

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
33) 4-Chloroaniline	11.15	127	10728	1.985	ng	95
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

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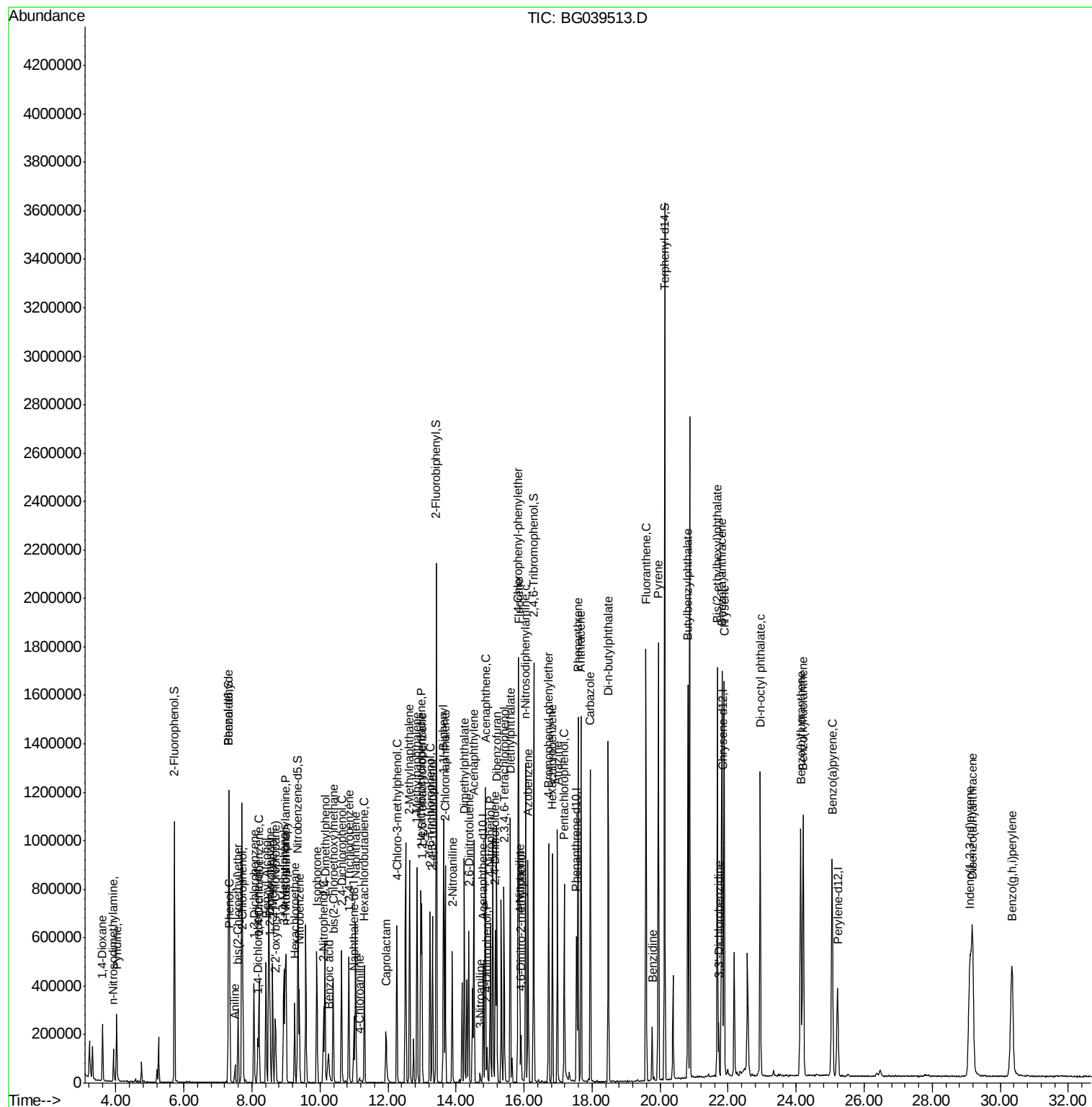
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	234635	81.260	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	178922	54.917	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	194387	56.926	nq	98
46) 1,1'-Biphenyl	13.63	154	594933	42.934	nq	99
47) 2-Chloronaphthalene	13.68	162	467901	44.886	nq	97
48) 2-Nitroaniline	13.89	65	163798	53.542	nq	93
49) Acenaphthylene	14.53	152	752638	47.850	nq	99
50) Dimethylphthalate	14.24	163	624946	46.462	nq	100
51) 2,6-Dinitrotoluene	14.37	165	139911	54.609	nq	98
52) Acenaphthene	14.86	154	463699	45.416	nq	99
53) 3-Nitroaniline	14.71	138	10320	9.138	nq	# 89
54) 2,4-Dinitrophenol	14.91	184	37954	44.043	nq	90
55) Dibenzofuran	15.20	168	743149	45.396	nq	99
56) 4-Nitrophenol	15.01	139	182291	75.321	nq	# 86
57) 2,4-Dinitrotoluene	15.15	165	196704	58.953	nq	# 88
58) Fluorene	15.84	166	586054	48.024	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	179850	56.252	nq	95
60) Diethylphthalate	15.60	149	617203	44.381	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	314283	45.483	nq	96
62) 4-Nitroaniline	15.87	138	134909	47.845	nq	89
63) Azobenzene	16.12	77	556350	40.930	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	47842	35.311	nq	94
66) n-Nitrosodiphenylamine	16.04	169	540322	45.753	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	207645	48.192	nq	92
68) Hexachlorobenzene	16.83	284	210145	48.611	nq	95
69) Atrazine	16.98	200	207045	47.975	nq	94
70) Pentachlorophenol	17.18	266	179371	59.700	nq	97
71) Phenanthrene	17.59	178	952982	47.408	nq	98
72) Anthracene	17.67	178	965865	48.780	nq	97
73) Carbazole	17.95	167	848949	42.962	nq	99
74) Di-n-butylphthalate	18.47	149	1034108	44.857	nq	99
75) Fluoranthene	19.58	202	1124993	48.217	nq	99
77) Benzidine	19.77	184	133266	10.516	nq	98
78) Pyrene	19.94	202	1127694	46.866	nq	99
80) Butylbenzylphthalate	20.81	149	490000	48.275	nq	97
81) Benzo(a)anthracene	21.81	228	1114553	48.800	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	77739	9.180	nq	100
83) Chrysene	21.88	228	1040352	47.851	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	667182	46.074	nq	# 98
85) Di-n-octyl phthalate	22.94	149	1154258	48.248	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1249870	53.581	nq	97
88) Benzo(b)fluoranthene	24.13	252	1093418	50.249	nq	97
89) Benzo(k)fluoranthene	24.21	252	1067116	48.846	nq	99
90) Benzo(a)pyrene	25.06	252	1060262	50.594	nq	98
91) Dibenzo(a,h)anthracene	29.18	278	1007368	51.329	nq	98
92) Benzo(g,h,i)perylene	30.34	276	1029552	52.632	nq	99

