

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
 Data File : BG039513.D
 Acq On : 14 Feb 2019 19:19
 Operator : JU/SJ
 Sample : K1349-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Quant Time: Feb 15 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50555	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	234992	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	166543	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	388388	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	386520	20.00	ng	-0.01
87) Perylene-d12	25.22	264	399002	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	451555	152.87	ng	0.00
7) Phenol-d6	7.32	99	595014	136.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	451285	119.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	305713	170.47	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1085139	93.47	ng	-0.01
79) Terphenyl-d14	20.13	244	1654181	90.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	44780	34.657	ng	# 1
3) Pyridine	4.02	79	124809	36.484	ng	95
4) n-Nitrosodimethylamine	3.93	42	70618	41.277	ng	88
6) Aniline	7.49	93	48426	8.892	ng	95
8) 2-Chlorophenol	7.74	128	174486	54.040	ng	95
9) Benzaldehyde	7.31	77	132222	86.249	ng	95
10) Phenol	7.35	94	193053	42.594	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	166178	46.400	ng	99
12) 1,3-Dichlorobenzene	8.06	146	176742	45.186	ng	95
13) 1,4-Dichlorobenzene	8.21	146	178238	45.718	ng	99
14) 1,2-Dichlorobenzene	8.53	146	170407	45.151	ng	99
15) Benzyl Alcohol	8.41	79	175478	51.407	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	312449	38.632	ng	99
17) 2-Methylphenol	8.61	107	154066	52.528	ng	93
18) Hexachloroethane	9.26	117	62939	46.924	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	141286	45.783	ng	93
20) 3+4-Methylphenols	8.94	107	213017	52.740	ng	98
22) Acetophenone	9.00	105	274089	43.422	ng	# 93
24) Nitrobenzene	9.39	77	212312	52.245	ng	99
25) Isophorone	9.91	82	411897	49.414	ng	98
26) 2-Nitrophenol	10.10	139	105095	60.758	ng	99
27) 2,4-Dimethylphenol	10.15	122	184843	54.817	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	247939	48.291	ng	96
29) 2,4-Dichlorophenol	10.63	162	210054	56.997	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	196811	47.567	ng	97
31) Naphthalene	11.04	128	572969	49.149	ng	99
32) Benzoic acid	10.26	122	72505	35.686	ng	100
34) Hexachlorobutadiene	11.31	225	121010	43.978	ng	92
35) Caprolactam	11.95	113	45238	29.664	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	224632	52.705	ng	96
37) 2-Methylnaphthalene	12.63	142	438849	50.826	ng	97
38) 1-Methylnaphthalene	12.85	142	416596	50.053	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	241218	45.522	ng	98
41) Hexachlorocyclopentadiene	12.96	237	234635	81.260	ng	100

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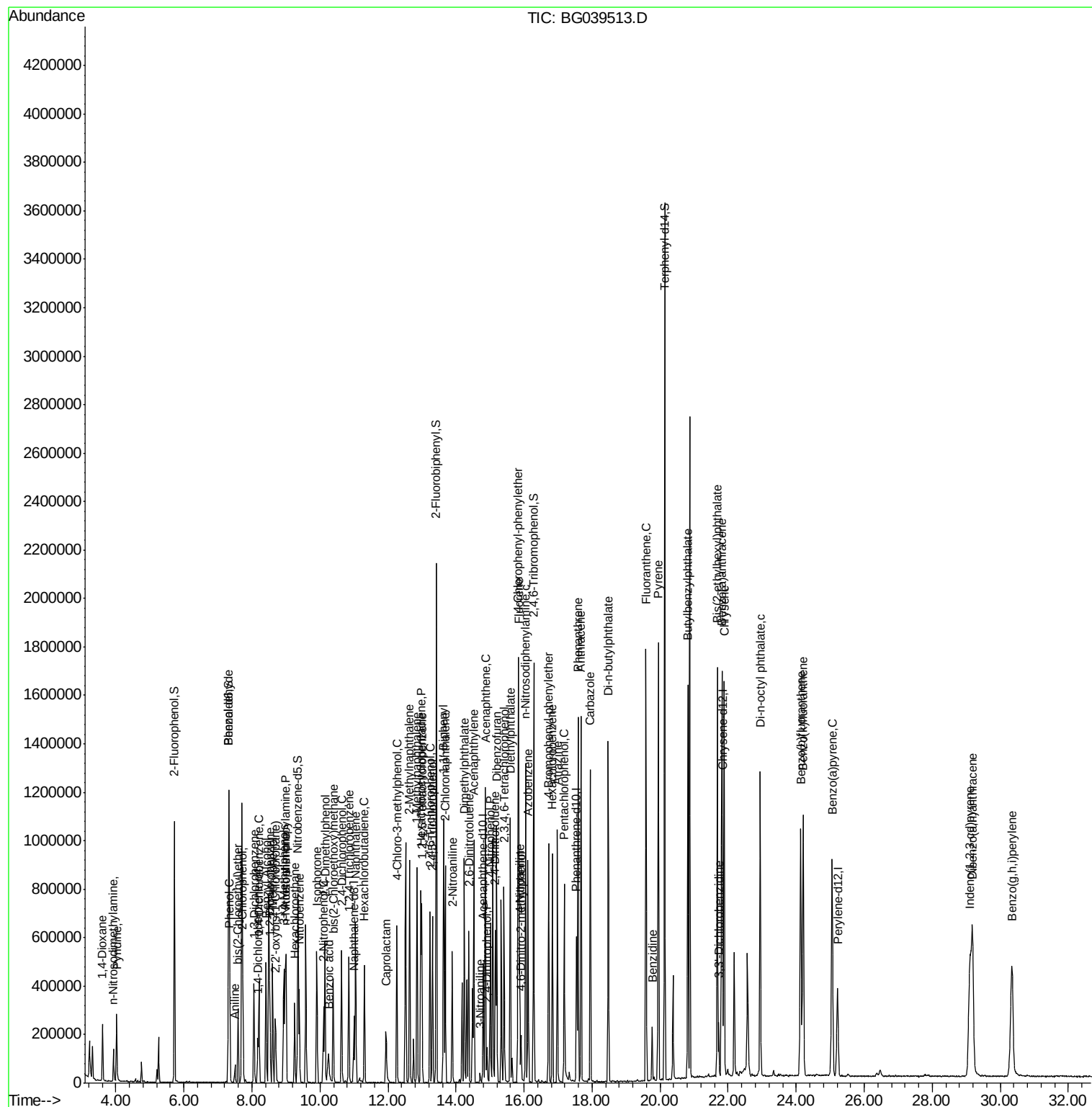
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	178922	54.917	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	194387	56.926	ng	98
46) 1,1'-Biphenyl	13.63	154	594933	42.934	ng	99
47) 2-Chloronaphthalene	13.68	162	467901	44.886	ng	97
48) 2-Nitroaniline	13.89	65	163798	53.542	ng	93
49) Acenaphthylene	14.53	152	752638	47.850	ng	99
50) Dimethylphthalate	14.24	163	624946	46.462	ng	100
51) 2,6-Dinitrotoluene	14.37	165	139911	54.609	ng	98
52) Acenaphthene	14.86	154	463699	45.416	ng	99
53) 3-Nitroaniline	14.71	138	10320	9.138	ng	# 89
54) 2,4-Dinitrophenol	14.91	184	37954	44.043	ng	90
55) Dibenzofuran	15.20	168	743149	45.396	ng	99
56) 4-Nitrophenol	15.01	139	182291	75.321	ng	# 86
57) 2,4-Dinitrotoluene	15.15	165	196704	58.953	ng	# 88
58) Fluorene	15.84	166	586054	48.024	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	179850	56.252	ng	95
60) Diethylphthalate	15.60	149	617203	44.381	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	314283	45.483	ng	96
62) 4-Nitroaniline	15.87	138	134909	47.845	ng	89
63) Azobenzene	16.12	77	556350	40.930	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	47842	35.311	ng	94
66) n-Nitrosodiphenylamine	16.04	169	540322	45.753	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	207645	48.192	ng	92
68) Hexachlorobenzene	16.83	284	210145	48.611	ng	95
69) Atrazine	16.98	200	207045	47.975	ng	94
70) Pentachlorophenol	17.18	266	179371	59.700	ng	97
71) Phenanthrene	17.59	178	952982	47.408	ng	98
72) Anthracene	17.67	178	965865	48.780	ng	97
73) Carbazole	17.95	167	848949	42.962	ng	99
74) Di-n-butylphthalate	18.47	149	1034108	44.857	ng	99
75) Fluoranthene	19.58	202	1124993	48.217	ng	99
77) Benzidine	19.77	184	133266	10.516	ng	98
78) Pyrene	19.94	202	1127694	46.866	ng	99
80) Butylbenzylphthalate	20.81	149	490000	48.275	ng	97
81) Benzo(a)anthracene	21.81	228	1114553	48.800	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	77739	9.180	ng	100
83) Chrysene	21.88	228	1040352	47.851	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	667182	46.074	ng	# 98
85) Di-n-octyl phthalate	22.94	149	1154258	48.248	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1249870	53.581	ng	97
88) Benzo(b)fluoranthene	24.13	252	1093418	50.249	ng	97
89) Benzo(k)fluoranthene	24.21	252	1067116	48.846	ng	99
90) Benzo(a)pyrene	25.06	252	1060262	50.594	ng	98
91) Dibenzo(a,h)anthracene	29.18	278	1007368	51.329	ng	98
92) Benzo(g,h,i)perylene	30.34	276	1029552	52.632	ng	99

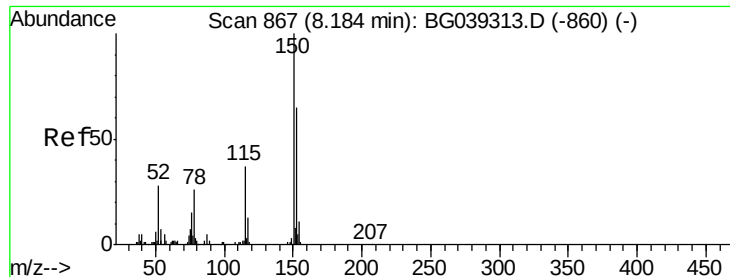
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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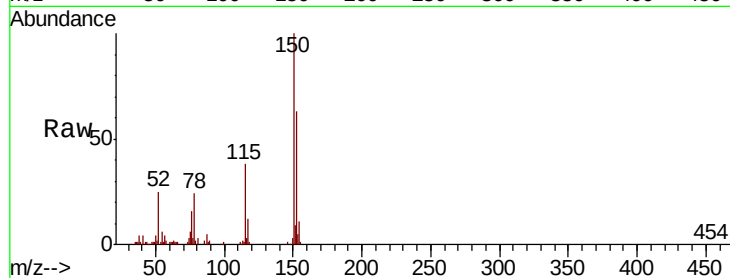


#1

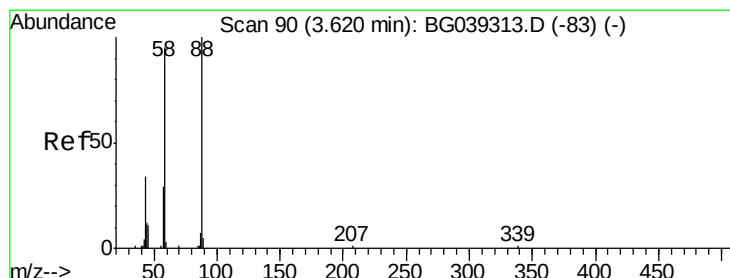
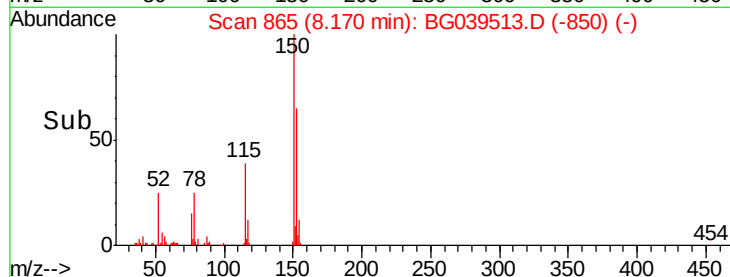
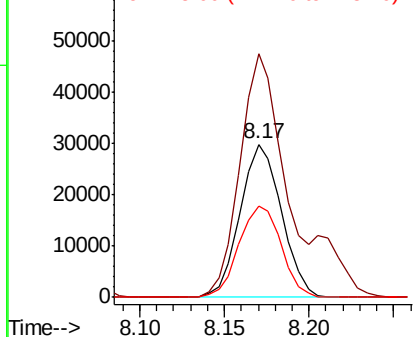
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

Tgt Ion:152 Resp: 50555
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 59.7 45.9 68.9



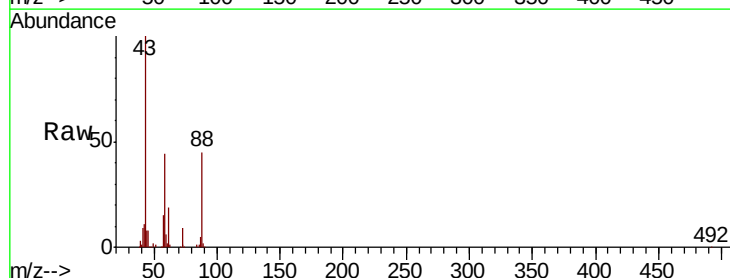
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



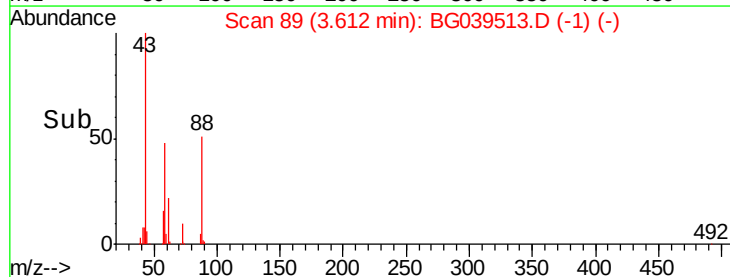
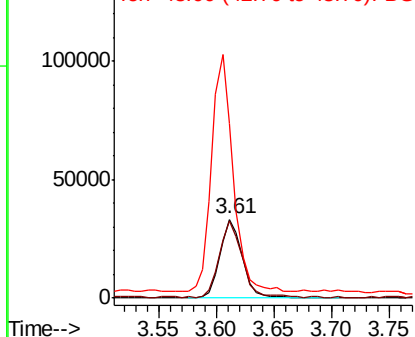
#2

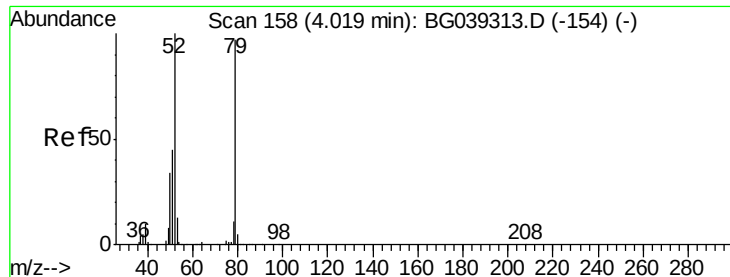
1,4-Dioxane
Concen: 34.657 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion: 88 Resp: 44780
Ion Ratio Lower Upper
88 100
58 99.5 81.1 121.7
43 289.1 31.4 47.0#



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: 36.484 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

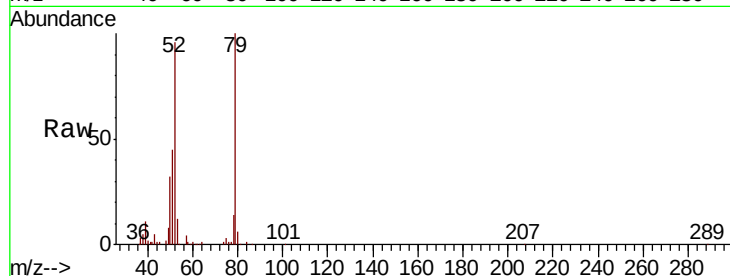
Tgt Ion: 79 Resp: 124809

Ion Ratio Lower Upper

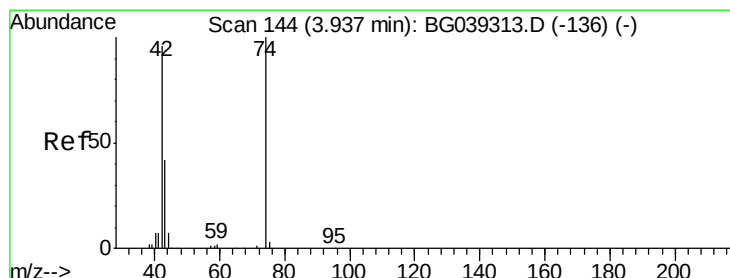
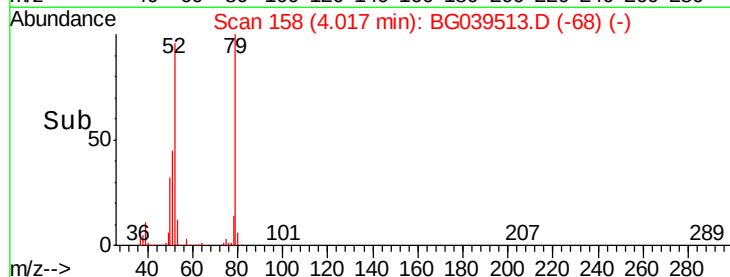
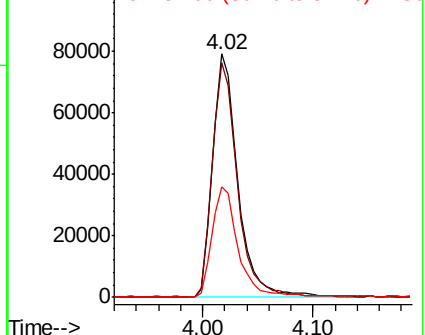
79 100

52 96.5 82.6 124.0

51 45.3 37.5 56.3



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: 41.277 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

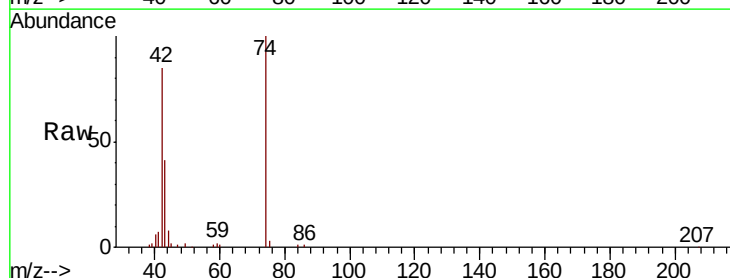
Tgt Ion: 42 Resp: 70618

Ion Ratio Lower Upper

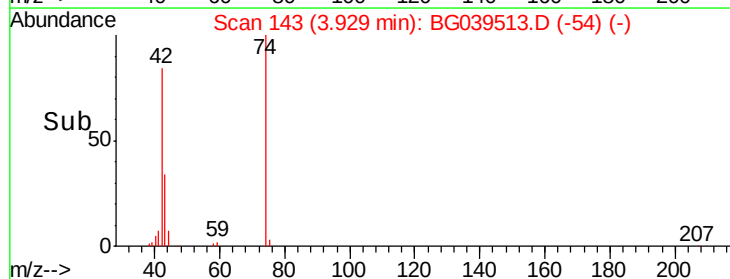
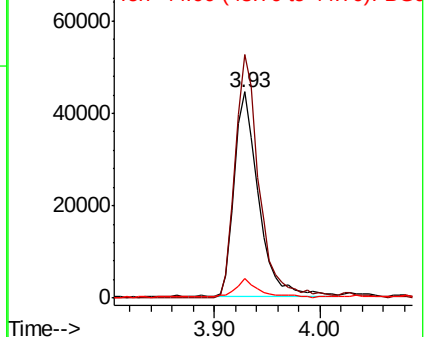
42 100

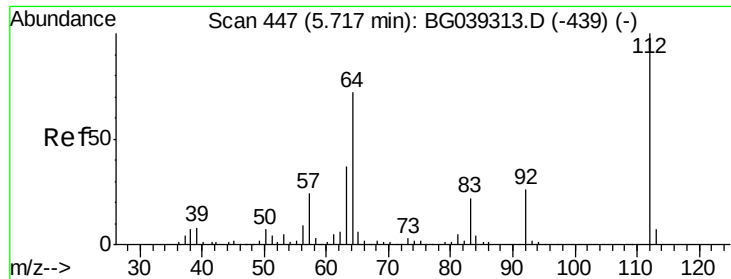
74 118.1 83.6 125.4

44 9.3 6.9 10.3



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: 152.871 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

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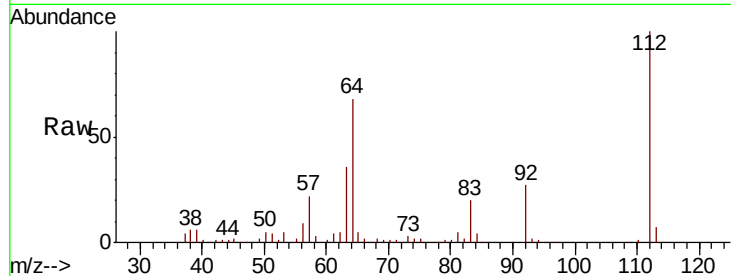
Tgt Ion: 112 Resp: 451555

Ion Ratio Lower Upper

112 100

64 67.5 57.8 86.8

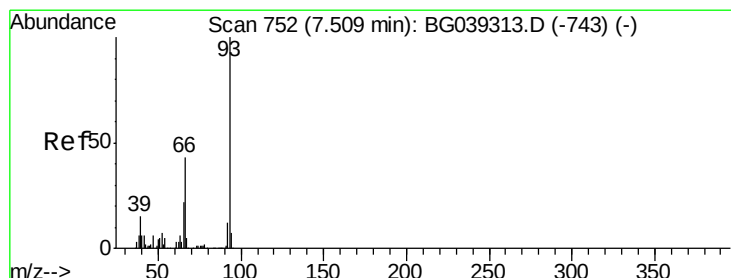
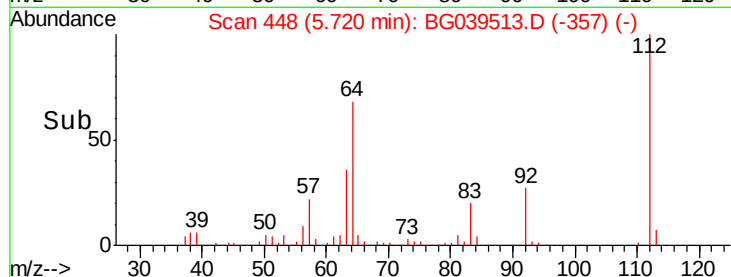
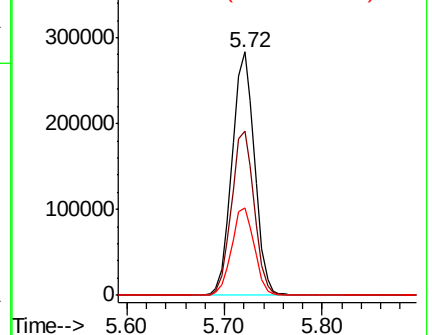
63 36.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.892 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039513.D

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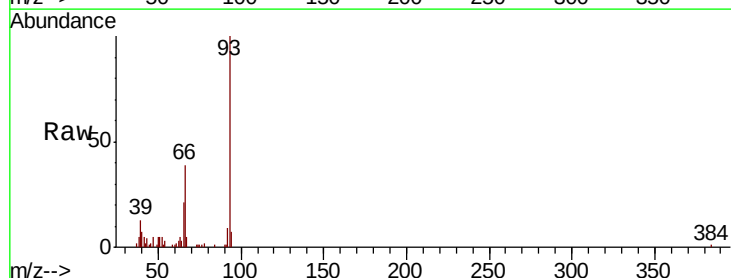
Tgt Ion: 93 Resp: 48426

Ion Ratio Lower Upper

93 100

66 38.6 34.2 51.4

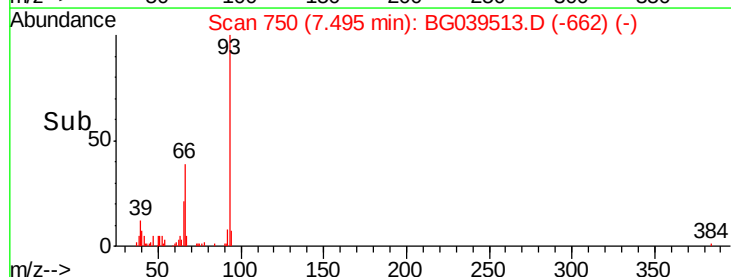
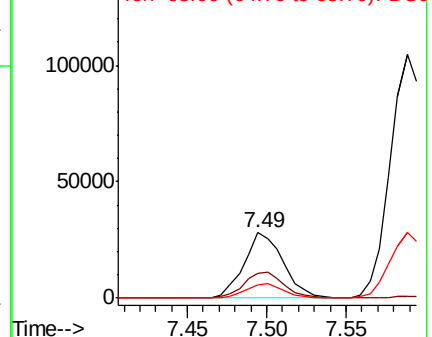
65 20.5 17.7 26.5

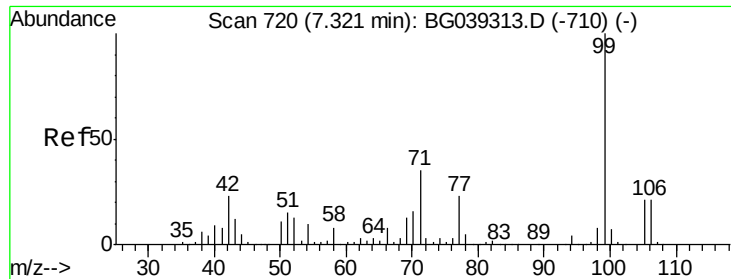


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.849 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

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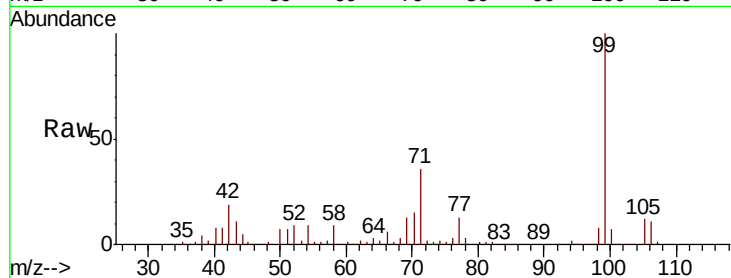
Tgt Ion: 99 Resp: 595014

Ion Ratio Lower Upper

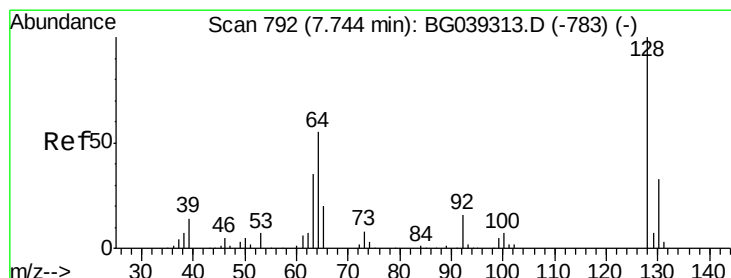
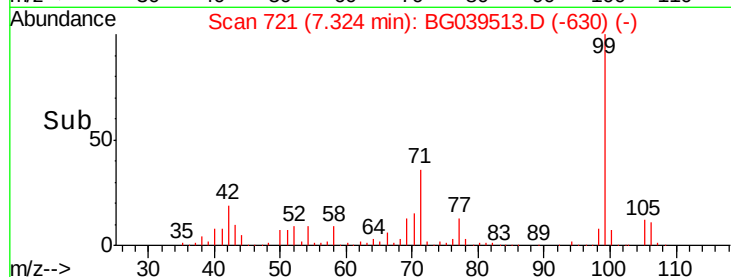
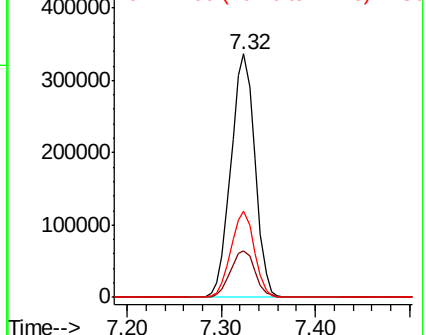
99 100

42 19.3 18.2 27.2

71 35.6 28.0 42.0



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: 54.040 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

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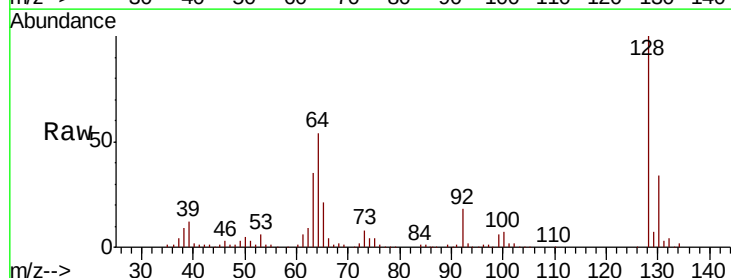
Tgt Ion: 128 Resp: 174486

Ion Ratio Lower Upper

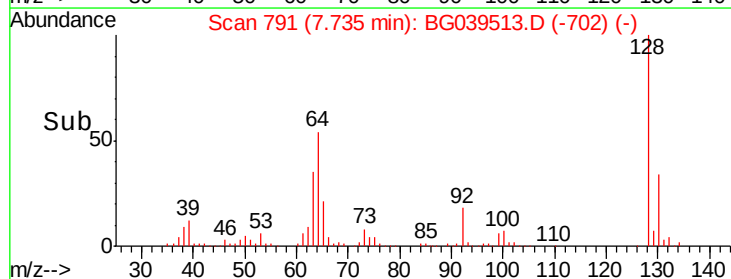
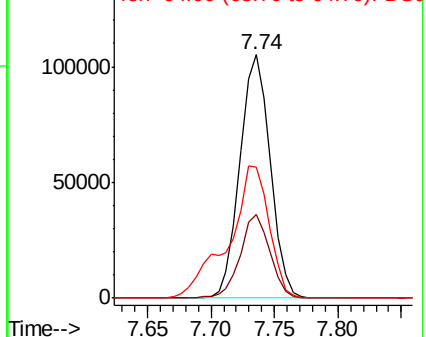
128 100

