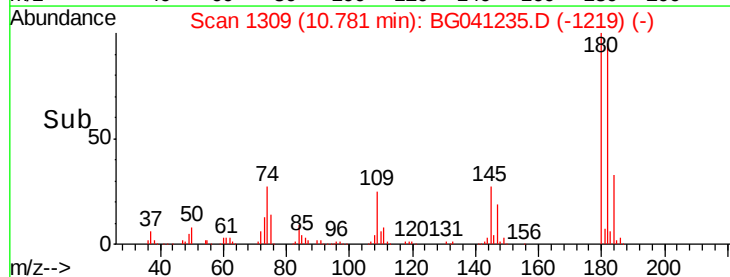
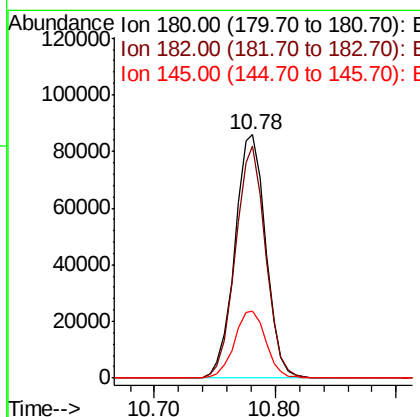
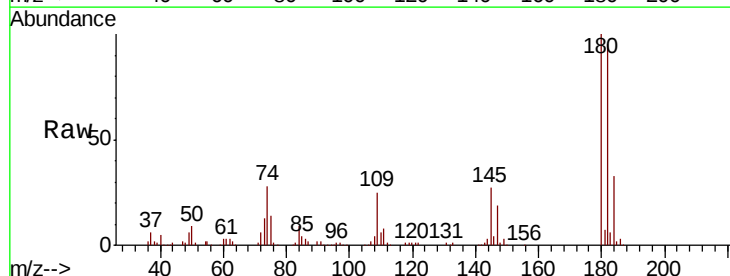
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	39.4	79.4
98	36.0	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.331 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.7	119.5
145	27.3	22.6	34.0

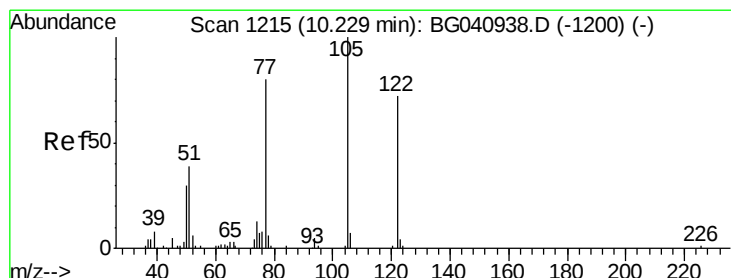
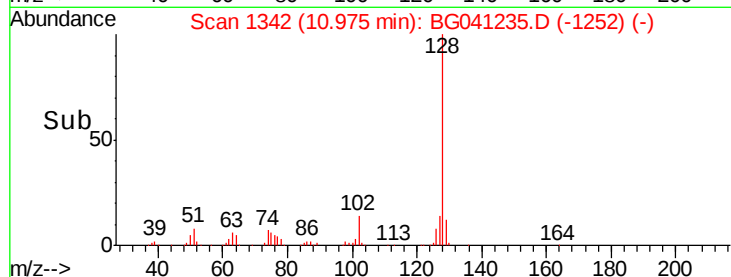
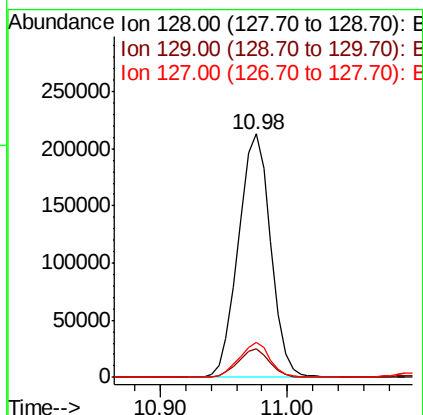
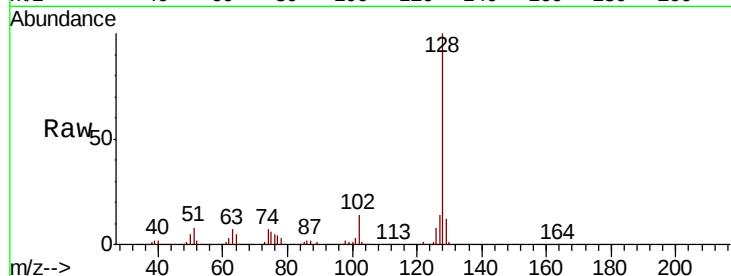




#31
Naphthalene
Concen: 46.679 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

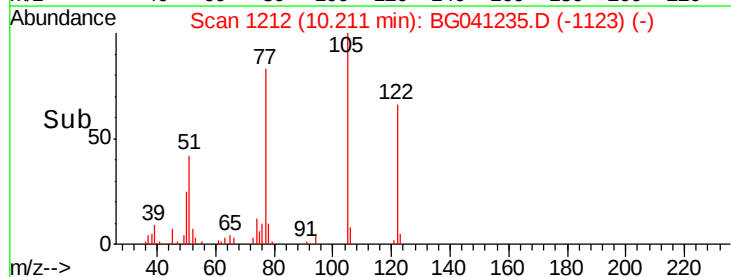
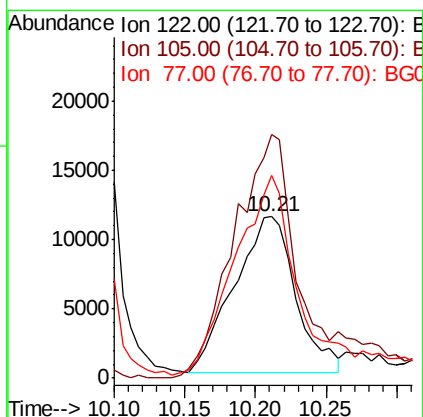
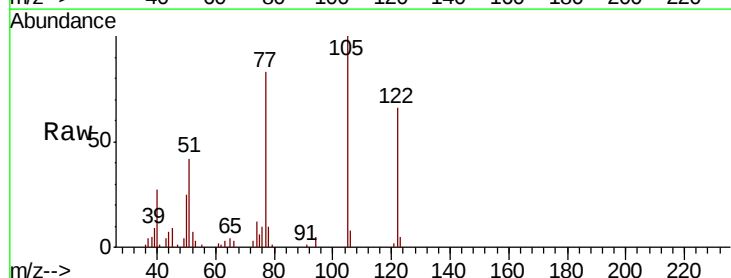
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:128 Resp: 375441
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 23.649 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:122 Resp: 34015
Ion Ratio Lower Upper
122 100
105 151.1 114.8 154.8
77 125.6 89.9 129.9

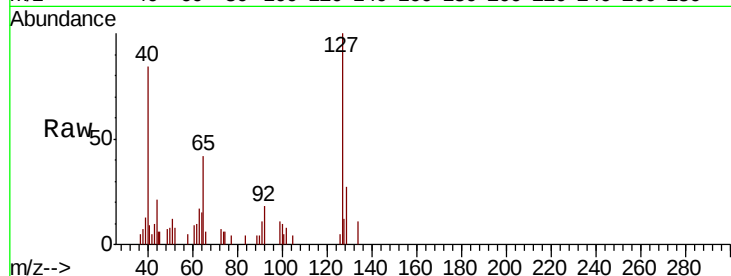




#33
4-Chloroaniline
Concen: 2.698 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:	127	Resp:	10070
Ion	Ratio	Lower	Upper
127	100		
129	27.3	27.7	41.5#
65	41.6	33.2	49.8
92	18.4	17.2	25.8



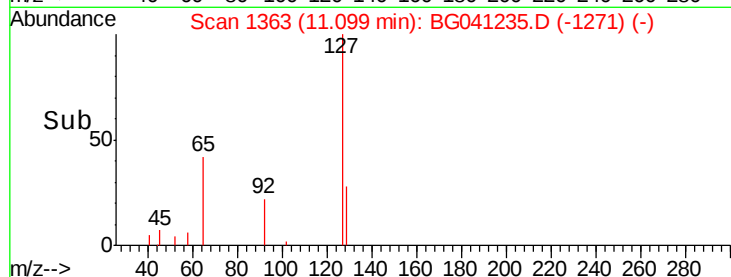
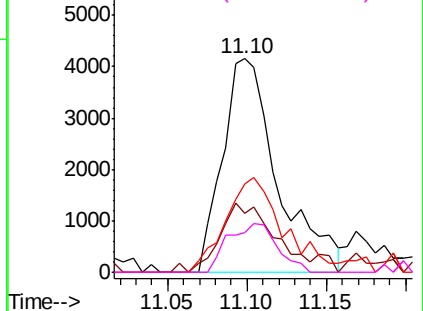
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

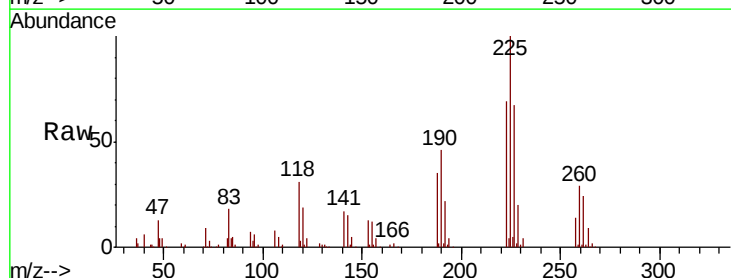
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.714 ng
RT: 11.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:	225	Resp:	113131
Ion	Ratio	Lower	Upper
225	100		
223	69.0	48.8	73.2
227	67.0	51.4	77.0

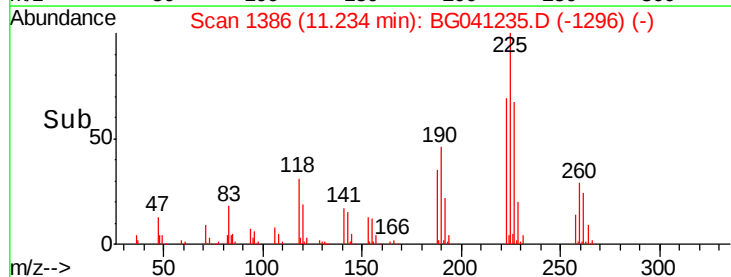
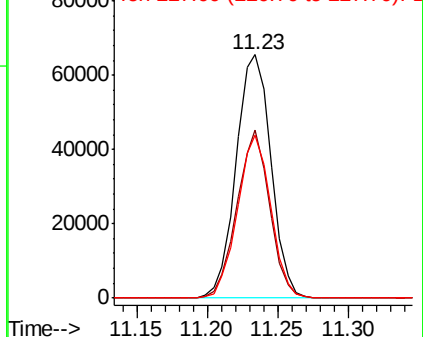


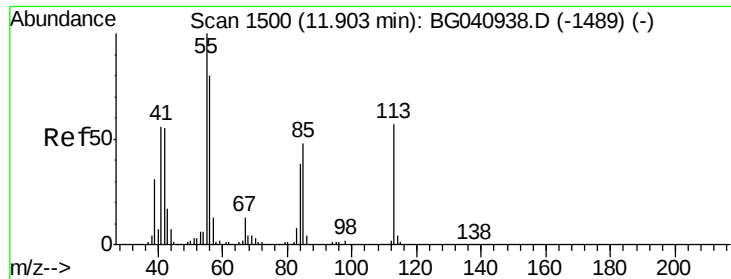
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.340 ng

RT: 11.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

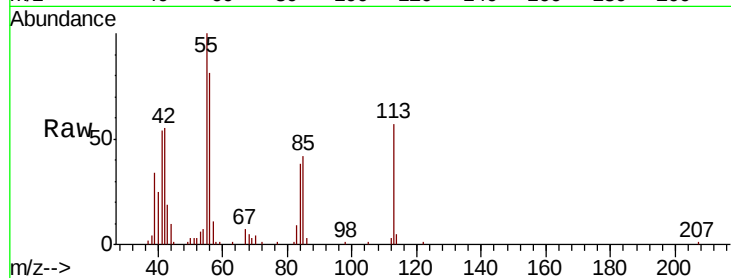
Tgt Ion:113 Resp: 22916

Ion Ratio Lower Upper

113 100

55 174.9 155.9 195.9

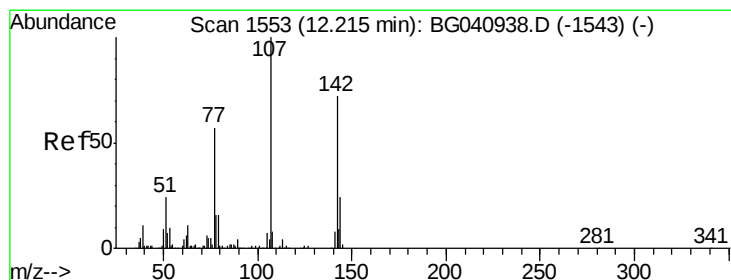
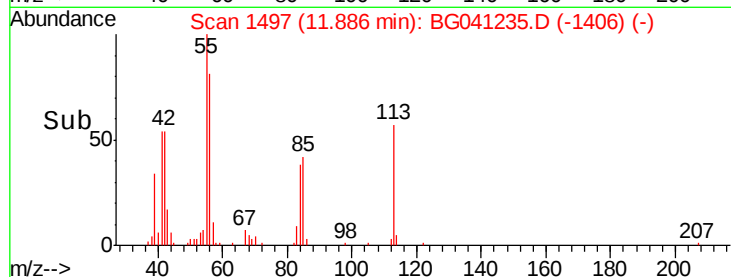
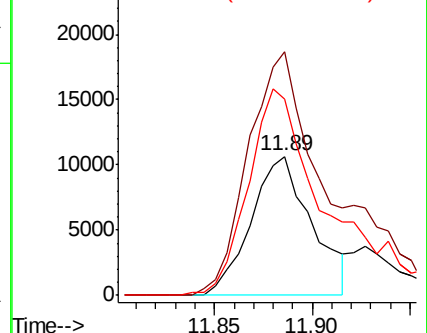
56 141.1 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.384 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

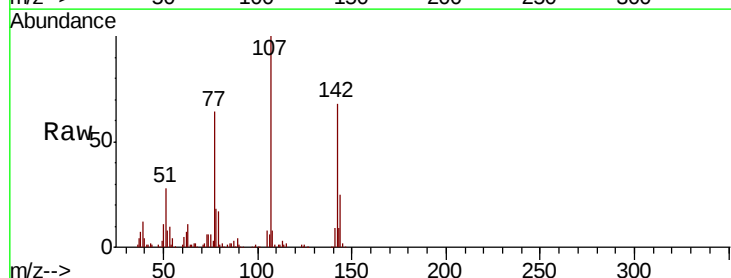
Tgt Ion:107 Resp: 147315

Ion Ratio Lower Upper

107 100

144 25.4 19.4 29.0

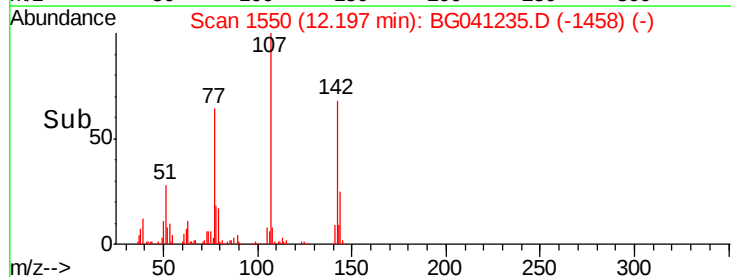
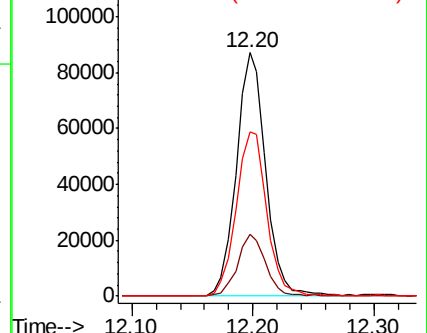
142 67.7 57.3 85.9

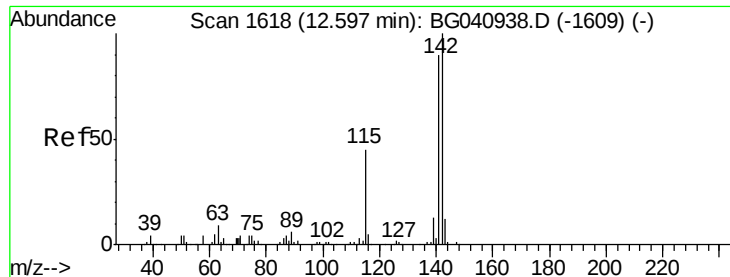


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

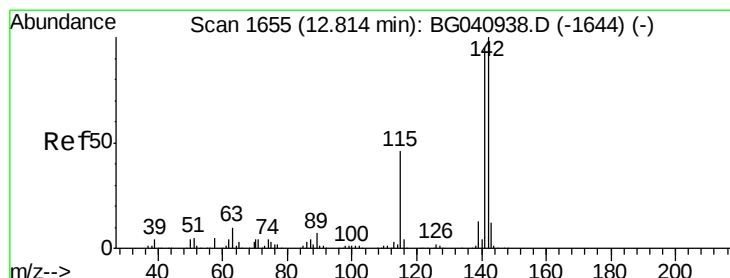
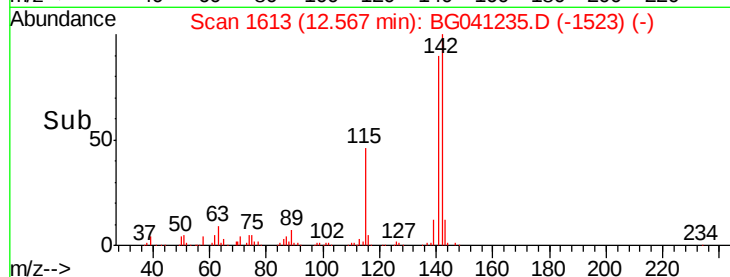
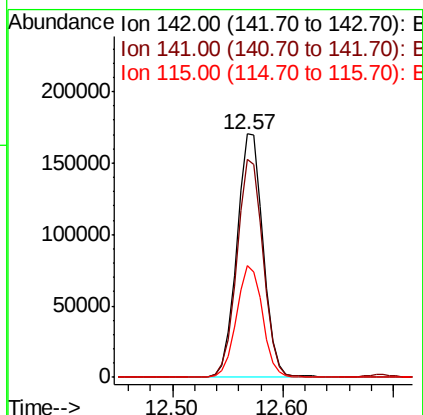
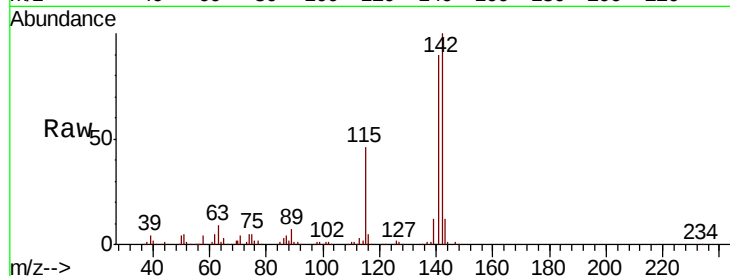