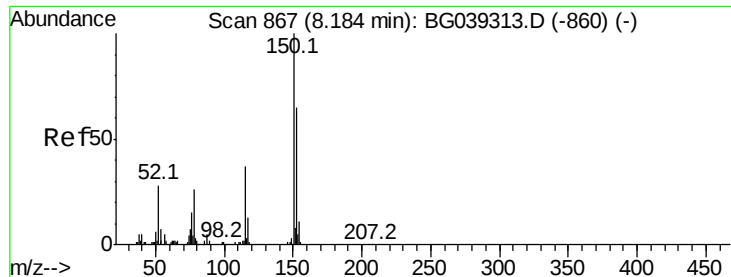
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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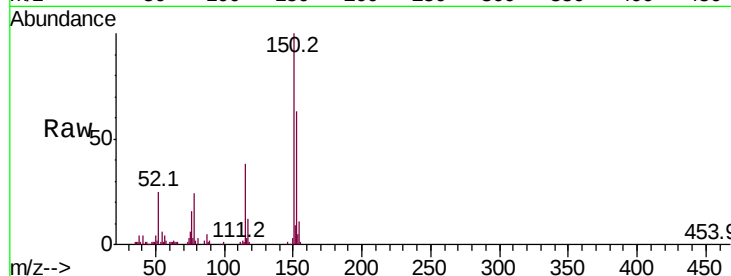


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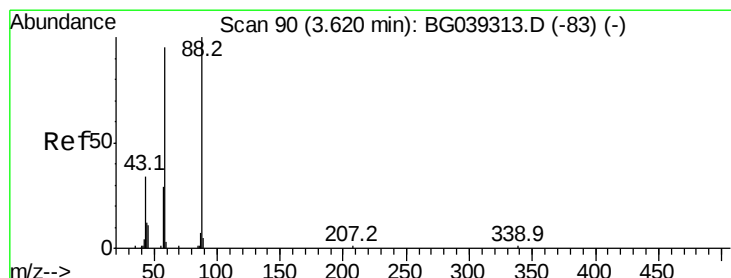
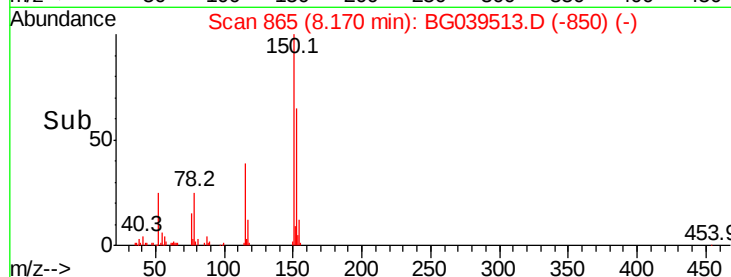
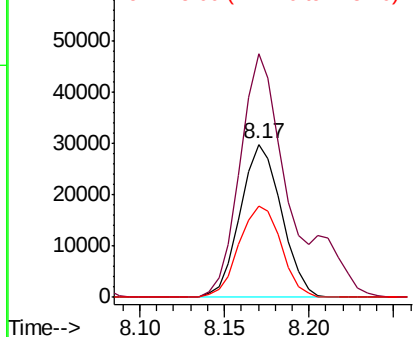
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

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



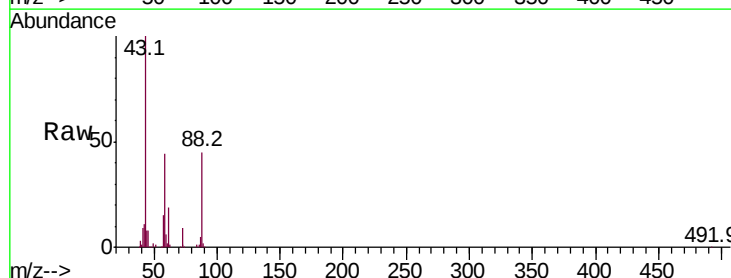
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



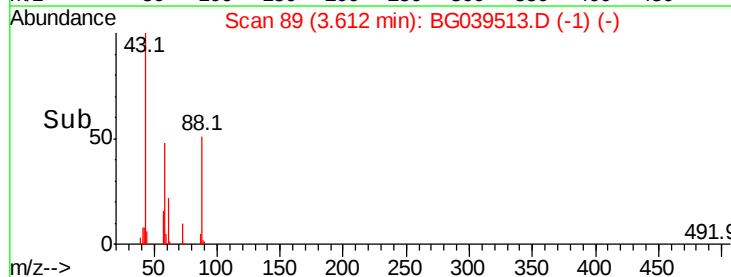
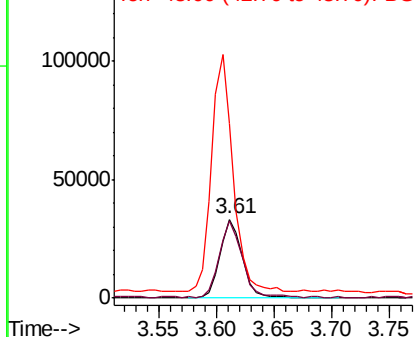
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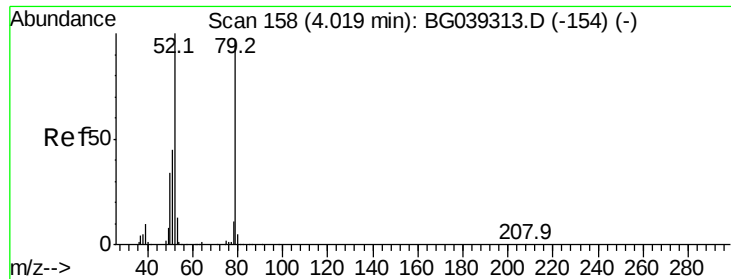
1,4-Dioxane
Concen: 34.657 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