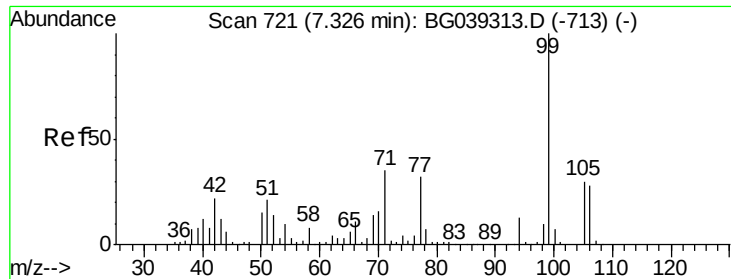
130 34.5 12.9 52.9

64 53.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 86.249 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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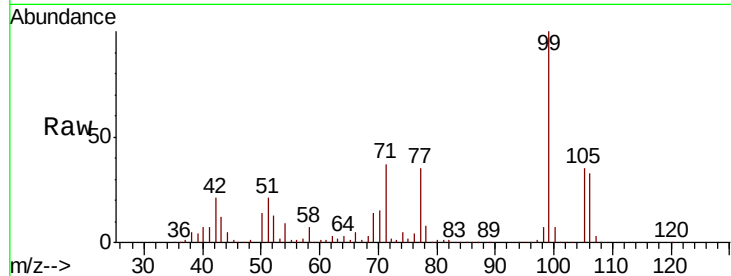
Tgt Ion: 77 Resp: 132222

Ion Ratio Lower Upper

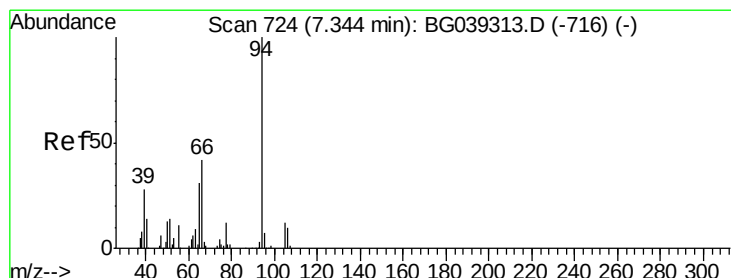
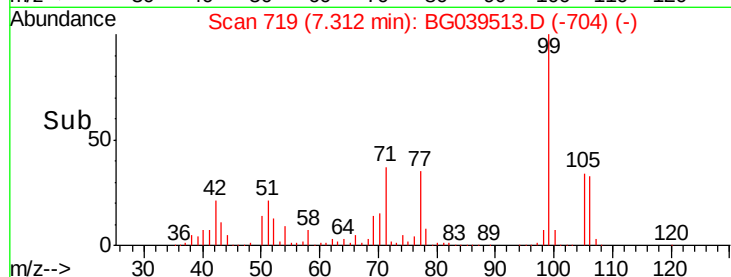
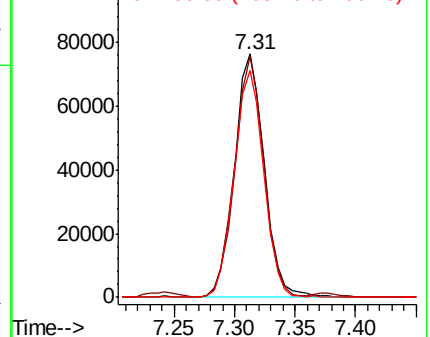
77 100

105 98.8 74.5 114.5

106 93.2 68.0 108.0



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: 42.594 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

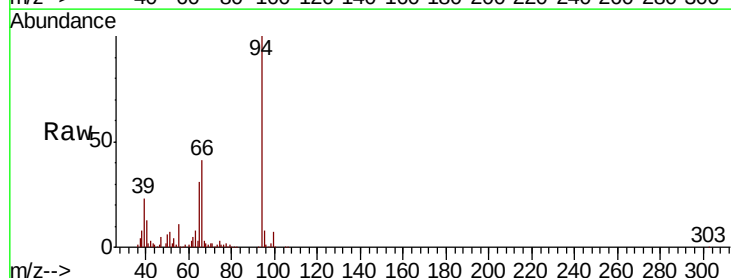
Tgt Ion: 94 Resp: 193053

Ion Ratio Lower Upper

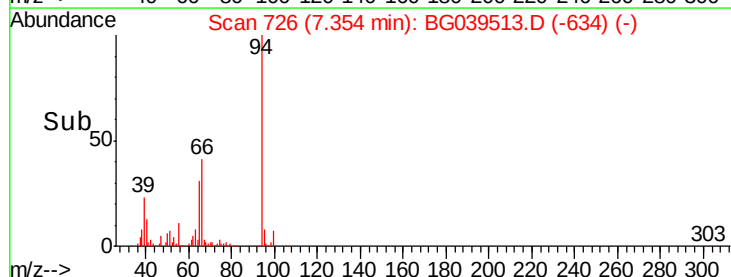
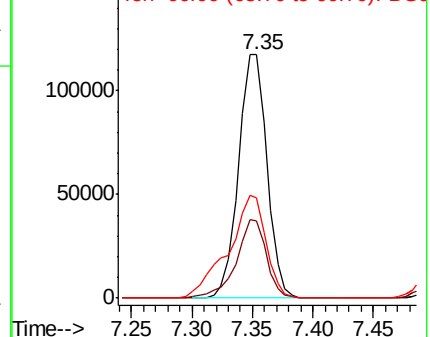
94 100

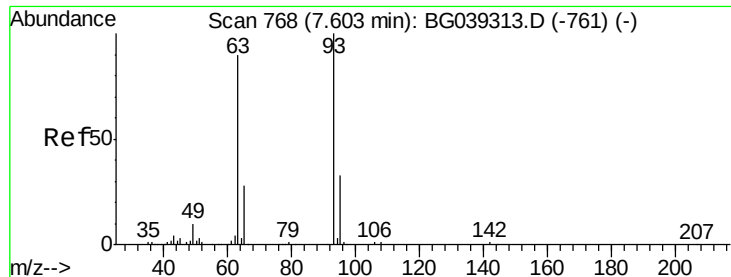
65 31.5 11.7 51.7

66 40.9 23.7 63.7



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: 46.400 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

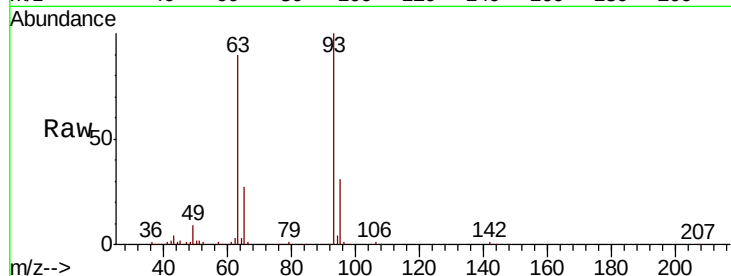
Tgt Ion: 93 Resp: 166178

Ion Ratio Lower Upper

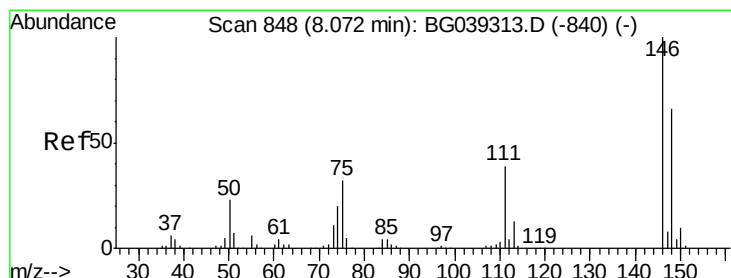
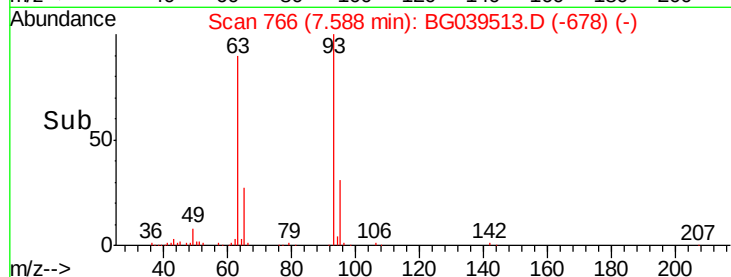
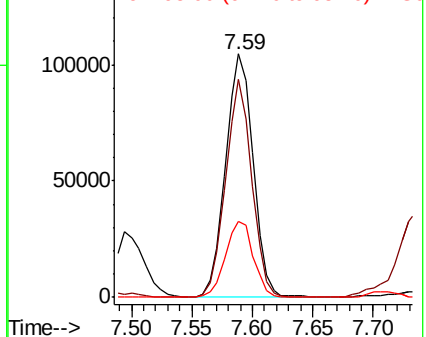
93 100

63 89.7 69.5 109.5

95 31.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 45.186 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

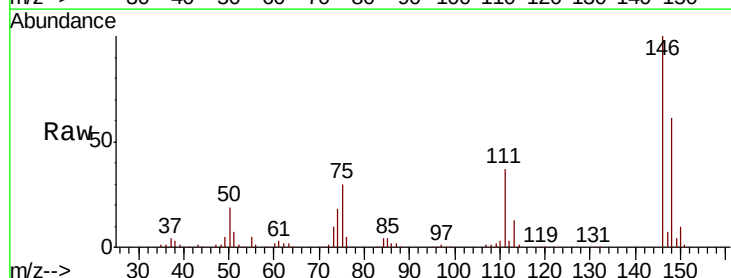
Tgt Ion: 146 Resp: 176742

Ion Ratio Lower Upper

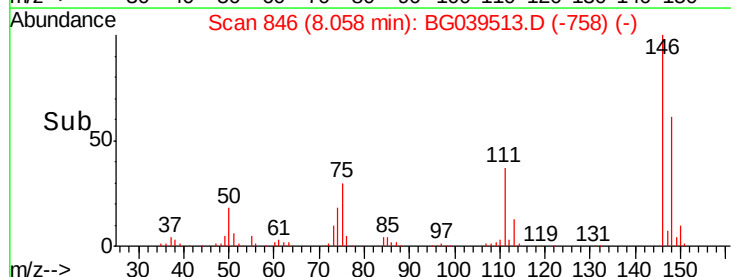
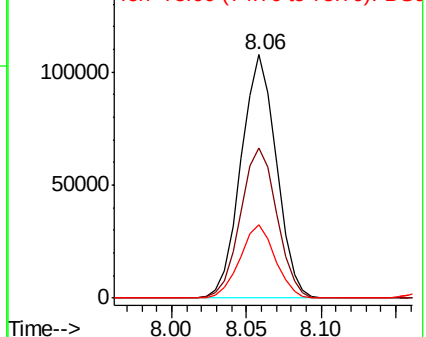
146 100

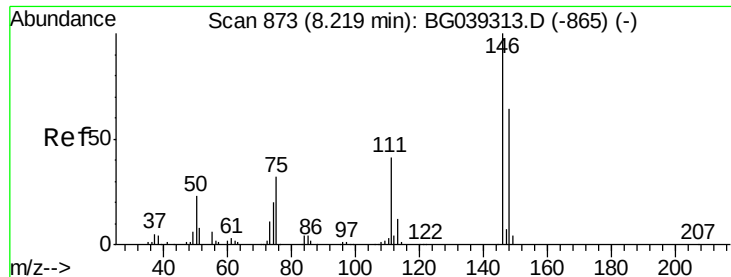
148 61.5 52.6 79.0

75 30.3 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

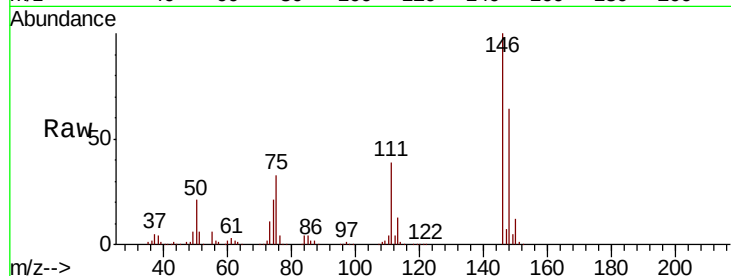




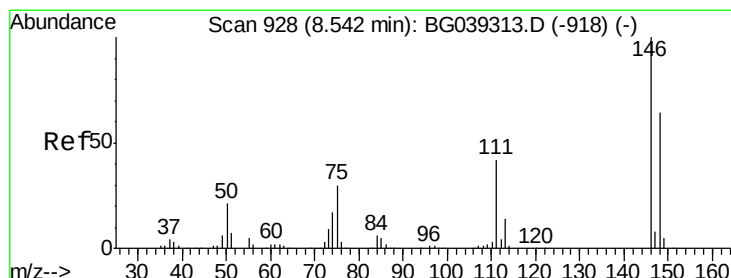
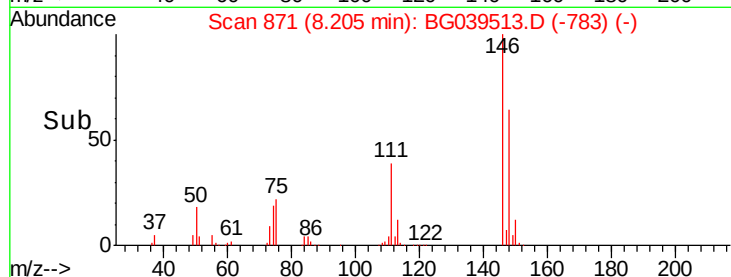
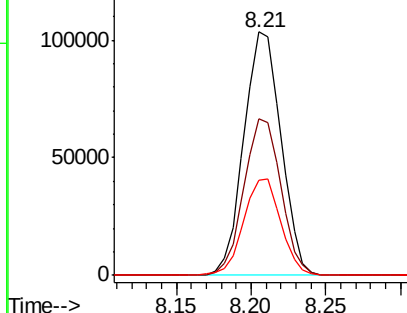
#13
 1,4-Dichlorobenzene
 Concen: 45.718 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion:146 Resp: 178238
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 39.2 32.6 48.8

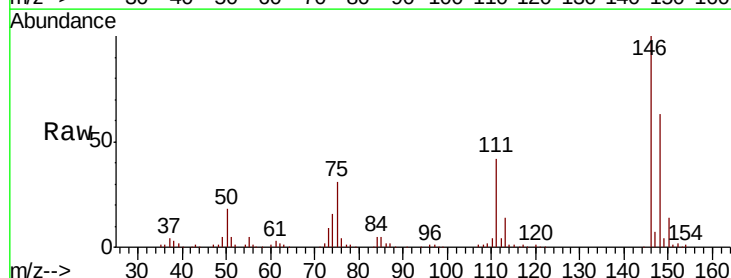


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

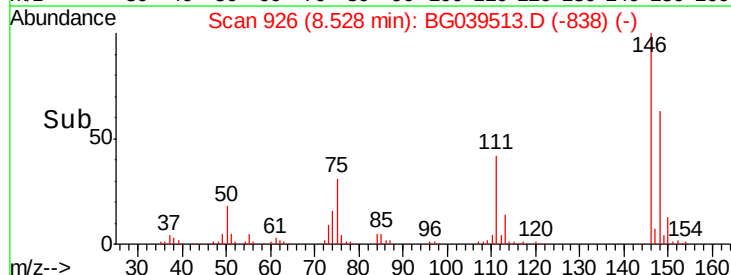
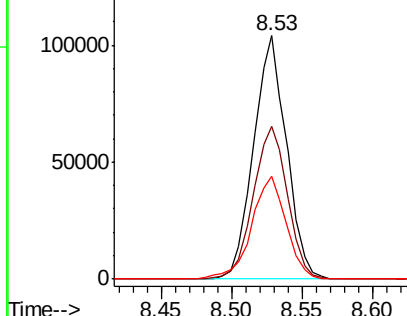


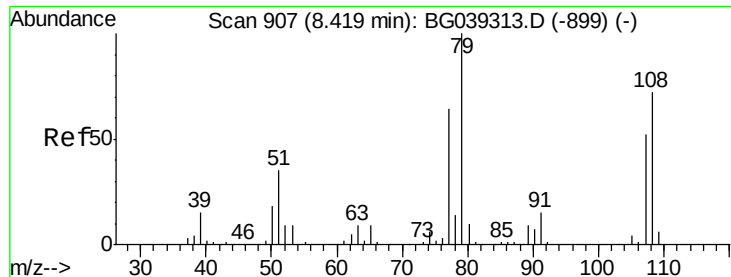
#14
 1,2-Dichlorobenzene
 Concen: 45.151 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:146 Resp: 170407
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 42.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 51.407 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

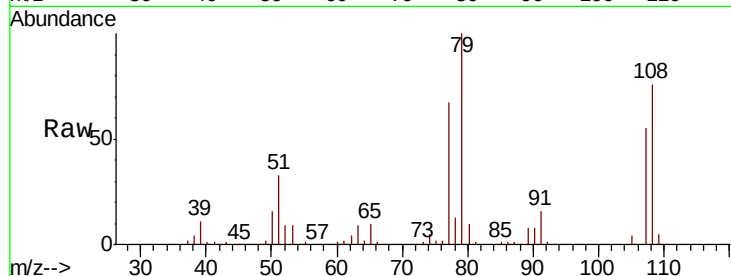
Tgt Ion: 79 Resp: 175478

Ion Ratio Lower Upper

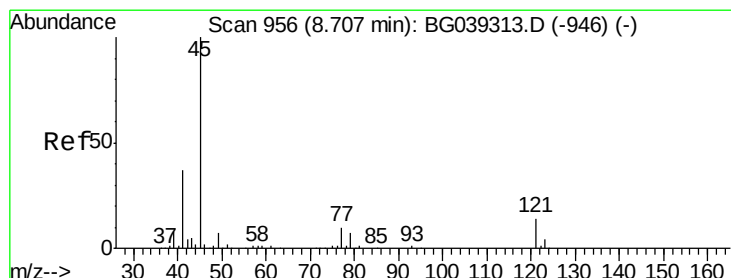
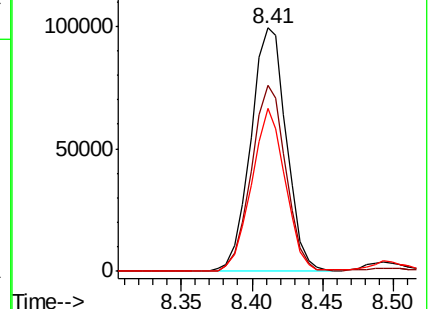
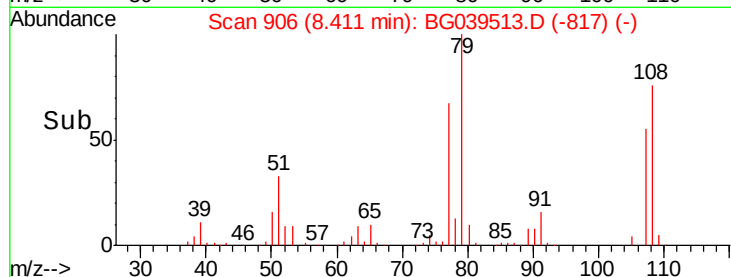
79 100

108 76.4 57.8 86.6

77 66.8 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.632 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

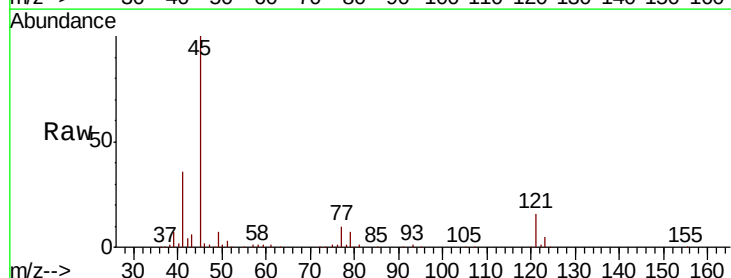
Tgt Ion: 45 Resp: 312449

Ion Ratio Lower Upper

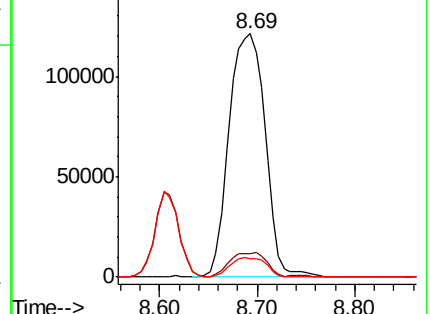
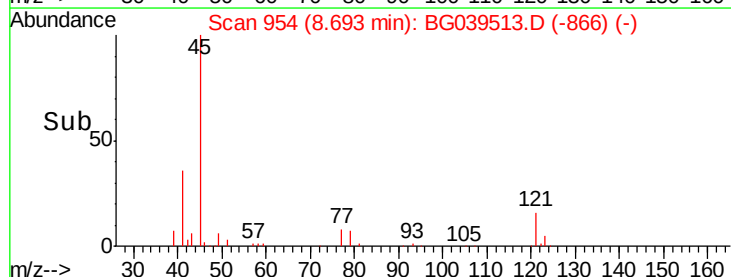
45 100

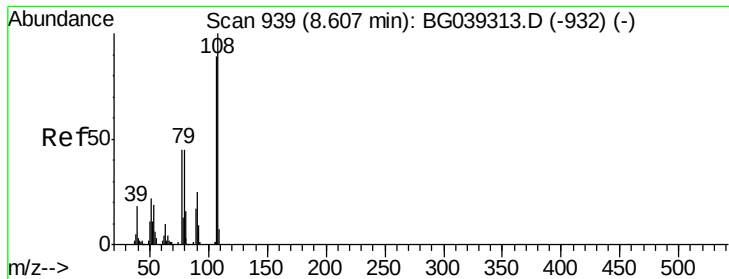
77 9.5 0.0 30.0

79 7.5 0.0 27.5



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: 52.528 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

Tgt Ion:107 Resp: 154066

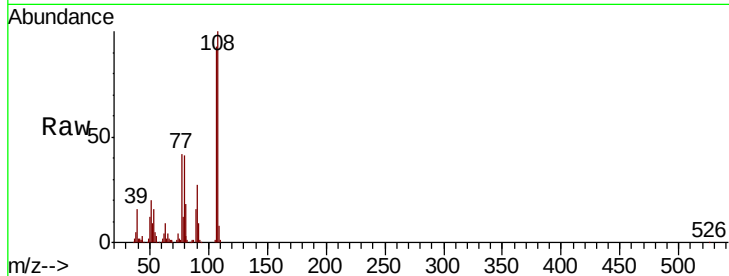
Ion Ratio Lower Upper

107 100

108 107.7 90.8 136.2

77 45.2 40.7 61.1

79 44.0 40.6 60.8

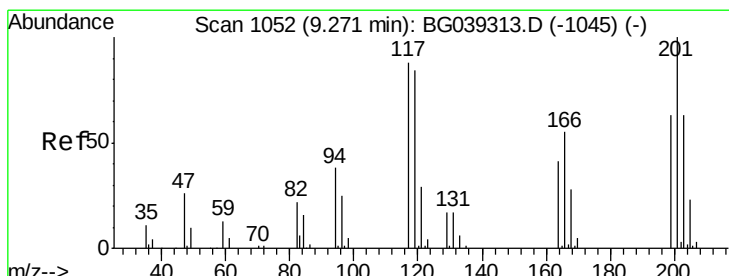
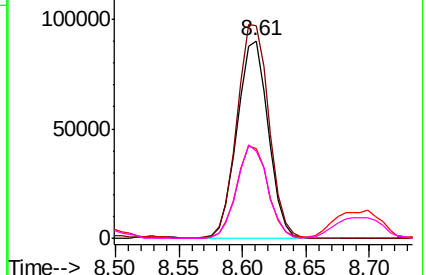
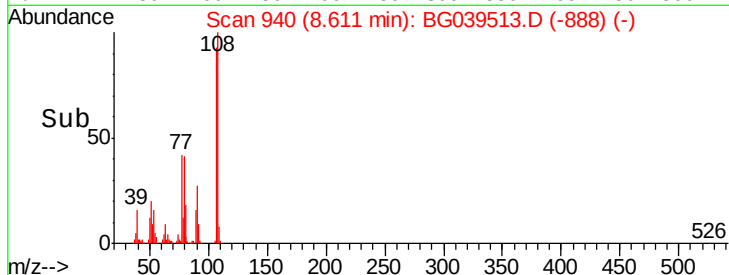


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 46.924 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

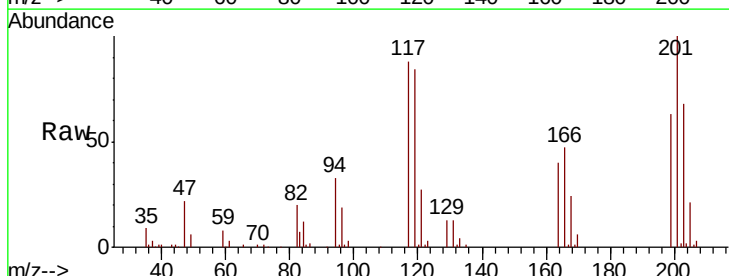
Tgt Ion:117 Resp: 62939

Ion Ratio Lower Upper

117 100

119 95.7 76.3 114.5

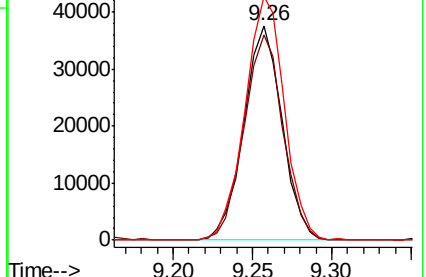
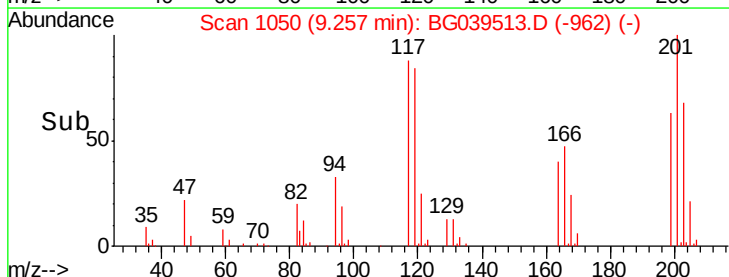
201 113.6 91.1 136.7

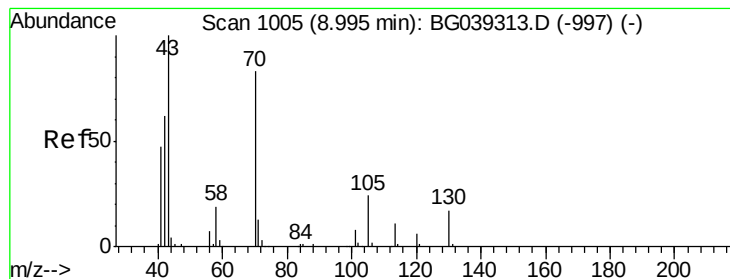


Abundance Ion 117.00 (116.70 to 117.70): E

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: 45.783 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

Tgt Ion: 70 Resp: 141286

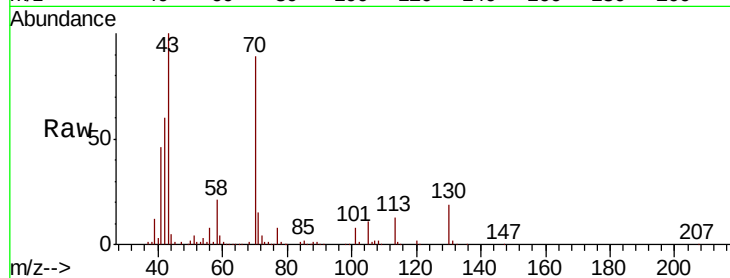
Ion Ratio Lower Upper

70 100

42 67.8 60.4 90.6

101 9.4 7.5 11.3

130 21.9 16.9 25.3



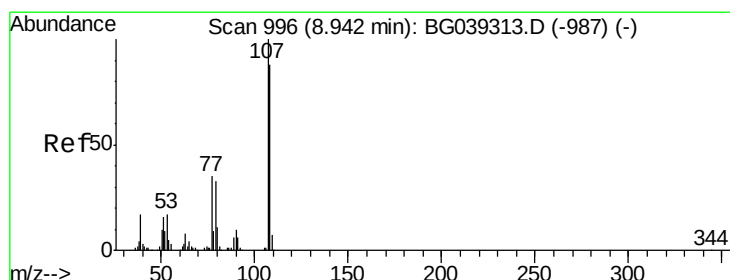
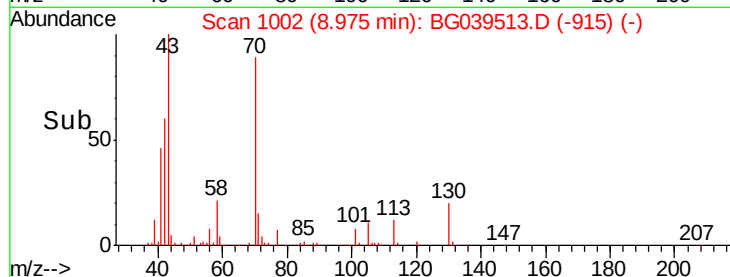
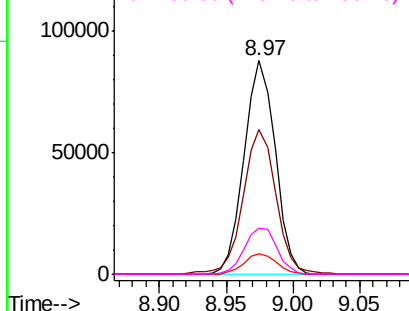
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 52.740 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Tgt Ion: 107 Resp: 213017

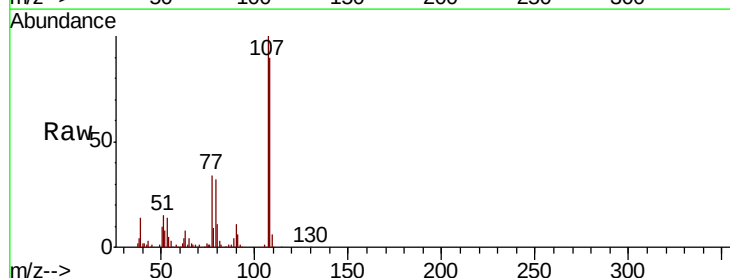
Ion Ratio Lower Upper

107 100

108 89.8 67.9 107.9

77 34.0 15.4 55.4

79 31.7 13.7 53.7



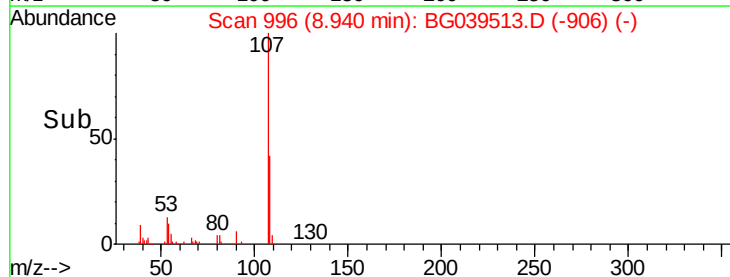
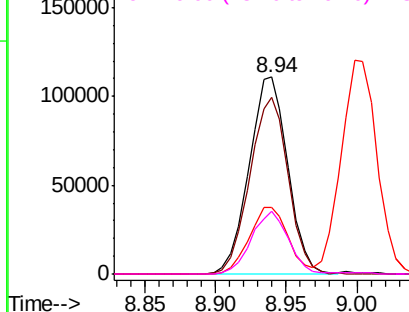
Abundance