#37
2-Methylnaphthalene
Concen: 45.953 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

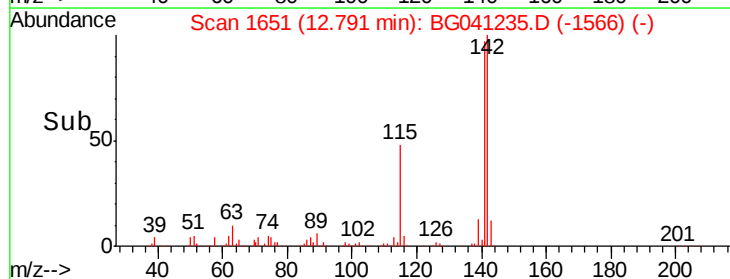
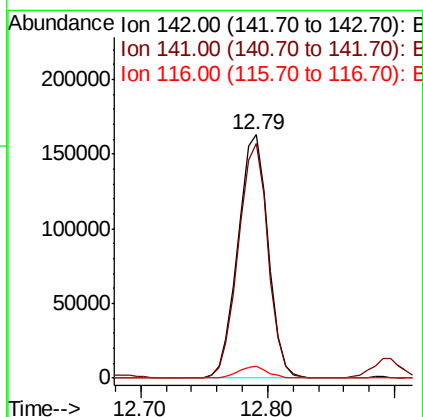
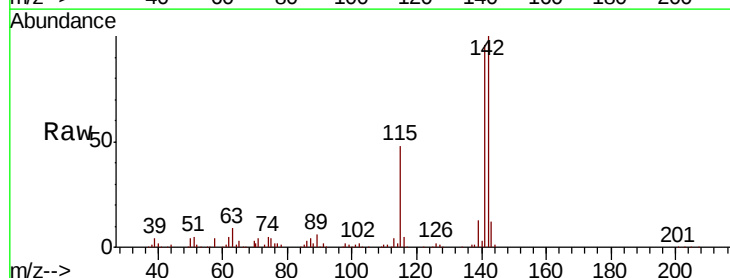
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

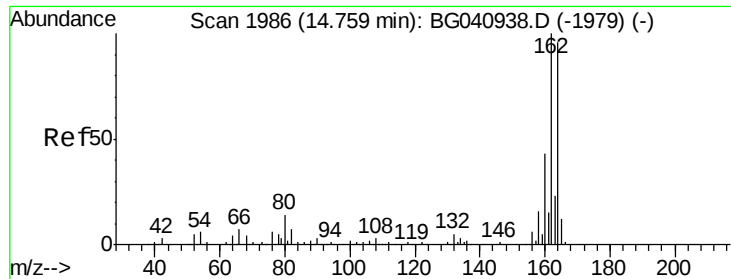
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.4
115	46.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 46.166 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

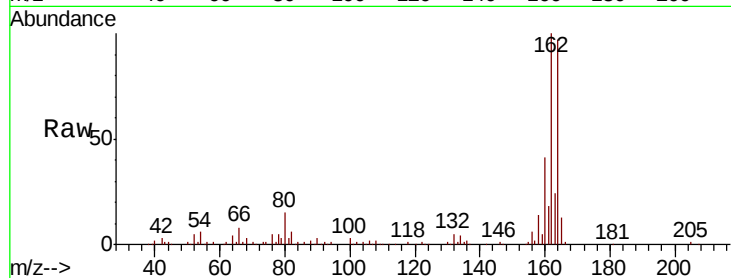
Tgt Ion:164 Resp: 108815

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

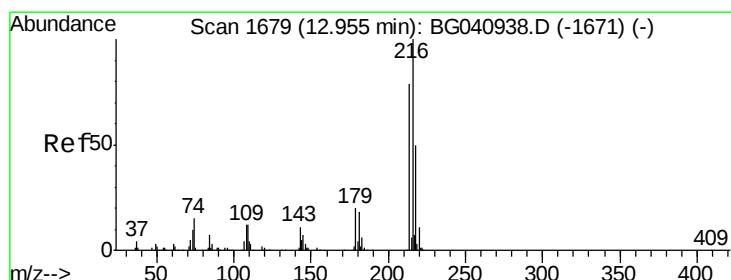
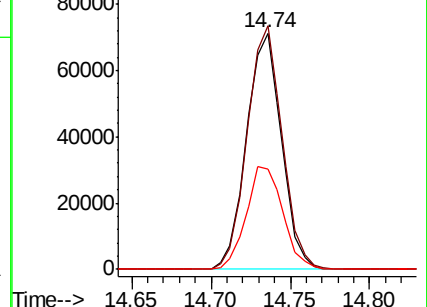
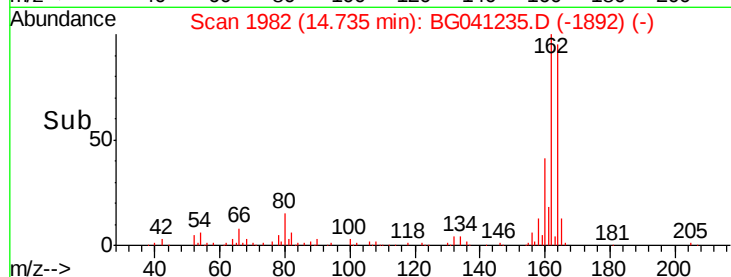
160 42.2 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.086 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Tgt Ion:216 Resp: 210898

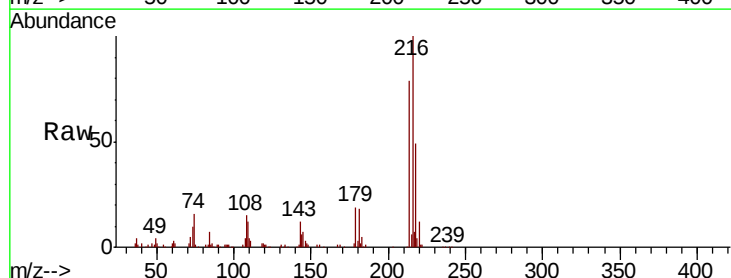
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 19.0 15.2 22.8

108 16.8 11.4 17.2

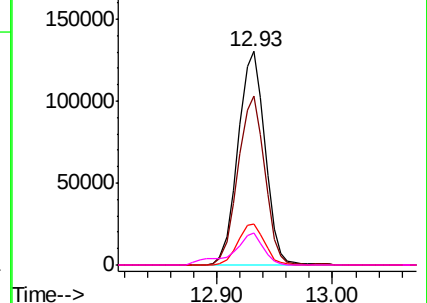
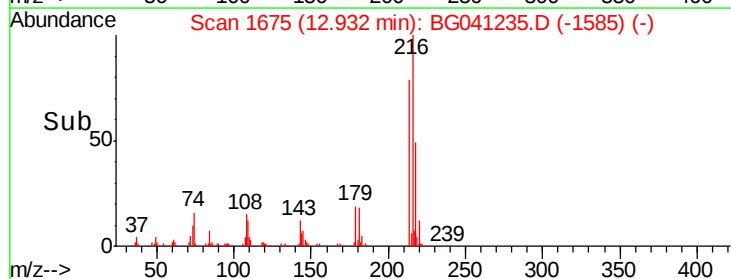


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.058 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

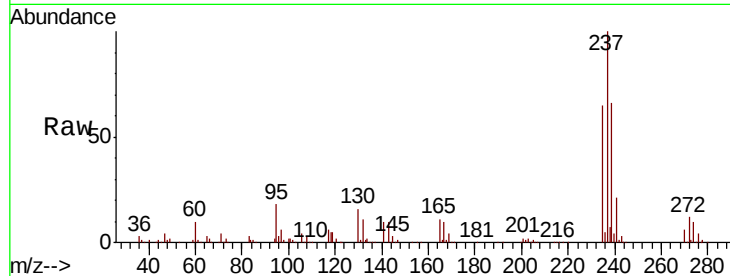
Tgt Ion: 237 Resp: 217669

Ion Ratio Lower Upper

237 100

235 65.0 45.5 85.5

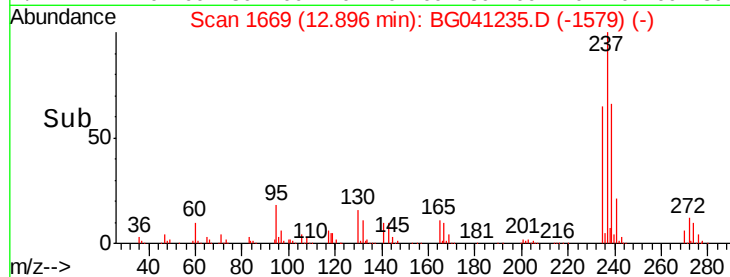
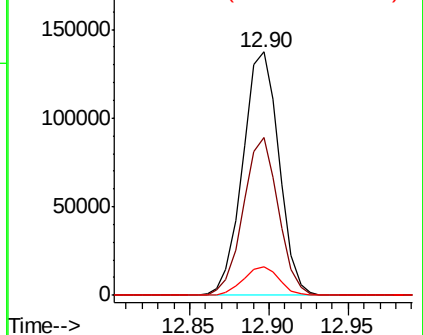
272 11.6 0.0 32.9



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: 147.766 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

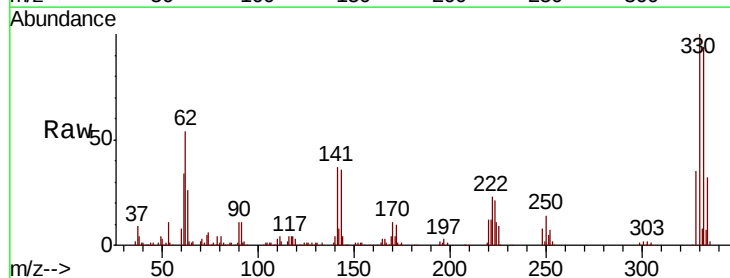
Tgt Ion: 330 Resp: 238706

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

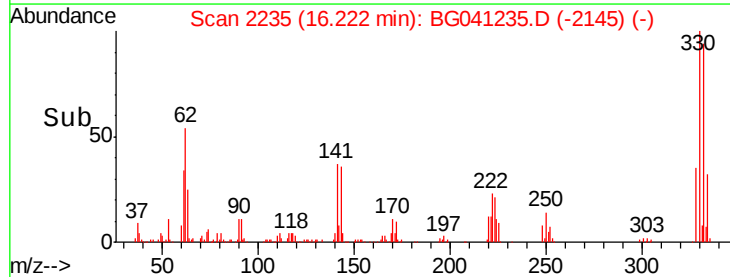
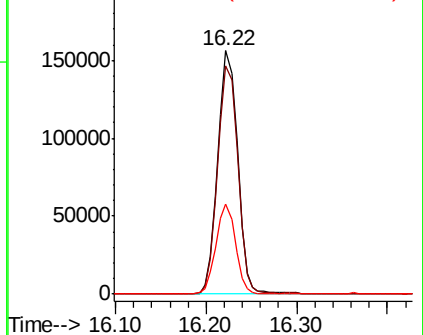
141 36.3 28.7 43.1

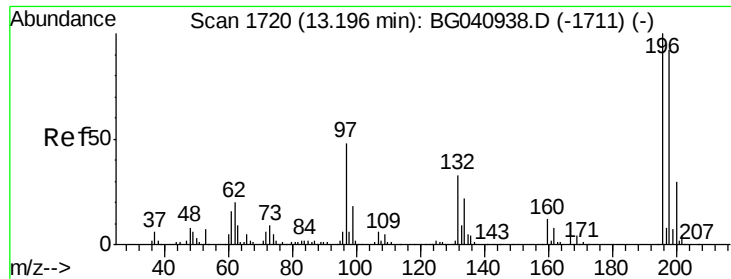


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

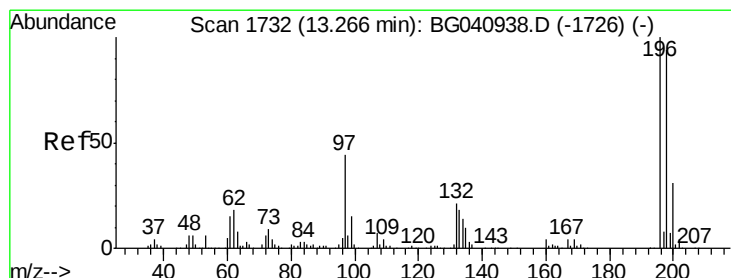
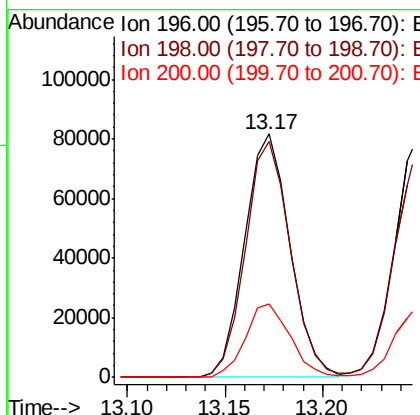
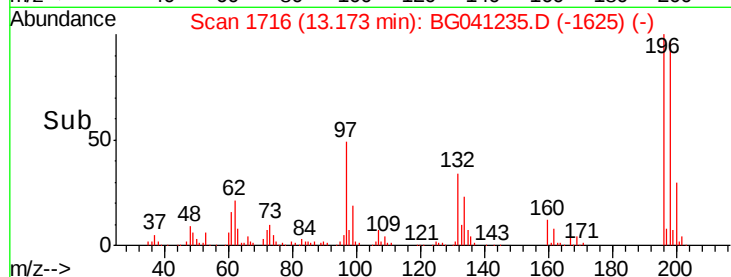
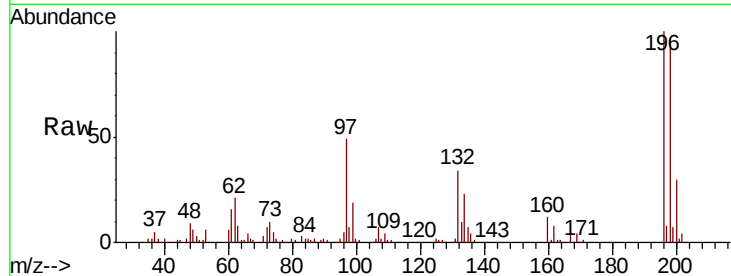




#43
 2,4,6-Trichlorophenol
 Concen: 46.300 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

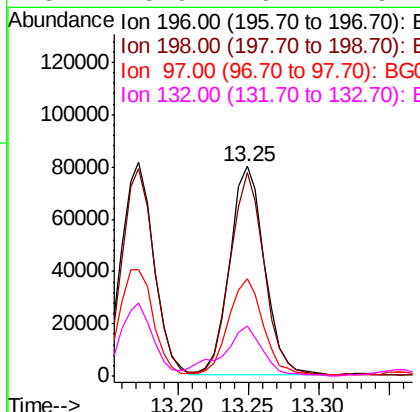
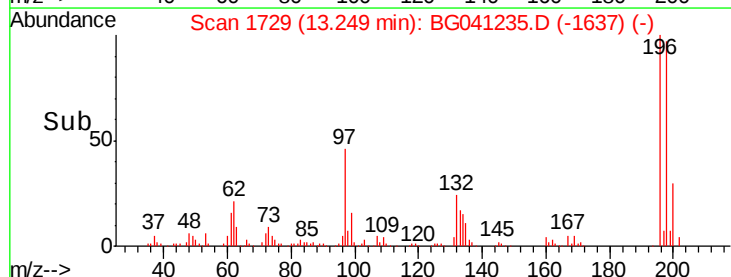
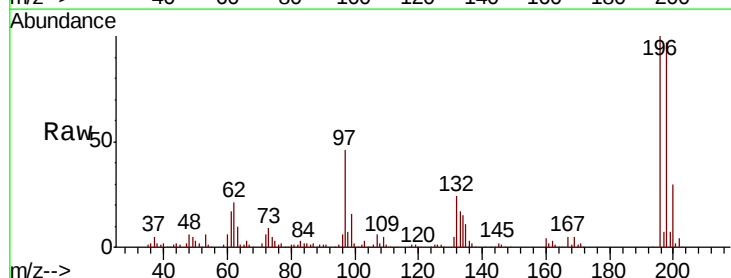
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion:196 Resp: 131366
 Ion Ratio Lower Upper
 196 100
 198 97.0 73.8 110.6
 200 30.0 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.900 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion:196 Resp: 137346
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.1 112.7
 97 46.2 35.6 53.4
 132 23.9 16.7 25.1

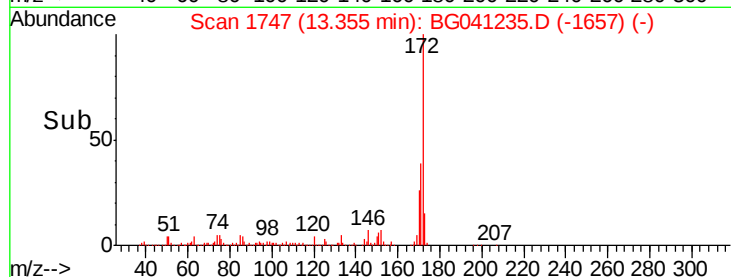
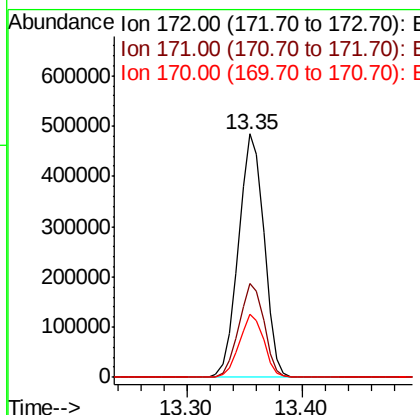
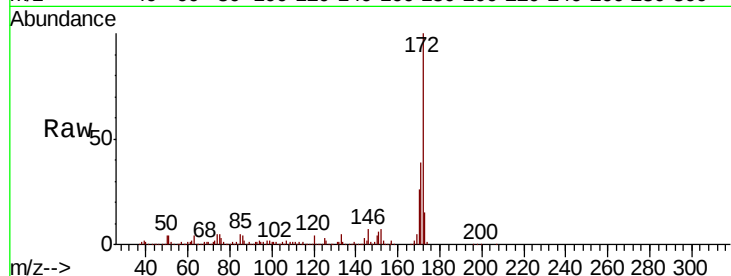




#45
2-Fluorobiphenyl
Concen: 98.176 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