Pvridine

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

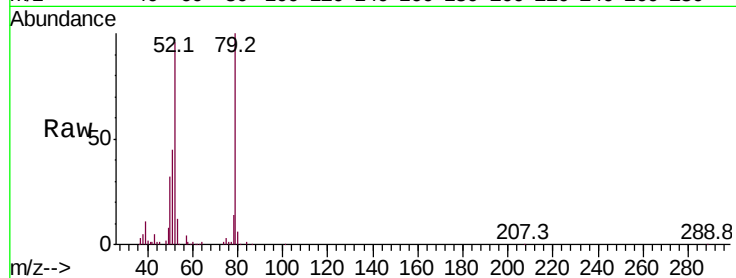
Tot Ion: 79 Resp: 124809

Ion Ratio Lower Upper

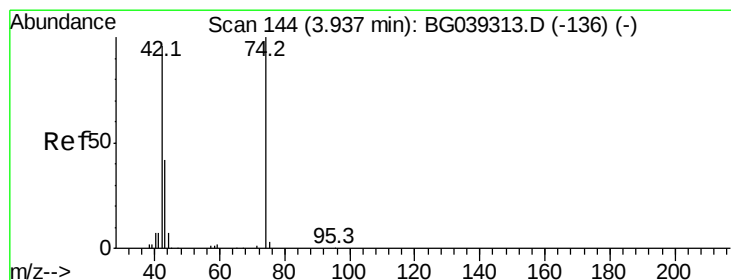
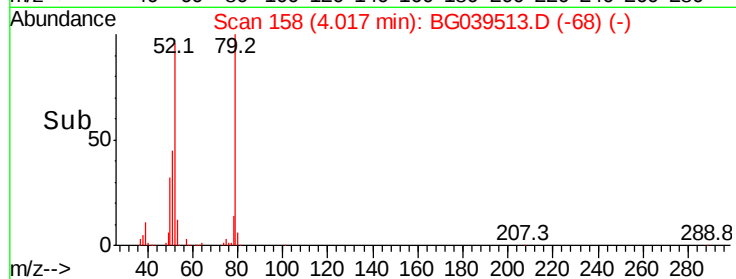
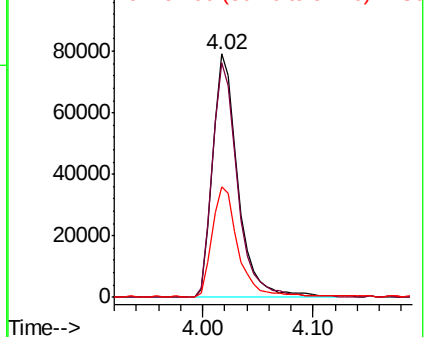
79 100

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

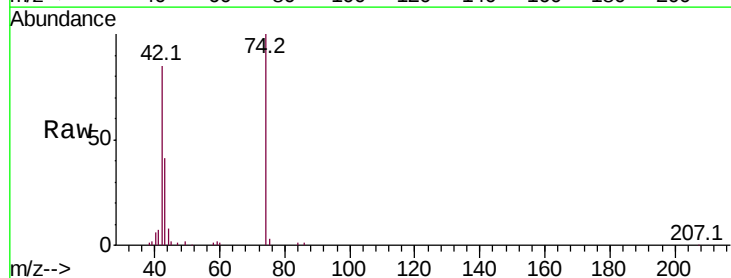
Tgt Ion: 42 Resp: 70618

Ion Ratio Lower Upper

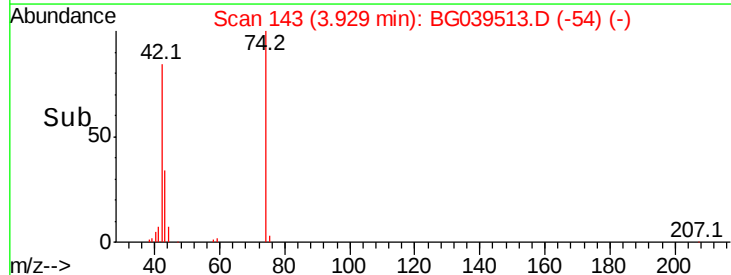
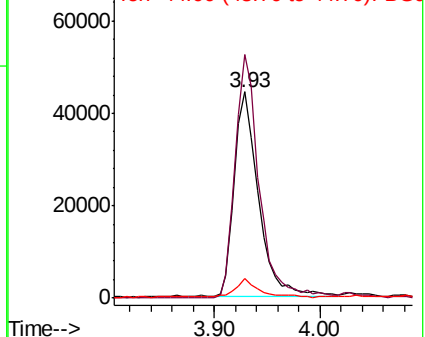
42 100

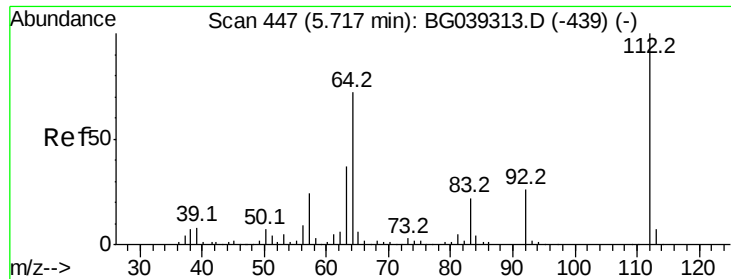
74 118.1 83.6 125.4

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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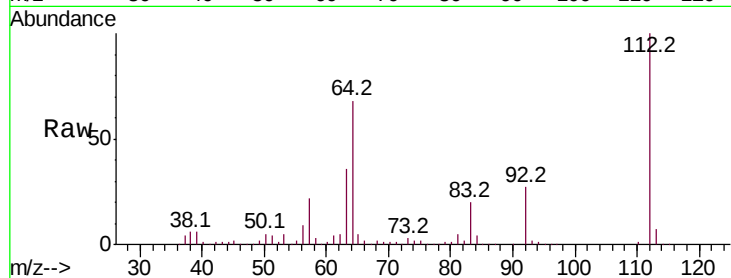
Tot Ion:112 Resp: 451555