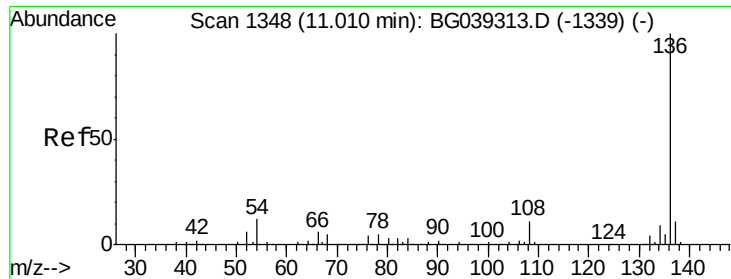
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

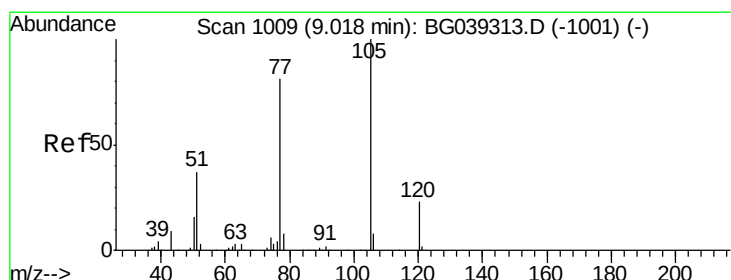
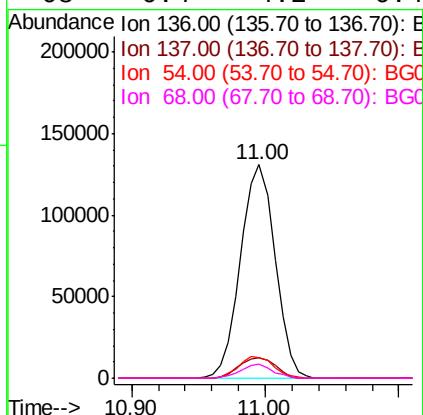
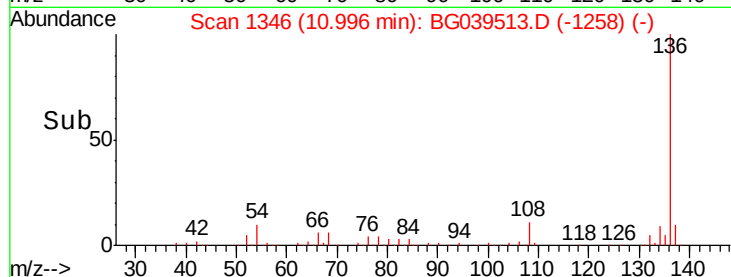
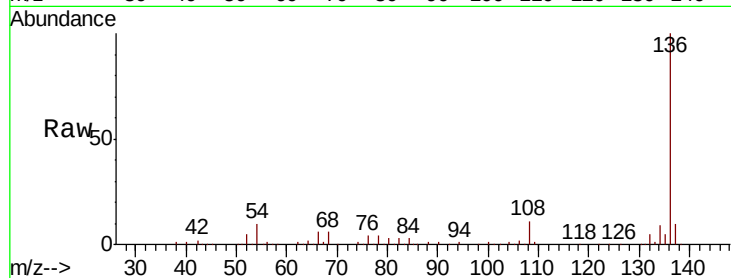




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

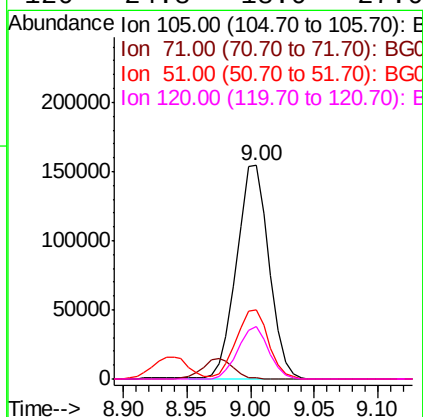
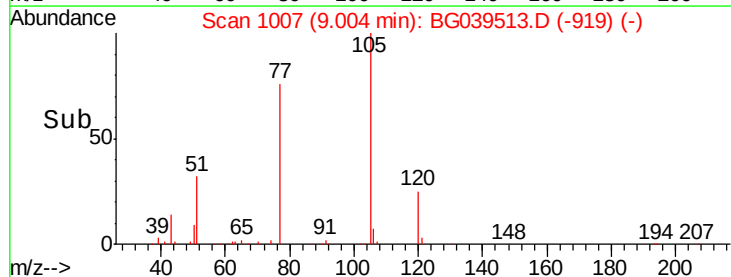
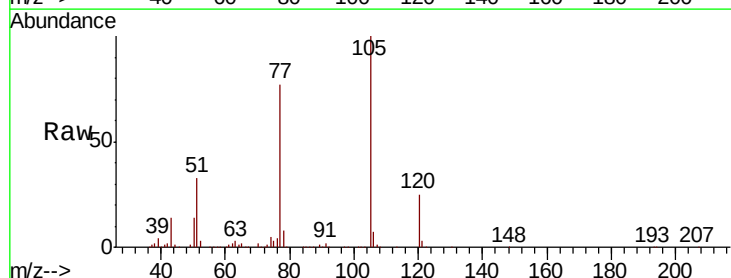
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

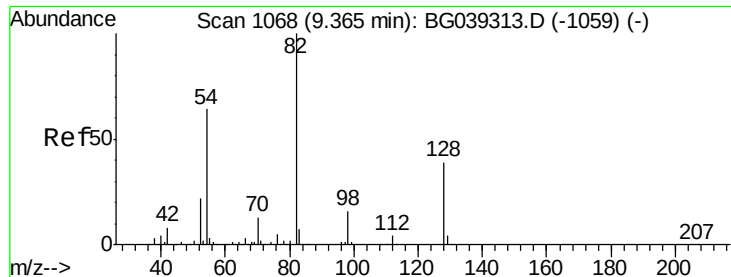
Tgt Ion:	136	Resp:	234992
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	9.9	9.4	14.2
68	6.4	4.2	6.4#



#22
Acetophenone
Concen: 43.422 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion:	105	Resp:	274089
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	32.6	30.2	45.2
120	24.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 119.972 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

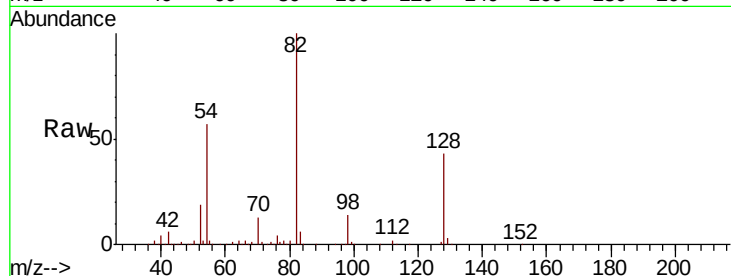
Tgt Ion: 82 Resp: 451285

Ion Ratio Lower Upper

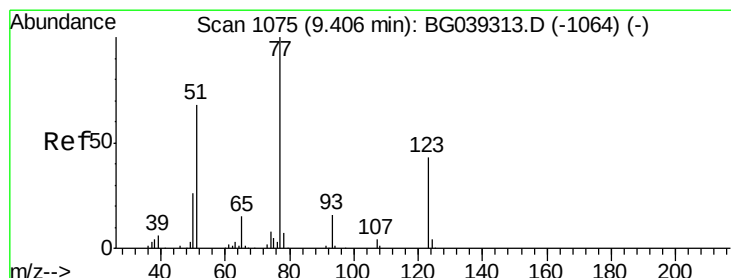
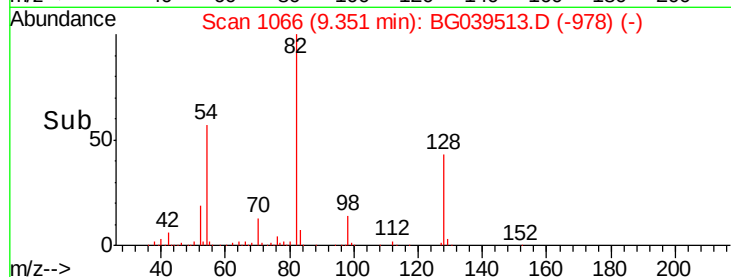
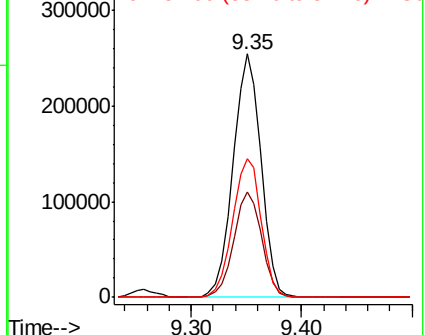
82 100

128 43.3 31.3 46.9

54 57.1 50.9 76.3



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



#24

Nitrobenzene

Concen: 52.245 ng

RT: 9.39 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

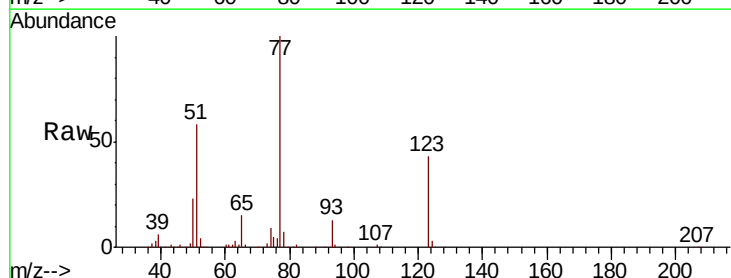
Tgt Ion: 77 Resp: 212312

Ion Ratio Lower Upper

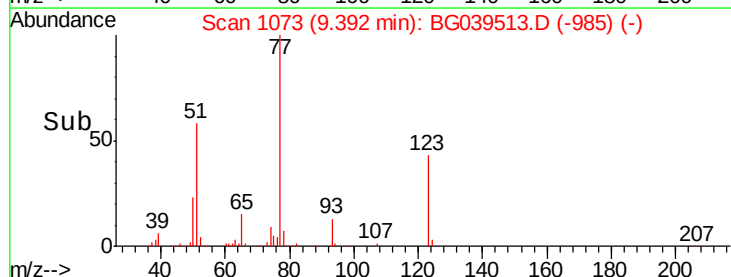
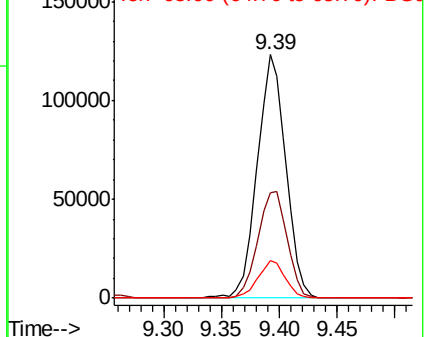
77 100

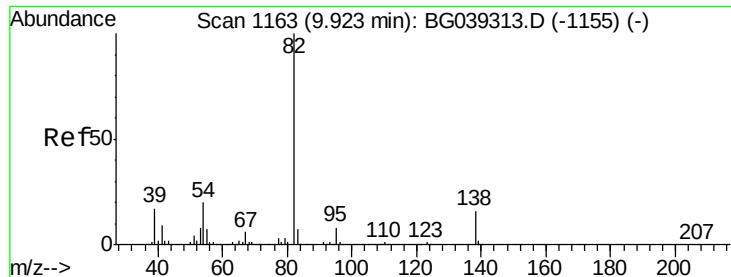
123 43.5 34.1 51.1

65 15.2 12.3 18.5



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

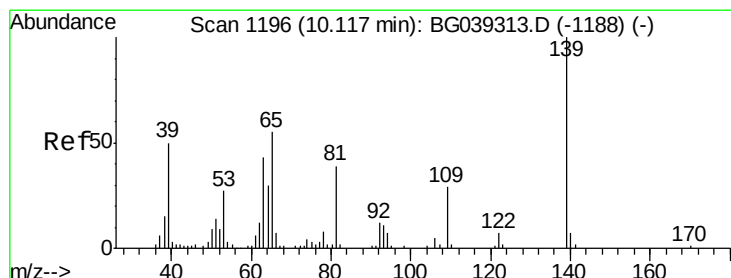
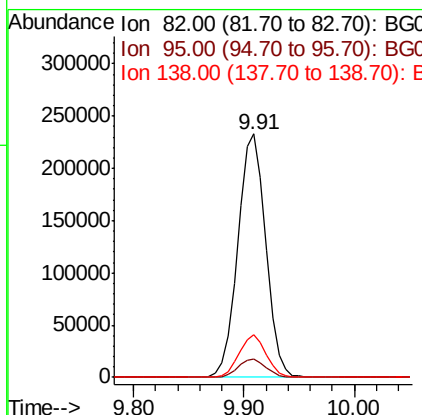
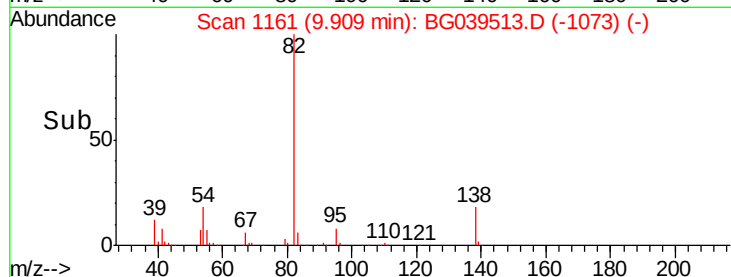
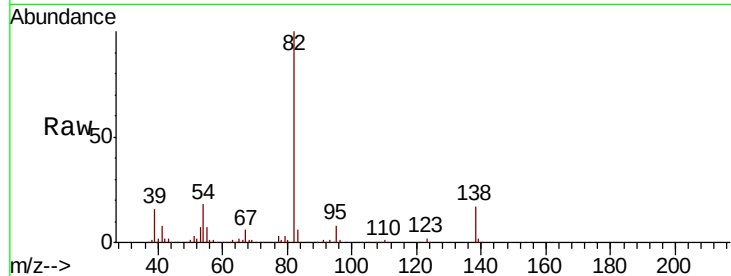




#25
Isophorone
Concen: 49.414 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

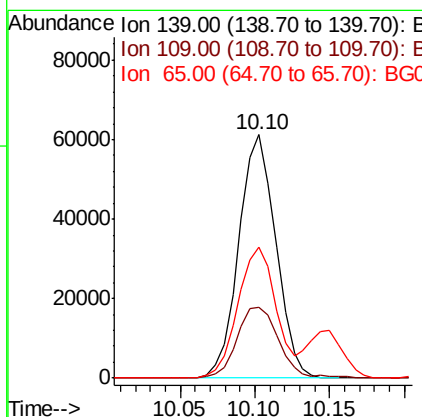
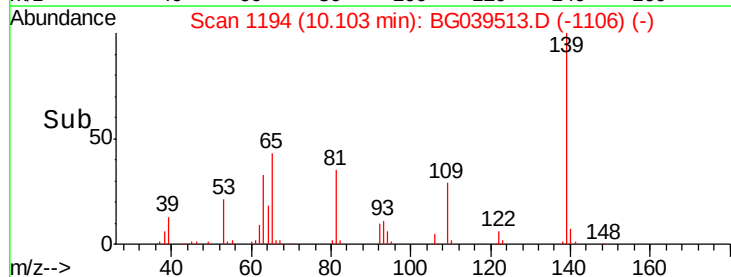
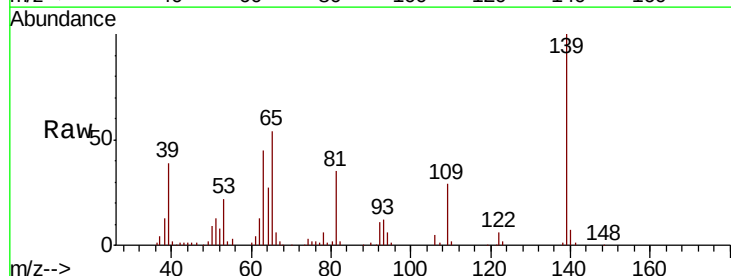
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

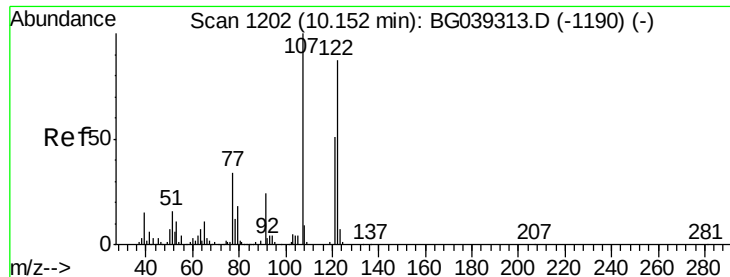
Tgt Ion: 82 Resp: 411897
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 17.5 13.0 19.4



#26
2-Nitrophenol
Concen: 60.758 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion: 139 Resp: 105095
Ion Ratio Lower Upper
139 100
109 28.9 23.4 35.0
65 54.1 44.3 66.5

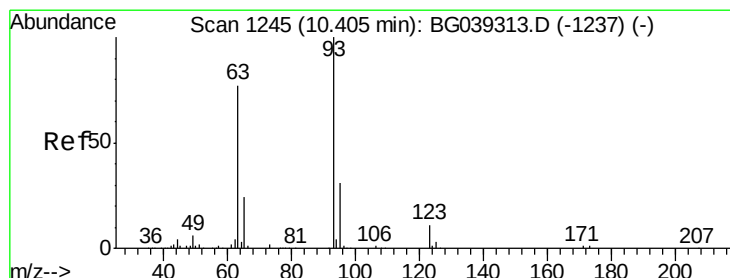
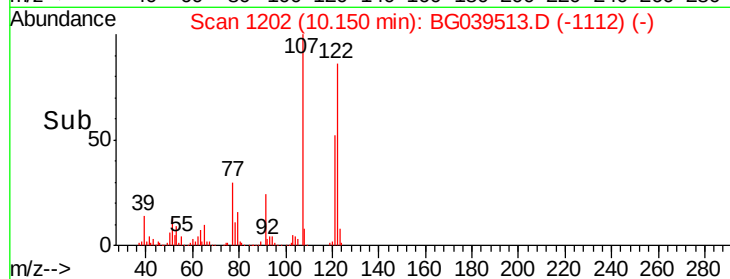
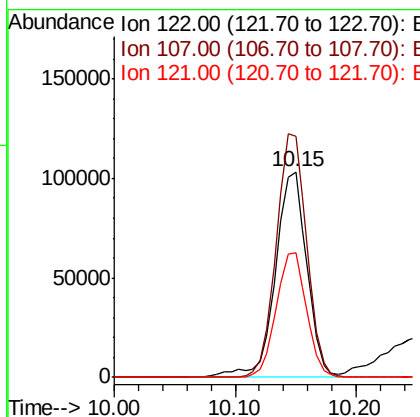
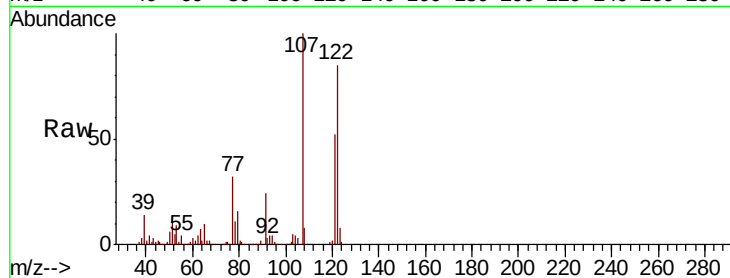




#27
 2,4-Dimethylphenol
 Concen: 54.817 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

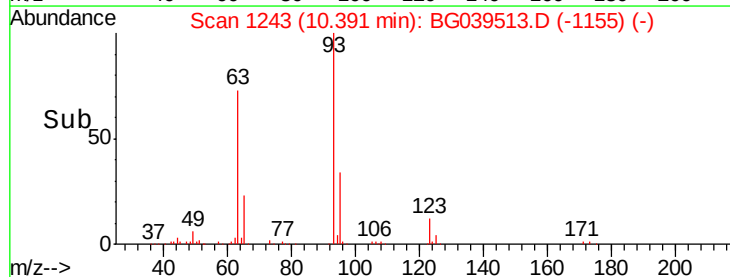
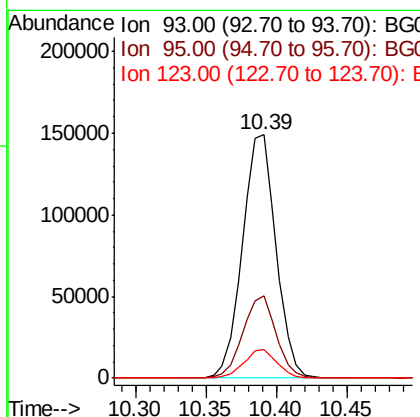
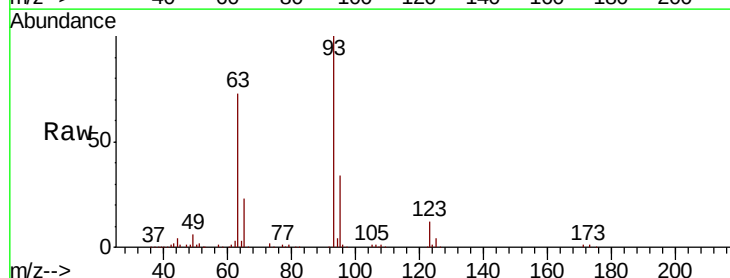
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

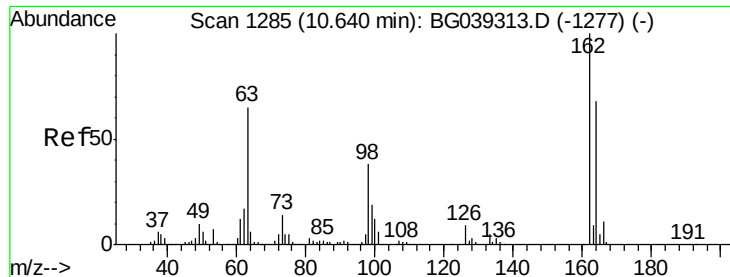
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.2	91.7	137.5
121	60.7	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.291 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.0	37.4
123	11.7	8.6	12.8

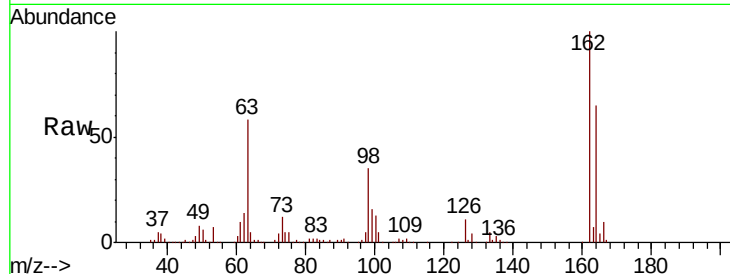




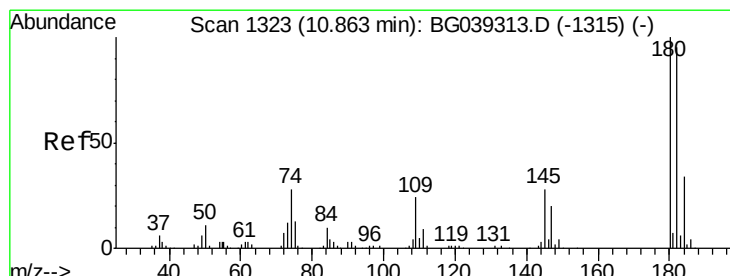
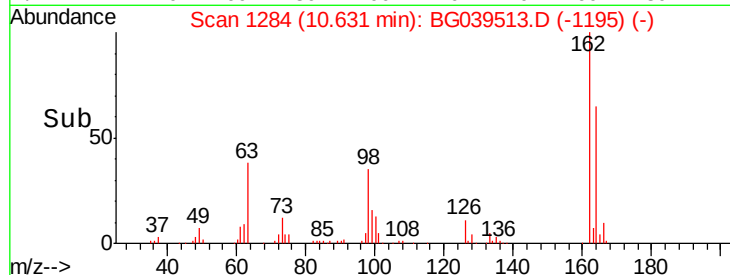
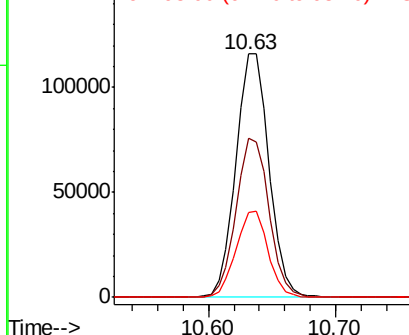
#29
 2,4-Dichlorophenol
 Concen: 56.997 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.1	88.1
98	34.6	18.1	58.1

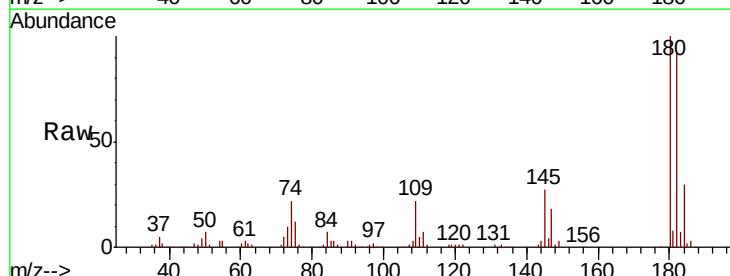


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

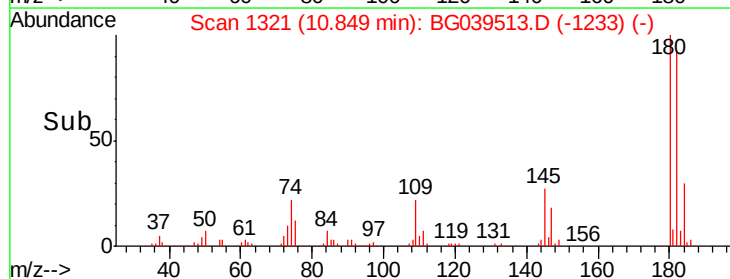
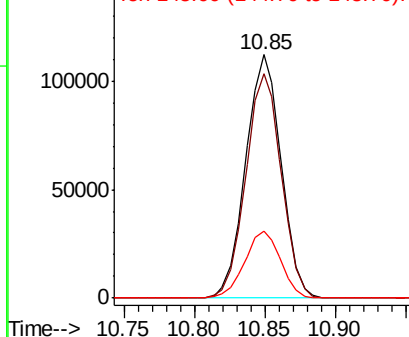


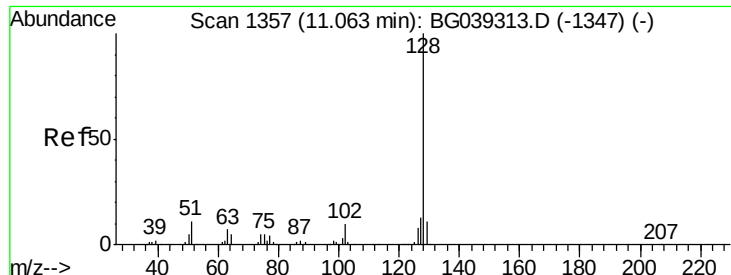
#30
 1,2,4-Trichlorobenzene
 Concen: 47.567 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.0	114.0
145	27.4	22.7	34.1



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

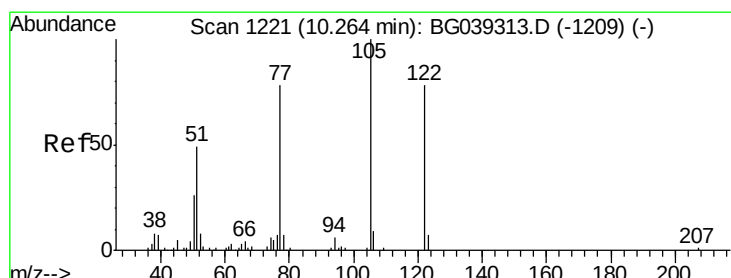
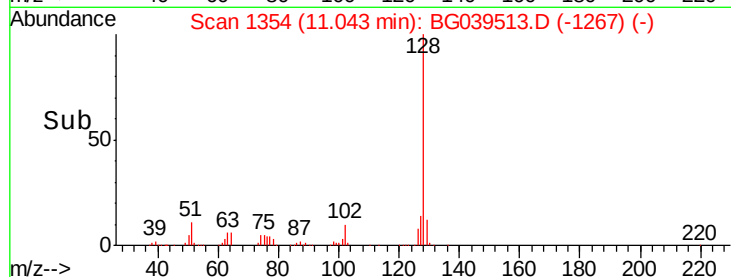
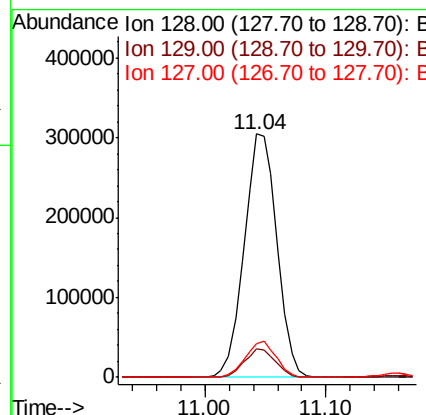
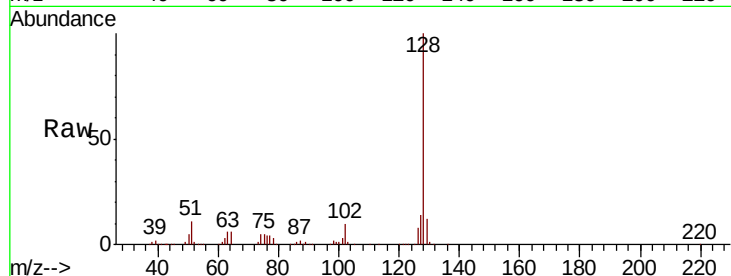




#31
Naphthalene
Concen: 49.149 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

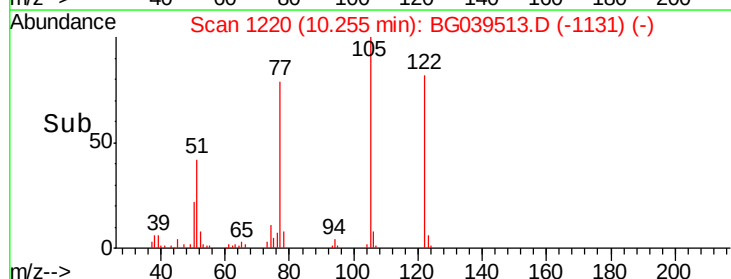
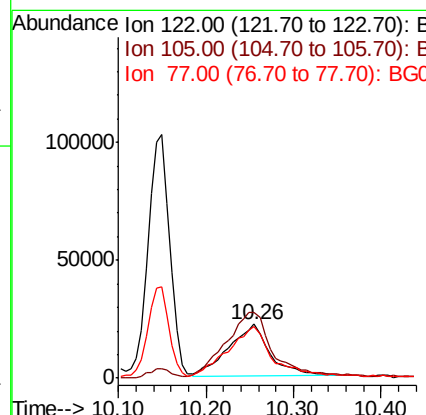
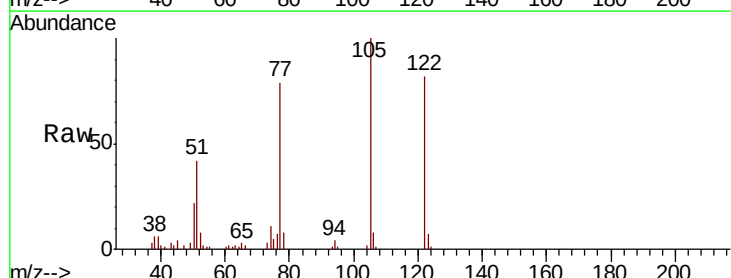
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