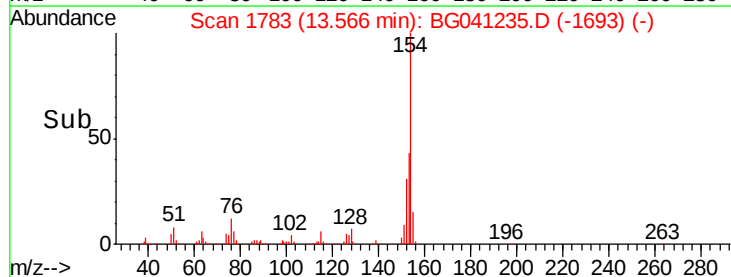
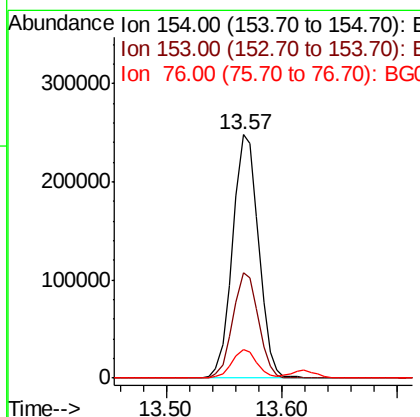
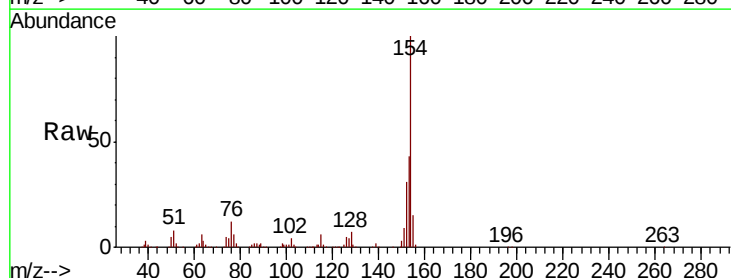
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

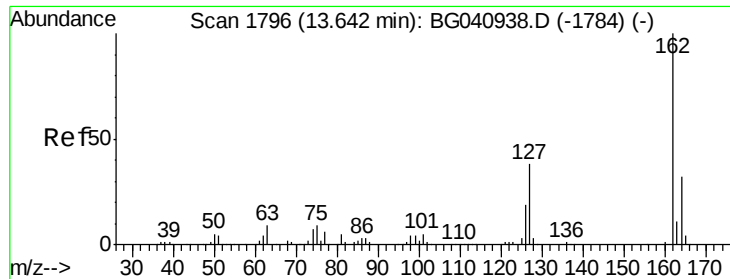
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 47.988 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.3	63.3
76	11.5	0.0	31.1

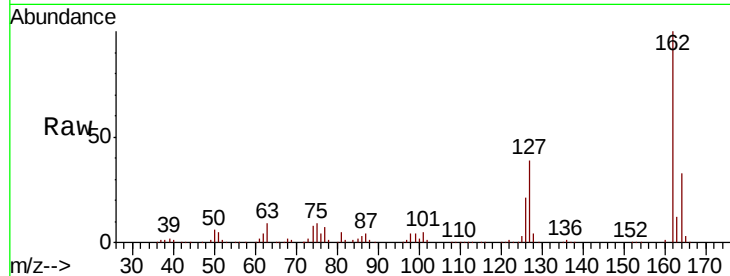




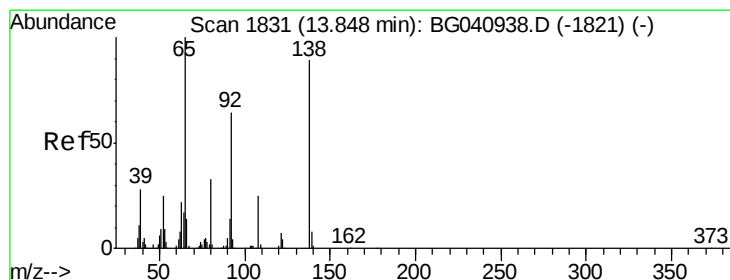
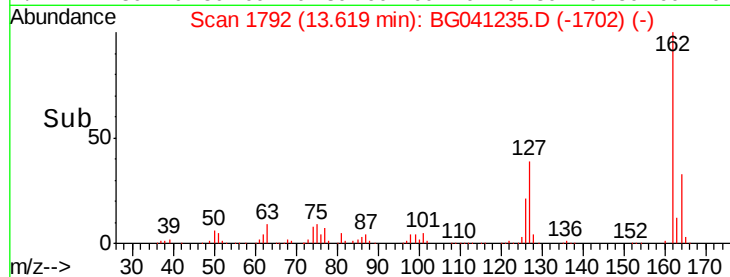
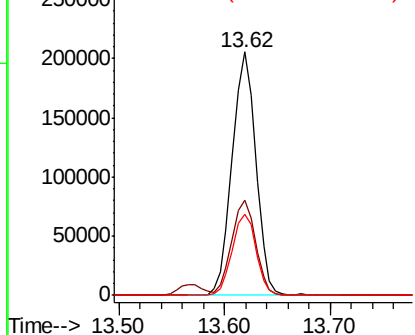
#47
 2-Chloronaphthalene
 Concen: 46.045 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	33.3	25.8	38.6

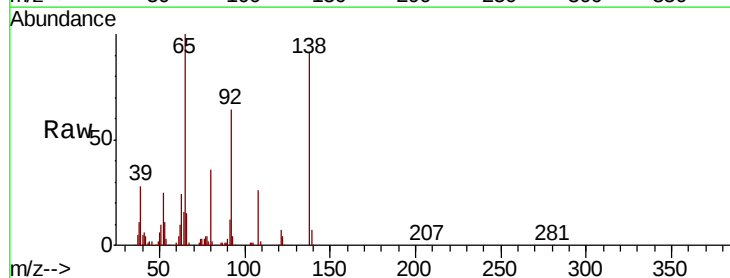


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

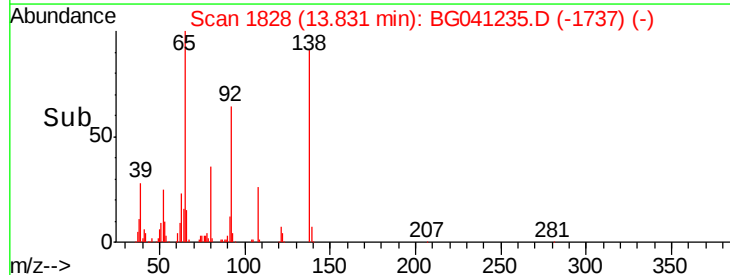
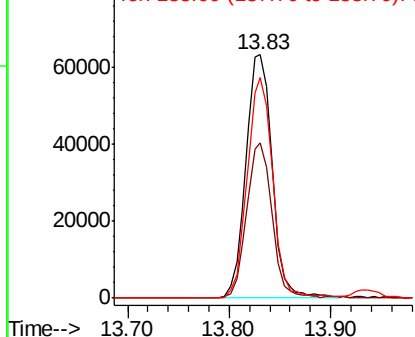


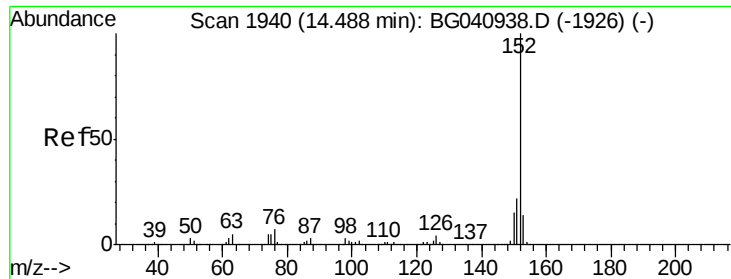
#48
 2-Nitroaniline
 Concen: 45.962 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.0	76.6
138	90.8	71.2	106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.444 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

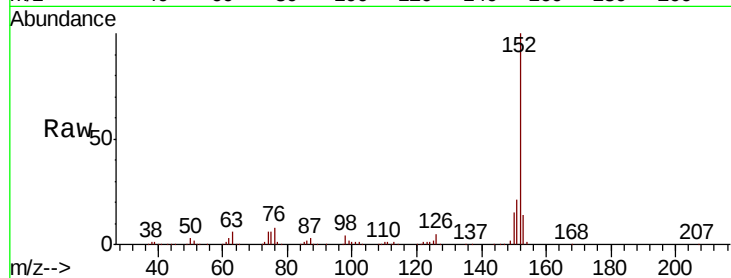
Tgt Ion:152 Resp: 493758

Ion Ratio Lower Upper

152 100

151 21.0 17.4 26.0

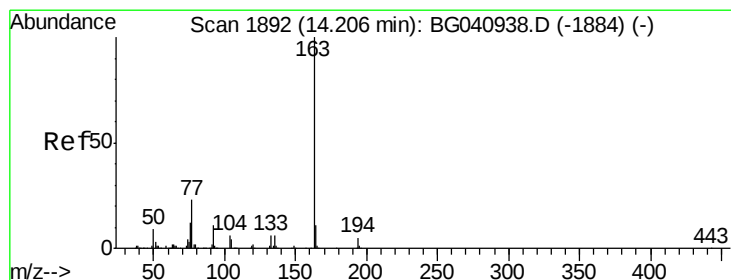
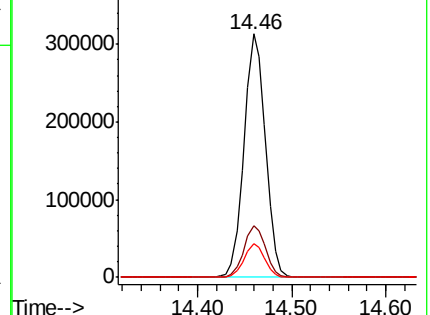
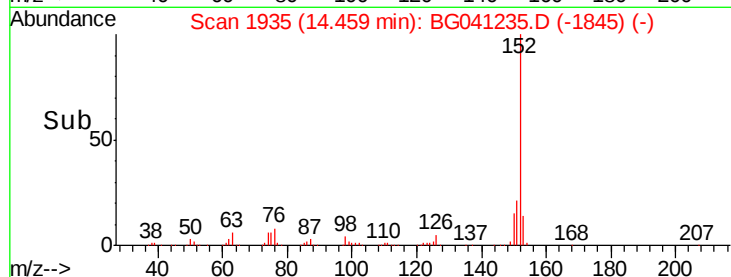
153 14.1 11.0 16.4



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: 46.116 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

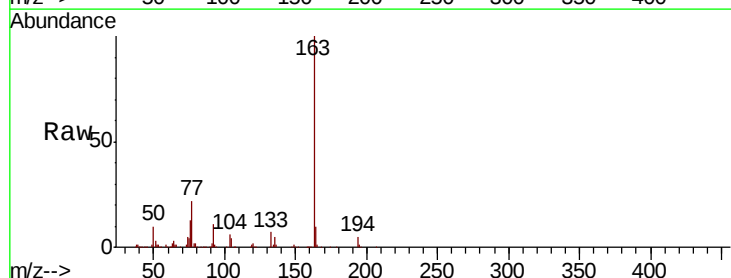
Tgt Ion:163 Resp: 424785

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

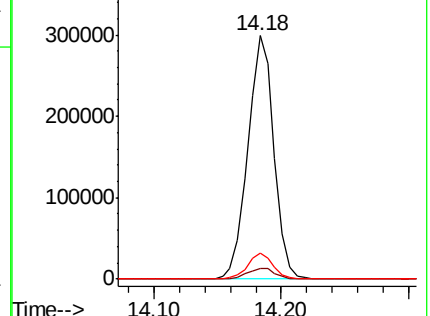
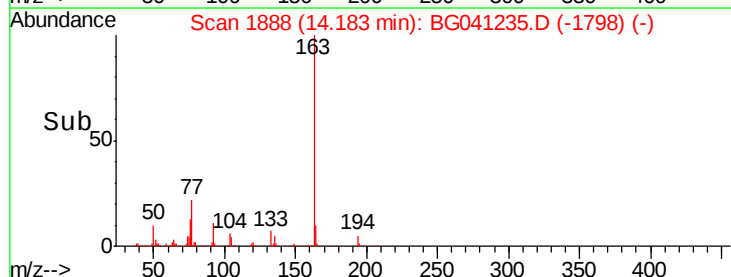
164 10.5 8.7 13.1



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: 47.259 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

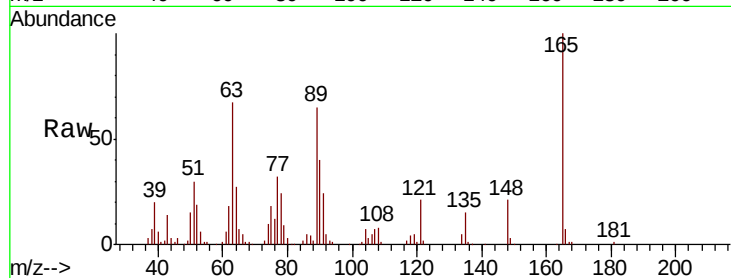
Tgt Ion:165 Resp: 93857

Ion Ratio Lower Upper

165 100

63 66.5 53.6 80.4

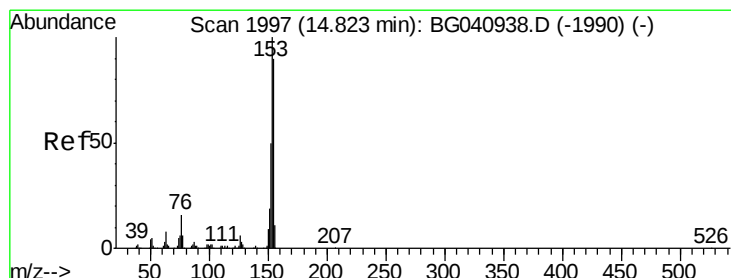
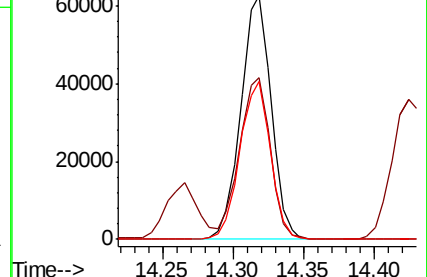
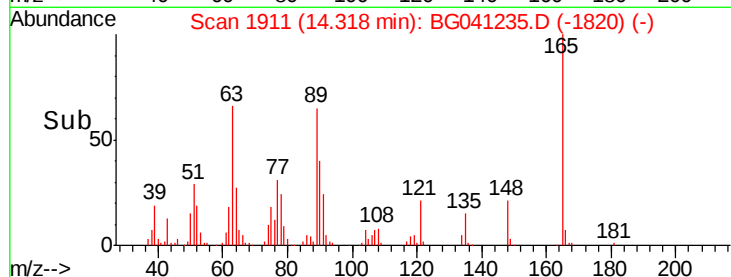
89 65.1 50.4 75.6



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: 46.561 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

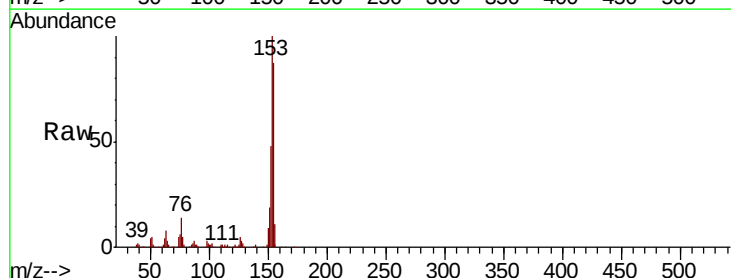
Tgt Ion:154 Resp: 293549

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

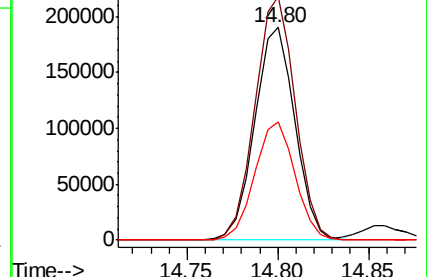
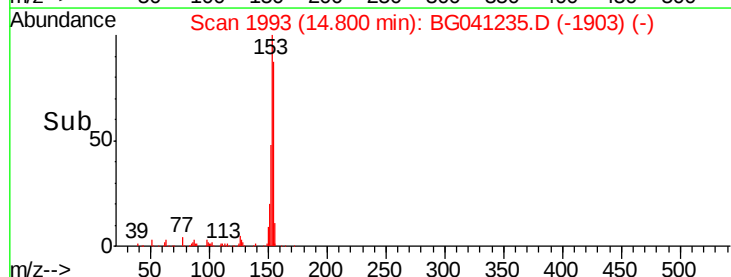
152 55.3 44.2 66.4



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: 13.601 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

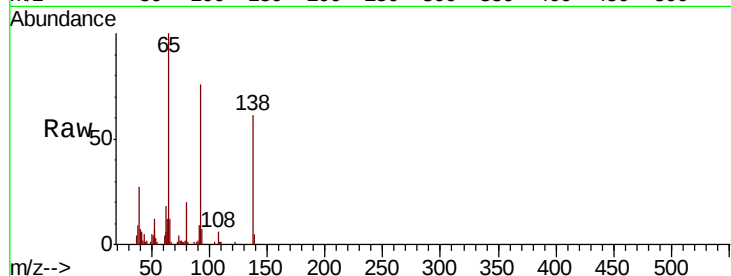
Tgt Ion:138 Resp: 27011

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

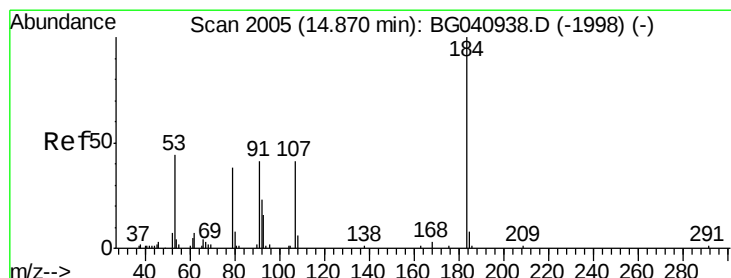
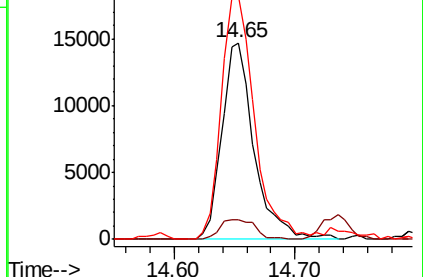
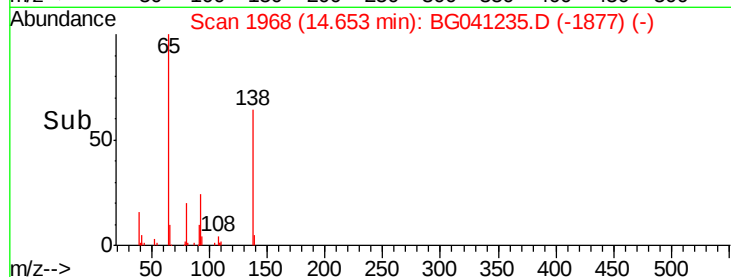
92 123.8 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.919 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