Ion Ratio Lower Upper

112 100

64 67.5 57.8 86.8

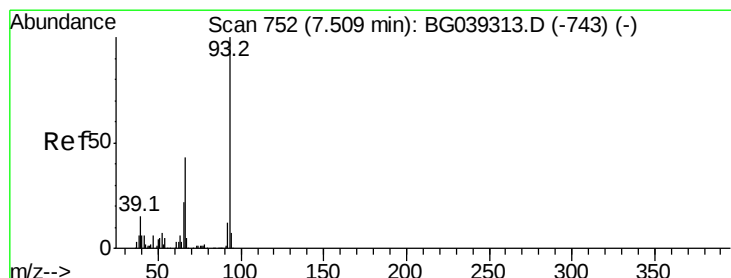
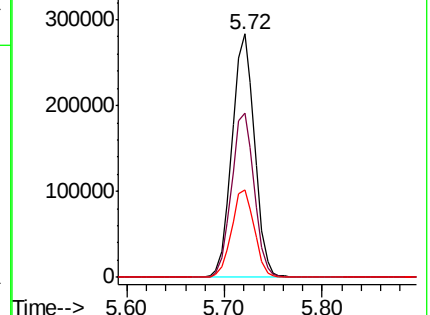
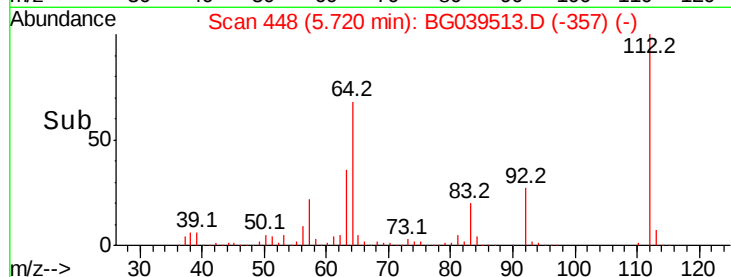
63 36.0 29.8 44.6



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

Acq: 14 Feb 2019 19:19

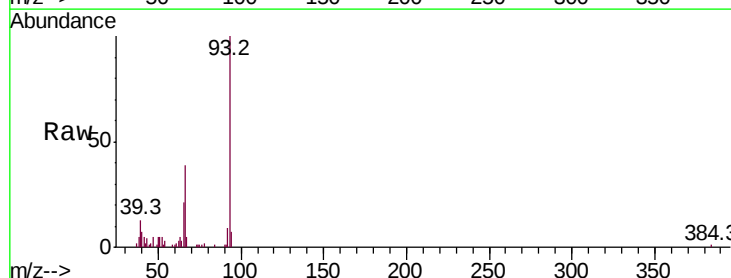
Tgt Ion: 93 Resp: 48426

Ion Ratio Lower Upper

93 100

66 38.6 34.2 51.4

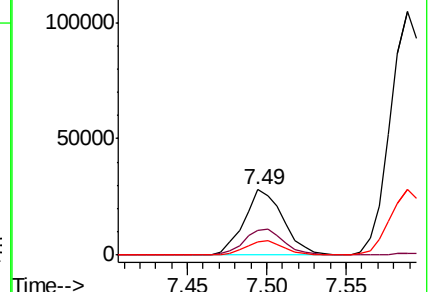
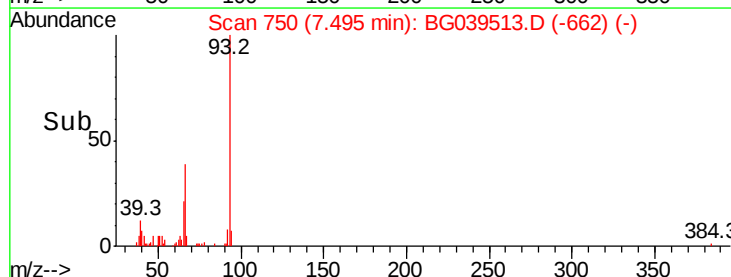
65 20.5 17.7 26.5

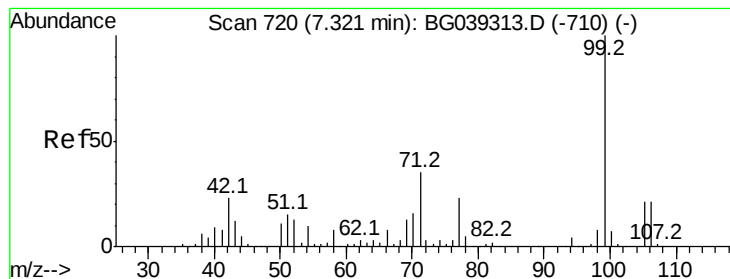


Abundance Ion 93.00 (92.70 to 93.70): BGC

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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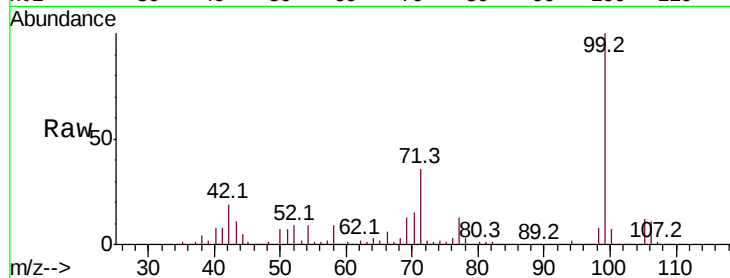
Tot Ion: 99 Resp: 595014

Ion Ratio Lower Upper

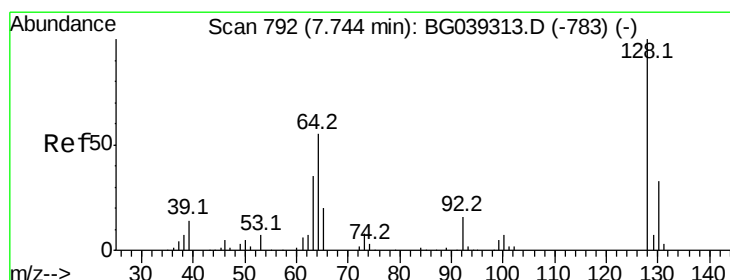
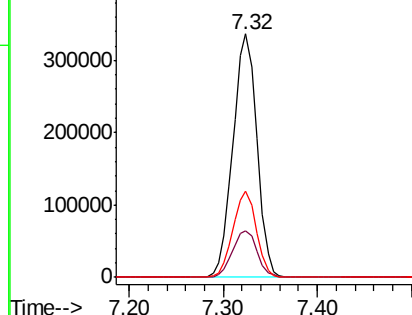
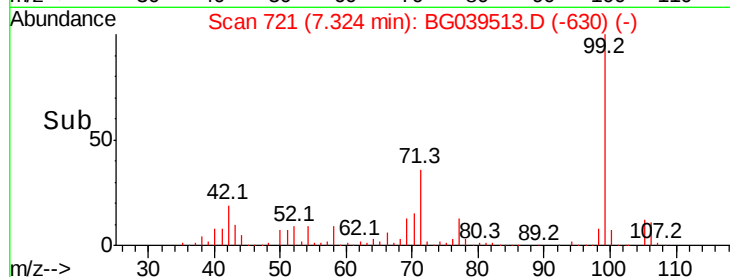
99 100