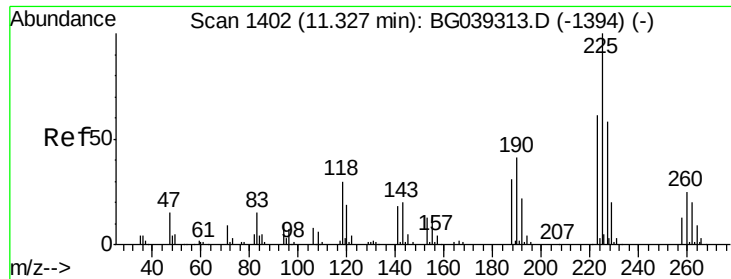
Tgt Ion:128 Resp: 572969
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 35.686 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion:122 Resp: 72505
Ion Ratio Lower Upper
122 100
105 121.8 101.8 141.8
77 96.4 76.3 116.3





#34

Hexachlorobutadiene

Concen: 43.978 ng

RT: 11.31 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

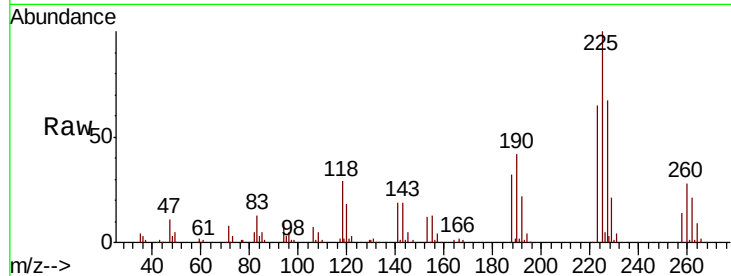
Tgt Ion: 225 Resp: 121010

Ion Ratio Lower Upper

225 100

223 64.6 49.0 73.6

227 66.8 46.3 69.5

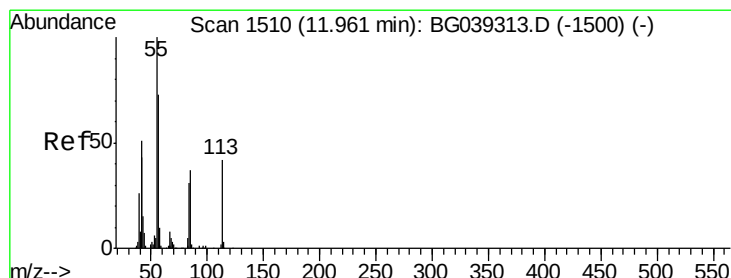
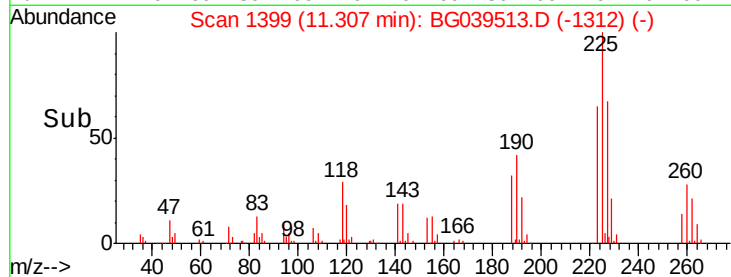
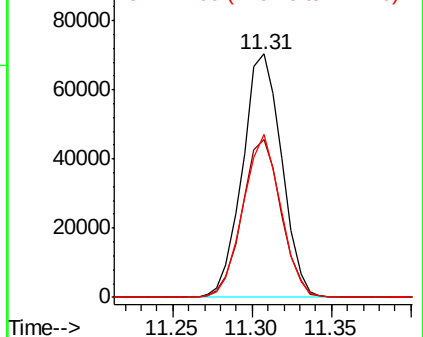


Abundance

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: 29.664 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

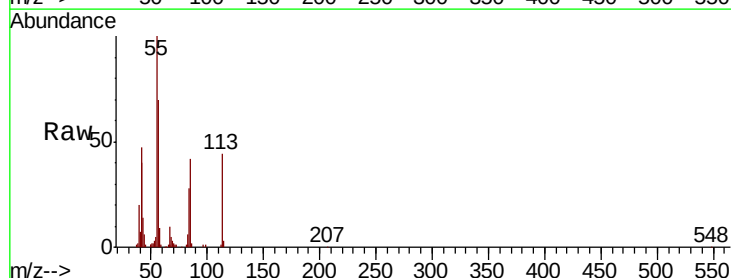
Tgt Ion: 113 Resp: 45238

Ion Ratio Lower Upper

113 100

55 225.2 216.9 256.9

56 156.6 152.6 192.6

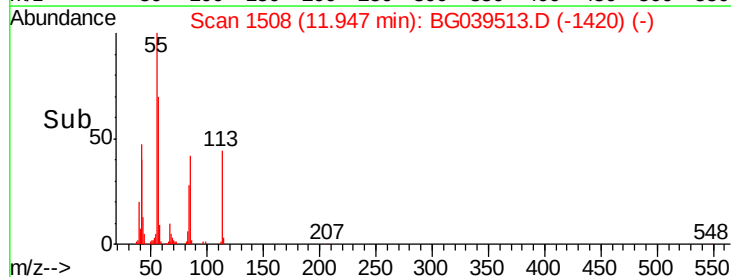
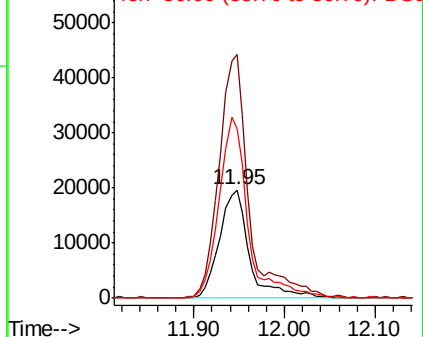


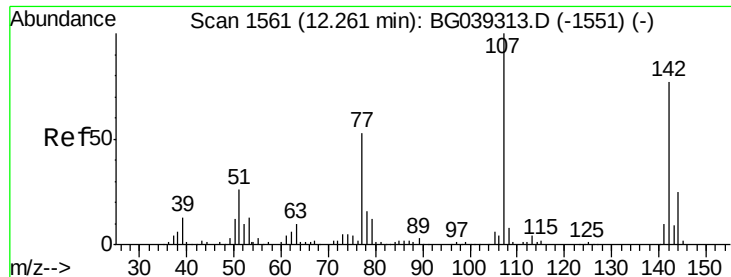
Abundance

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

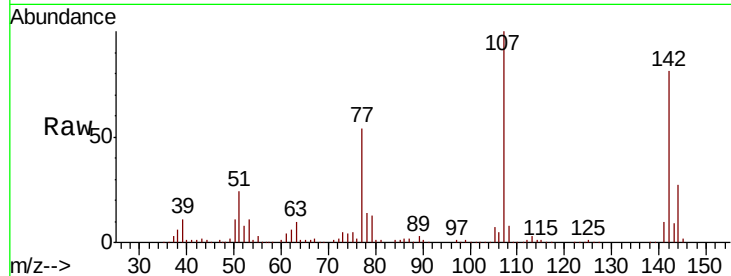




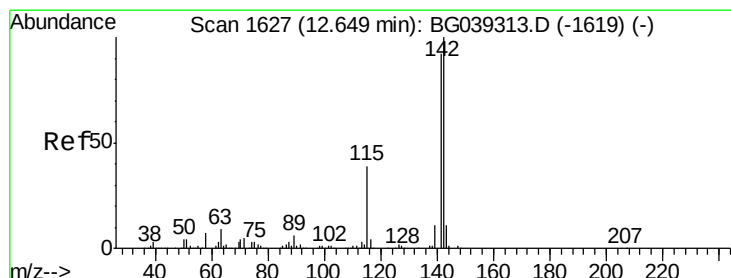
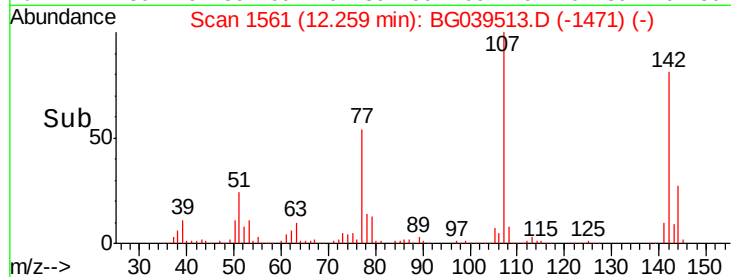
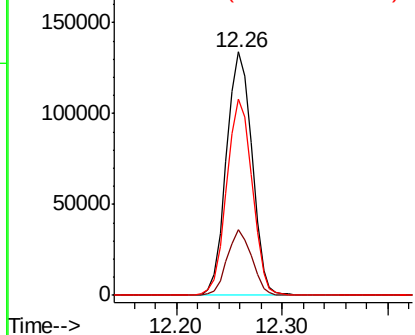
#36
 4-Chloro-3-methylphenol
 Concen: 52.705 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion:107 Resp: 224632
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.2 30.2
 142 80.8 61.4 92.2

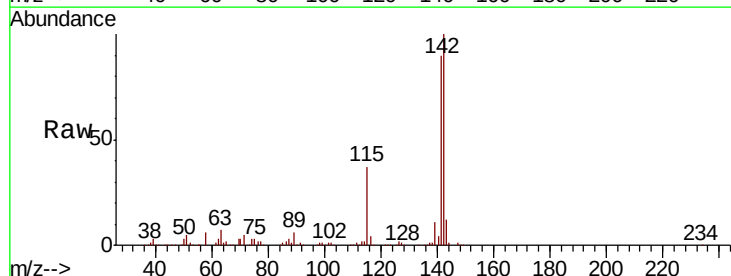


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

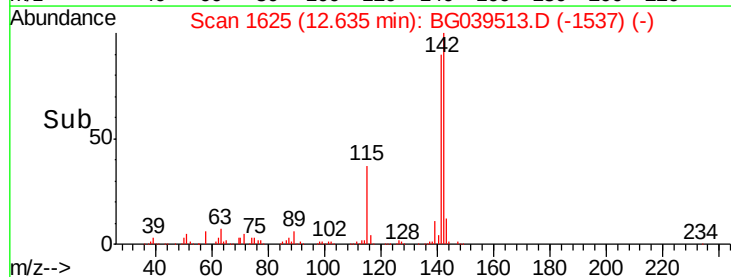
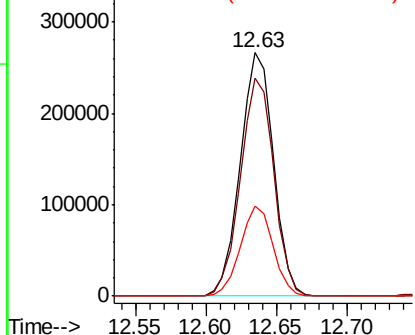


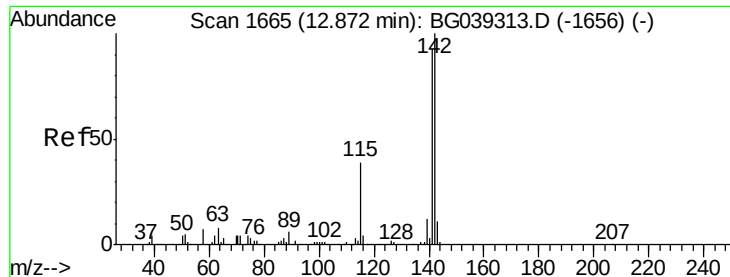
#37
 2-Methylnaphthalene
 Concen: 50.826 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:142 Resp: 438849
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.5 110.3
 115 36.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

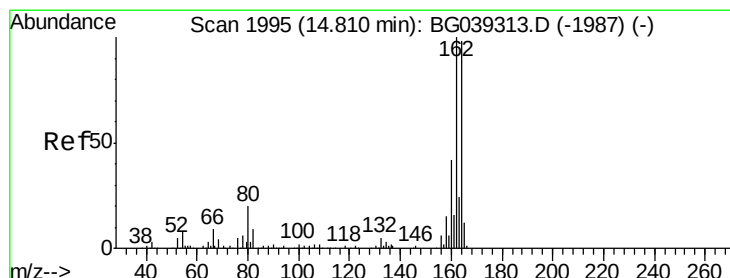
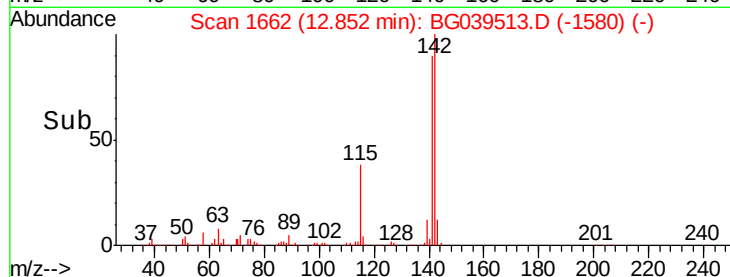
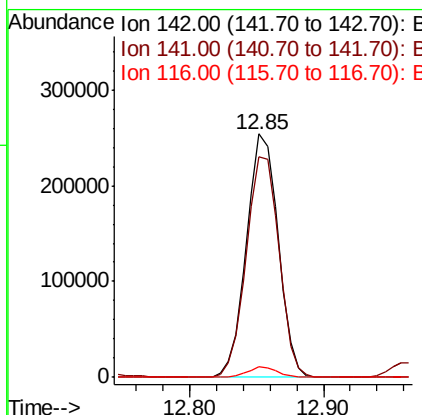
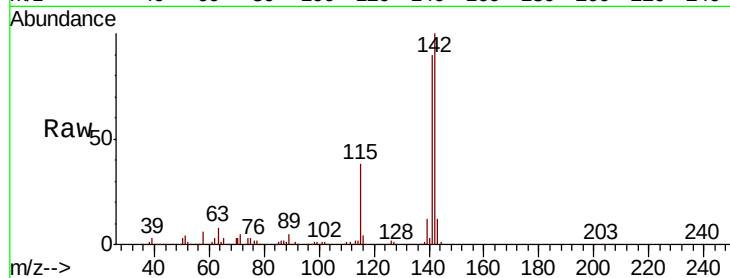




#38
 1-Methylnaphthalene
 Concen: 50.053 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

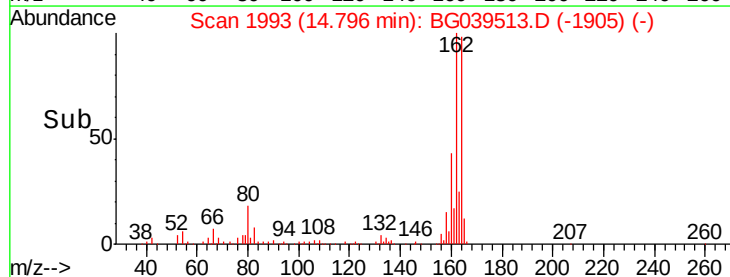
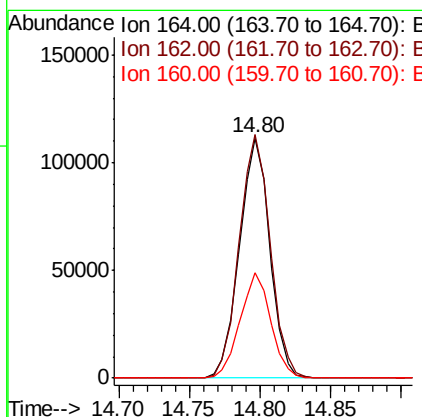
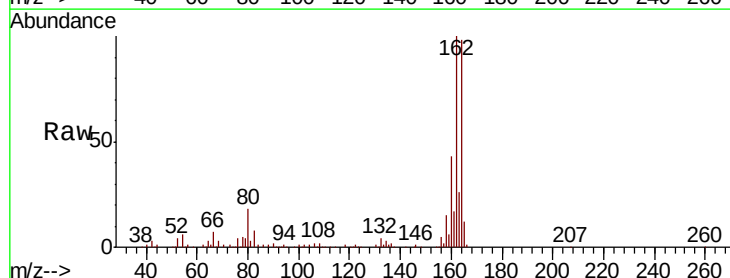
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

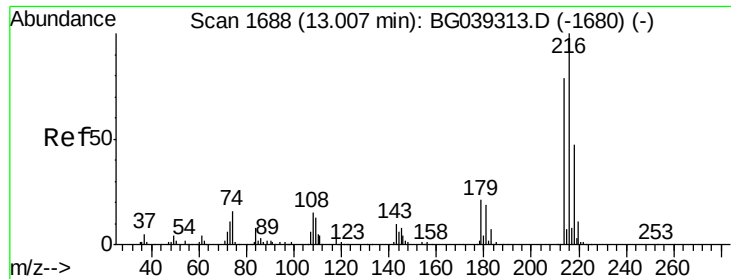
Tgt Ion:142 Resp: 416596
 Ion Ratio Lower Upper
 142 100
 141 90.4 74.2 111.4
 116 4.2 3.0 4.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:164 Resp: 166543
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.6 122.4
 160 44.0 34.2 51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.522 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

Tgt Ion:216 Resp: 241218

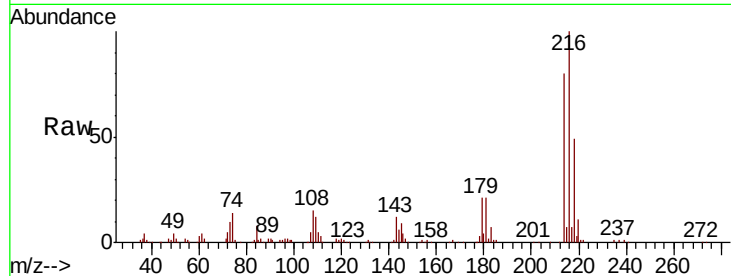
Ion Ratio Lower Upper

216 100

214 80.6 62.6 94.0

179 20.9 16.6 25.0

108 17.2 14.0 21.0

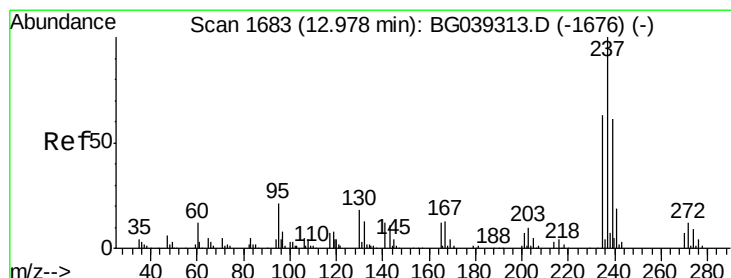
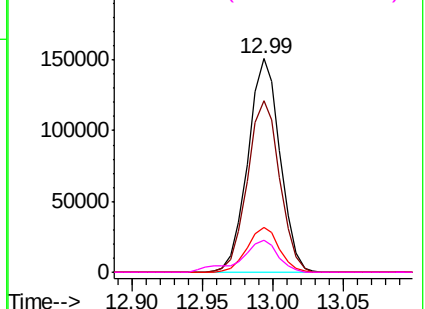
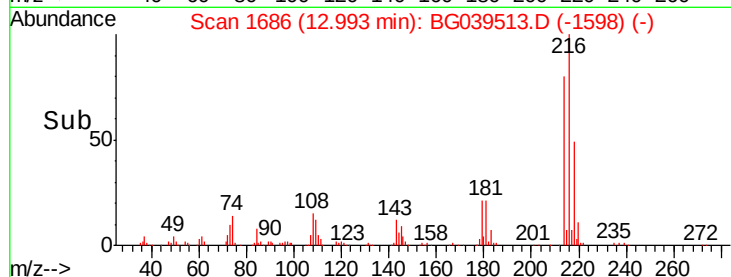


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.260 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

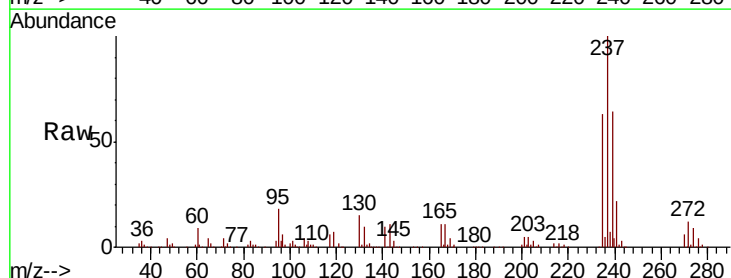
Tgt Ion:237 Resp: 234635

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

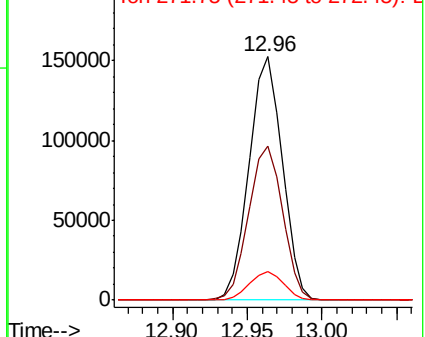
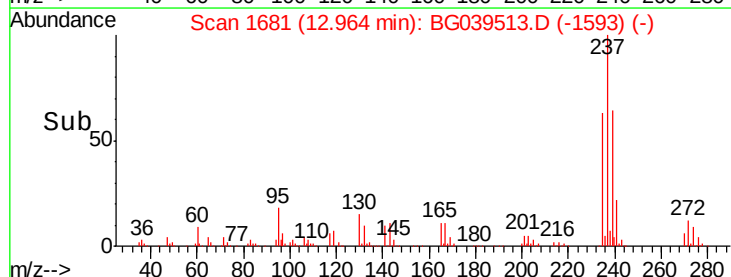
272 11.7 0.0 32.3

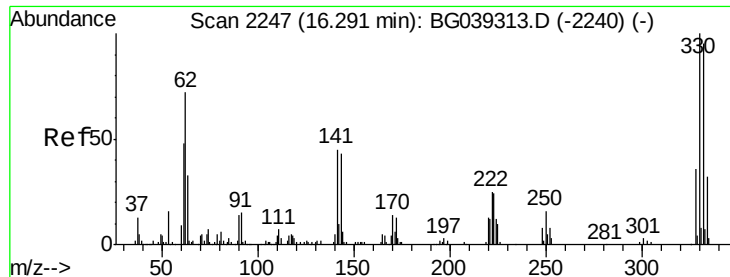


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

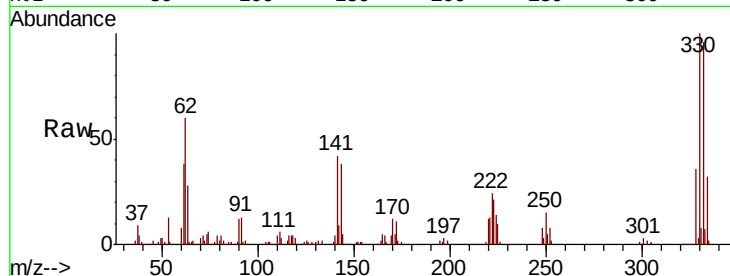




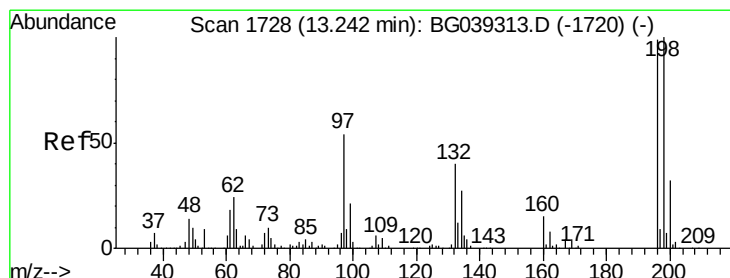
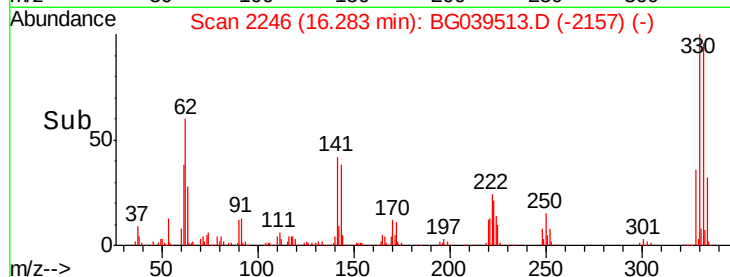
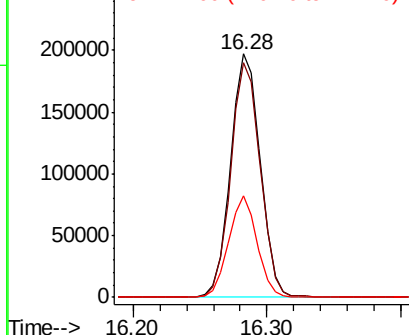
#42
 2,4,6-Tribromophenol
 Concen: 170.467 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion:330 Resp: 305713
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 40.3 35.6 53.4

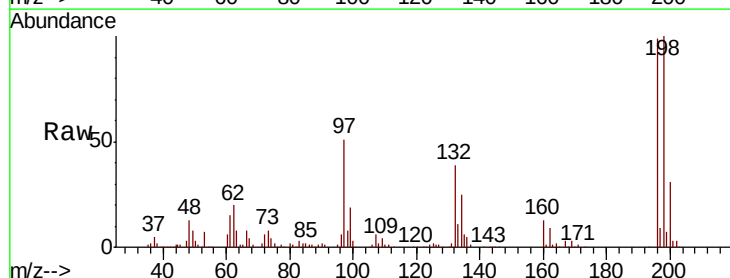


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

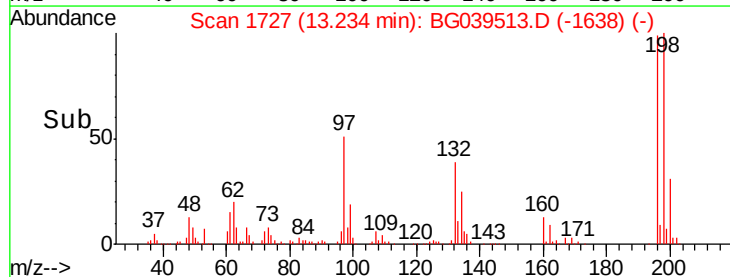
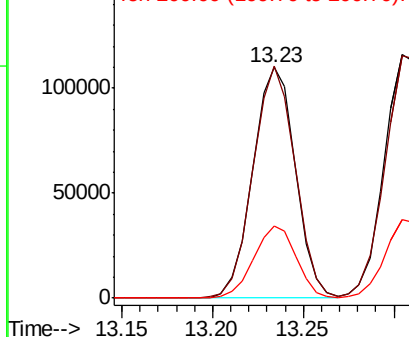


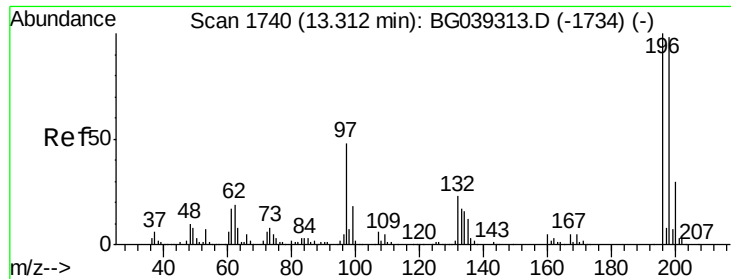
#43
 2,4,6-Trichlorophenol
 Concen: 54.917 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:196 Resp: 178922
 Ion Ratio Lower Upper
 196 100
 198 100.7 80.6 121.0
 200 31.4 26.1 39.1



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

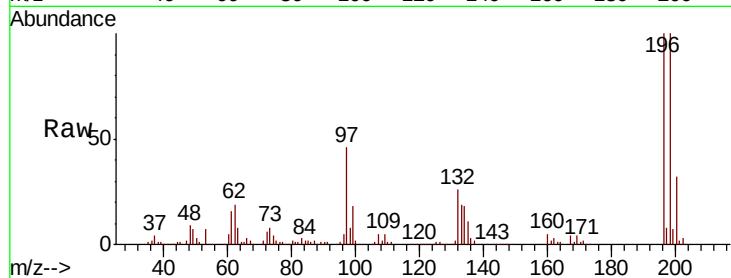




#44
 2,4,5-Trichlorophenol
 Concen: 56.926 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.5	117.7
97	46.1	38.4	57.6
132	26.4	19.2	28.8



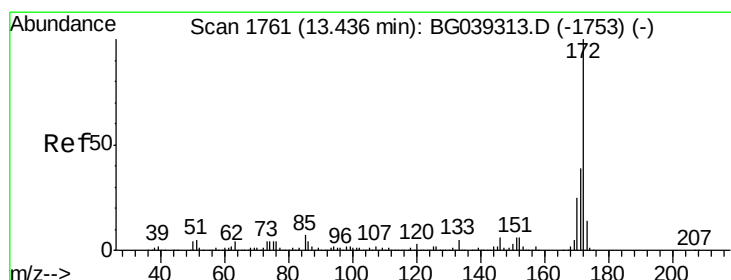
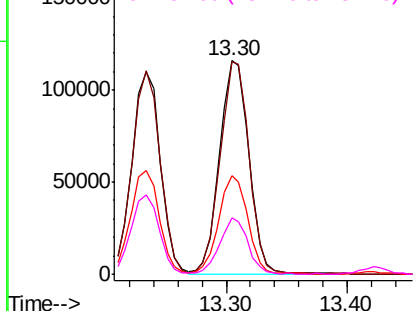
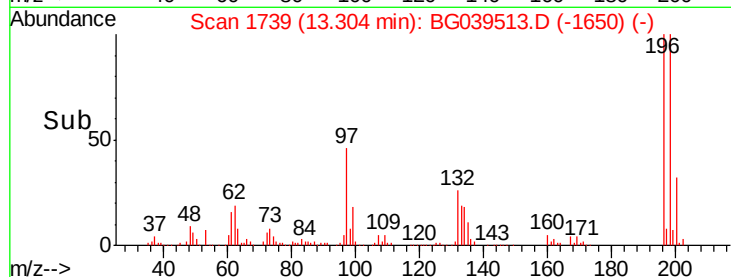
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

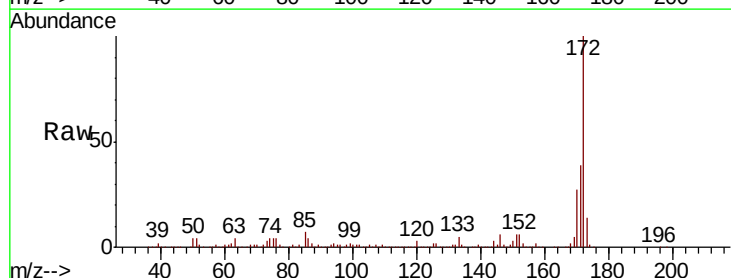
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.471 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.8	46.2
170	26.7	20.2	30.4