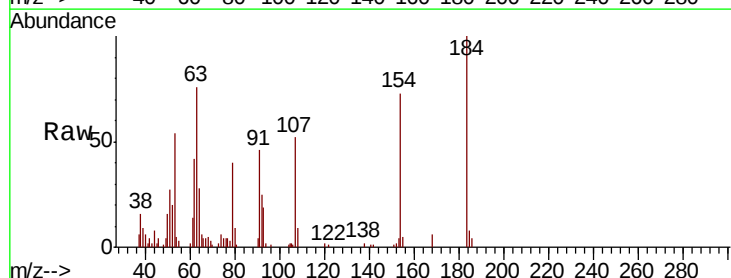
Tgt Ion:184 Resp: 37394

Ion Ratio Lower Upper

184 100

63 75.7 49.8 74.6#

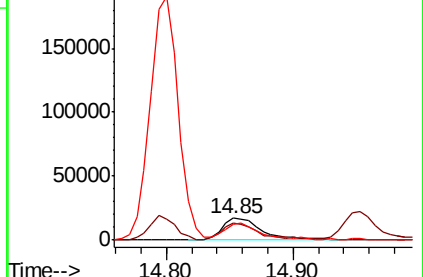
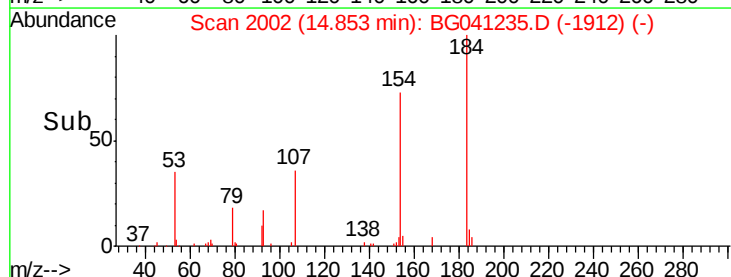
154 73.0 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

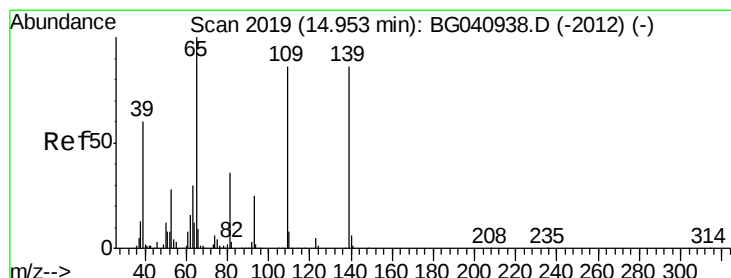
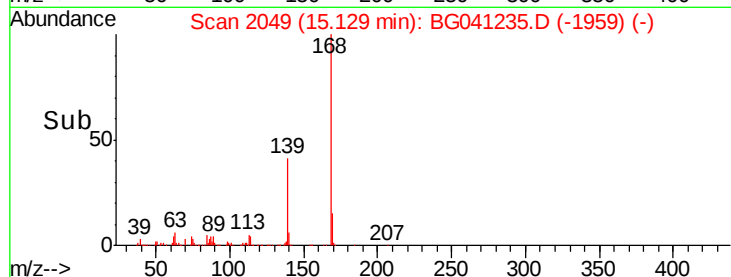
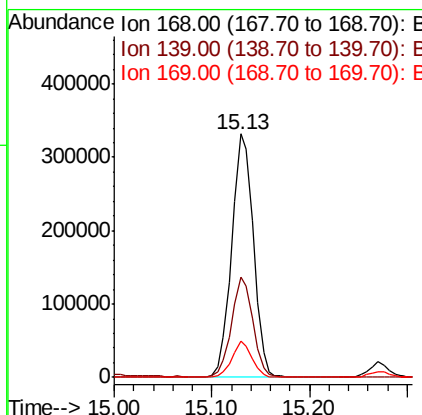
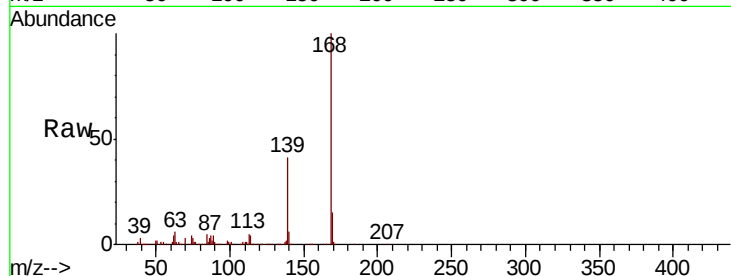




#55
Dibenzofuran
Concen: 48.224 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

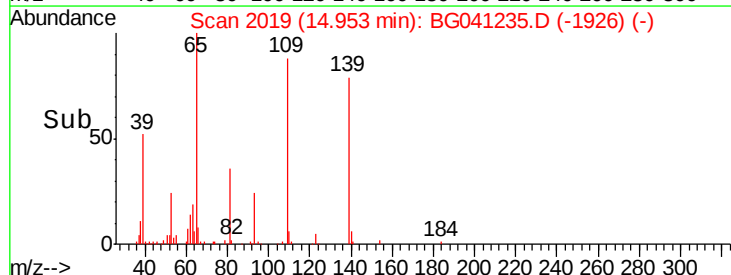
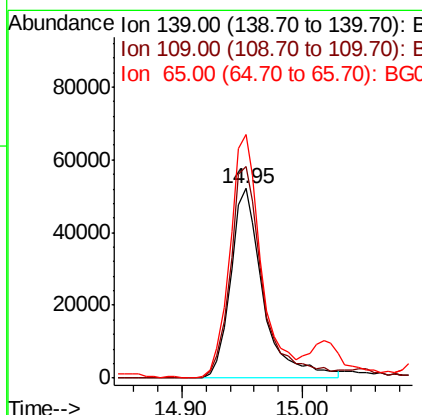
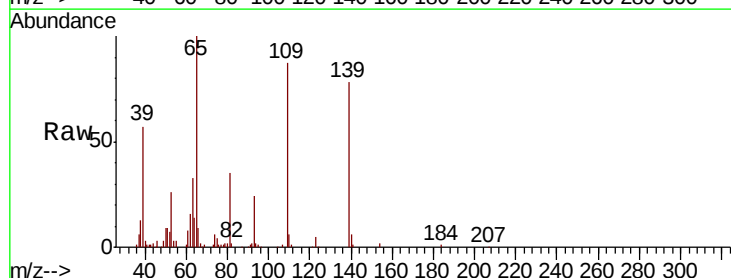
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

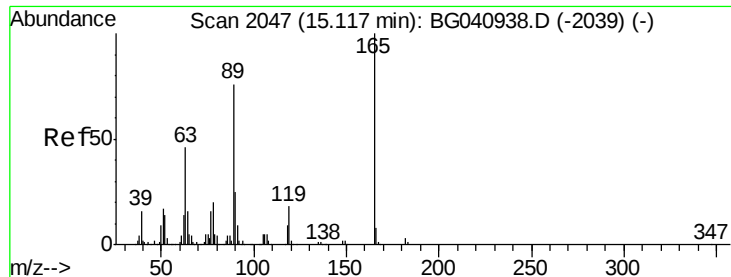
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.8	49.2
169	14.7	11.3	16.9



#56
4-Nitrophenol
Concen: 71.640 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.2	79.6	119.6
65	128.3	96.9	136.9

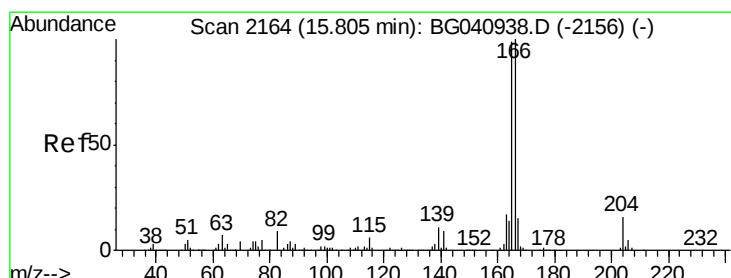
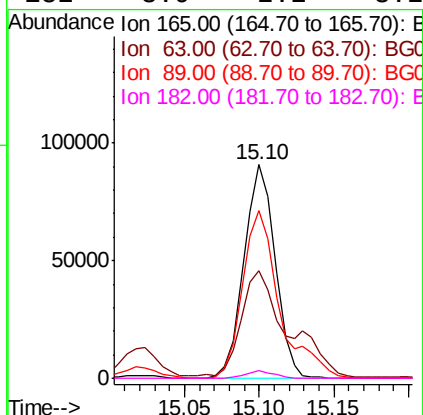
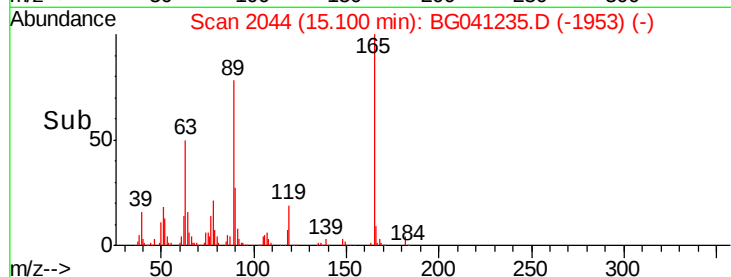
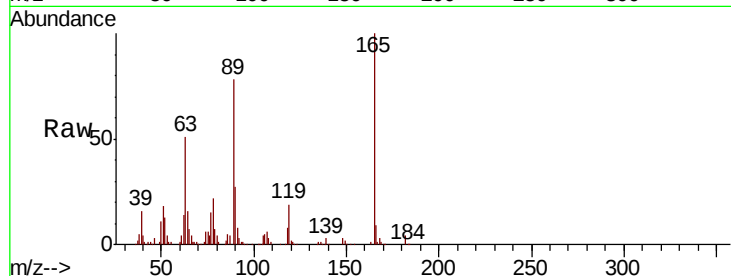




#57
2,4-Dinitrotoluene
Concen: 46.882 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

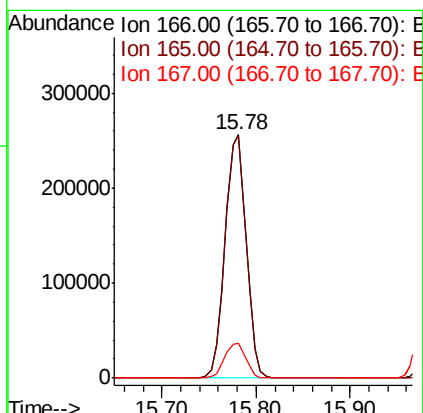
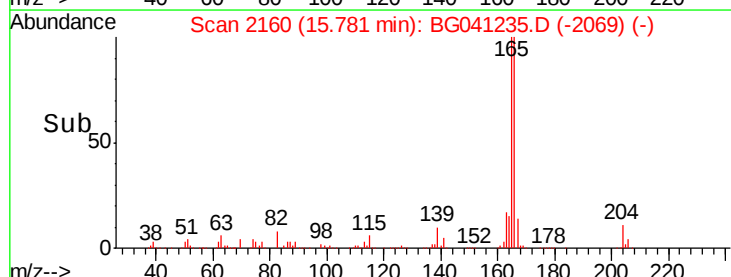
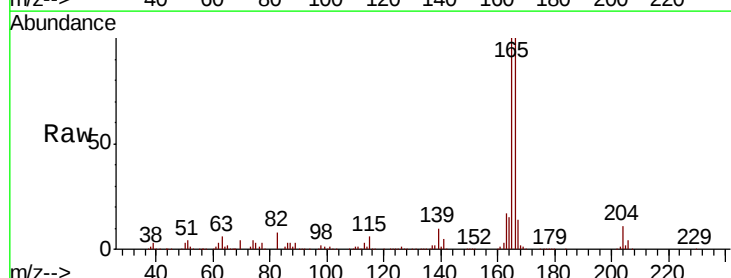
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:165 Resp: 131523
Ion Ratio Lower Upper
165 100
63 50.6 37.3 55.9
89 78.4 61.0 91.6
182 3.9 2.2 3.2#



#58
Fluorene
Concen: 47.456 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:166 Resp: 400926
Ion Ratio Lower Upper
166 100
165 99.5 79.2 118.8
167 14.3 11.8 17.6

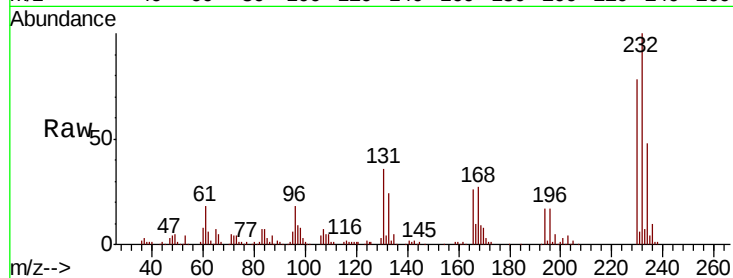




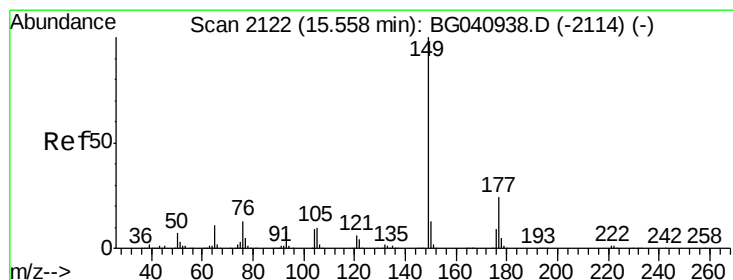
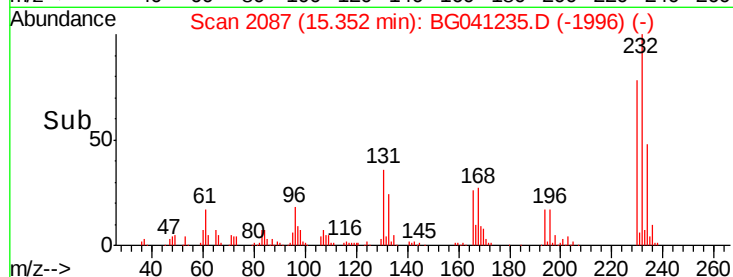
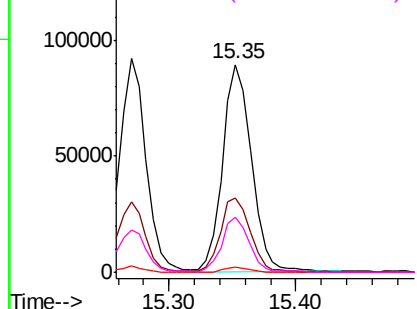
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.455 ng
RT: 15.35 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:	232	Resp:	139549
Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.3	45.5
130	2.1	1.8	2.8
166	25.7	21.3	31.9

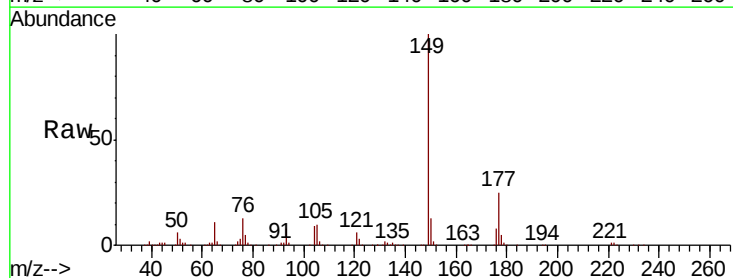


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

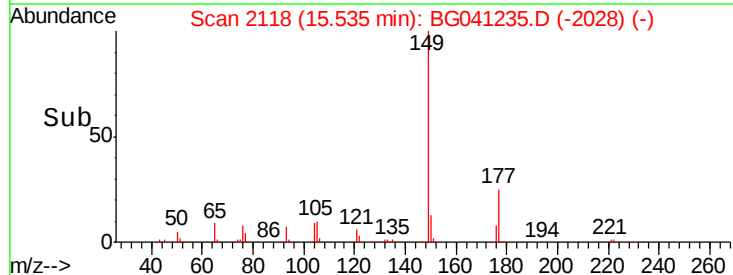
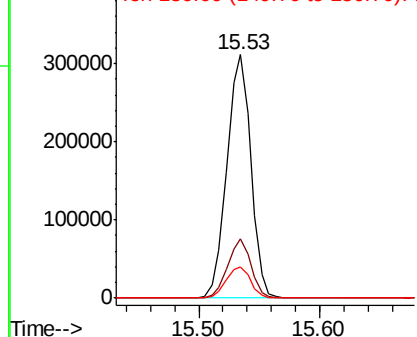


#60
Diethylphthalate
Concen: 45.382 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:	149	Resp:	426609
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	12.8	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

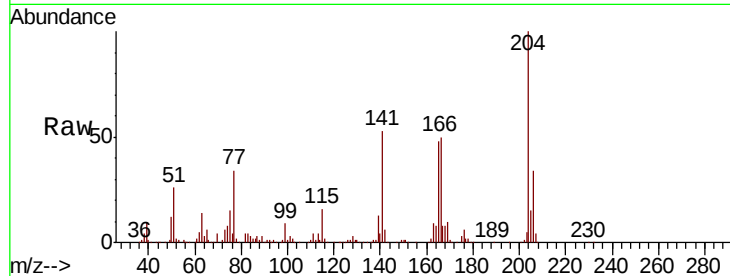




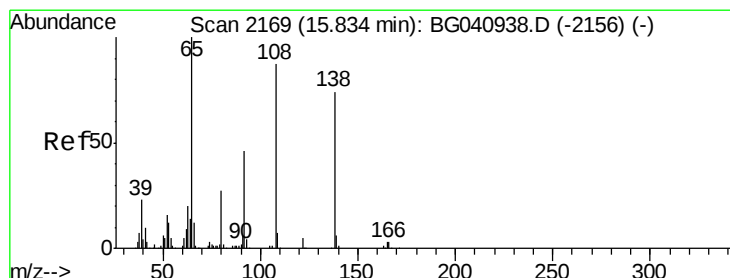
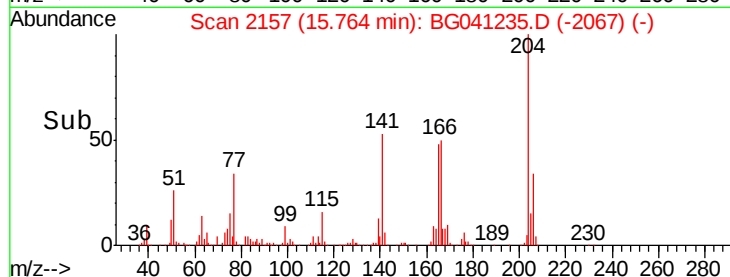
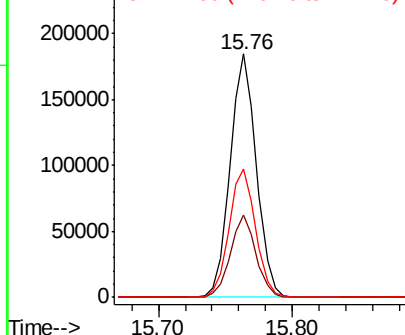
#61
4-Chlorophenyl-phenylether
Concen: 46.081 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:204 Resp: 253050
Ion Ratio Lower Upper
204 100
206 34.0 27.6 41.4
141 52.9 45.1 67.7