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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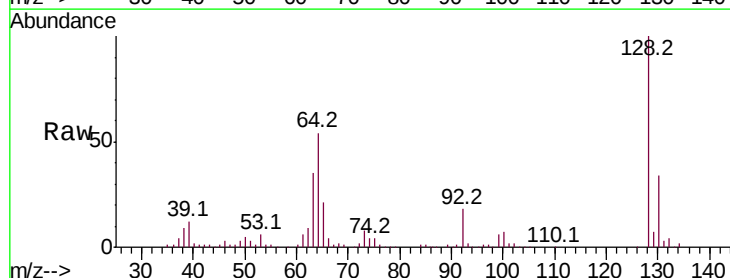
Tgt Ion:128 Resp: 174486

Ion Ratio Lower Upper

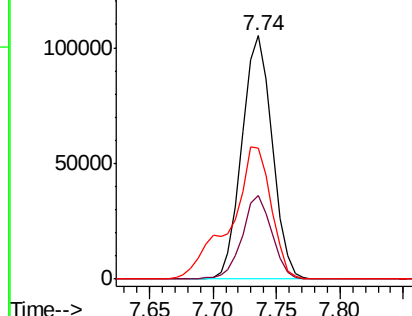
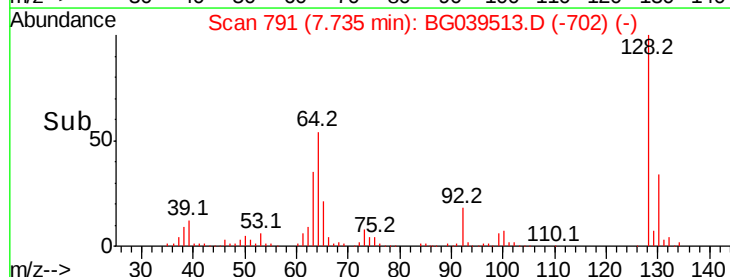
128 100

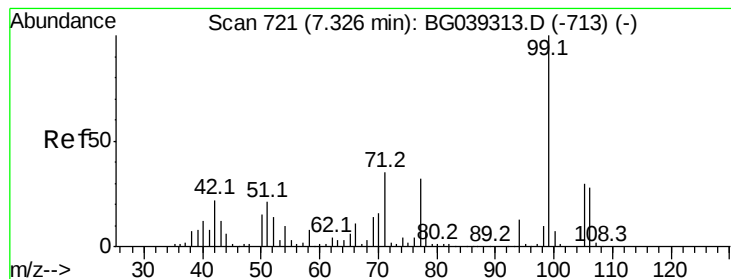
130 34.5 12.9 52.9

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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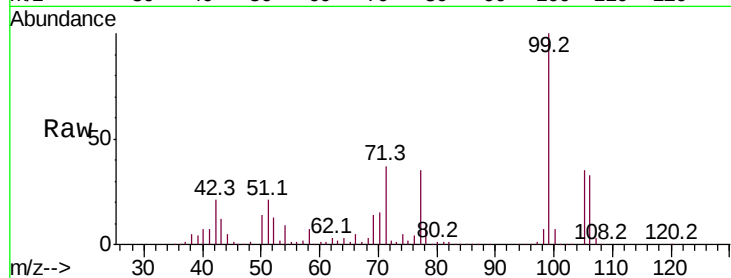
Tot Ion: 77 Resp: 132222

Ion Ratio Lower Upper

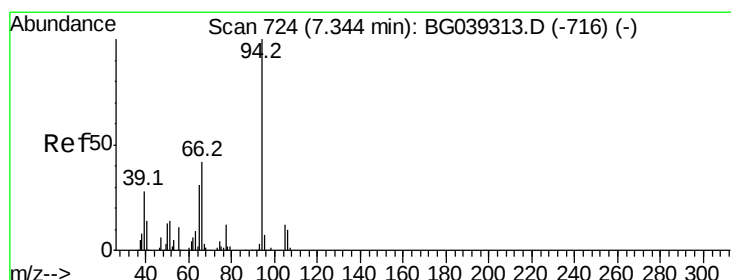
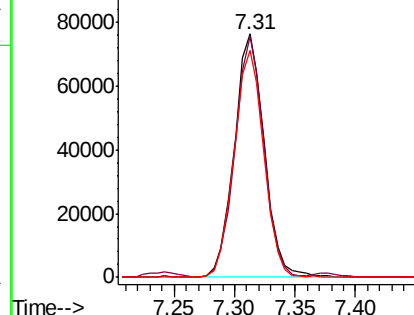
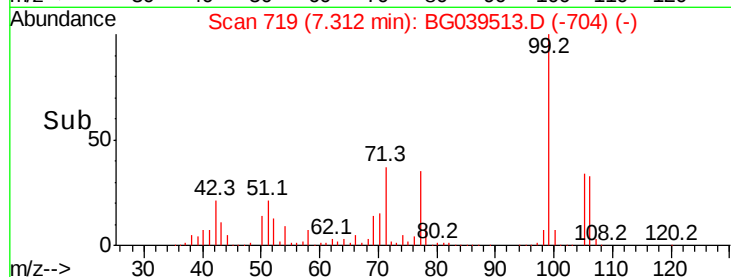
77 100