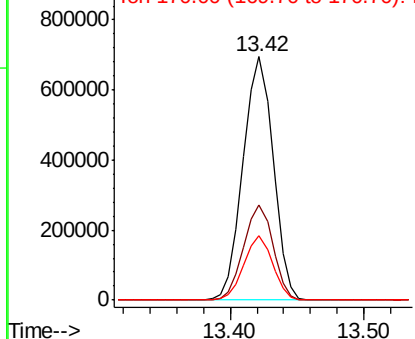
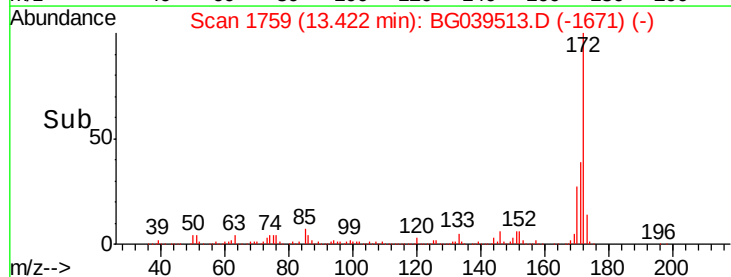


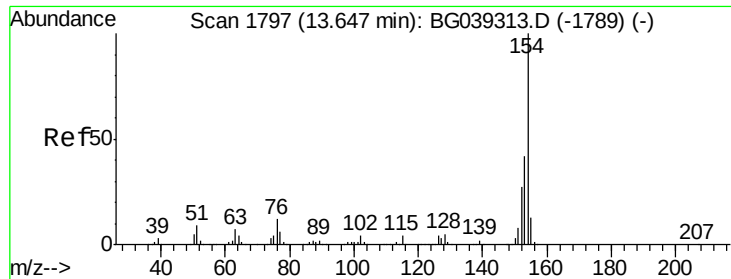
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

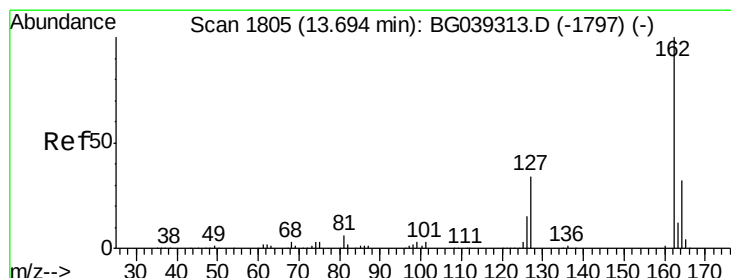
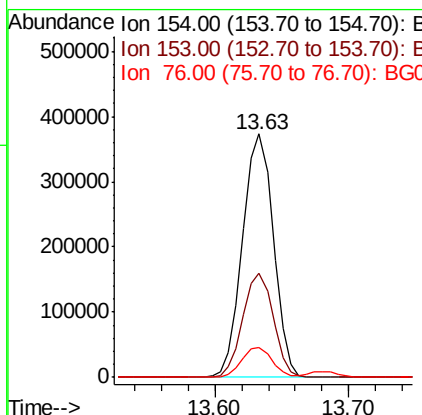
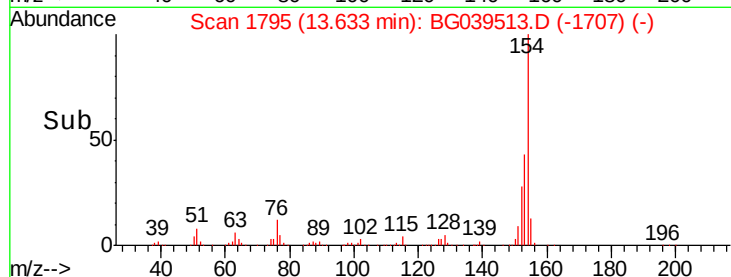
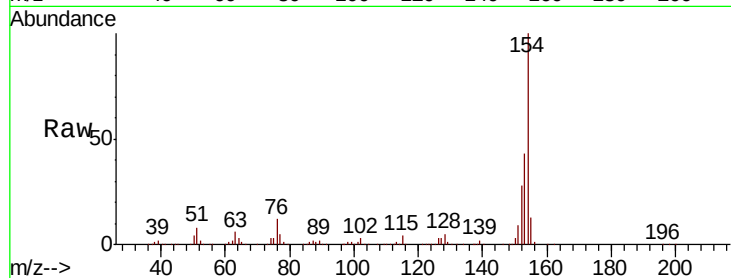




#46
 1,1'-Biphenyl
 Concen: 42.934 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

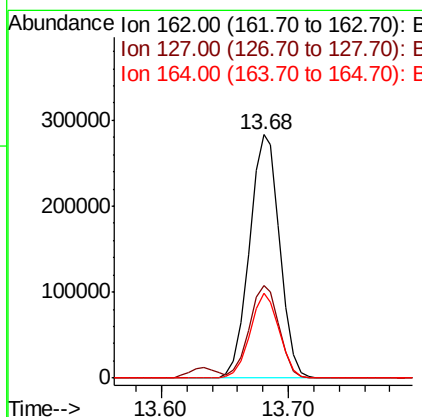
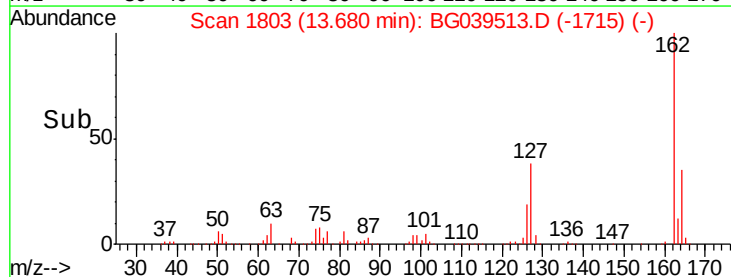
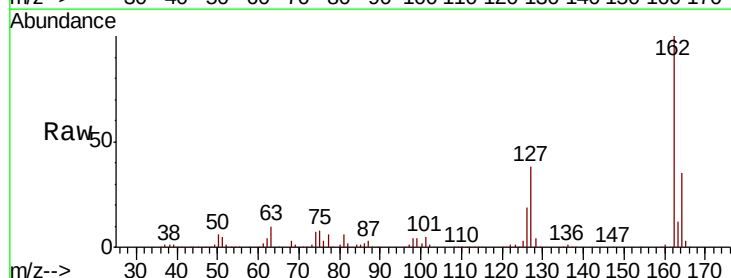
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

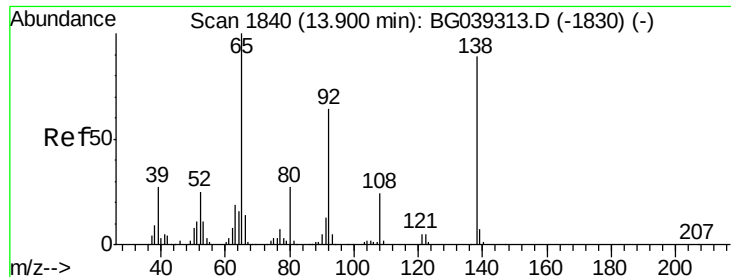
Tgt Ion:	154	Resp:	594933
Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	12.4	0.0	32.4



#47
 2-Chloronaphthalene
 Concen: 44.886 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:	162	Resp:	467901
Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.6
164	34.6	25.7	38.5





#48

2-Nitroaniline

Concen: 53.542 ng

RT: 13.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

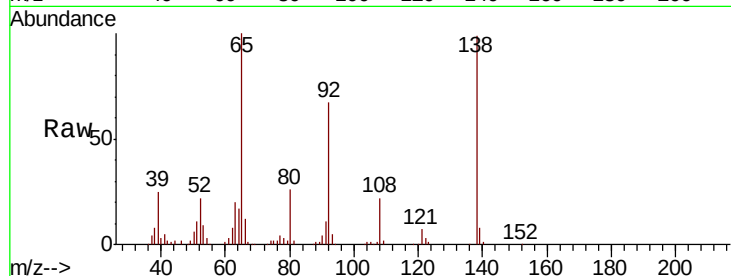
Tgt Ion: 65 Resp: 163798

Ion Ratio Lower Upper

65 100

92 67.2 51.4 77.2

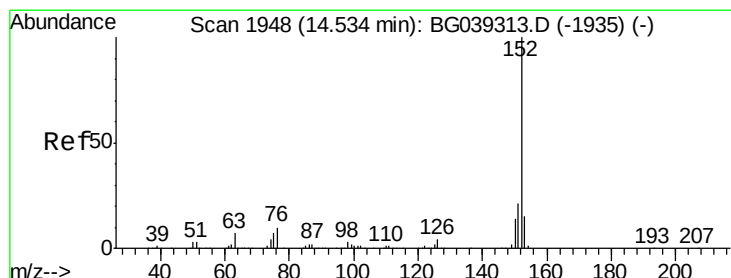
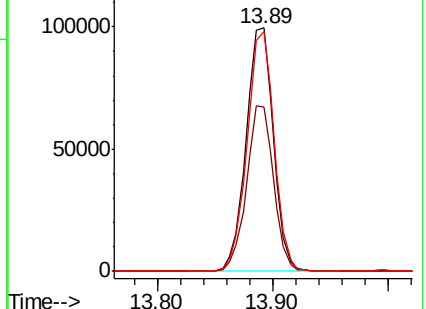
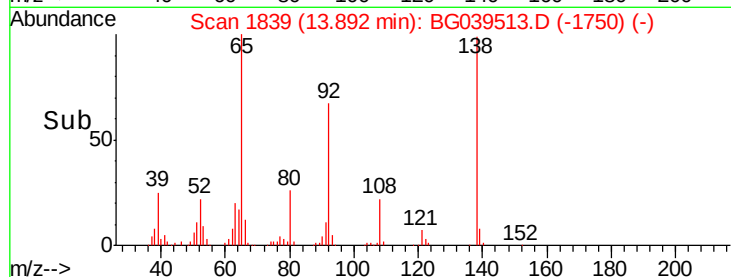
138 98.6 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BG039313.D (-1830) (-)

Ion 92.00 (91.70 to 92.70): BG039313.D (-1830) (-)

Ion 138.00 (137.70 to 138.70): BG039313.D (-1830) (-)



#49

Acenaphthylene

Concen: 47.850 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

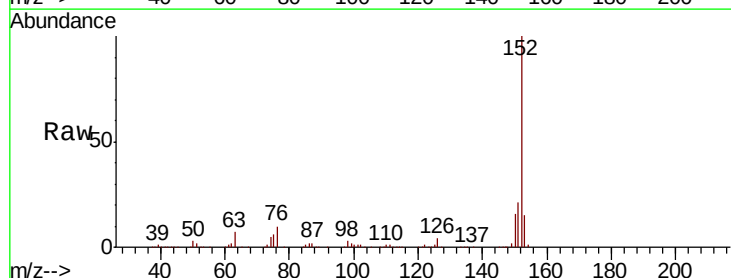
Tgt Ion: 152 Resp: 752638

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

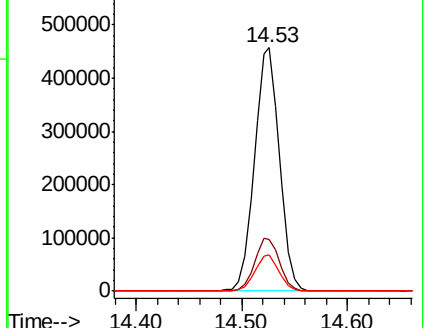
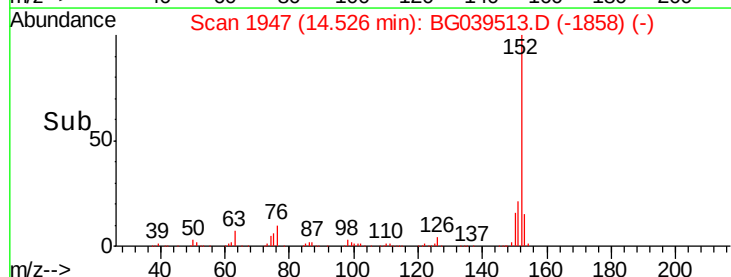
153 14.9 11.7 17.5

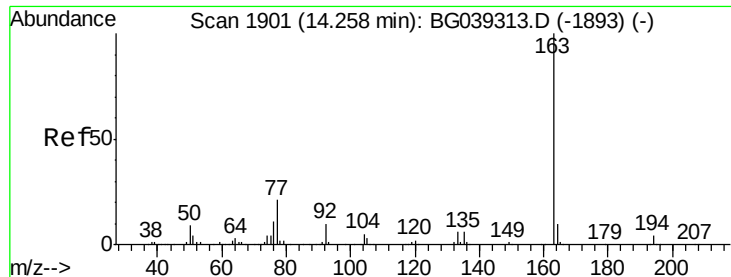


Abundance Ion 152.00 (151.70 to 152.70): BG039313.D (-1935) (-)

Ion 151.00 (150.70 to 151.70): BG039313.D (-1935) (-)

Ion 153.00 (152.70 to 153.70): BG039313.D (-1935) (-)





#50

Dimethylphthalate

Concen: 46.462 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

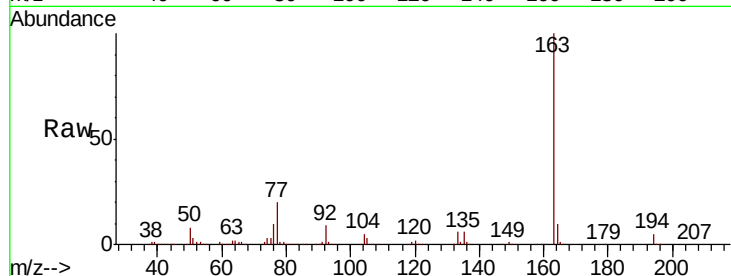
Tgt Ion:163 Resp: 624946

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

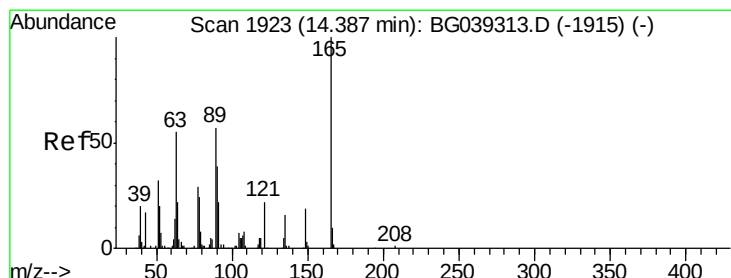
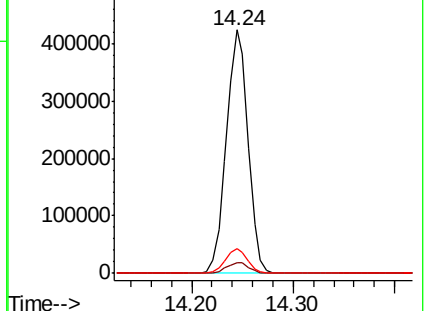
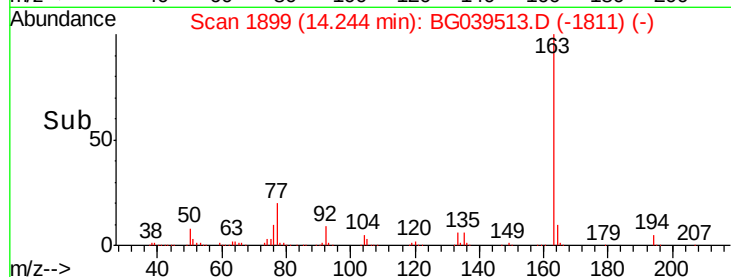
164 10.3 8.4 12.6



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: 54.609 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

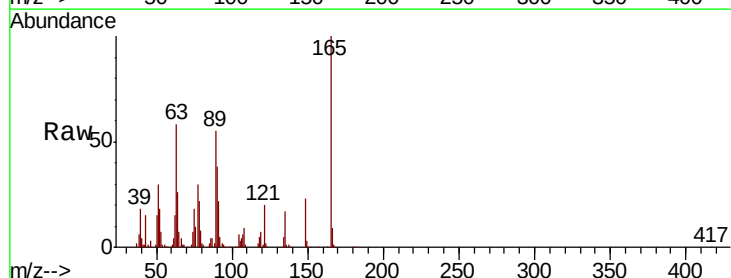
Tgt Ion:165 Resp: 139911

Ion Ratio Lower Upper

165 100

63 58.0 47.0 70.6

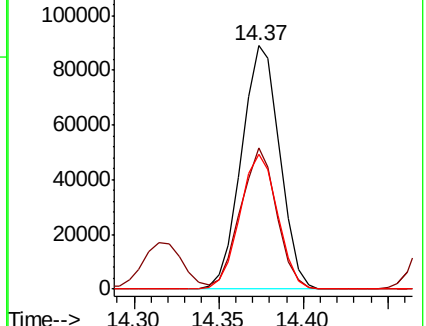
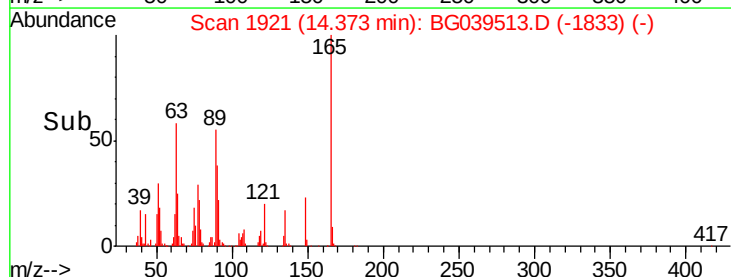
89 55.2 45.8 68.8

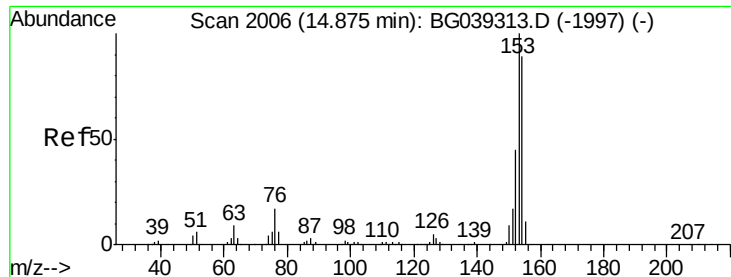


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 45.416 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

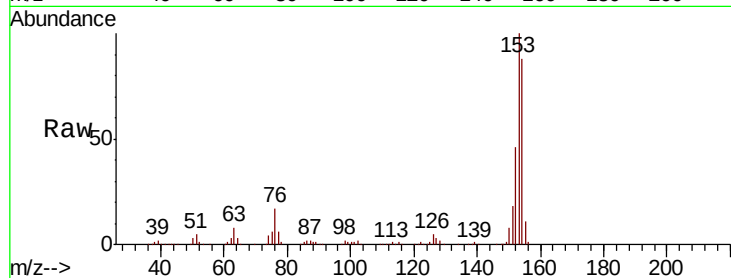
Tgt Ion:154 Resp: 463699

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

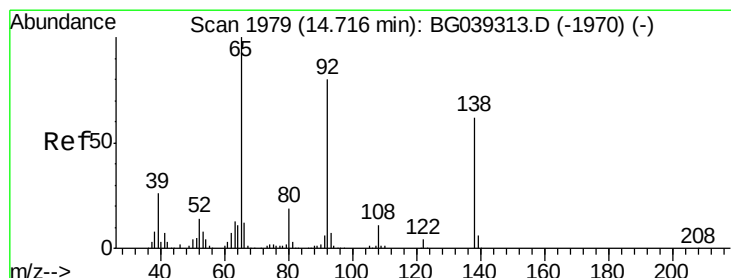
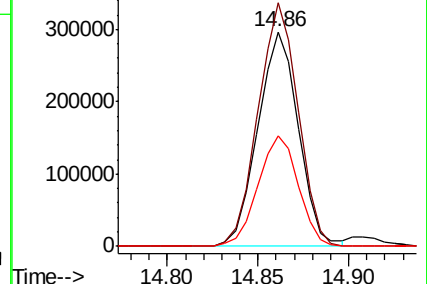
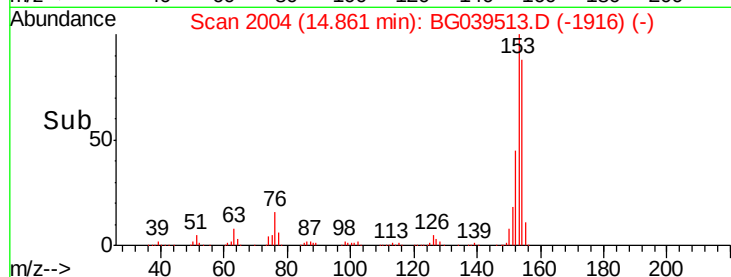
152 51.7 40.9 61.3



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: 9.138 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

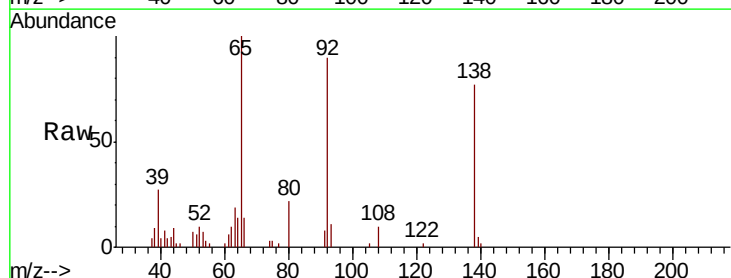
Tgt Ion:138 Resp: 10320

Ion Ratio Lower Upper

138 100

108 13.1 13.8 20.8#

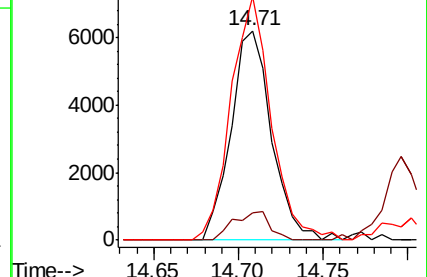
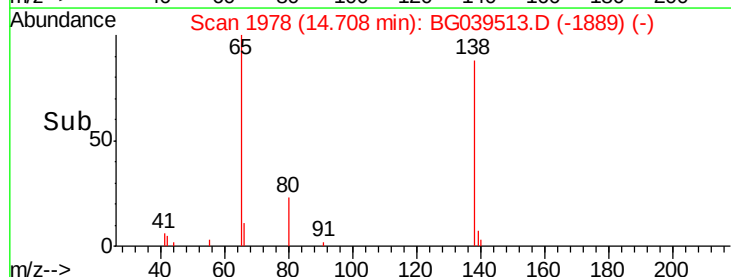
92 116.4 103.7 155.5

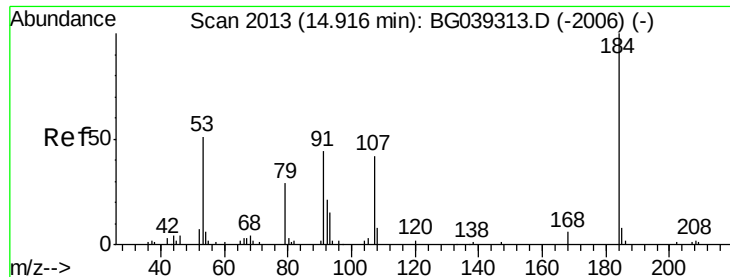


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

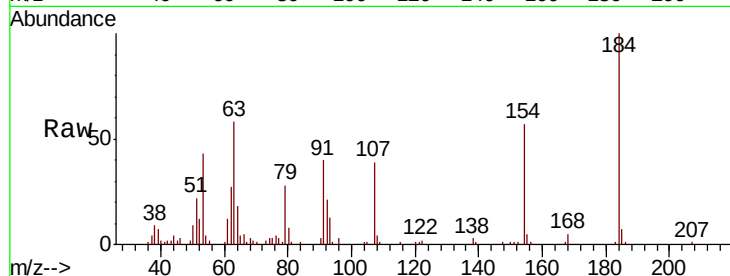




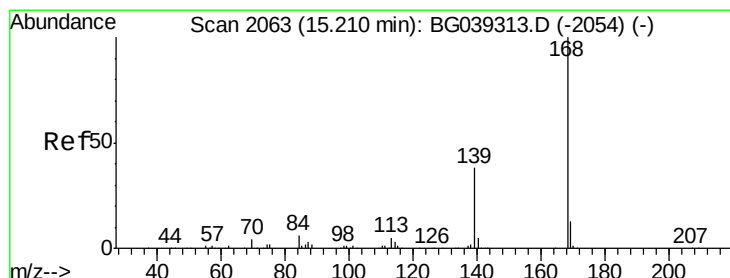
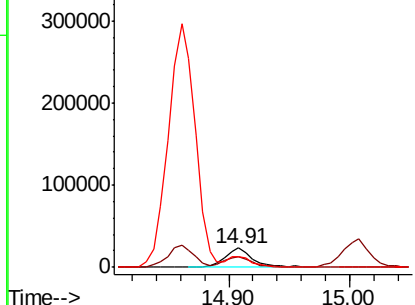
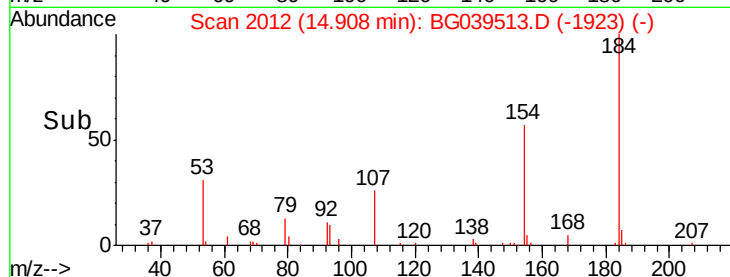
#54
2,4-Dinitrophenol
Concen: 44.043 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

Tgt Ion:184 Resp: 37954
Ion Ratio Lower Upper
184 100
63 58.1 50.9 76.3
154 56.6 53.0 79.6

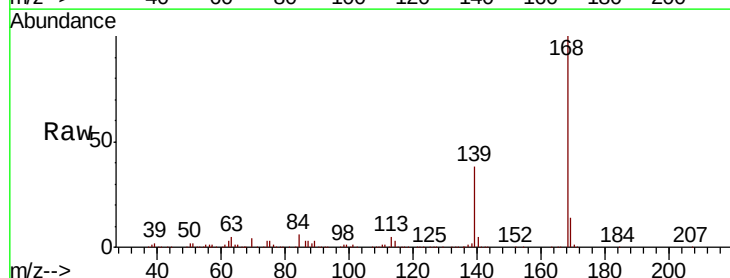


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

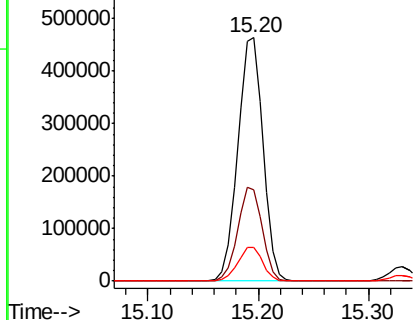
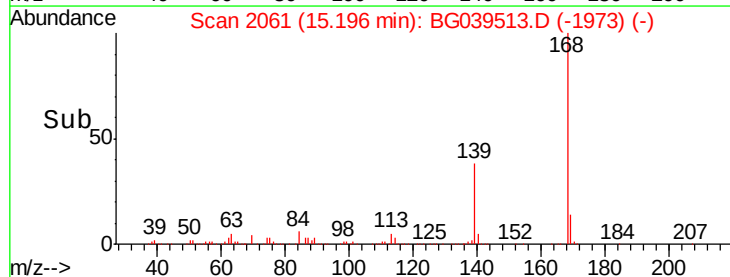


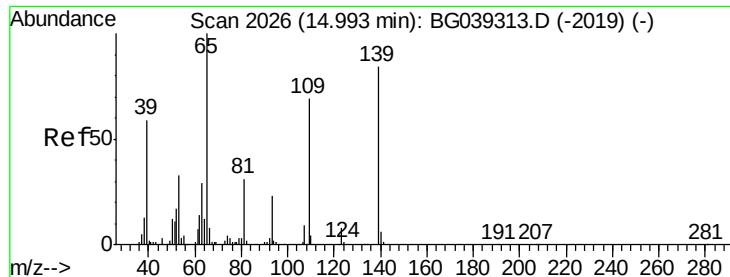
#55
Dibenzofuran
Concen: 45.396 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion:168 Resp: 743149
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.1 10.6 16.0



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





#56

4-Nitrophenol

Concen: 75.321 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

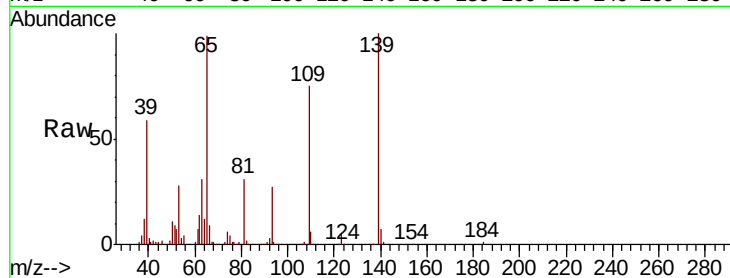
Tgt Ion:139 Resp: 182291

Ion Ratio Lower Upper

139 100

109 75.1 61.9 101.9

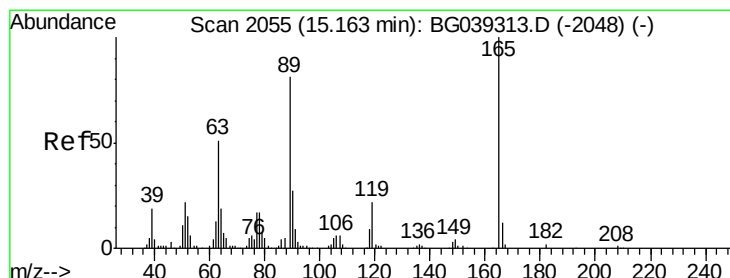
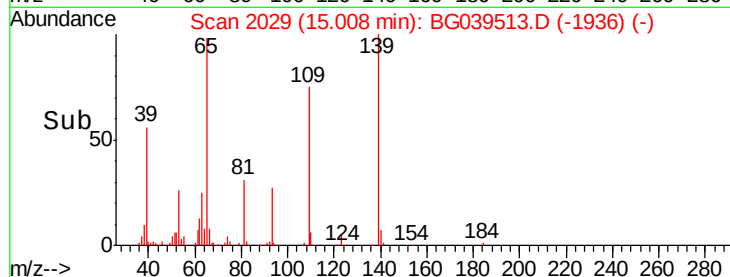
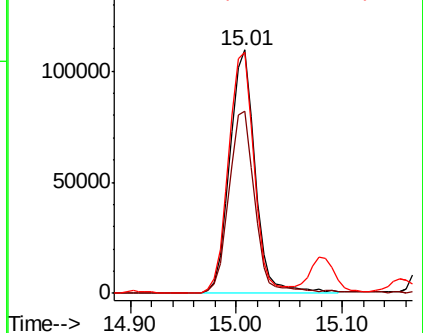
65 99.0 99.1 139.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 58.953 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Tgt Ion:165 Resp: 196704