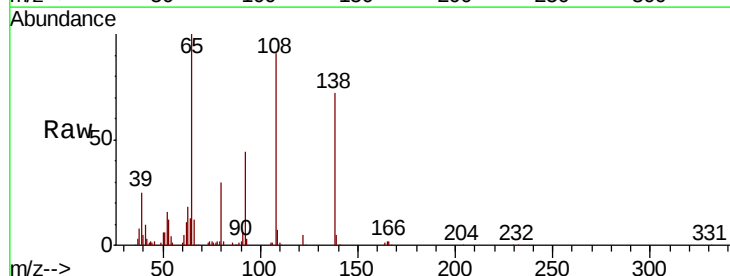


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

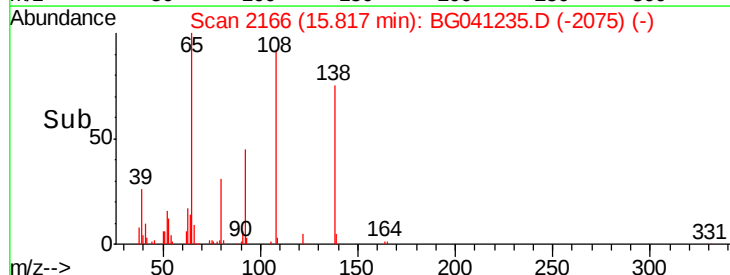
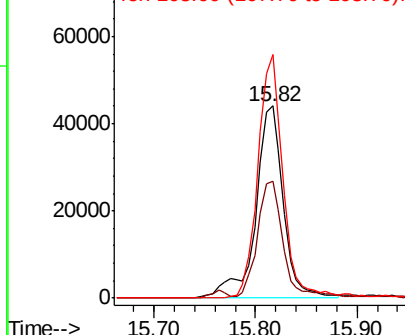


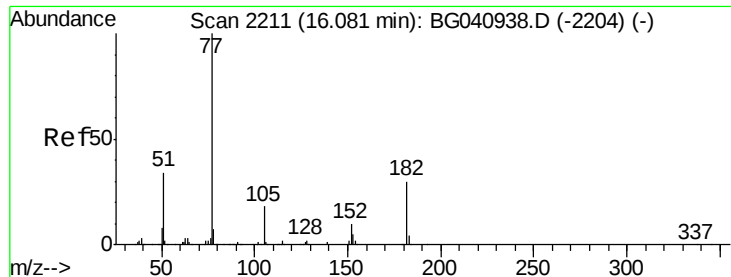
#62
4-Nitroaniline
Concen: 39.767 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:138 Resp: 83610
Ion Ratio Lower Upper
138 100
92 61.0 42.4 82.4
108 126.6 96.9 136.9



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





#63

Azobenzene

Concen: 46.802 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

Tgt Ion: 77 Resp: 399873

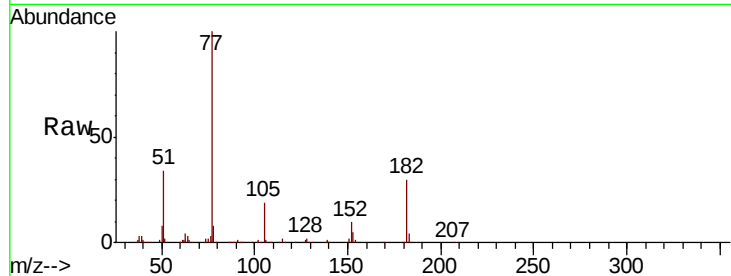
Ion Ratio Lower Upper

77 100

182 29.6 9.6 49.6

105 18.5 0.0 37.5

51 34.3 13.7 53.7

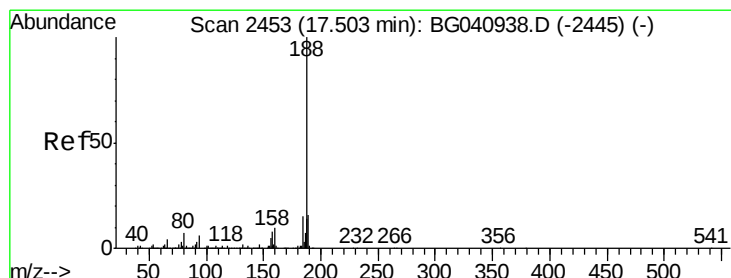
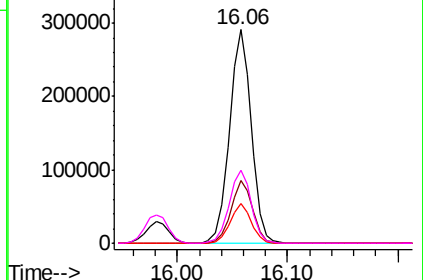
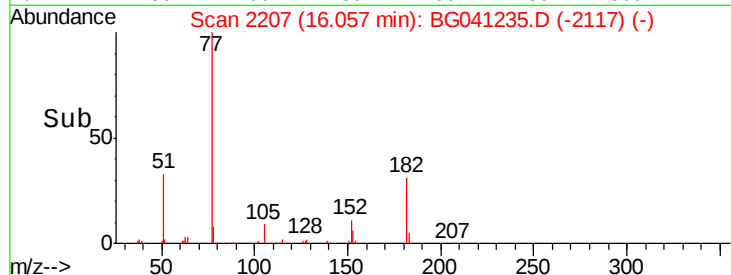


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2449

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

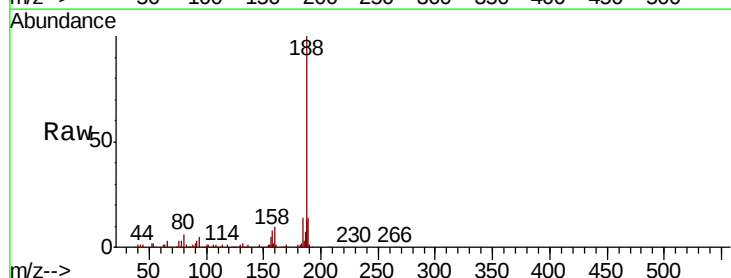
Tgt Ion: 188 Resp: 277258

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

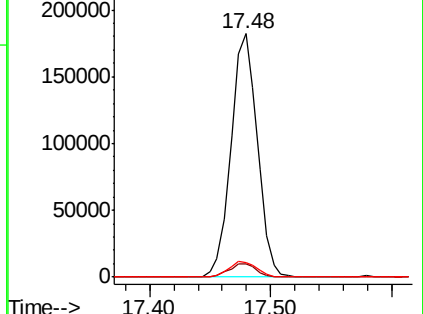
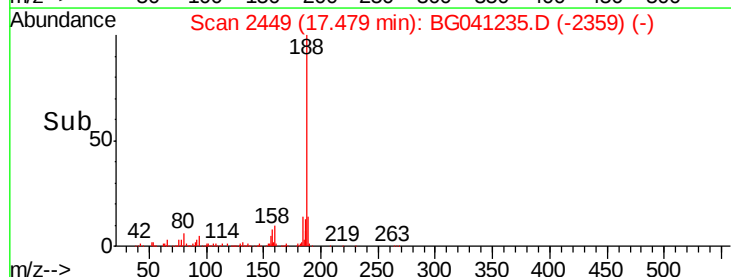
80 6.2 5.8 8.8



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

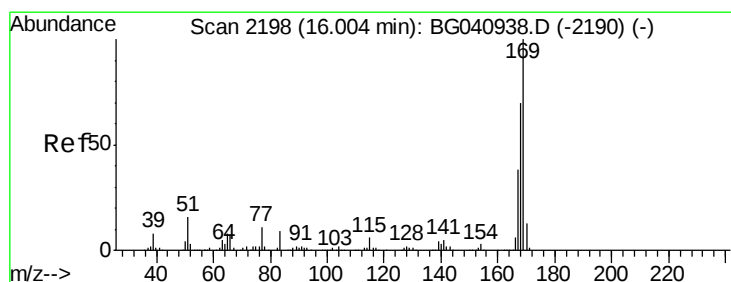
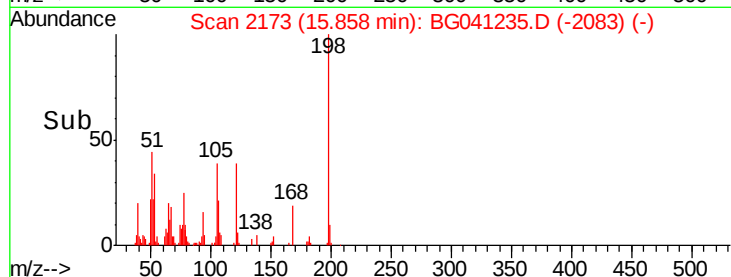
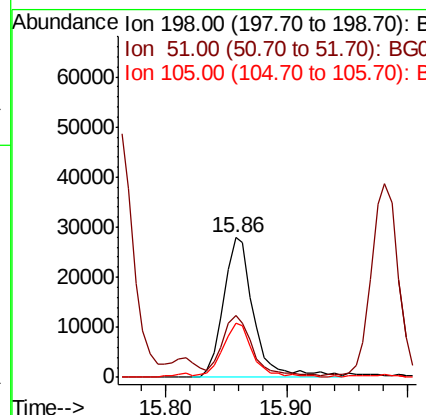
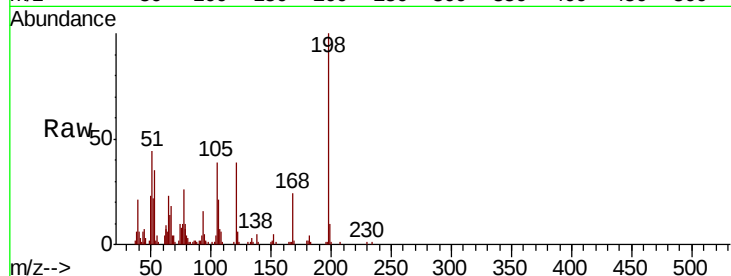




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.187 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

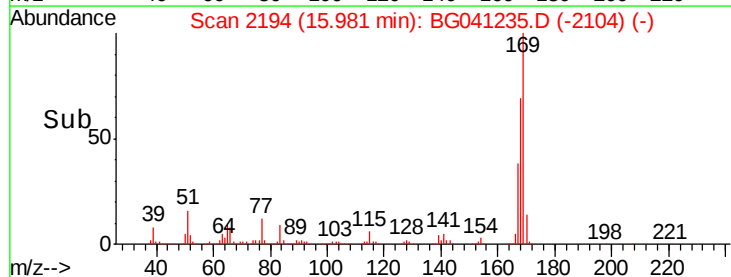
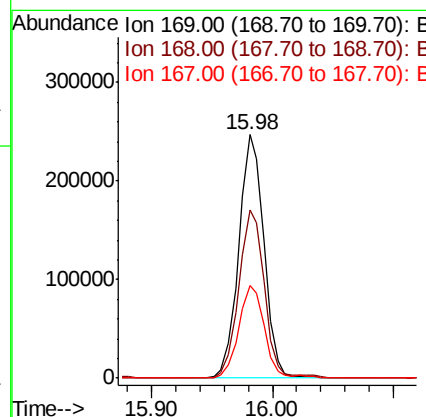
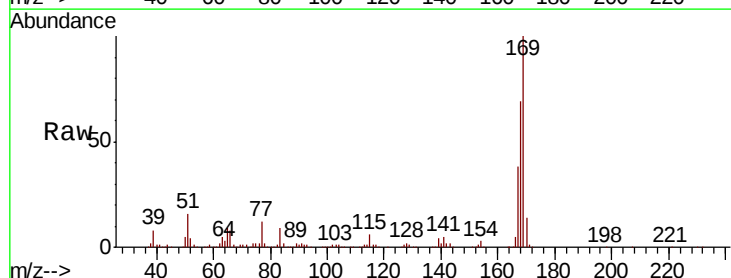
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

Tgt Ion:198 Resp: 48128
 Ion Ratio Lower Upper
 198 100
 51 44.5 21.6 61.6
 105 38.8 17.5 57.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.978 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion:169 Resp: 358352
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.7 83.5
 167 38.2 30.2 45.2

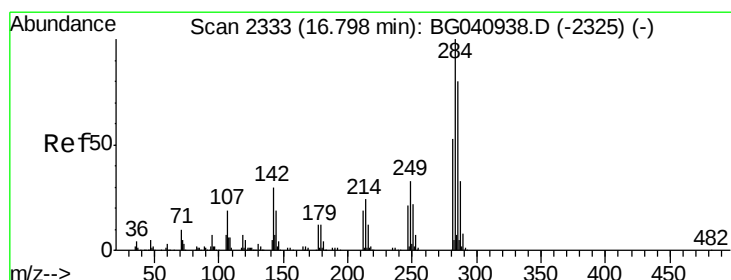
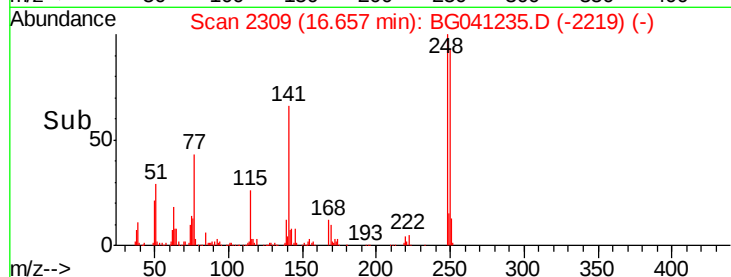
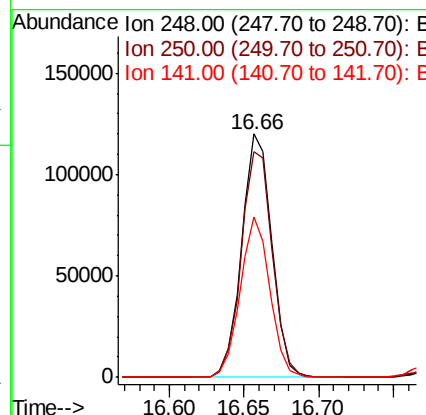
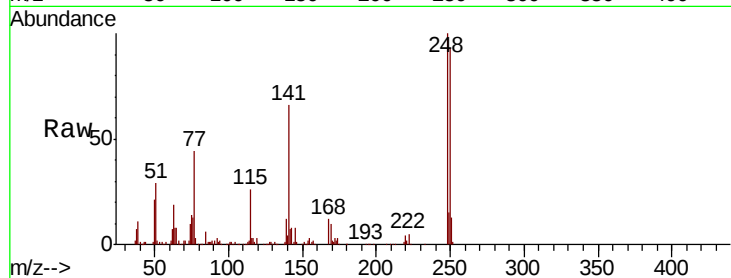




#67
 4-Bromophenyl-phenylether
 Concen: 44.799 ng
 RT: 16.66 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

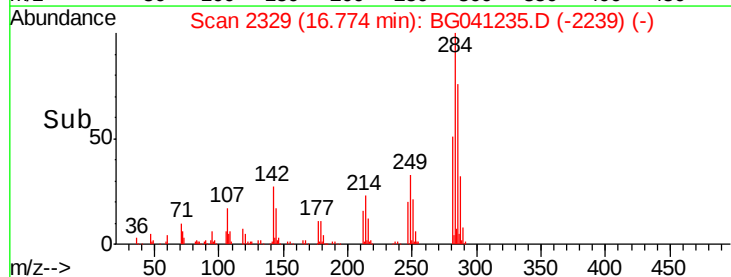
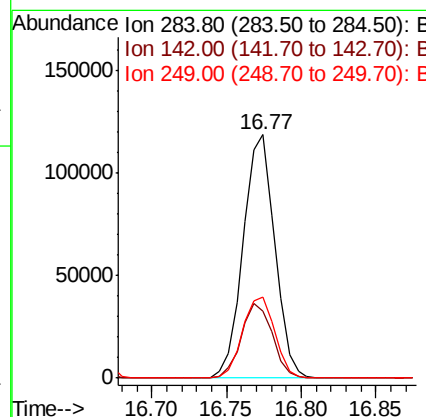
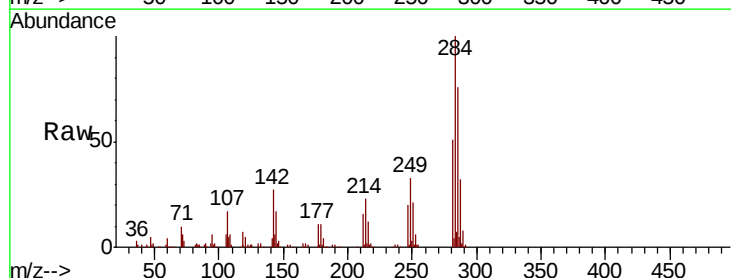
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

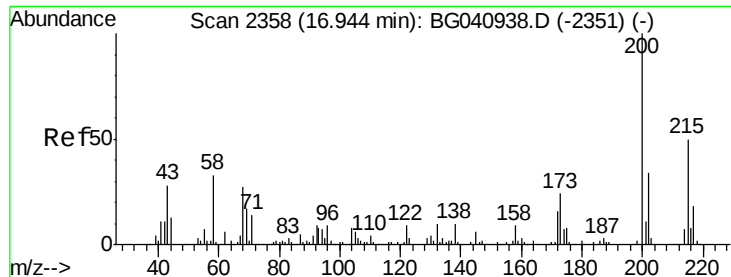
Tgt Ion:248 Resp: 167626
 Ion Ratio Lower Upper
 248 100
 250 92.9 75.0 112.4
 141 66.0 52.4 78.6



#68
 Hexachlorobenzene
 Concen: 43.535 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion:284 Resp: 173458
 Ion Ratio Lower Upper
 284 100
 142 27.5 23.9 35.9
 249 33.4 26.8 40.2





#69

Atrazine

Concen: 50.127 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

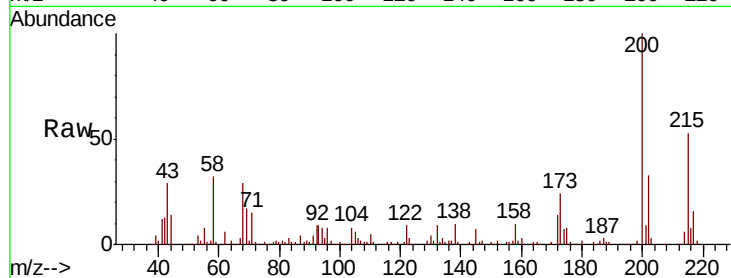
Tgt Ion:200 Resp: 150751

Ion Ratio Lower Upper

200 100

173 23.7 3.6 43.6

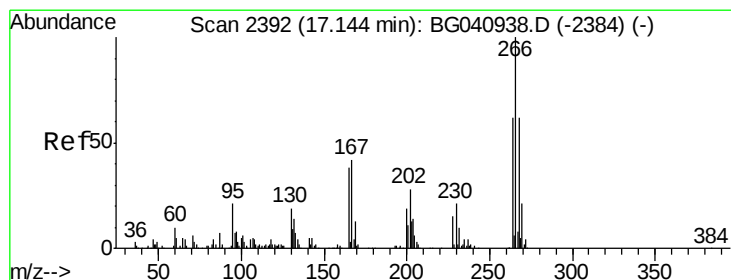
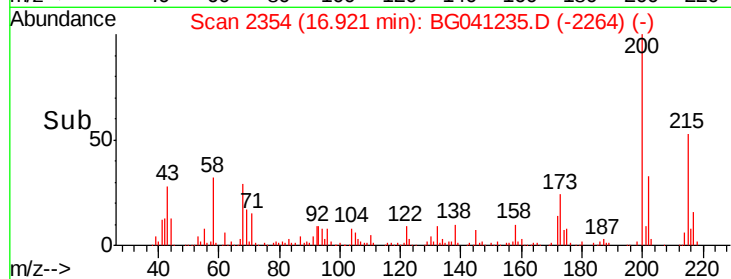
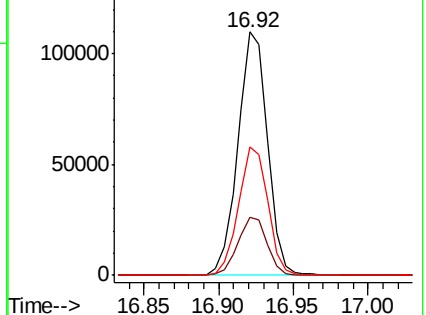
215 52.6 29.6 69.6