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

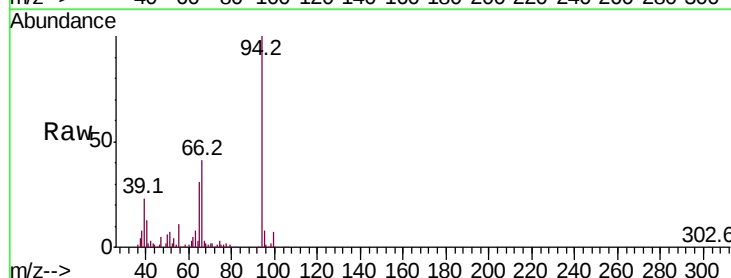
Tgt Ion: 94 Resp: 193053

Ion Ratio Lower Upper

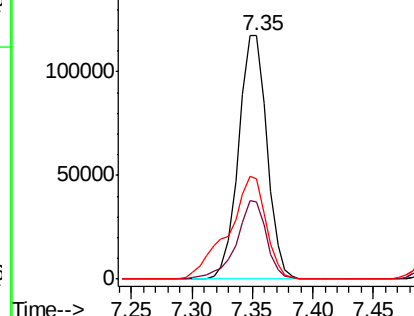
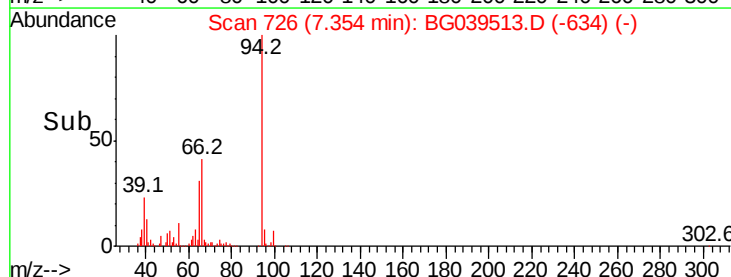
94 100

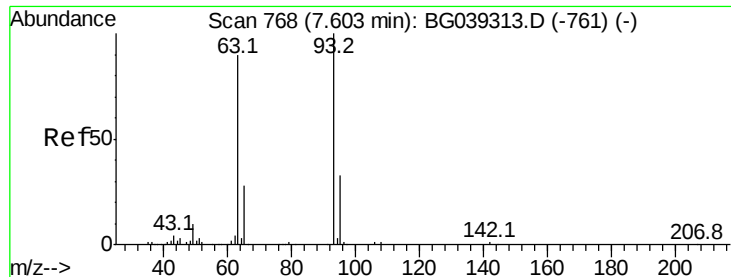
65 31.5 11.7 51.7

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

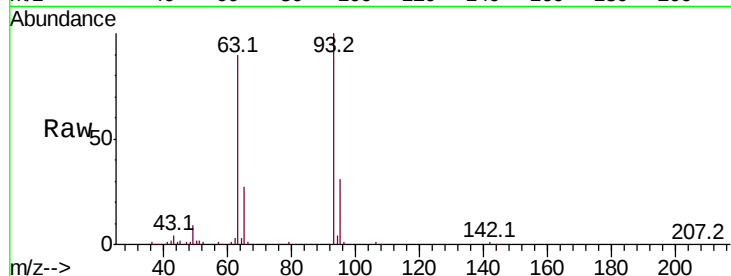
Tot Ion: 93 Resp: 166178

Ion Ratio Lower Upper

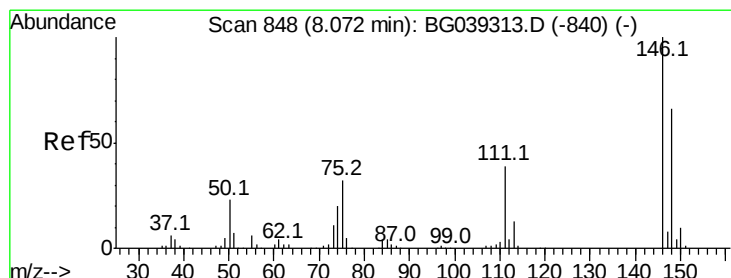
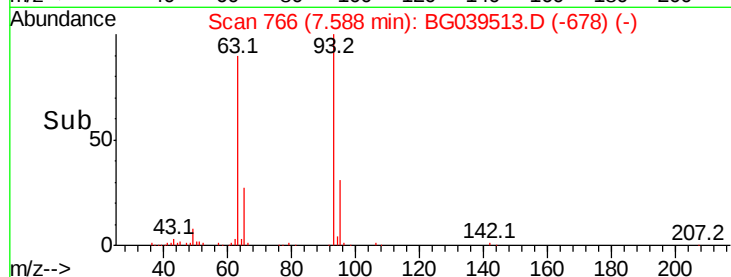
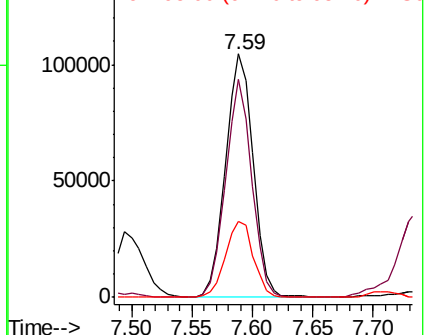
93 100

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

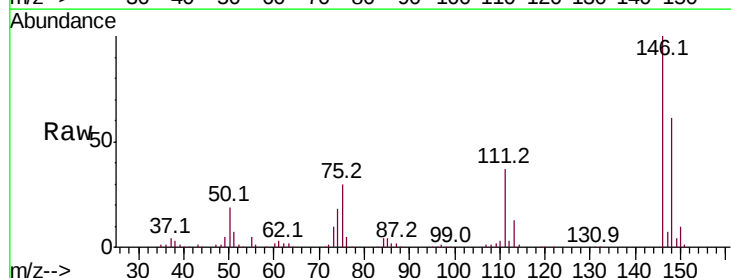
Tgt Ion: 146 Resp: 176742

Ion Ratio Lower Upper

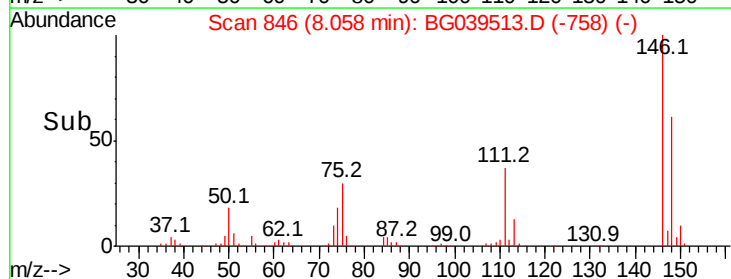
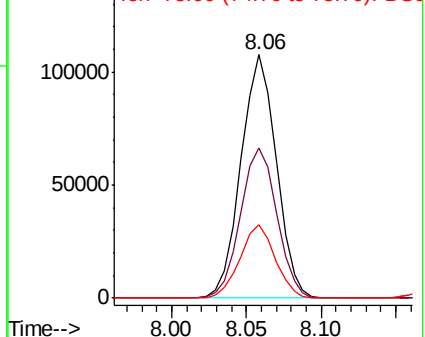
146 100