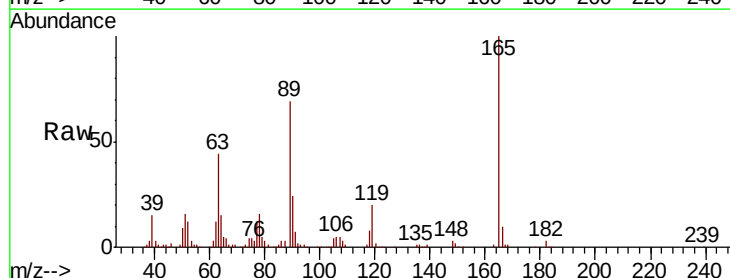
Ion Ratio Lower Upper

165 100

63 43.7 41.0 61.6

89 68.7 64.6 96.8

182 3.1 2.0 3.0#

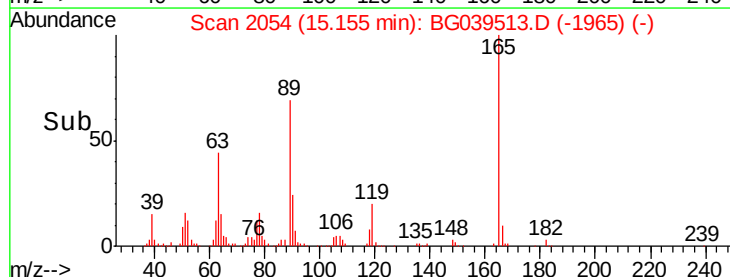
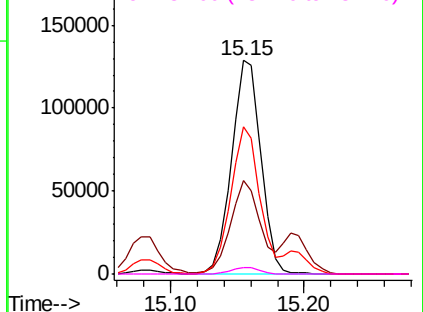


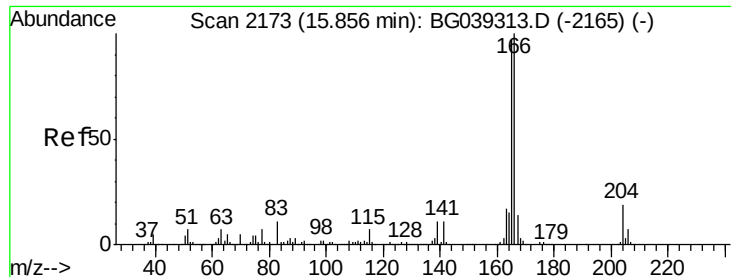
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 48.024 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

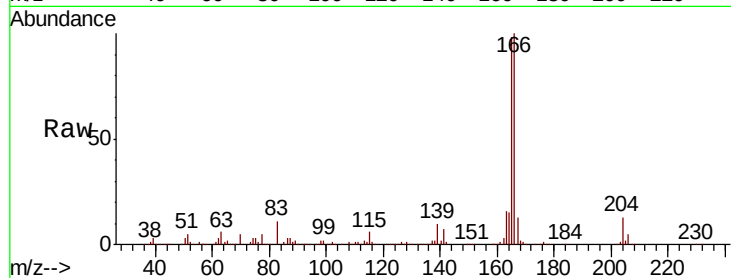
Tgt Ion:166 Resp: 586054

Ion Ratio Lower Upper

166 100

165 97.6 77.9 116.9

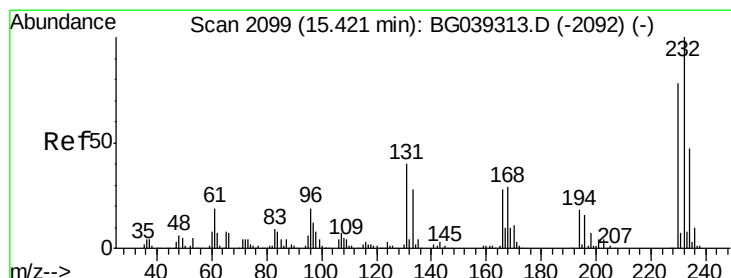
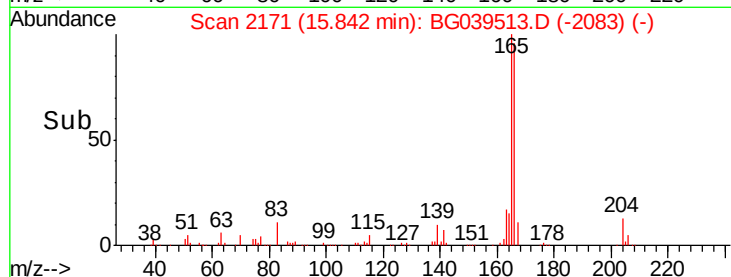
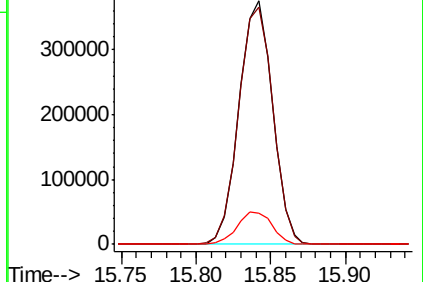
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 56.252 ng

RT: 15.41 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Tgt Ion:232 Resp: 179850

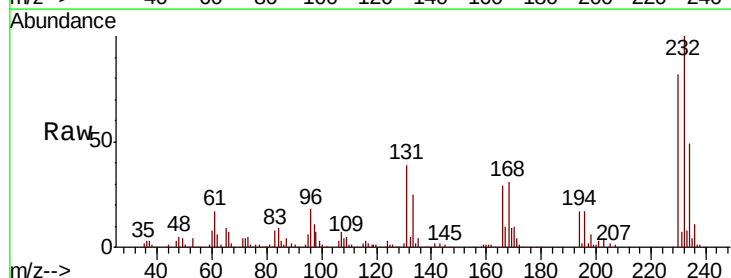
Ion Ratio Lower Upper

232 100

131 39.1 34.9 52.3

130 2.2 2.0 3.0

166 28.6 24.1 36.1

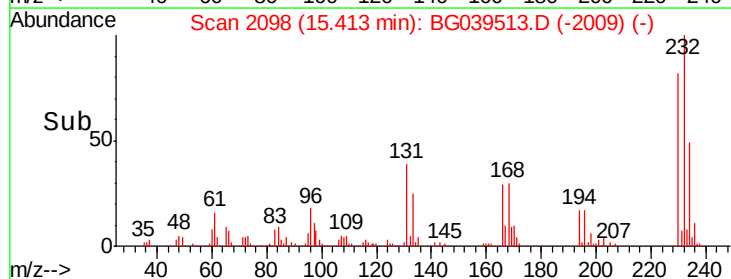
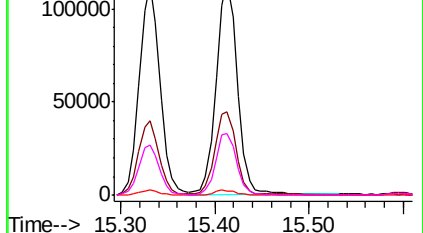


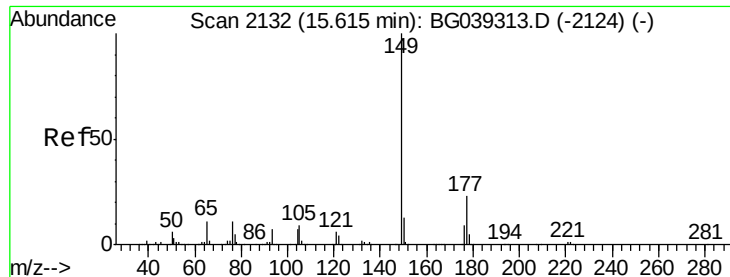
Abundance Ion 232.00 (231.70 to 232.70): E

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

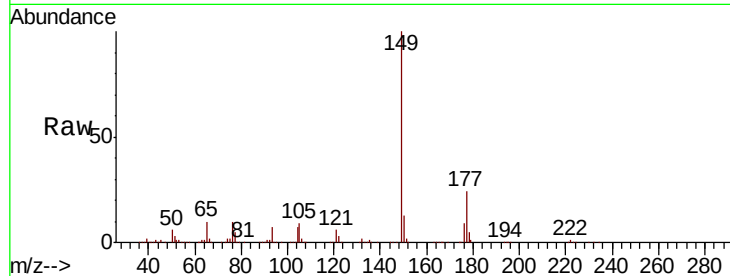




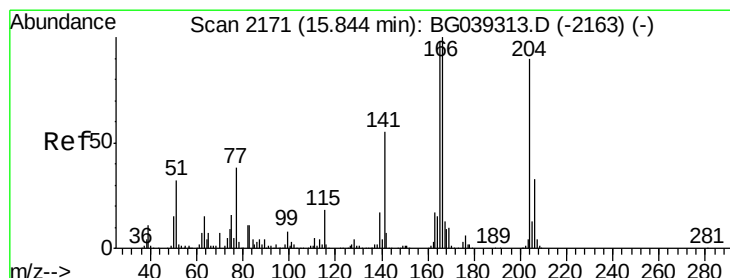
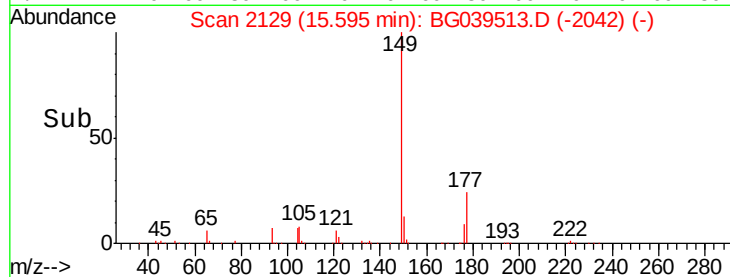
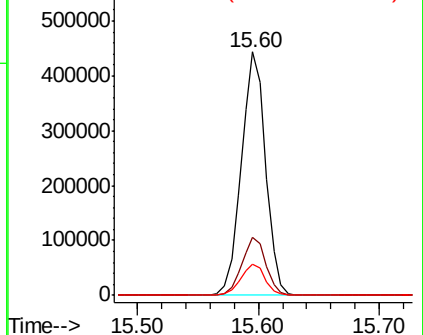
#60
Diethylphthalate
Concen: 44.381 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.8	10.2	15.2

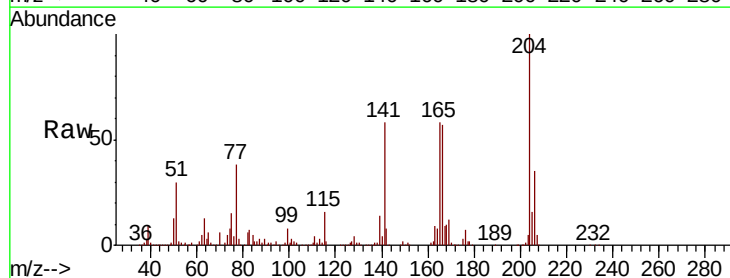


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

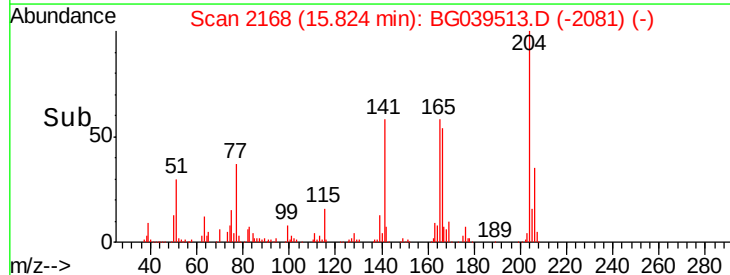
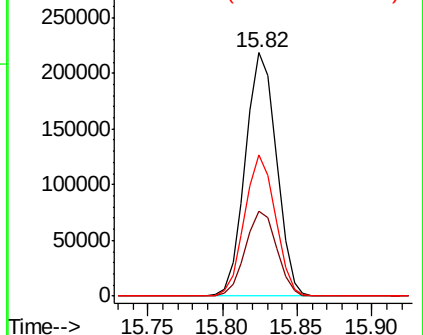


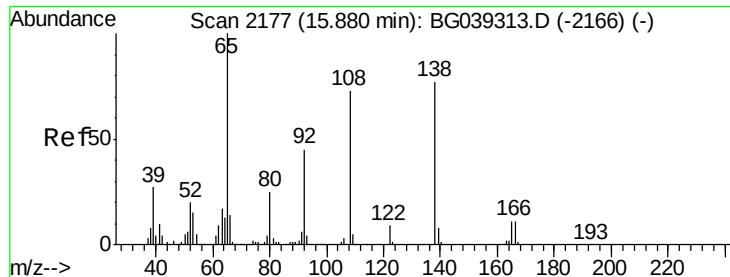
#61
4-Chlorophenyl-phenylether
Concen: 45.483 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	29.2	43.8
141	58.3	49.0	73.4



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

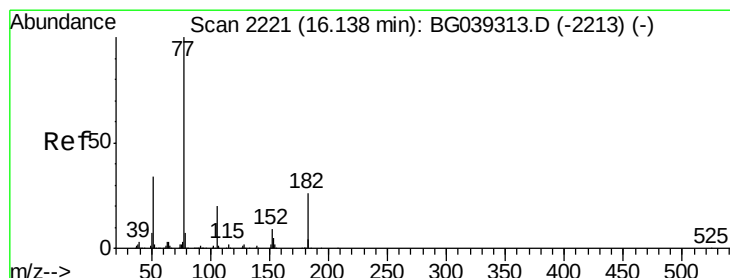
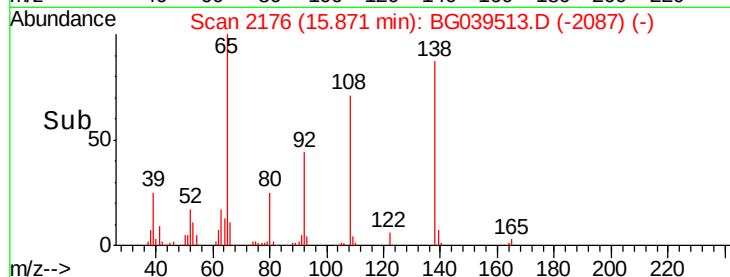
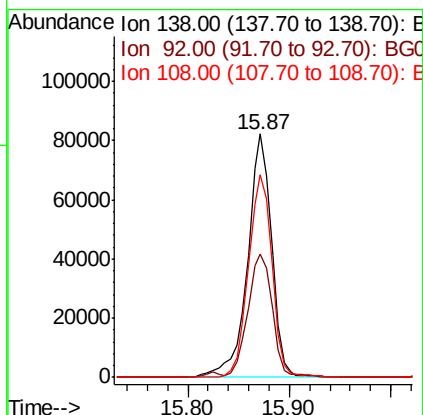
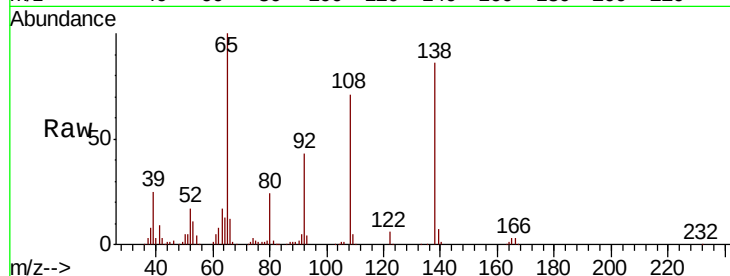




#62
4-Nitroaniline
Concen: 47.845 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

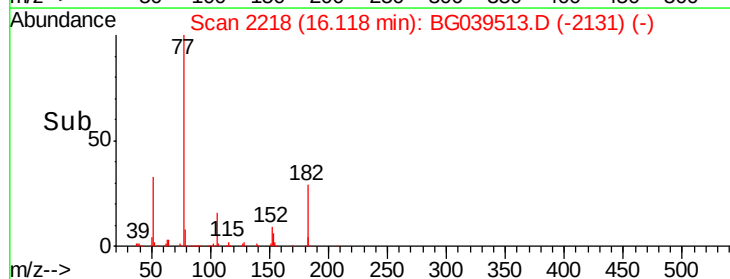
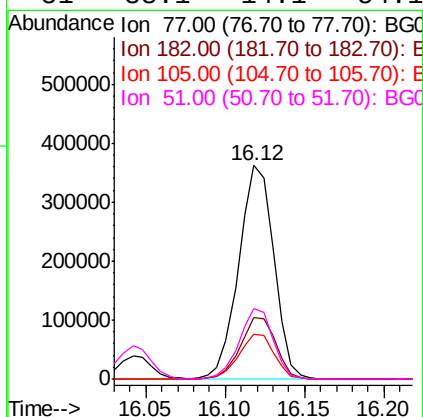
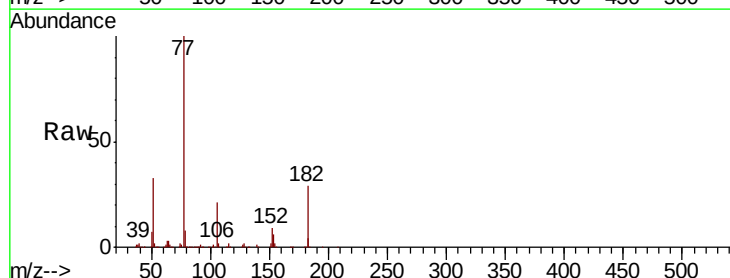
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

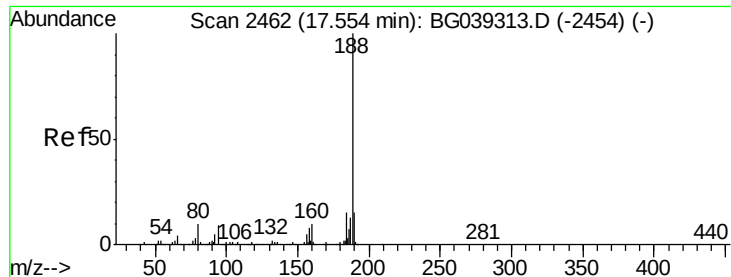
Tgt Ion:138 Resp: 134909
Ion Ratio Lower Upper
138 100
92 50.5 38.7 78.7
108 83.2 74.6 114.6



#63
Azobenzene
Concen: 40.930 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion: 77 Resp: 556350
Ion Ratio Lower Upper
77 100
182 28.7 6.4 46.4
105 21.3 0.0 39.8
51 33.1 14.1 54.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

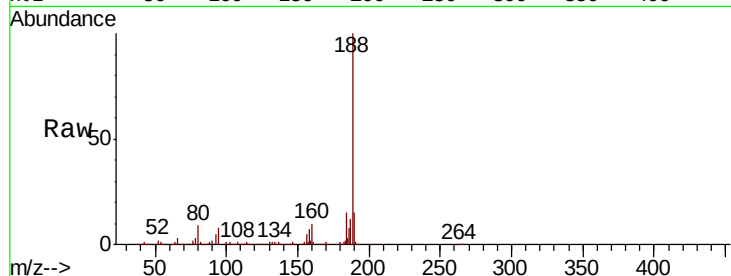
Tgt Ion:188 Resp: 388388

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

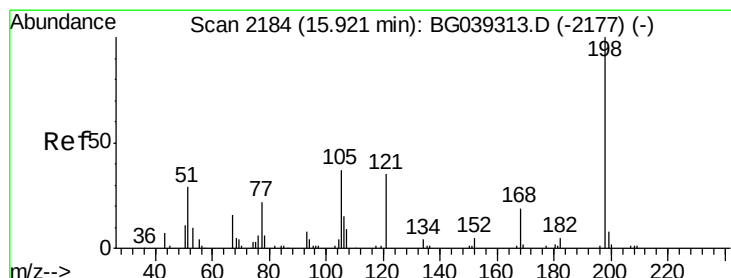
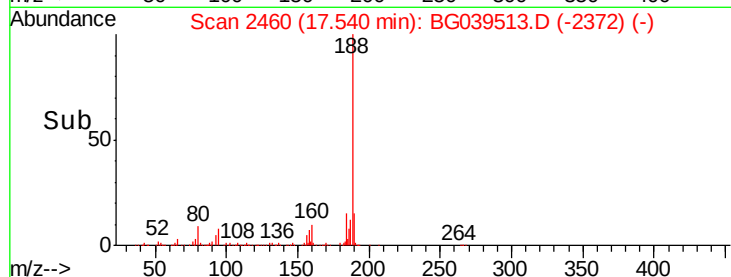
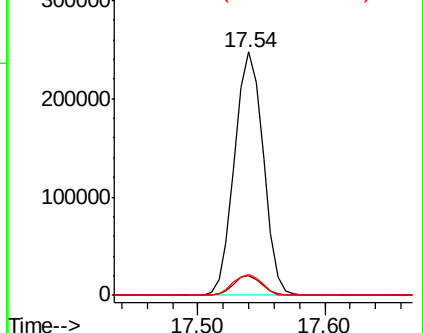
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.311 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

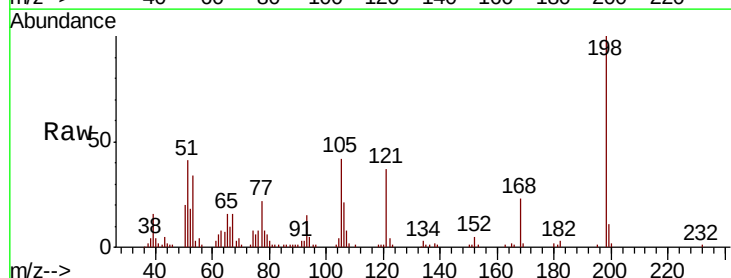
Tgt Ion:198 Resp: 47842

Ion Ratio Lower Upper

198 100

51 41.5 27.4 67.4

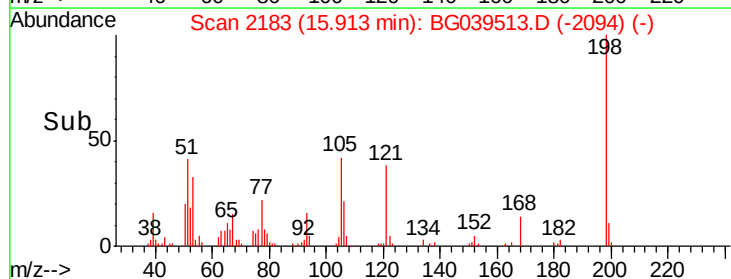
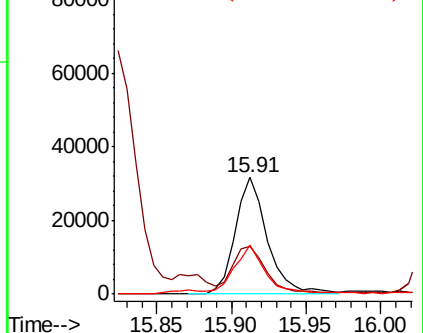
105 41.5 19.7 59.7

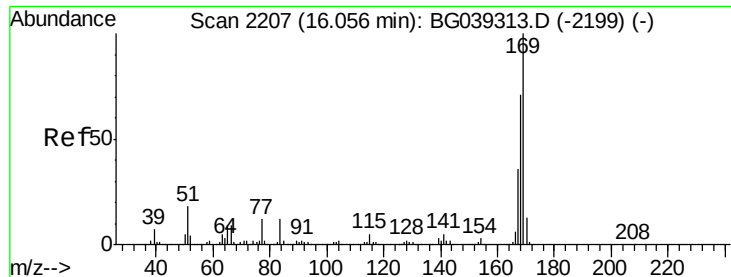


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 45.753 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

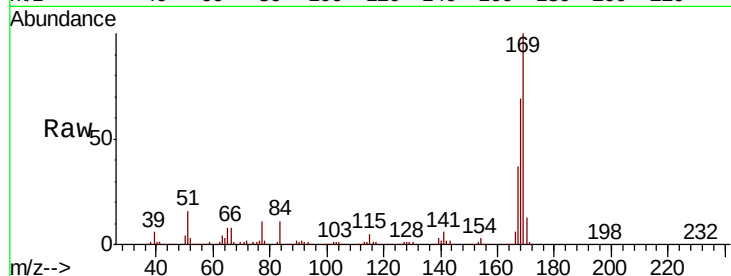
Tgt Ion:169 Resp: 540322

Ion Ratio Lower Upper

169 100

168 69.3 56.6 85.0

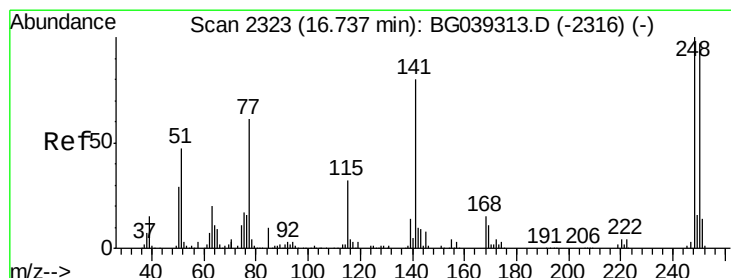
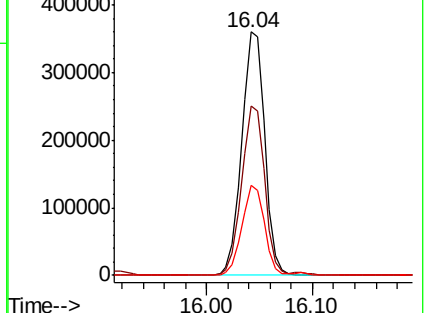
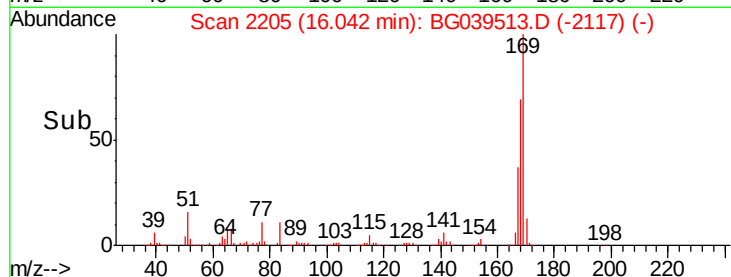
167 36.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 48.192 ng

RT: 16.72 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

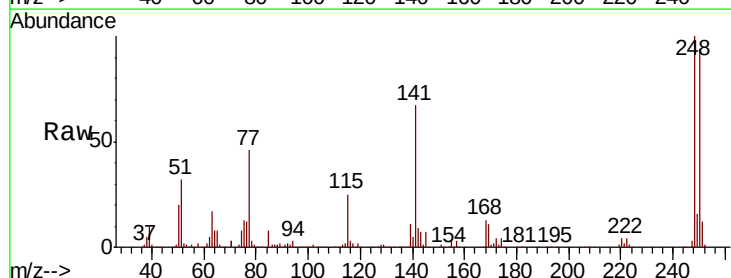
Tgt Ion:248 Resp: 207645

Ion Ratio Lower Upper

248 100

250 94.5 77.6 116.4

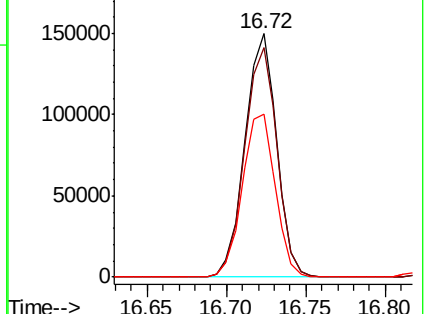
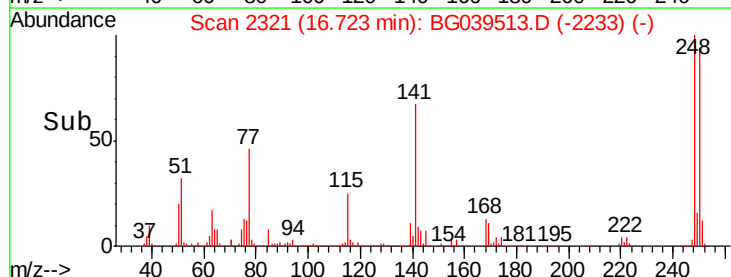
141 67.1 63.9 95.9

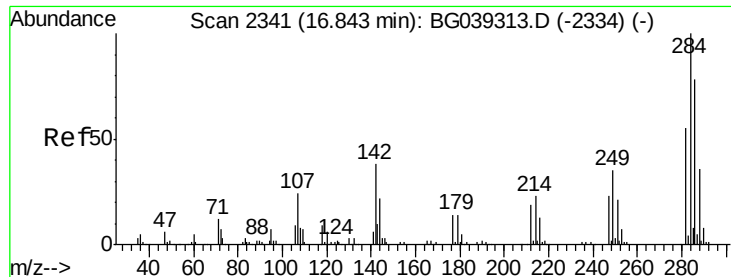


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 48.611 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

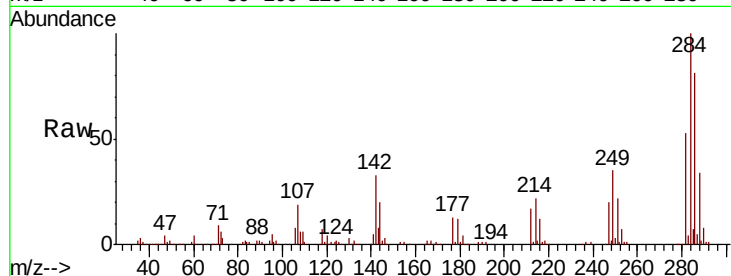
Tgt Ion:284 Resp: 210145

Ion Ratio Lower Upper

284 100

142 33.0 30.6 45.8

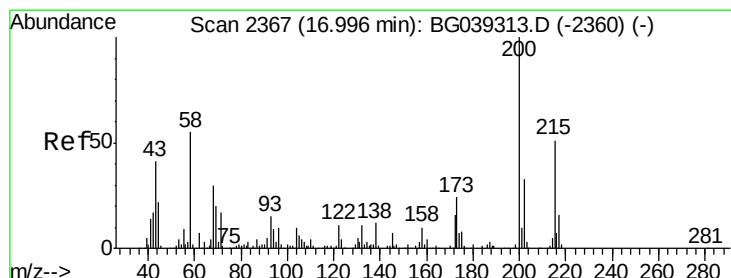
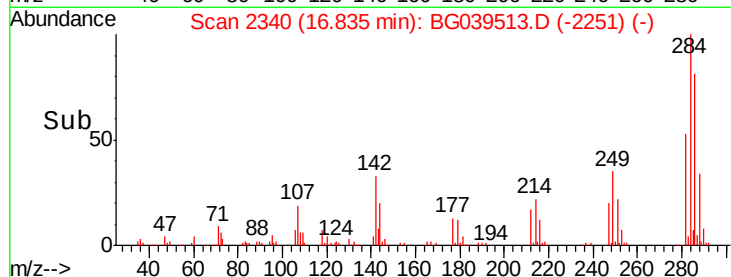
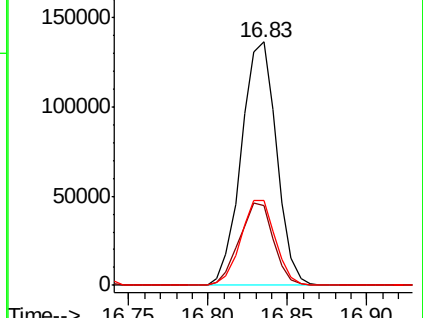
249 35.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 47.975 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