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: 74.620 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

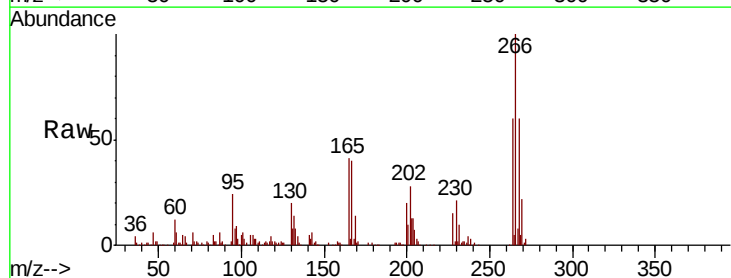
Tgt Ion:266 Resp: 158624

Ion Ratio Lower Upper

266 100

268 59.9 53.1 79.7

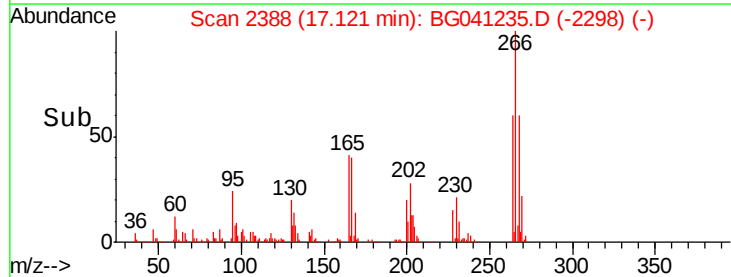
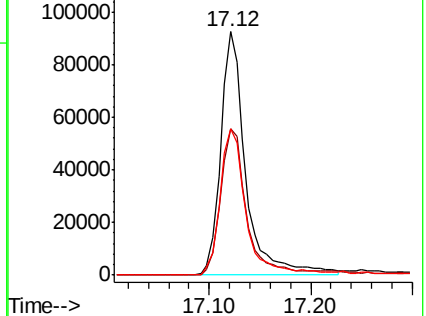
264 60.0 49.9 74.9

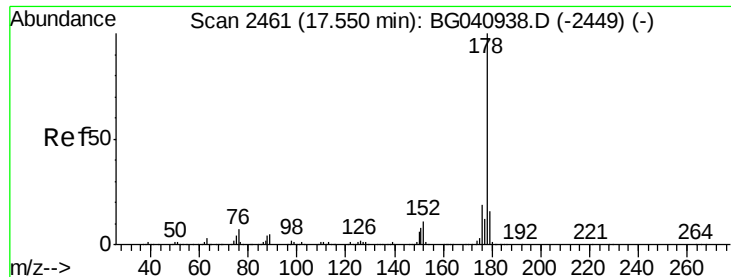


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

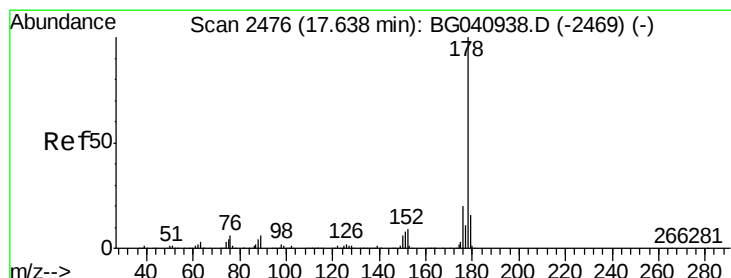
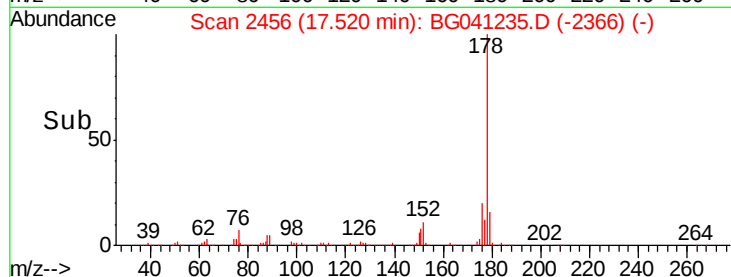
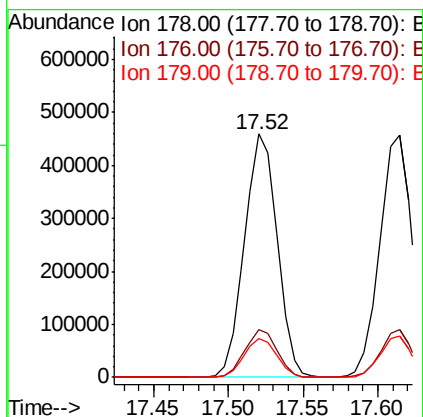
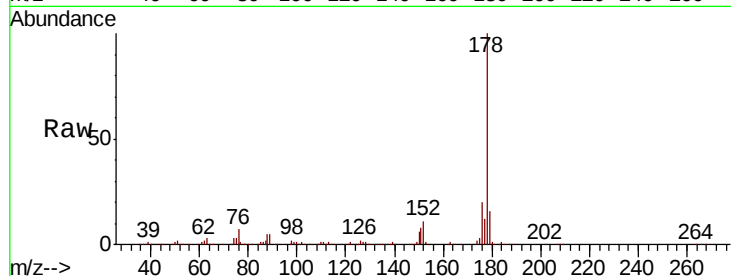




#71
Phenanthrene
Concen: 48.200 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

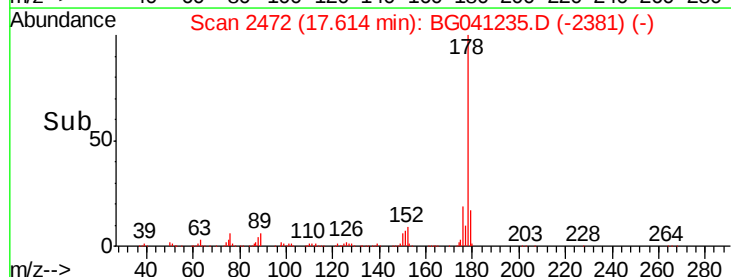
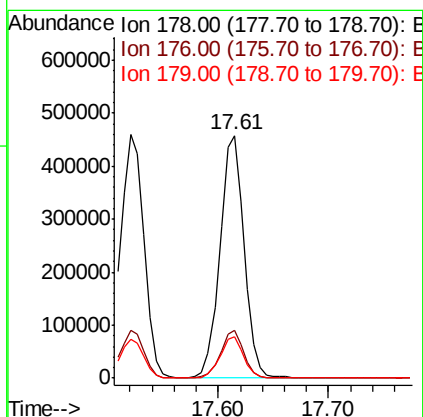
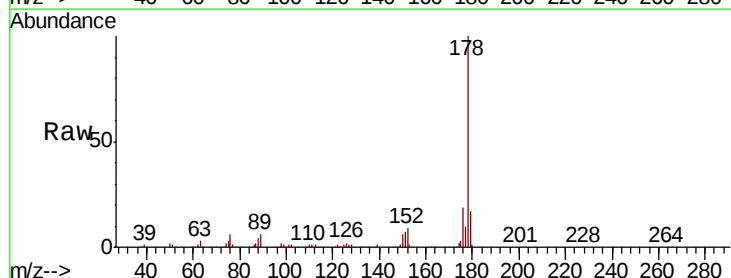
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Tgt Ion:178 Resp: 696105
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.1 12.7 19.1



#72
Anthracene
Concen: 48.970 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:178 Resp: 697516
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.8 13.0 19.4

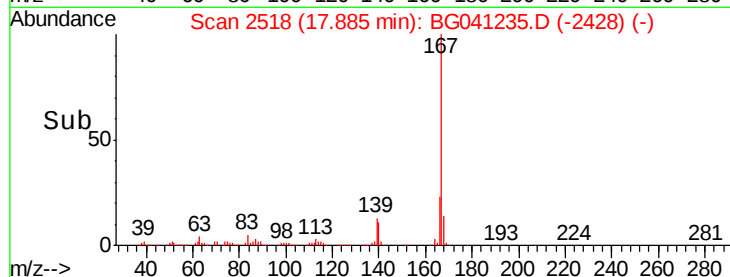
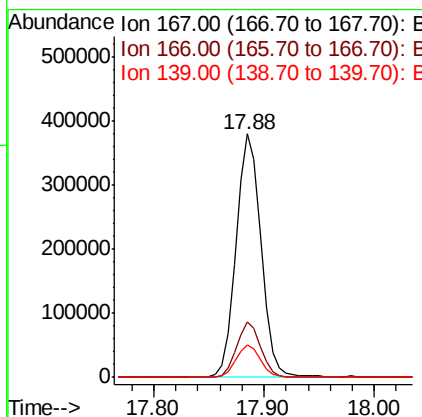
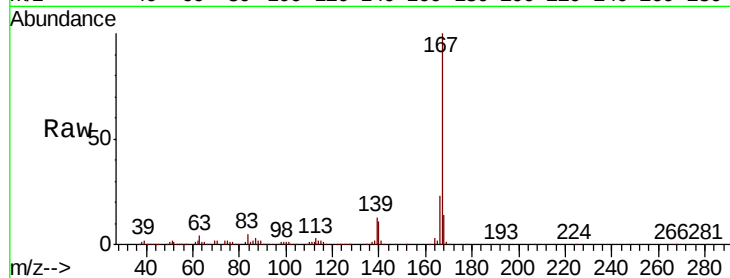




#73
 Carbazole
 Concen: 49.314 ng
 RT: 17.88 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

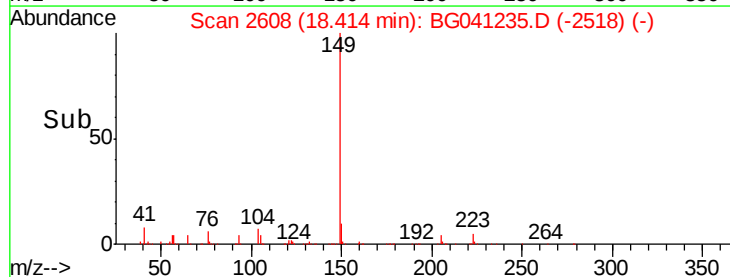
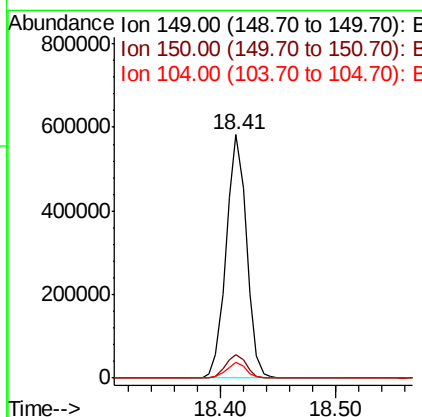
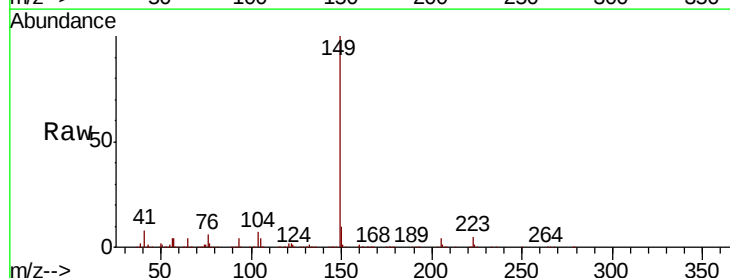
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

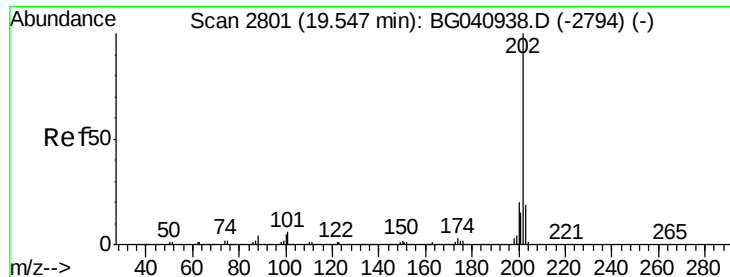
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 46.862 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 49.881 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

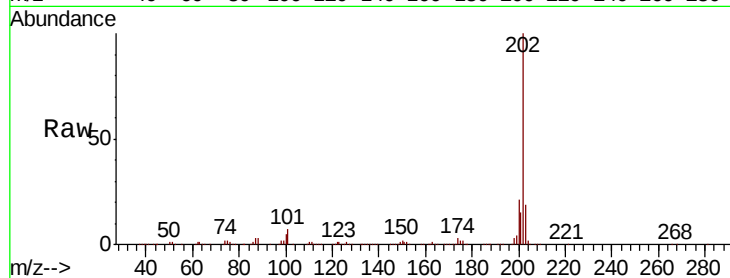
Tgt Ion:202 Resp: 889793

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.2

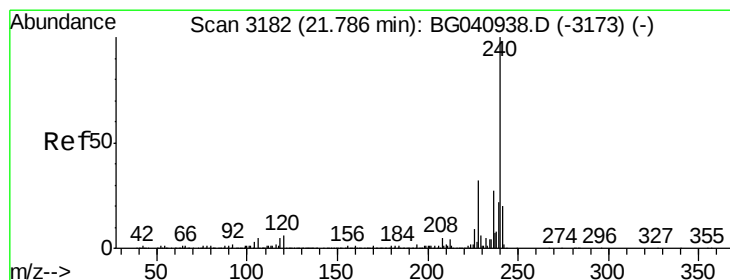
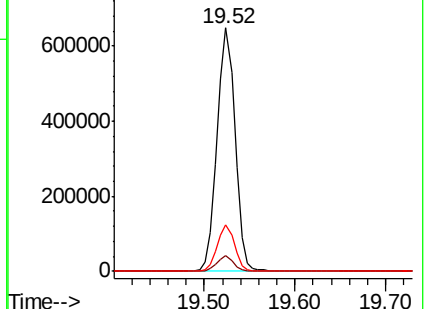
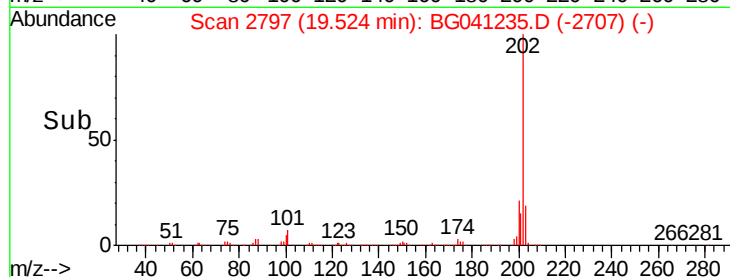
203 18.9 0.0 38.7



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# 3177

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

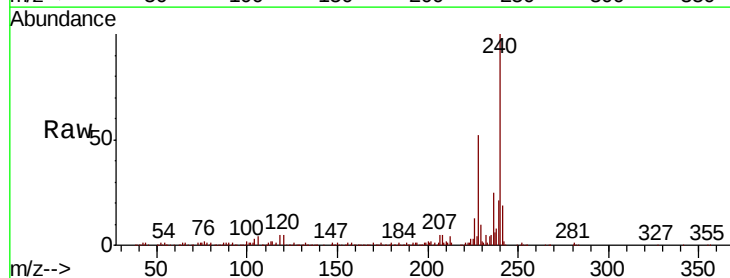
Tgt Ion:240 Resp: 277435

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

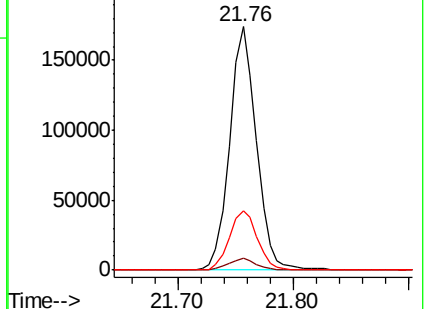
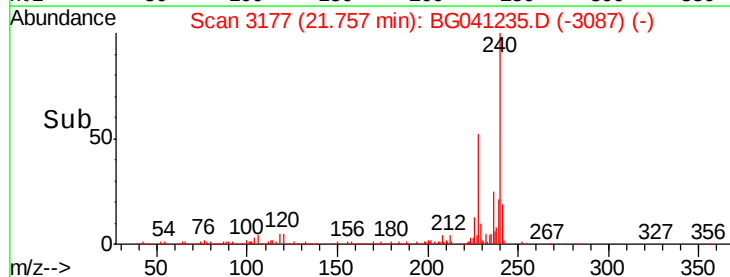
236 24.5 21.3 31.9



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: 2.182 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

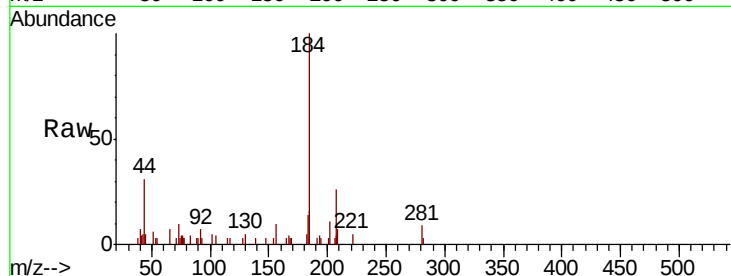
Tgt Ion:184 Resp: 14441

Ion Ratio Lower Upper

184 100

185 15.8 13.3 19.9

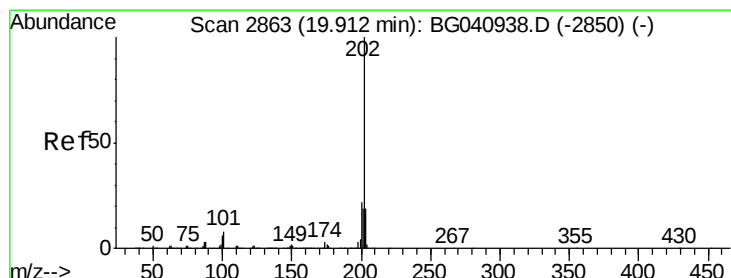
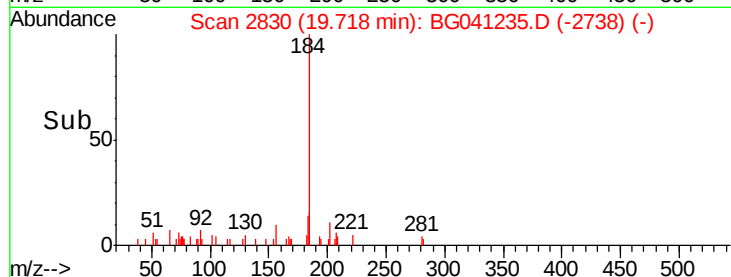
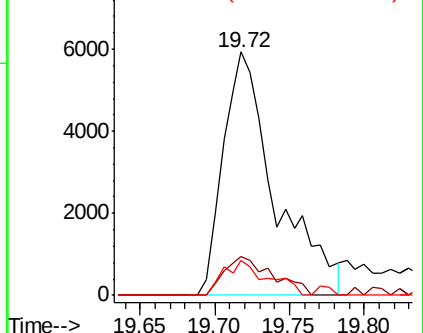
183 14.3 10.7 16.1