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

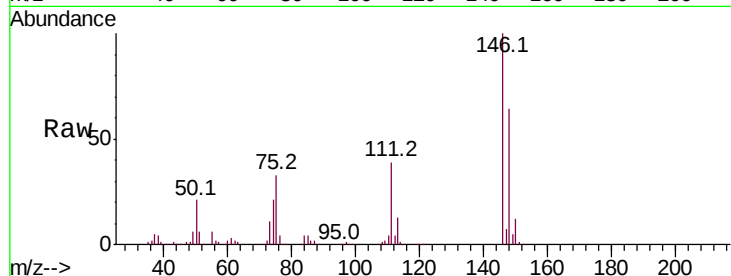
Tot Ion:146 Resp: 178238

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

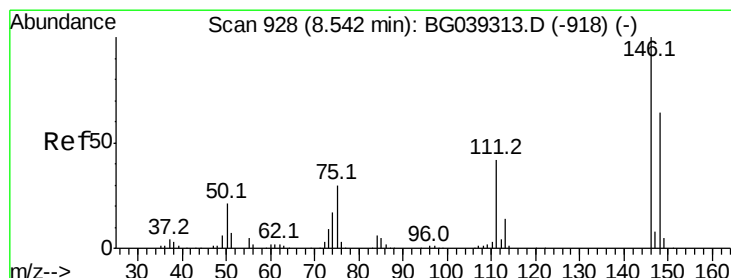
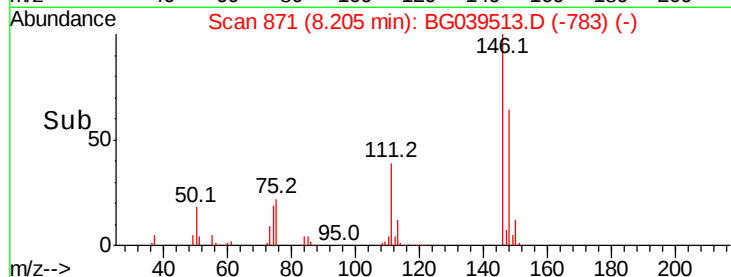
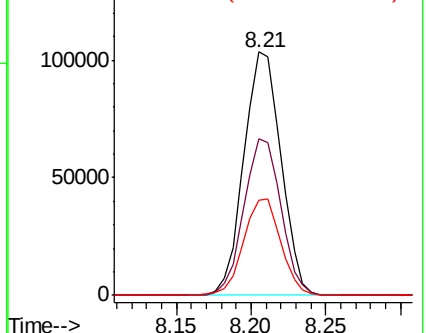
111 39.2 32.6 48.8



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

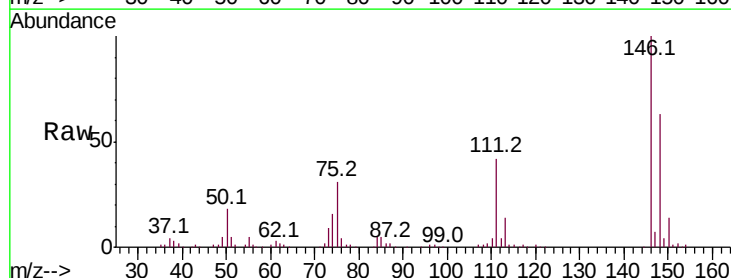
Tgt Ion:146 Resp: 170407

Ion Ratio Lower Upper

146 100

148 62.9 51.5 77.3

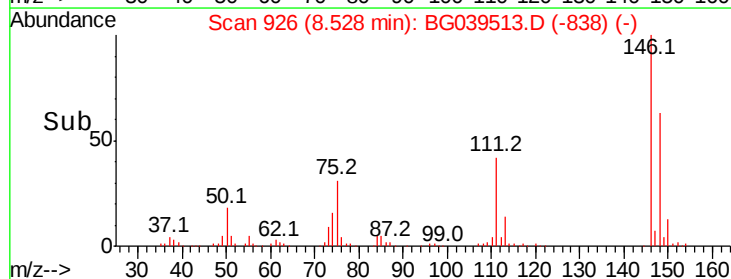
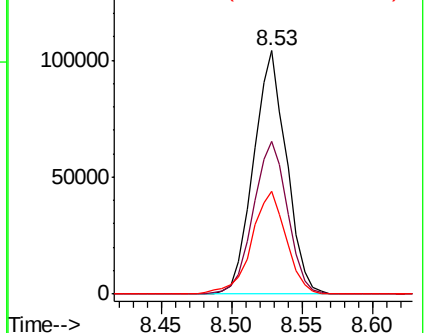
111 42.4 33.8 50.6