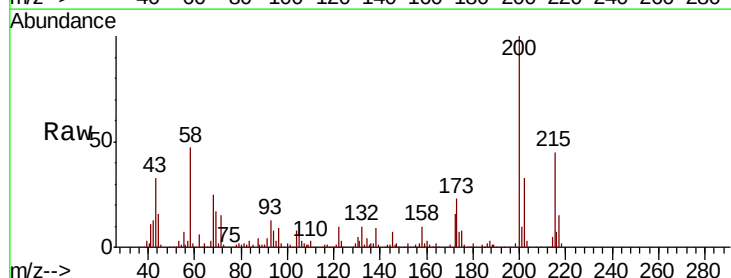
Tgt Ion:200 Resp: 207045

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

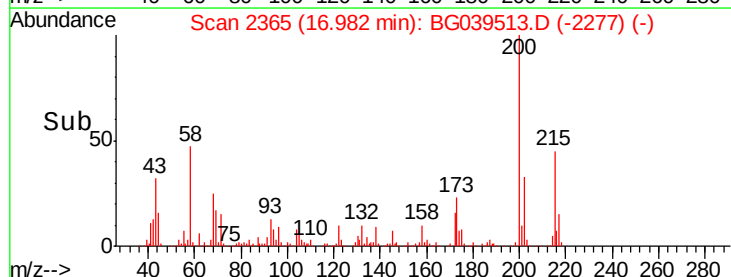
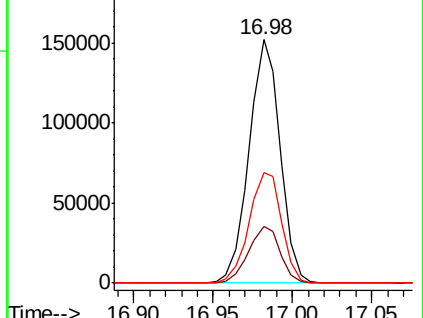
215 45.2 30.9 70.9

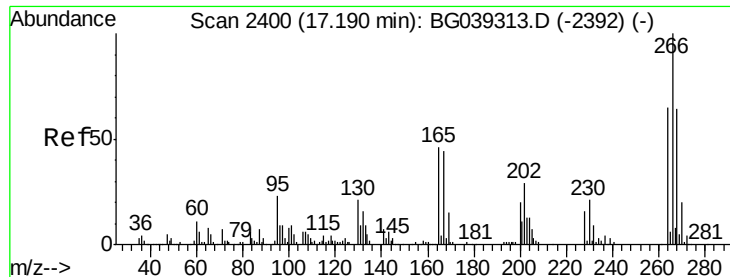


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 59.700 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

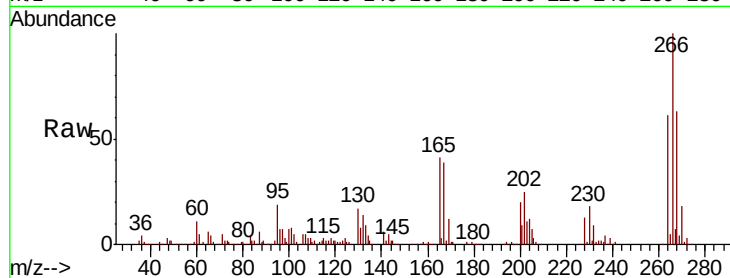
Tgt Ion:266 Resp: 179371

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

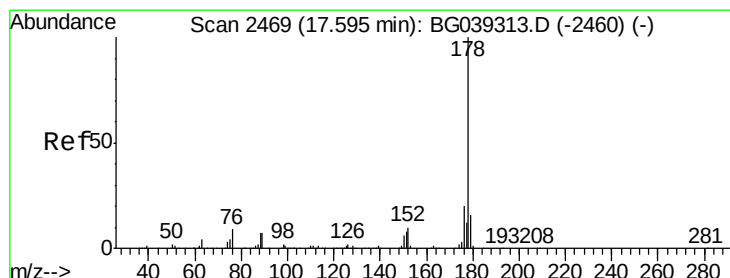
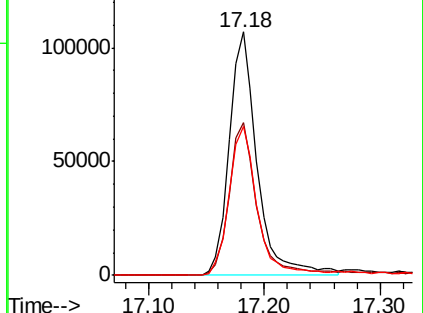
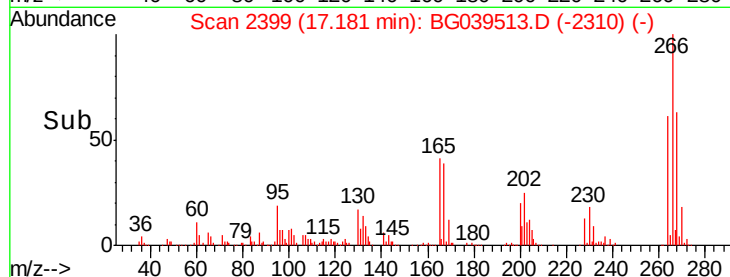
264 61.4 52.1 78.1



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: 47.408 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

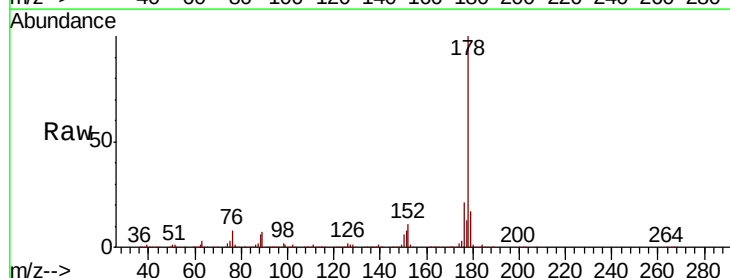
Tgt Ion:178 Resp: 952982

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

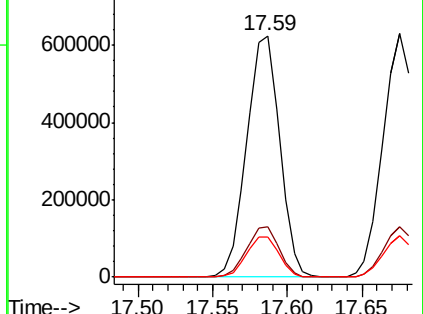
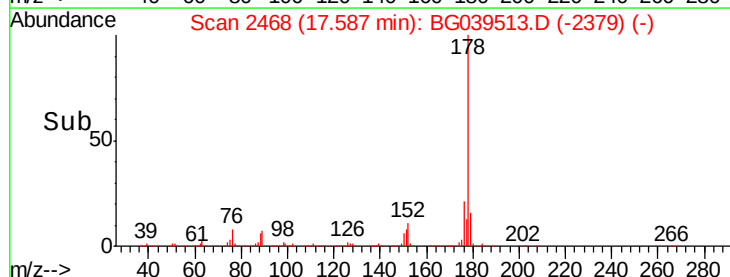
179 16.6 12.6 19.0

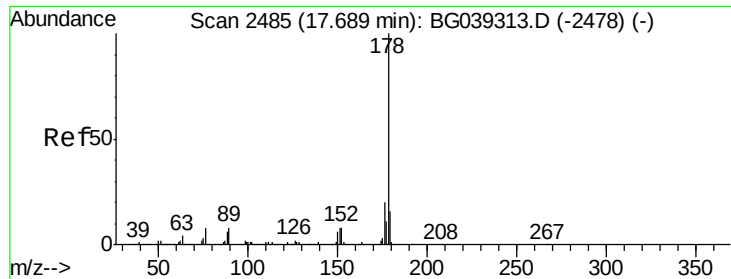


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 48.780 ng

RT: 17.67 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

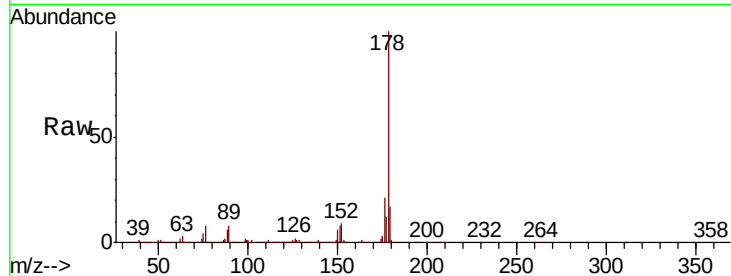
Tgt Ion:178 Resp: 965865

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.6

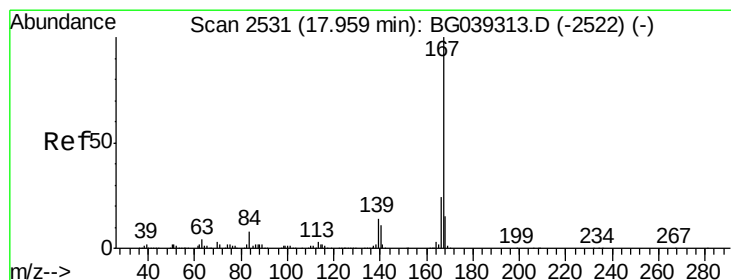
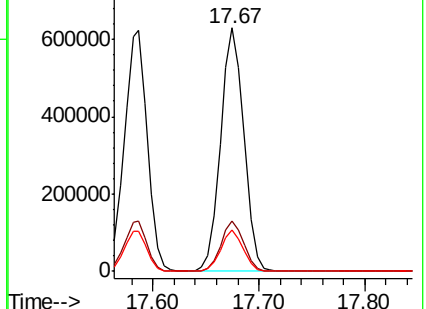
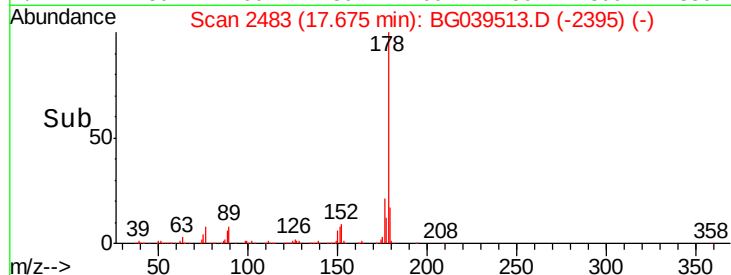
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 42.962 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

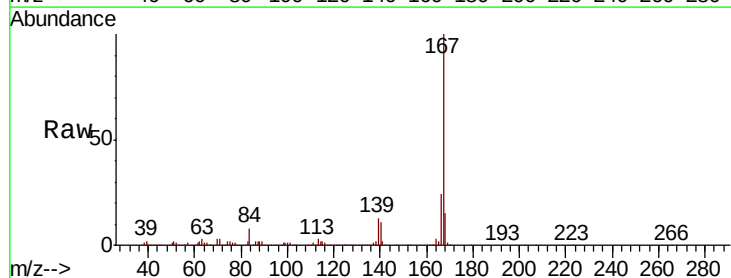
Tgt Ion:167 Resp: 848949

Ion Ratio Lower Upper

167 100

166 24.1 19.4 29.2

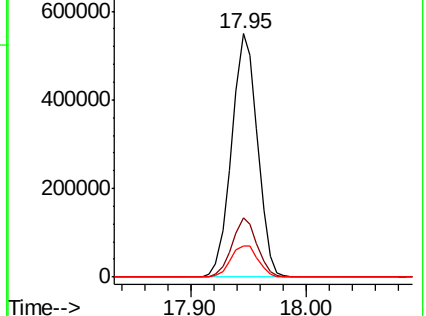
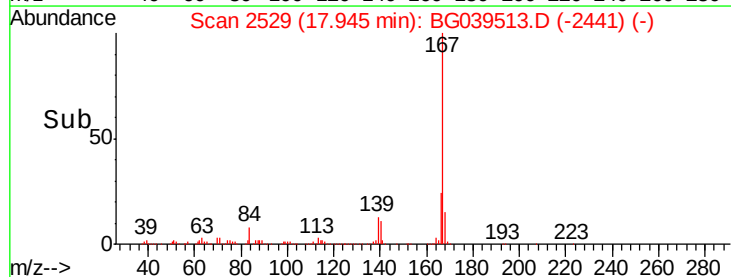
139 13.0 10.8 16.2

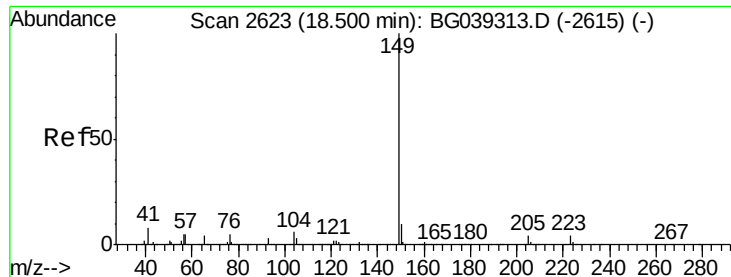


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.857 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

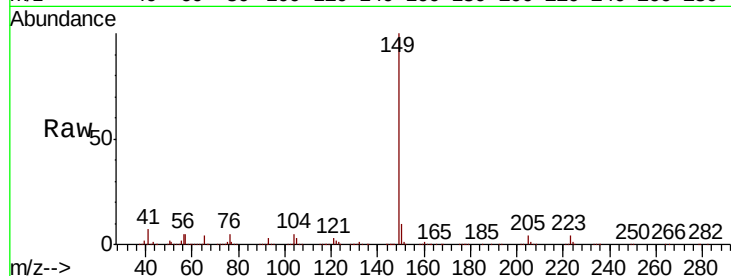
Tgt Ion:149 Resp: 1034108

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 5.5 4.5 6.7

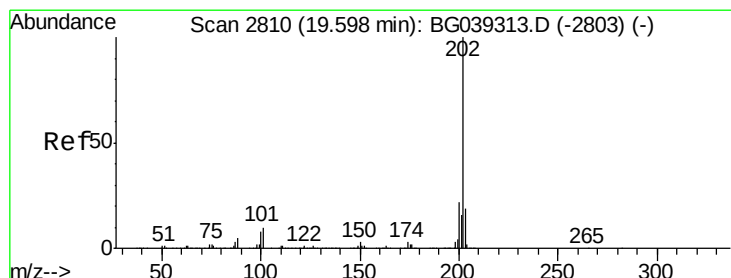
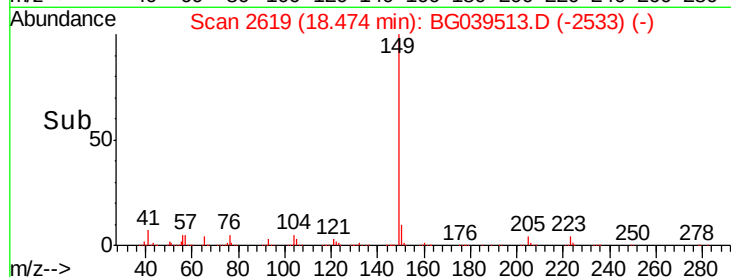
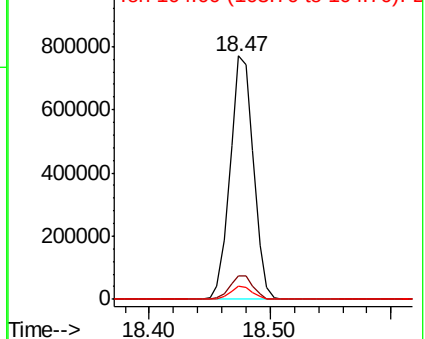


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 48.217 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

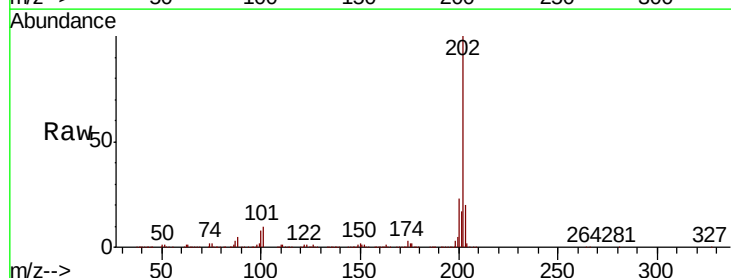
Tgt Ion:202 Resp: 1124993

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

203 19.6 0.0 38.9

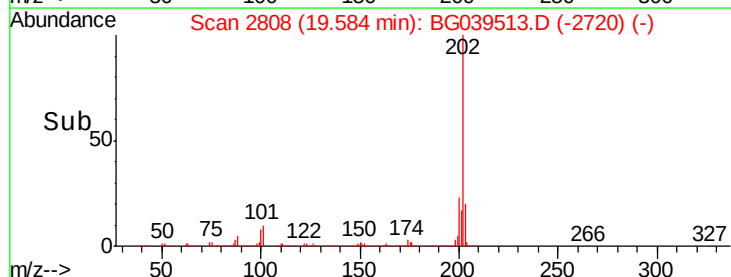
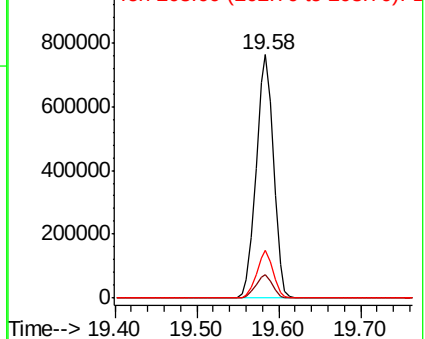


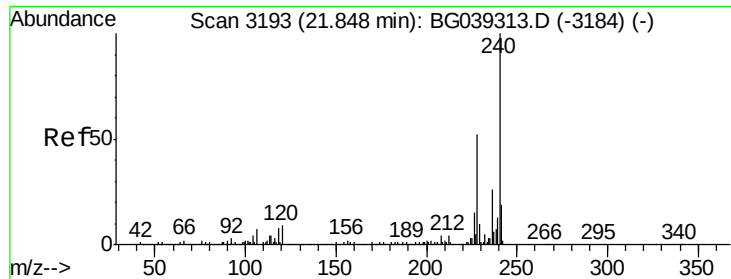
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

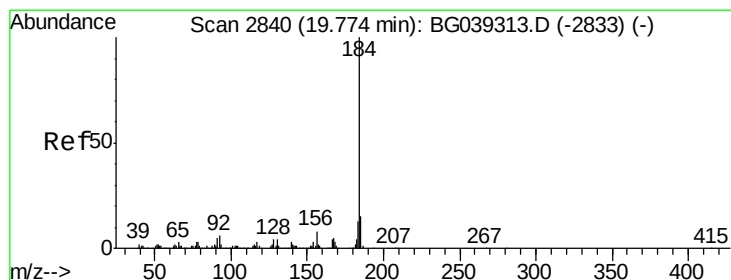
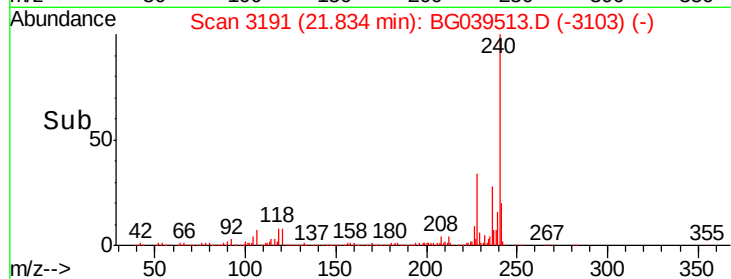
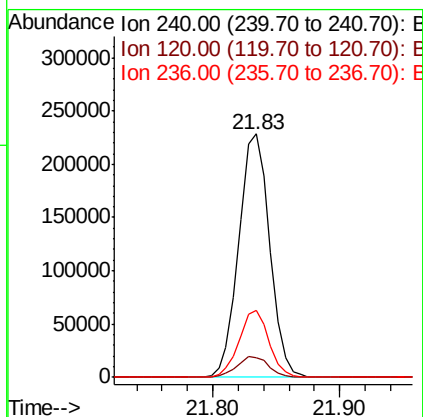
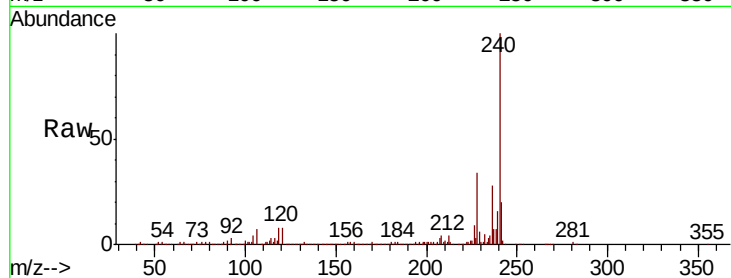




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

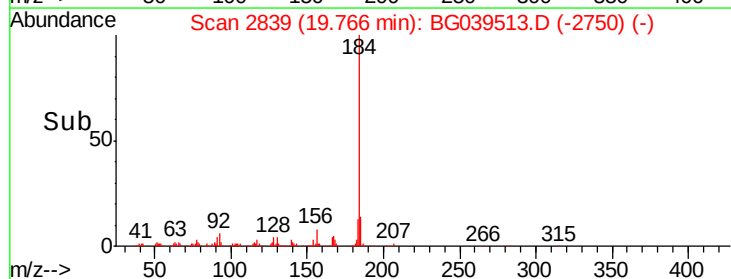
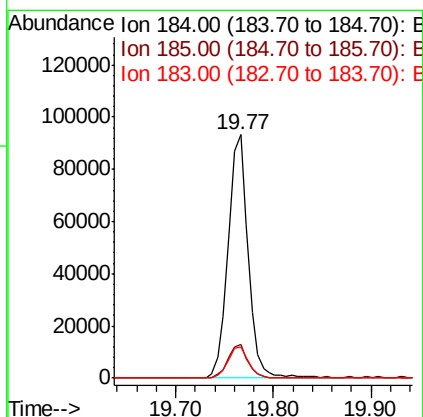
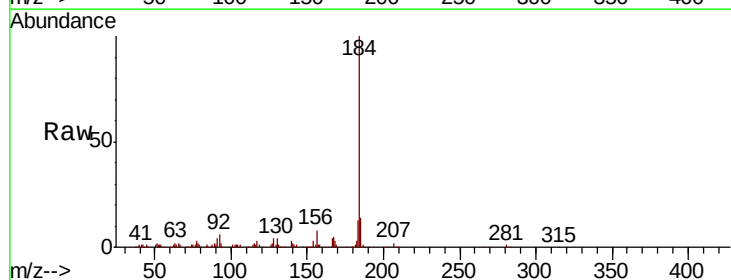
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

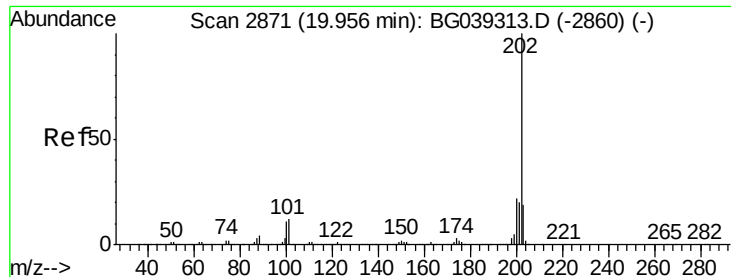
Tgt Ion:240 Resp: 386520
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 27.6 21.0 31.4



#77
Benzidine
Concen: 10.516 ng
RT: 19.77 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion:184 Resp: 133266
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 12.8 10.6 15.8





#78

Pyrene

Concen: 46.866 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

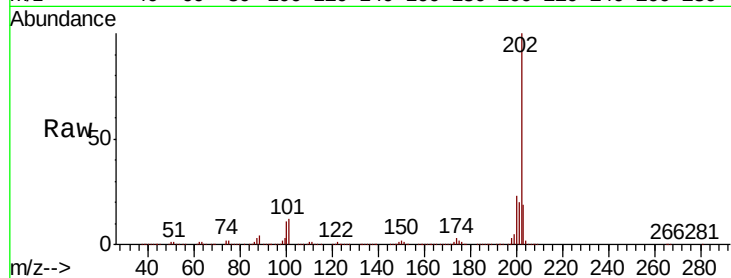
Tgt Ion:202 Resp: 1127694

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.8

203 18.7 15.3 22.9

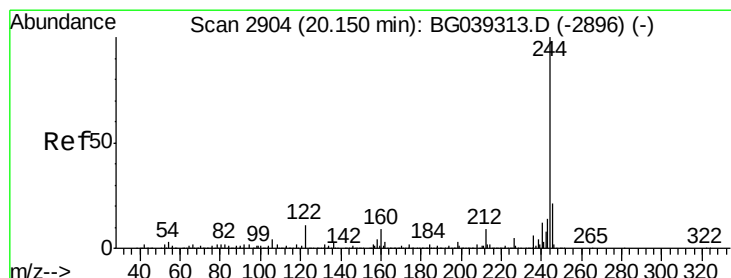
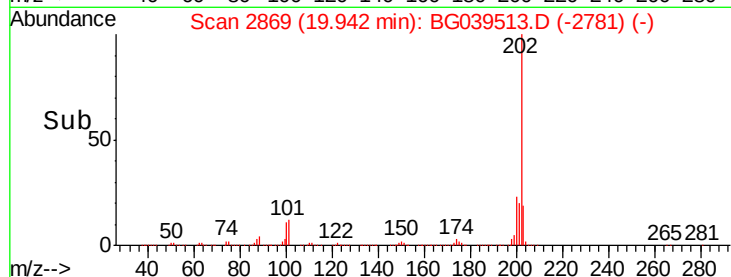
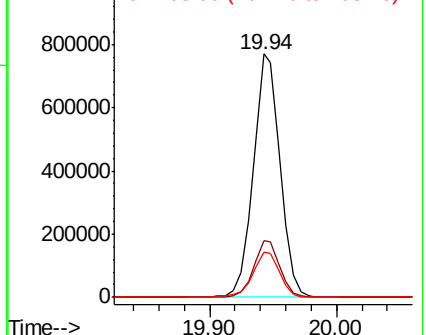


Abundance

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: 90.587 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

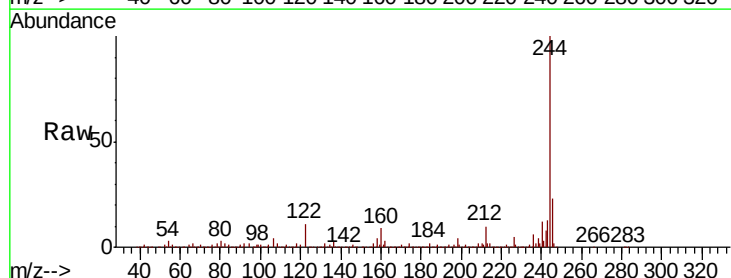
Tgt Ion:244 Resp: 1654181

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

122 10.8 8.4 12.6

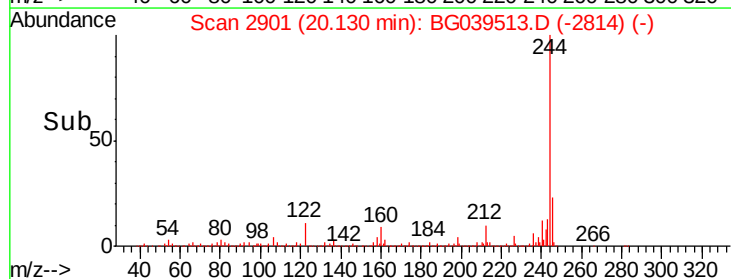
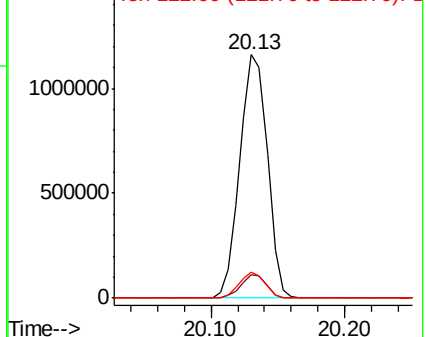


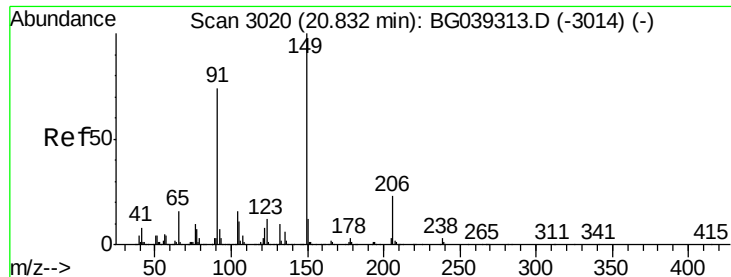
Abundance

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

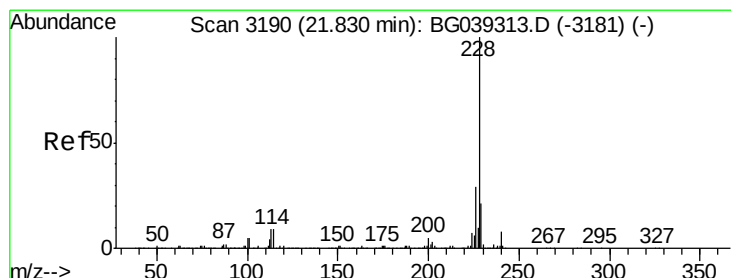
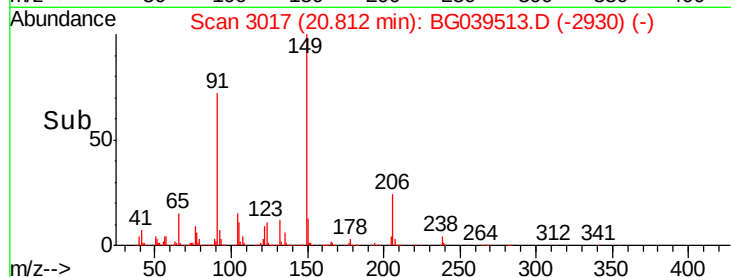
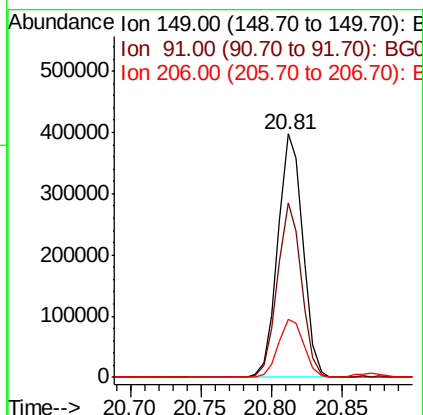
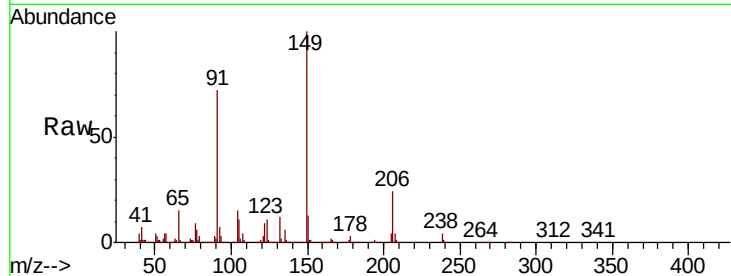