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: 49.937 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

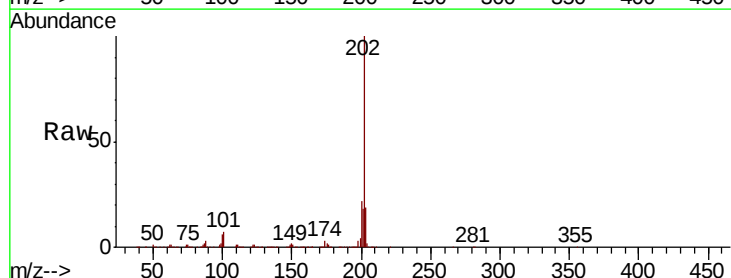
Tgt Ion:202 Resp: 900622

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

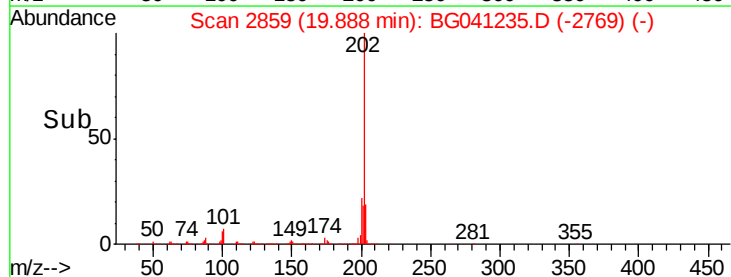
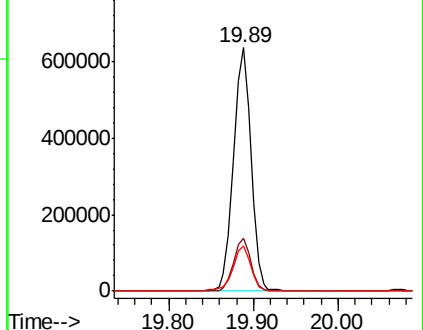
203 18.6 15.6 23.4



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: 101.536 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

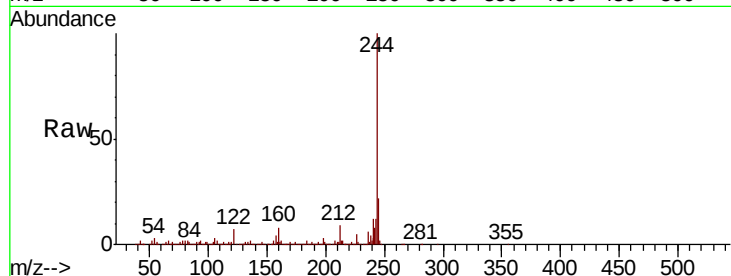
Tgt Ion:244 Resp: 1327293

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

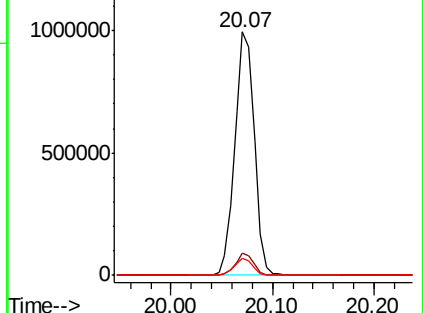
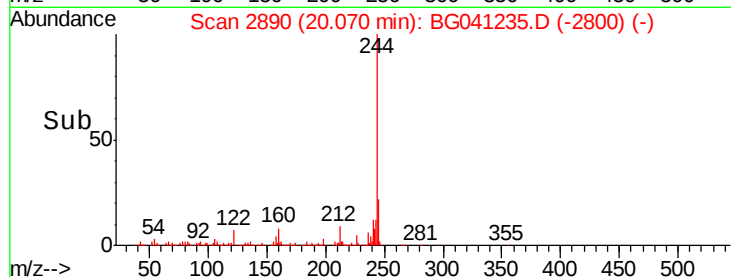
122 7.0 5.4 8.0



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: 47.539 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

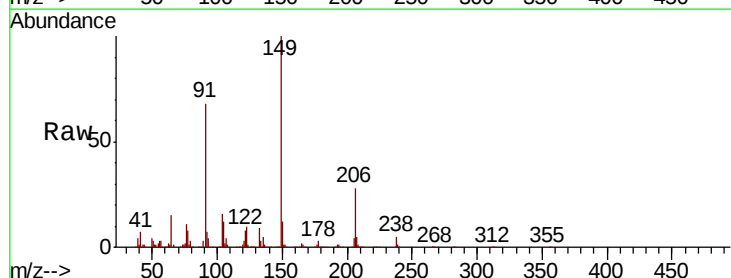
Tgt Ion:149 Resp: 333653

Ion Ratio Lower Upper

149 100

91 67.8 56.5 84.7

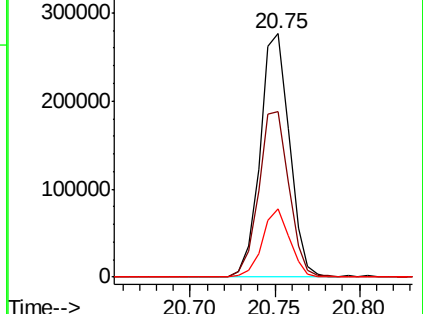
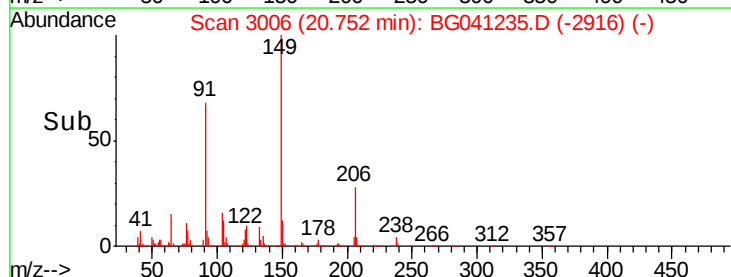
206 28.3 20.3 30.5

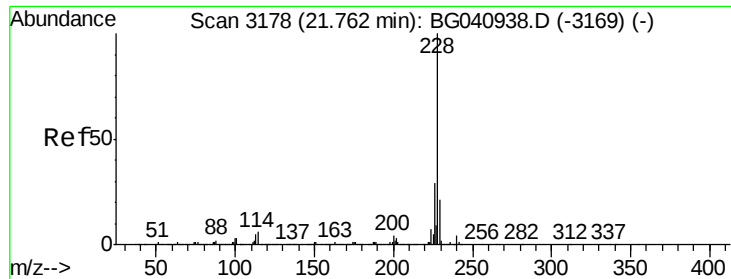


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

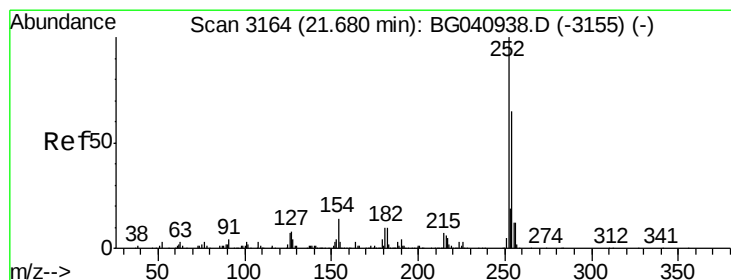
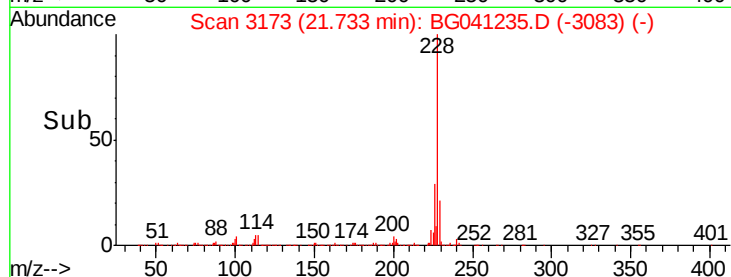
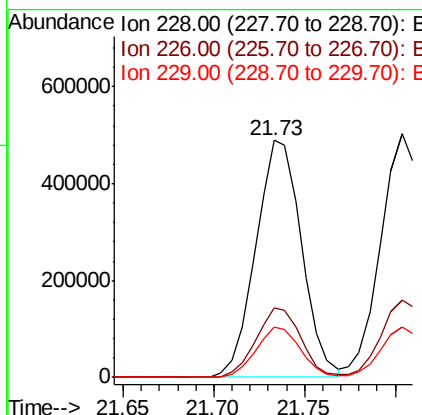
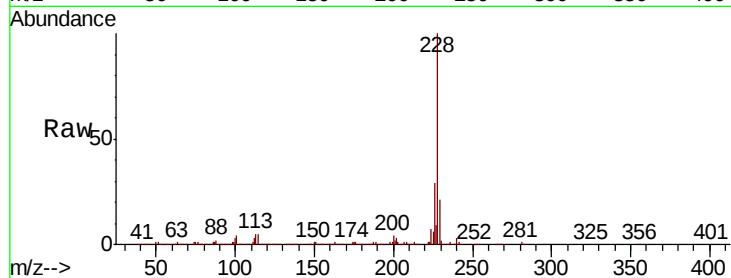




#81
Benzo(a)anthracene
Concen: 46.539 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

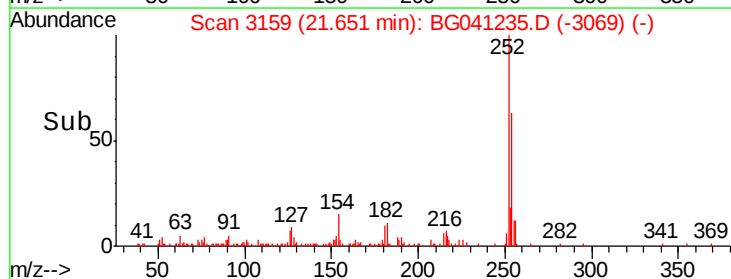
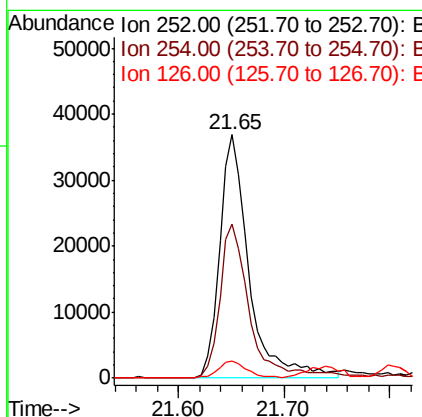
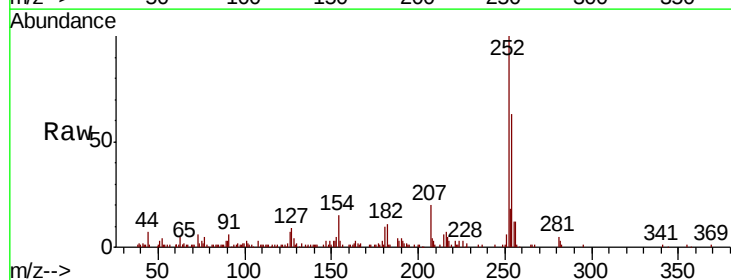
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

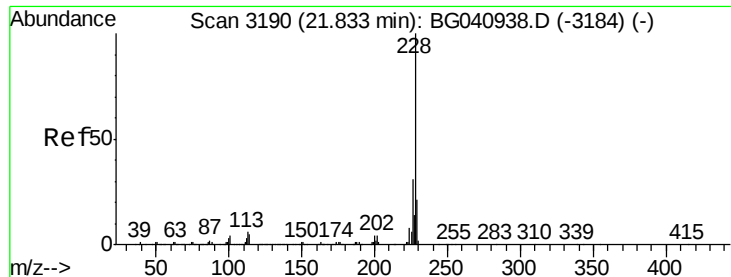
Tgt Ion:228 Resp: 859481
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 21.2 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 10.957 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion:252 Resp: 71170
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 7.1 5.5 8.3





#83

Chrysene

Concen: 48.099 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

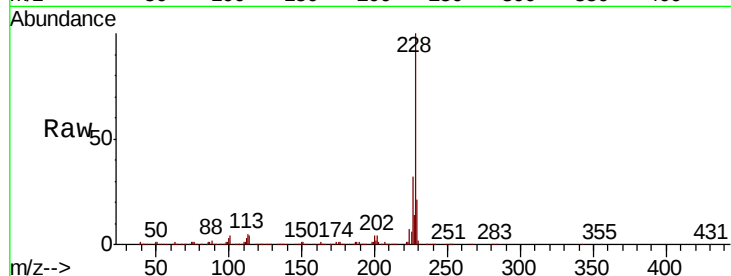
Tgt Ion:228 Resp: 850043

Ion Ratio Lower Upper

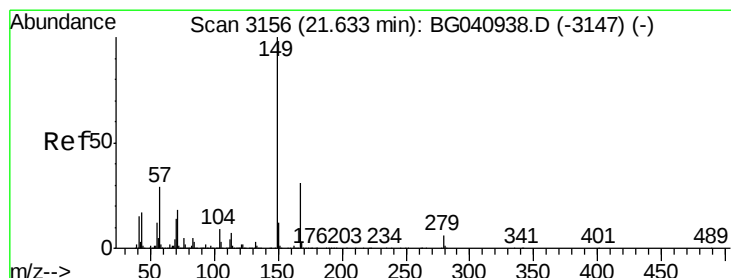
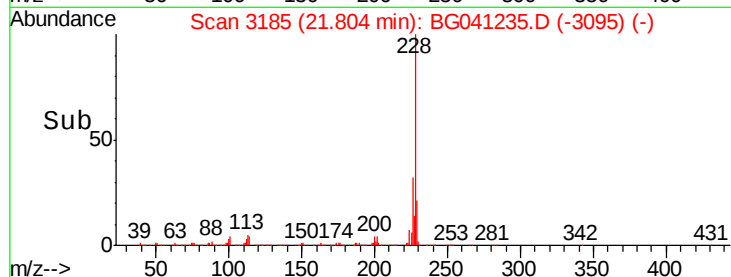
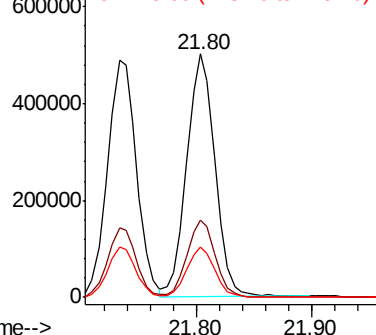
228 100

226 31.6 24.6 37.0

229 20.8 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: 46.579 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

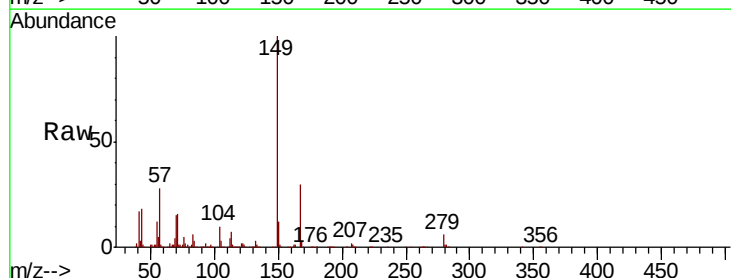
Tgt Ion:149 Resp: 460198

Ion Ratio Lower Upper

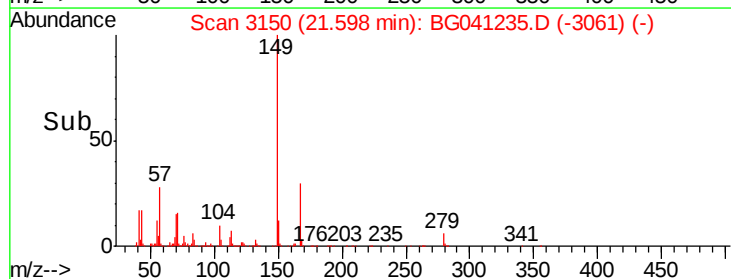
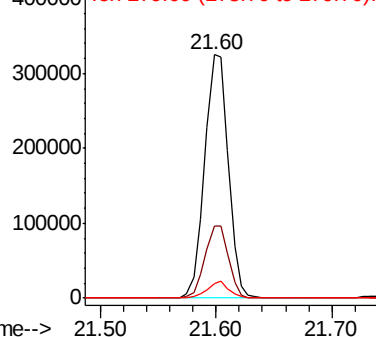
149 100