#80
Butylbenzylphthalate
Concen: 48.275 ng
RT: 20.81 min Scan# 3017
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

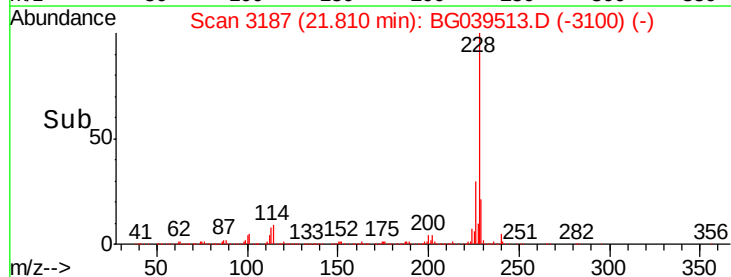
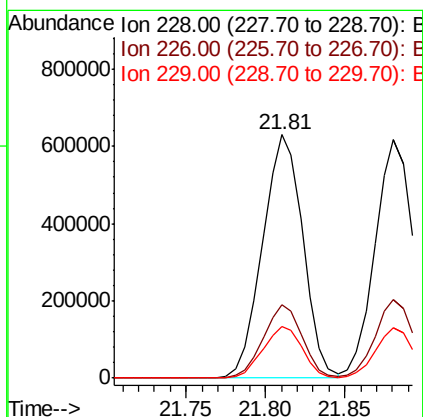
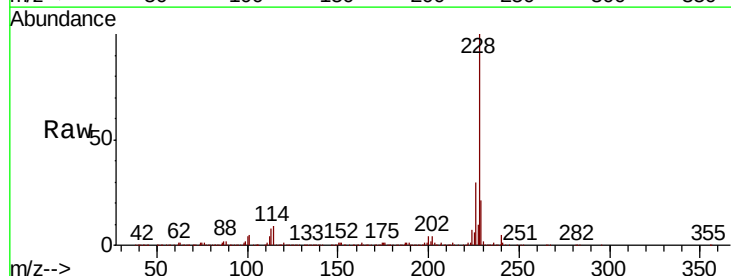
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

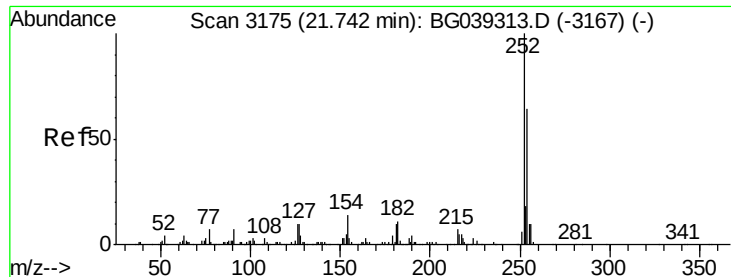
Tgt Ion:149 Resp: 490000
Ion Ratio Lower Upper
149 100
91 71.9 59.5 89.3
206 24.0 18.6 27.8



#81
Benzo(a)anthracene
Concen: 48.800 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

Tgt Ion:228 Resp: 1114553
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.6
229 21.2 16.9 25.3





#82

3,3'-Dichlorobenzidine

Concen: 9.180 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

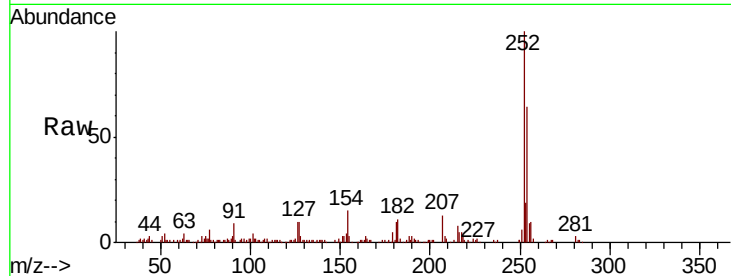
Tgt Ion:252 Resp: 77739

Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

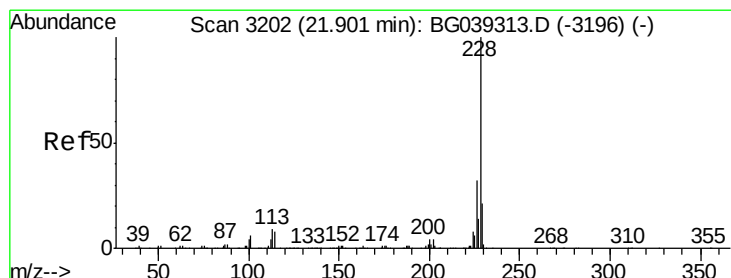
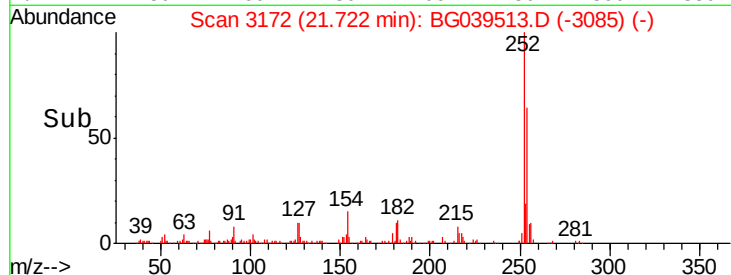
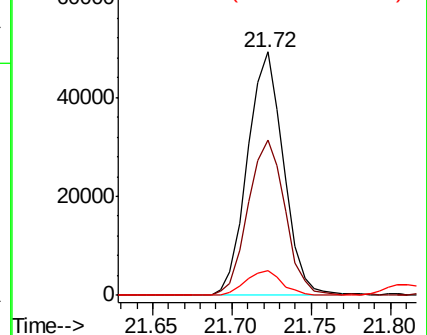
126 10.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 47.851 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

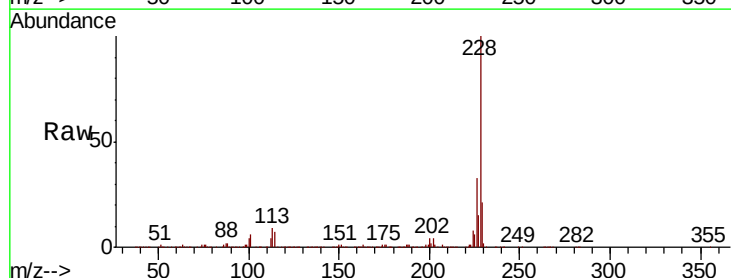
Tgt Ion:228 Resp: 1040352

Ion Ratio Lower Upper

228 100

226 33.2 25.8 38.6

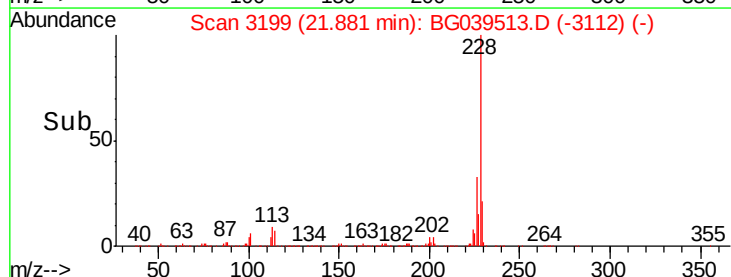
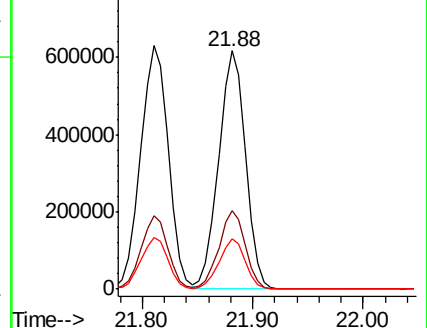
229 21.3 16.6 25.0

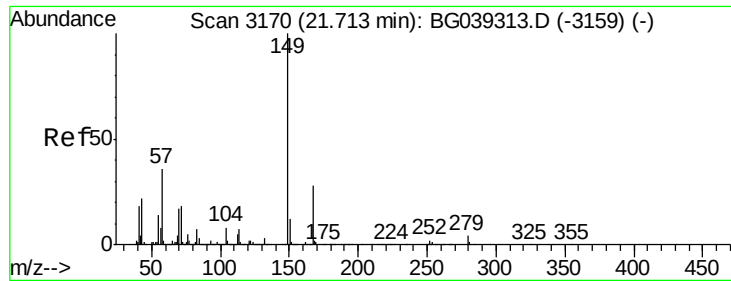


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.074 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

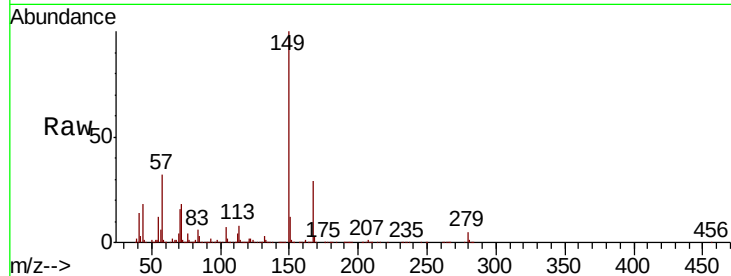
Tgt Ion:149 Resp: 667182

Ion Ratio Lower Upper

149 100

167 29.0 22.6 34.0

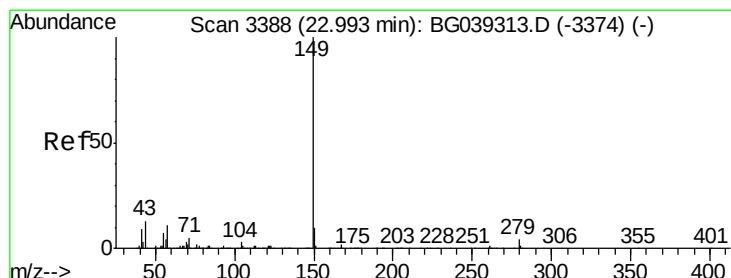
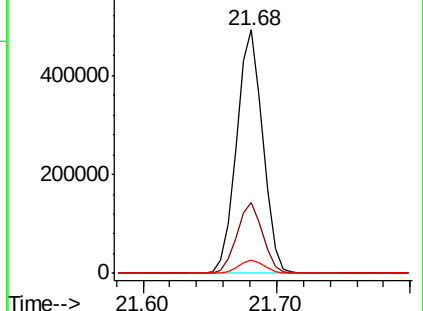
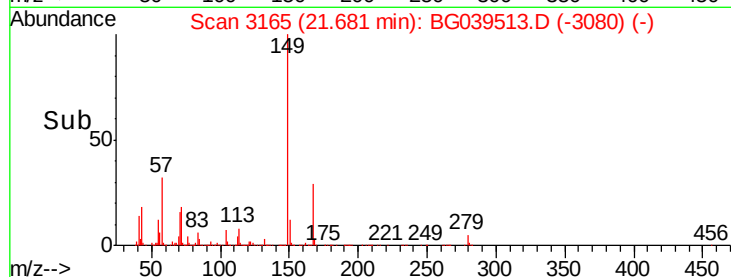
279 5.4 3.5 5.3#



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: 48.248 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

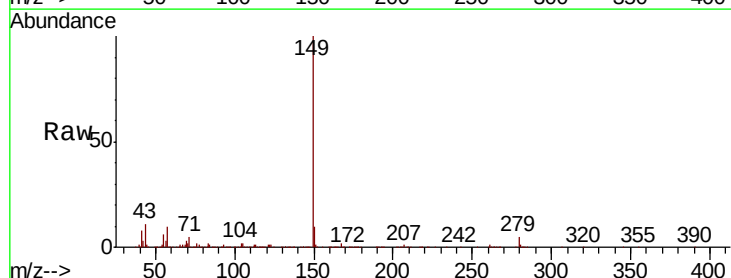
Tgt Ion:149 Resp: 1154258

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

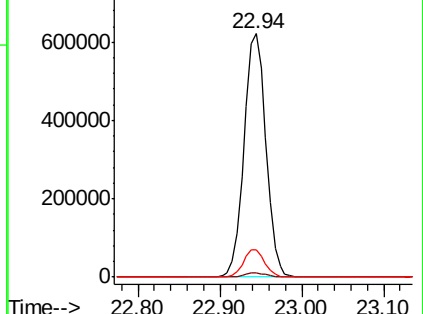
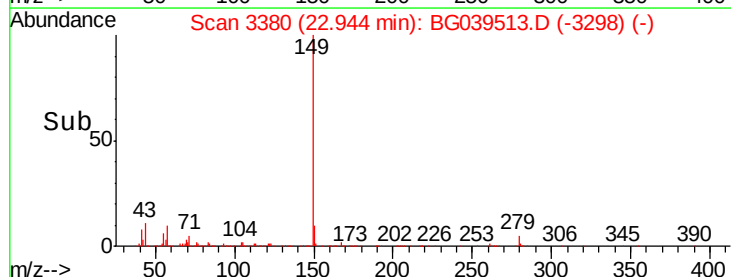
43 10.8 10.2 15.4

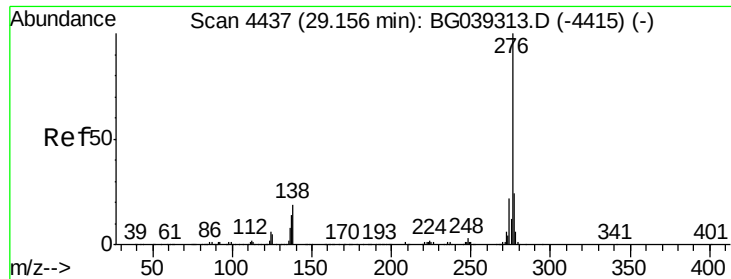


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

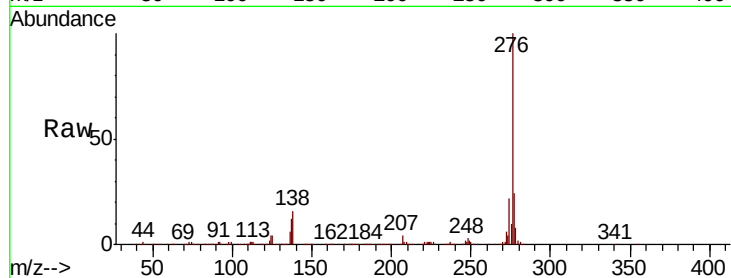




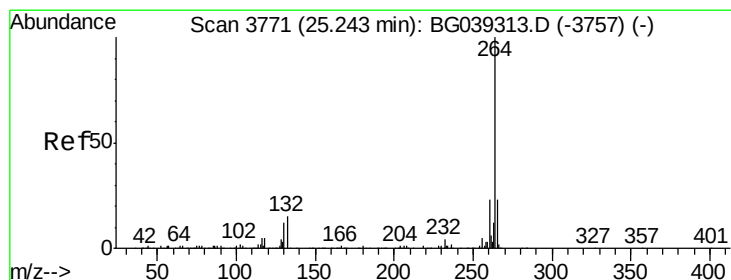
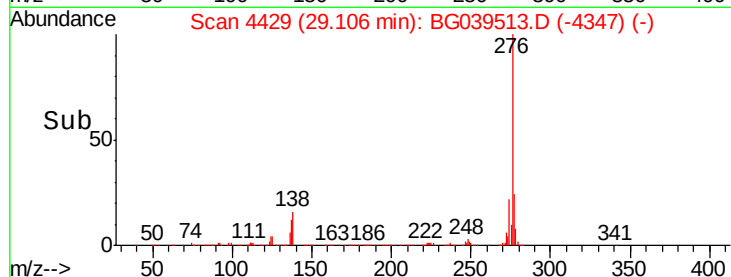
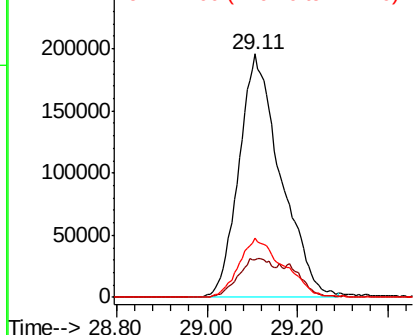
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 53.581 ng
 RT: 29.11 min Scan# 4429
 Delta R.T. -0.05 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

Tgt Ion:276 Resp: 1249870
 Ion Ratio Lower Upper
 276 100
 138 12.7 12.6 19.0
 277 26.1 20.8 31.2

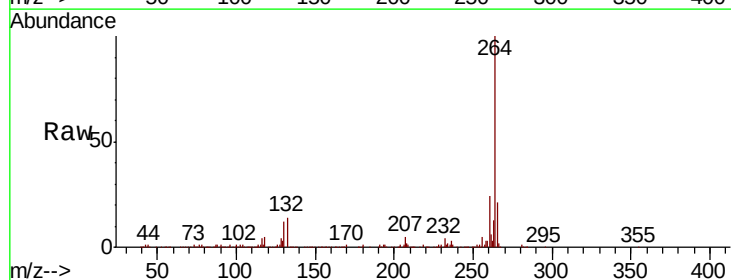


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

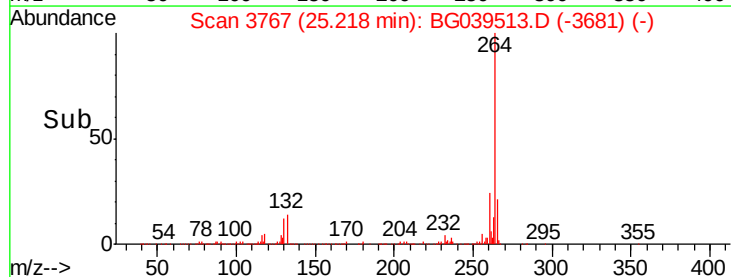
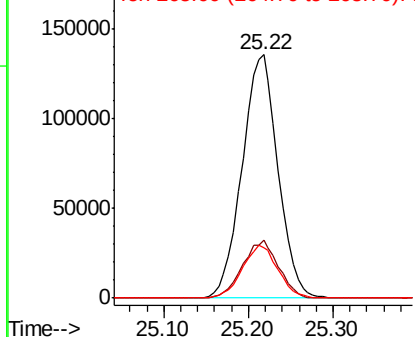


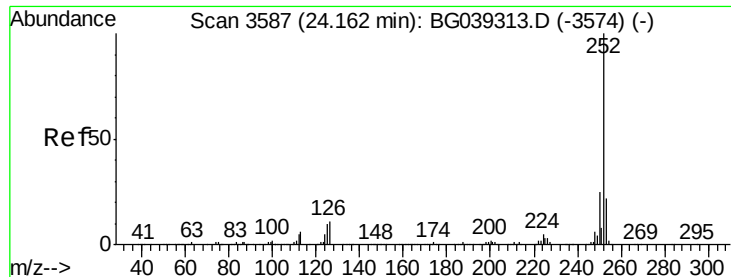
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.03 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:264 Resp: 399002
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 20.9 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 50.249 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

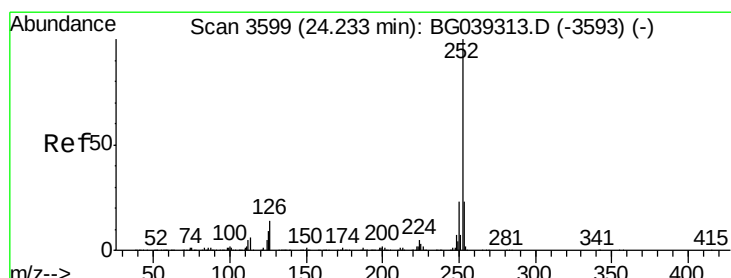
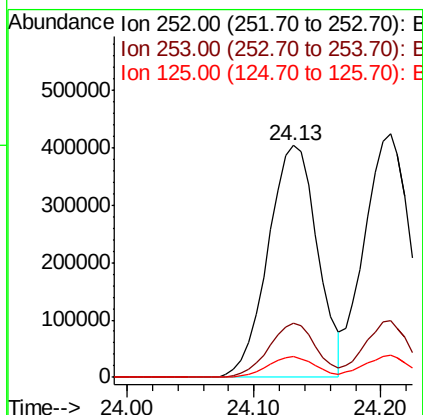
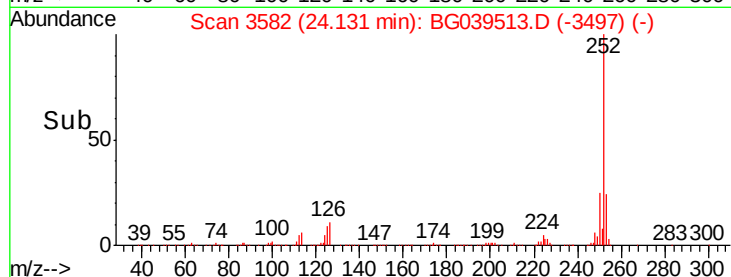
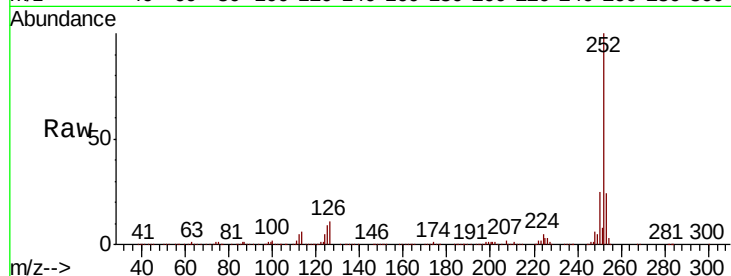
Tgt Ion:252 Resp: 1093418

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 8.8 7.8 11.6



#89

Benzo(k)fluoranthene

Concen: 48.846 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

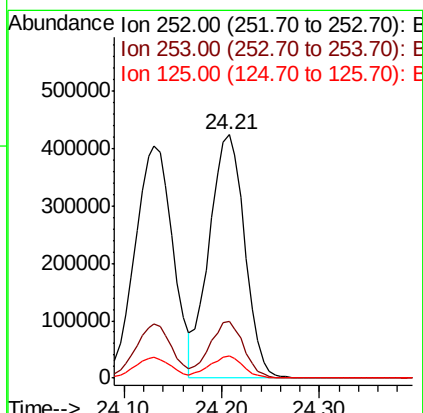
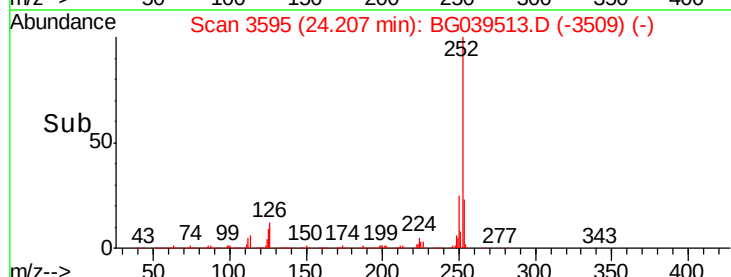
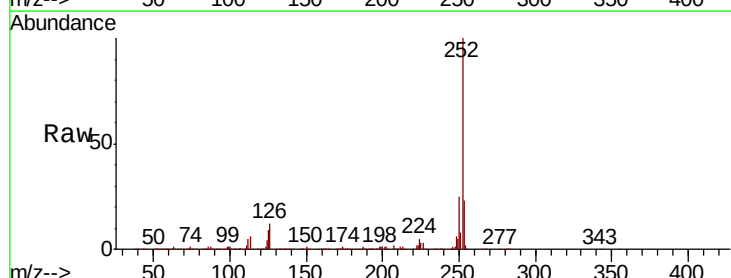
Tgt Ion:252 Resp: 1067116

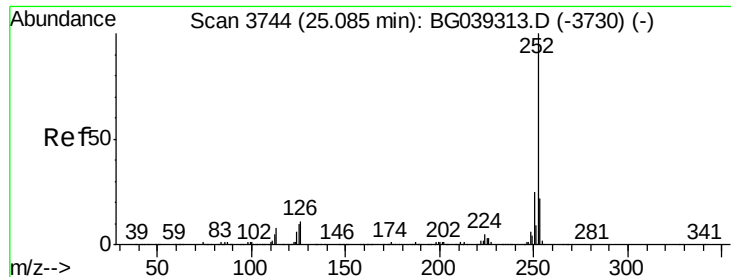
Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

125 9.3 7.4 11.2





#90

Benzo(a)pyrene

Concen: 50.594 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

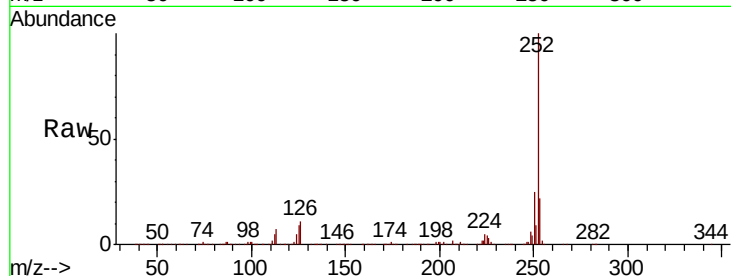
Tgt Ion:252 Resp: 1060262

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

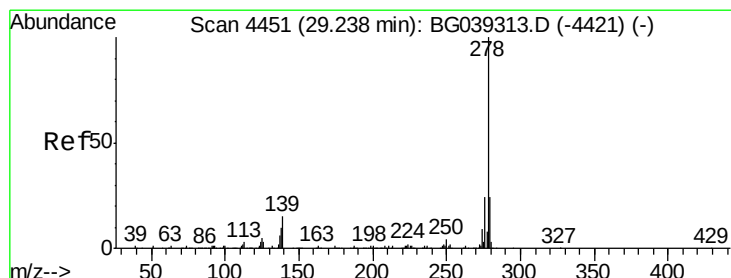
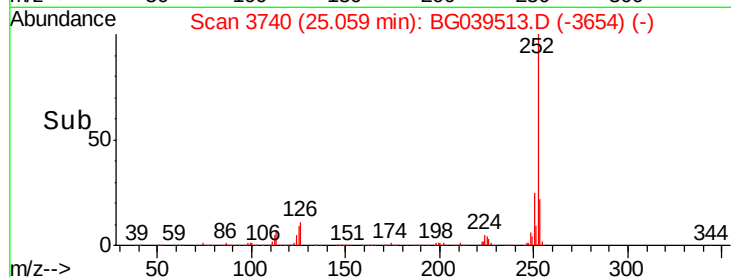
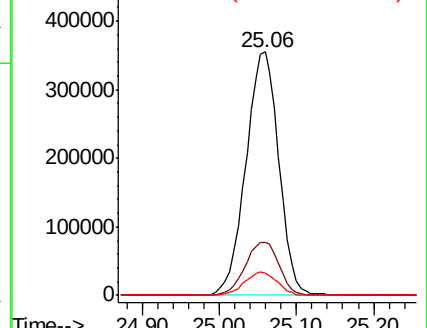
125 9.3 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 51.329 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.06 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

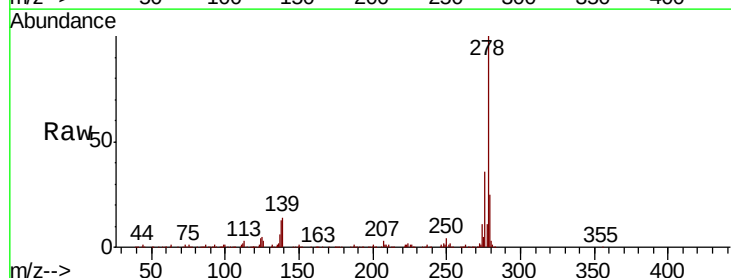
Tgt Ion:278 Resp: 1007368

Ion Ratio Lower Upper

278 100

139 13.9 11.7 17.5

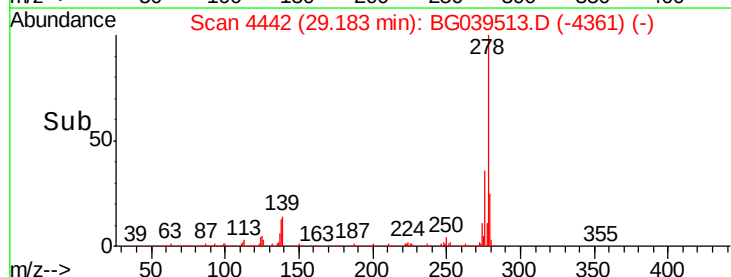
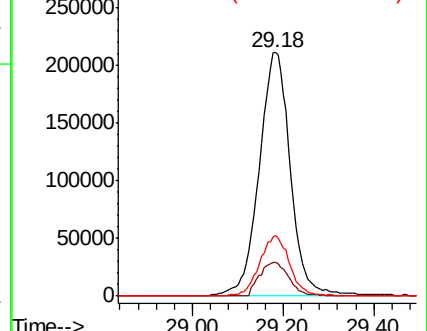
279 24.9 19.1 28.7

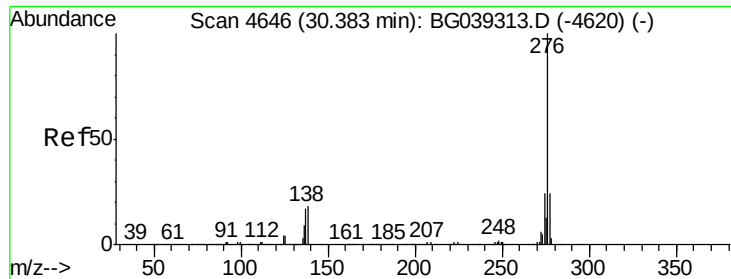


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.632 ng

RT: 30.34 min Scan# 4639

Delta R.T. -0.04 min

Lab File: BG039513.D

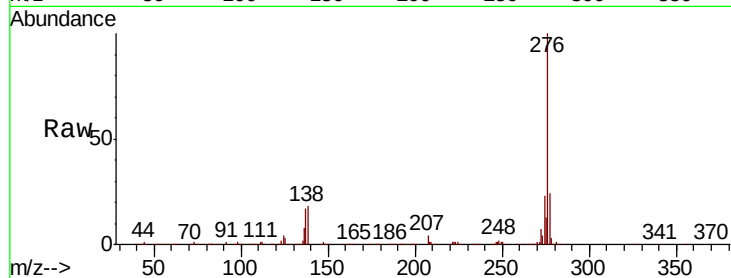
Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD



Tgt Ion: 276 Resp: 1029552

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 18.3 14.7 22.1