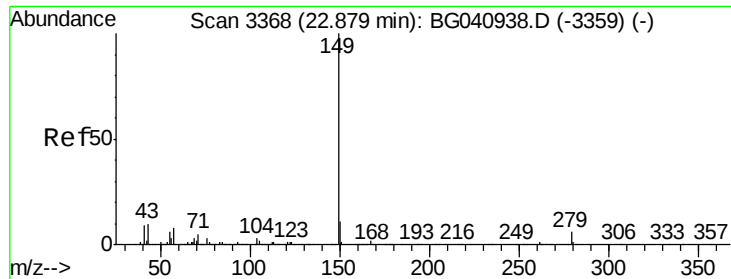
167 29.6 24.6 37.0

279 6.2 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

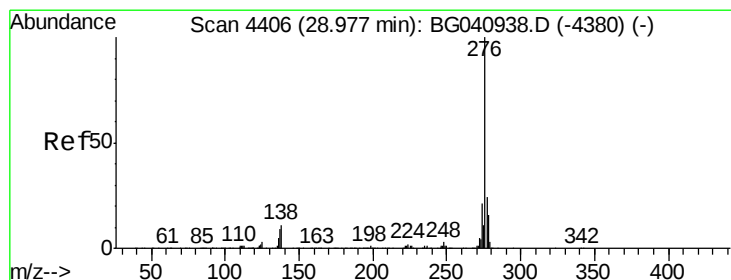
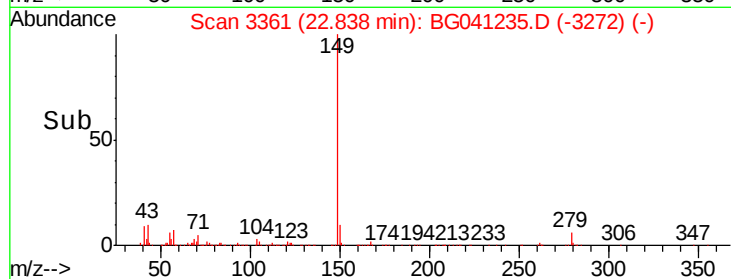
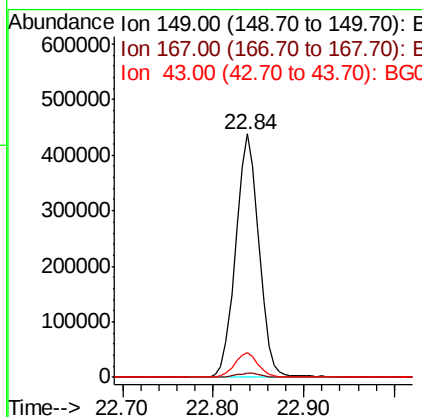
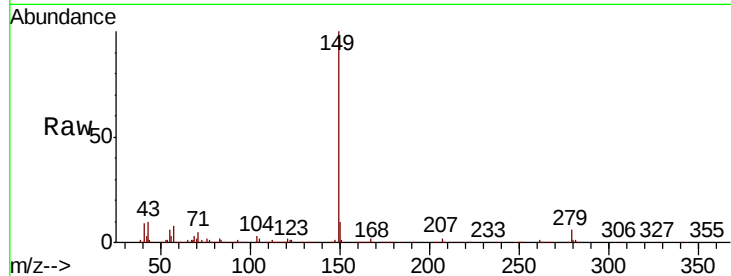




#85
Di-n-octyl phthalate
Concen: 47.483 ng
RT: 22.84 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

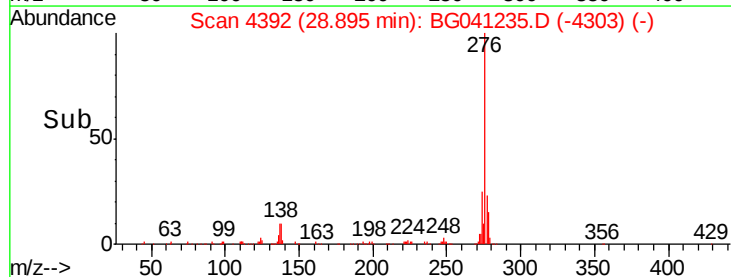
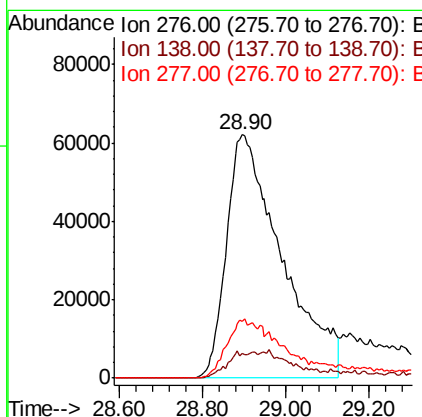
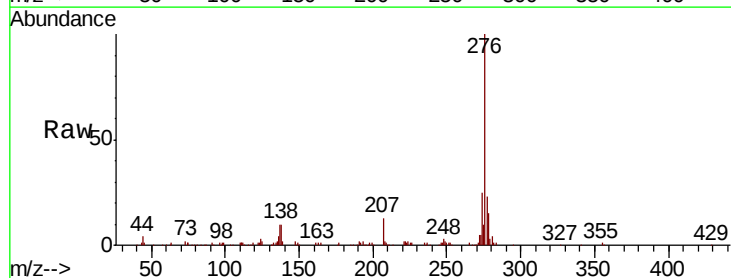
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

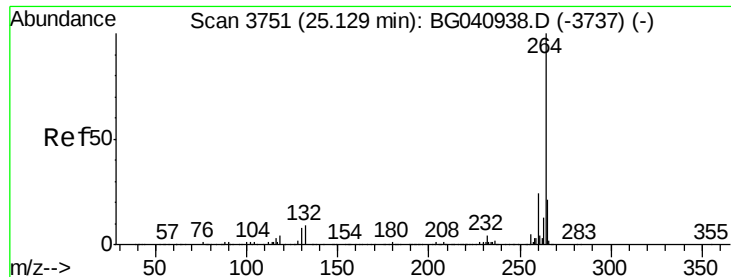
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.2	8.1	12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 26.539 ng
RT: 28.90 min Scan# 4392
Delta R.T. -0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.6	5.7	8.5#
277	22.8	20.8	31.2

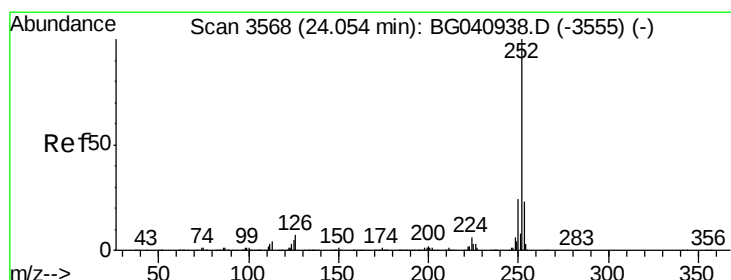
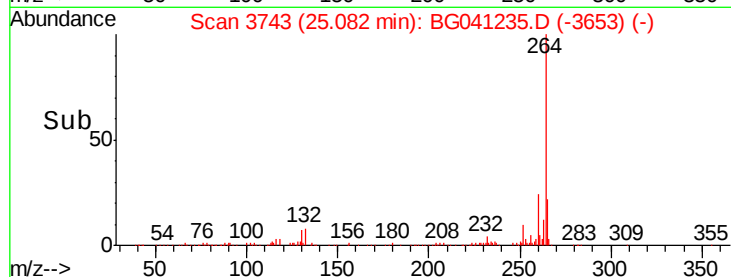
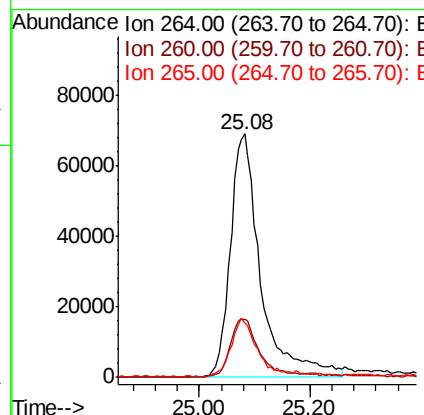
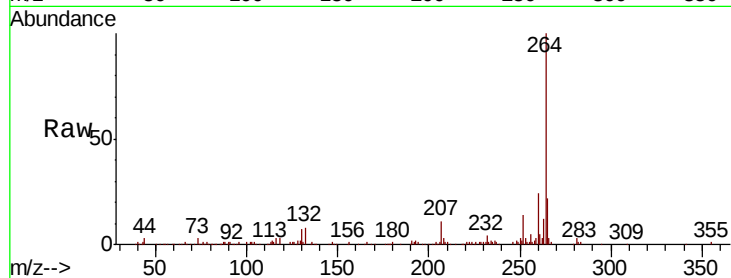




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

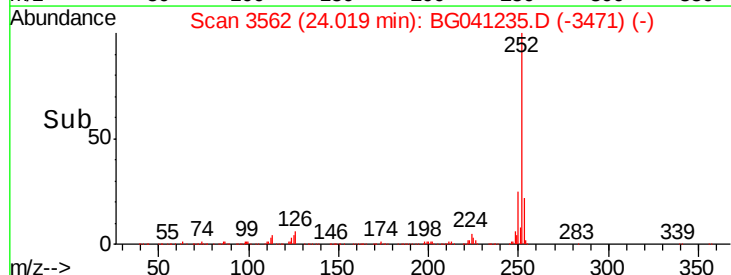
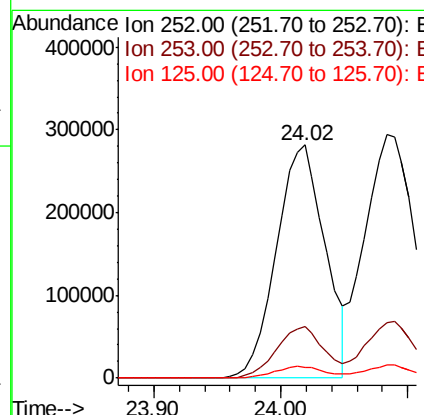
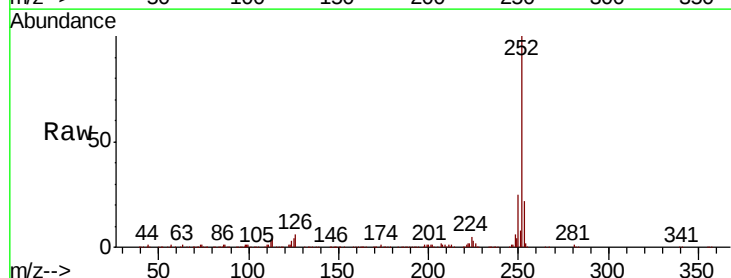
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMS

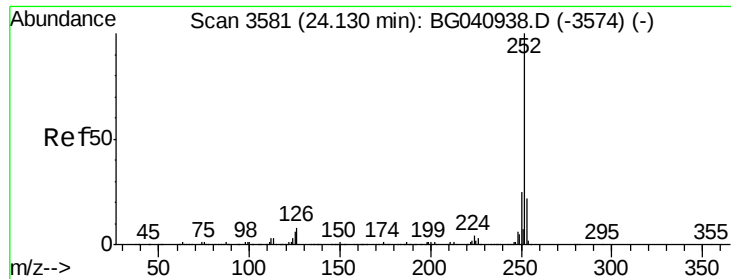
Tgt Ion: 264 Resp: 266202
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.0 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 46.436 ng
 RT: 24.02 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: BG041235.D
 Acq: 14 Jun 2019 00:36

Tgt Ion: 252 Resp: 749766
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.4 27.6
 125 4.3 4.3 6.5

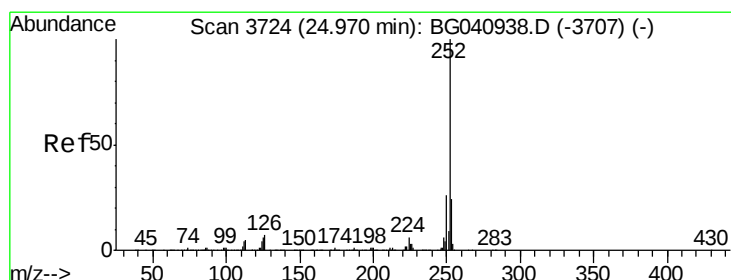
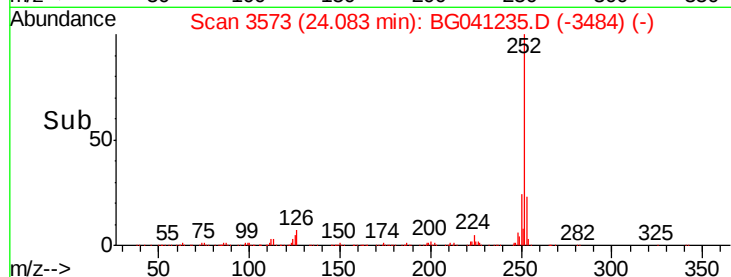
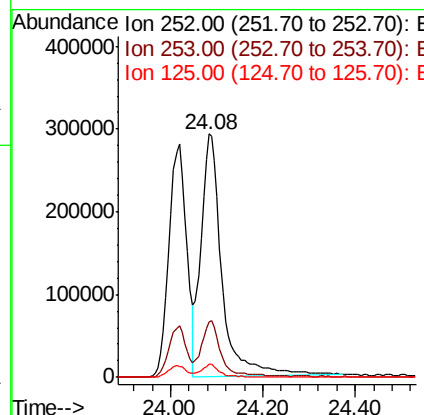
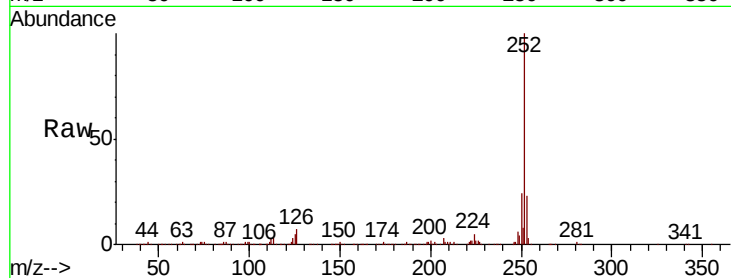




#89
Benzo(k)fluoranthene
Concen: 58.514 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.01 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

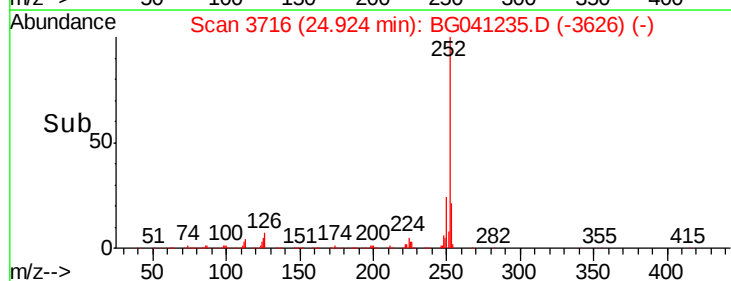
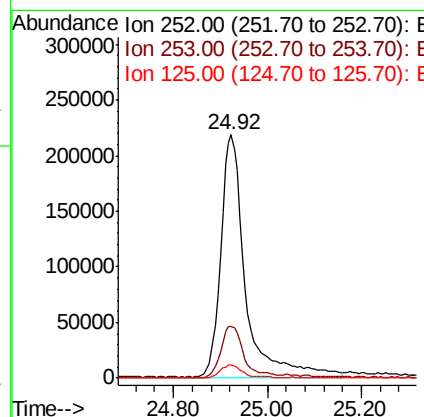
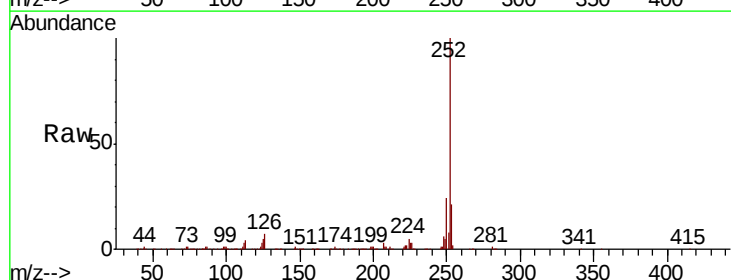
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

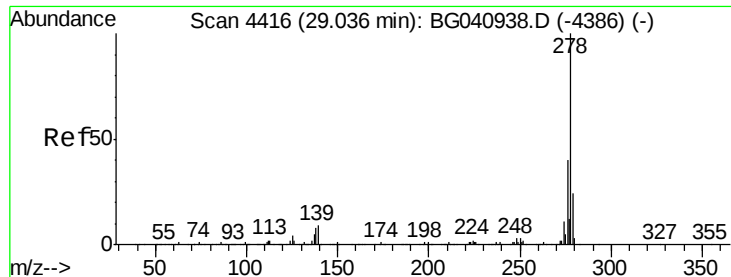
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	5.4	4.7	7.1



#90
Benzo(a)pyrene
Concen: 51.801 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BG041235.D
Acq: 14 Jun 2019 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.5	29.3
125	5.3	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 28.873 ng

RT: 28.97 min Scan# 4404

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMS

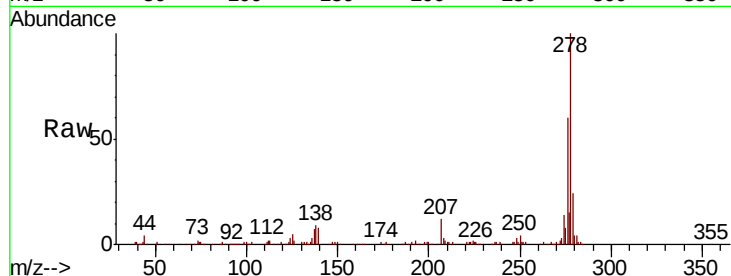
Tgt Ion:278 Resp: 444431

Ion Ratio Lower Upper

278 100

139 8.1 7.1 10.7

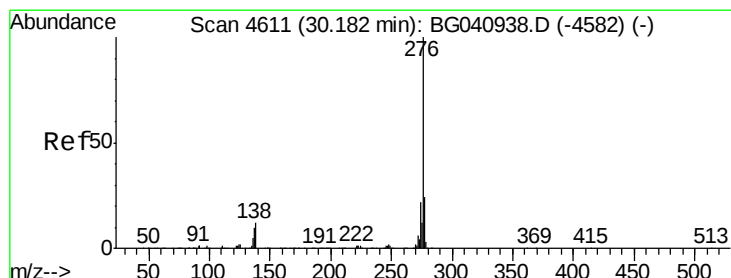
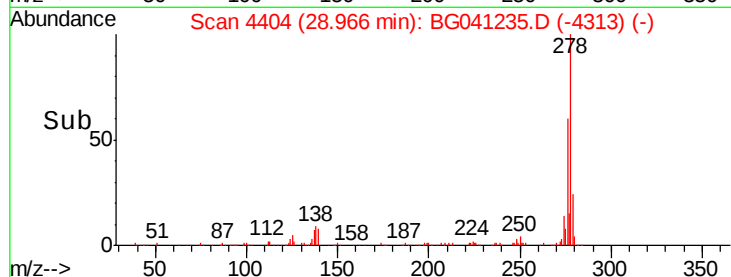
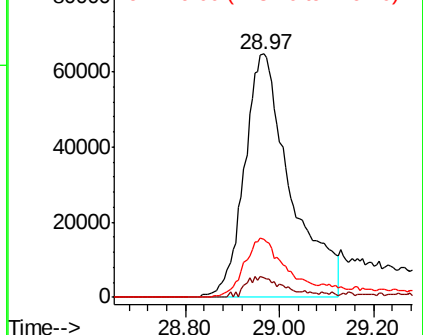
279 23.6 19.4 29.2



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: 27.597 ng

RT: 30.11 min Scan# 4598

Delta R.T. -0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

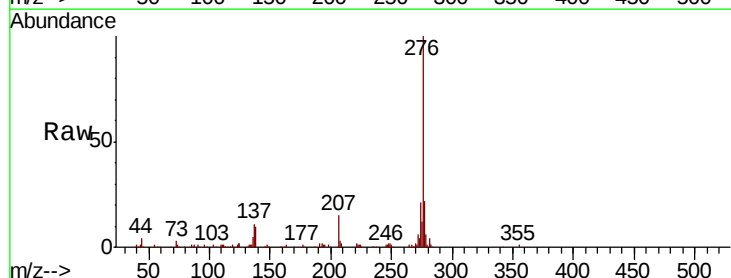
Tgt Ion:276 Resp: 412687

Ion Ratio Lower Upper

276 100

277 22.1 19.4 29.0

138 10.2 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