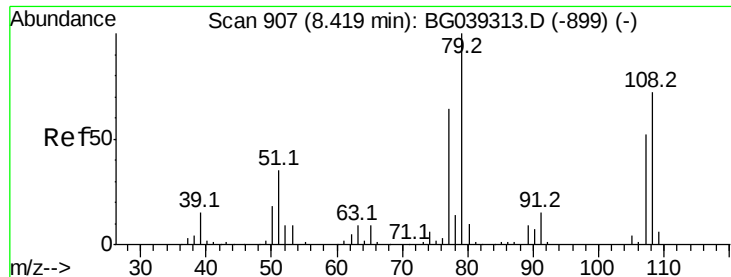


Abundance Ion 146.00 (145.70 to 146.70): E

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

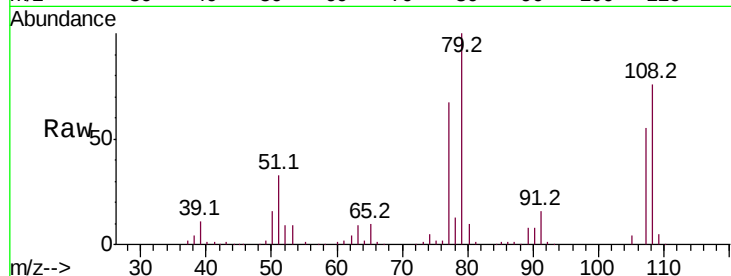
Tot Ion: 79 Resp: 175478

Ion Ratio Lower Upper

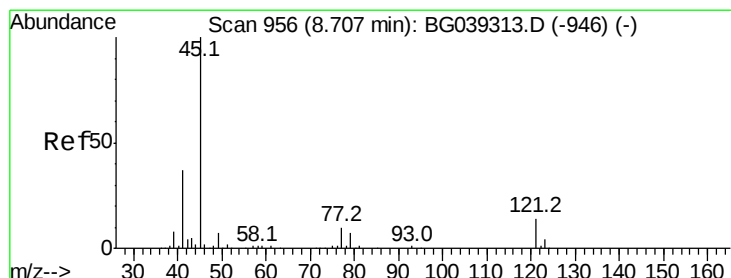
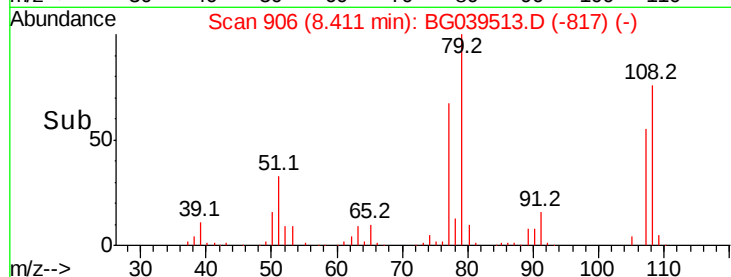
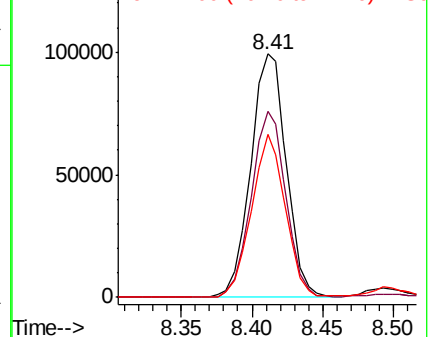
79 100

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

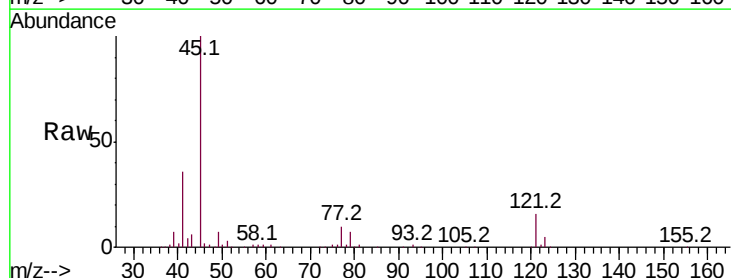
Tgt Ion: 45 Resp: 312449

Ion Ratio Lower Upper

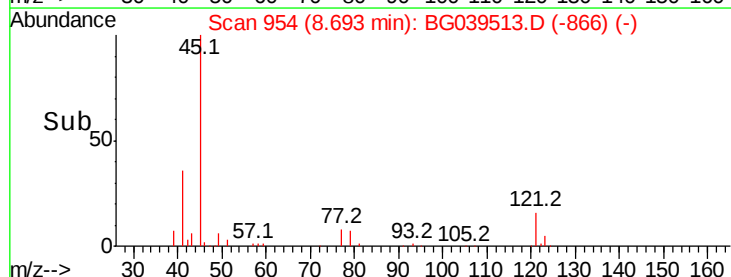
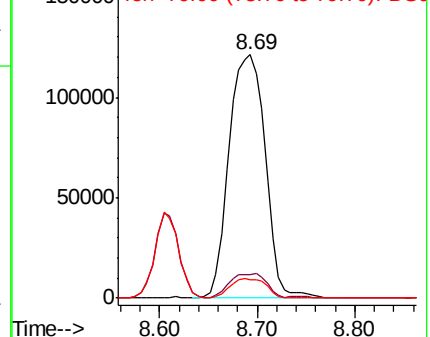
45 100

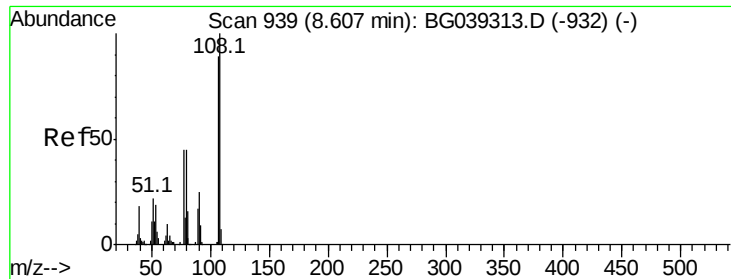
77 9.5 0.0 30.0

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

Tot Ion:107 Resp: 154066

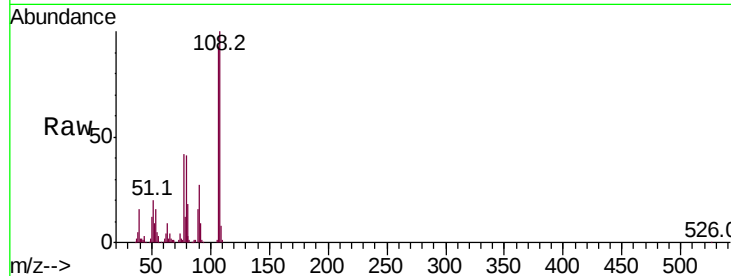
Ion Ratio Lower Upper

107 100

108 107.7 90.8 136.2

77 45.2 40.7 61.1

79 44.0 40.6 60.8

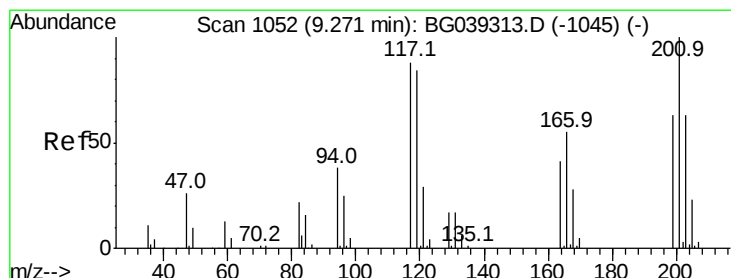
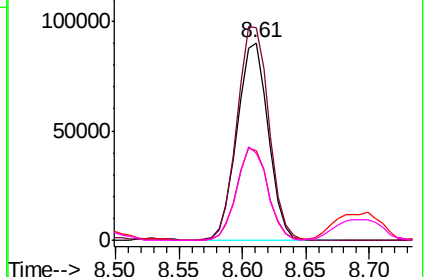
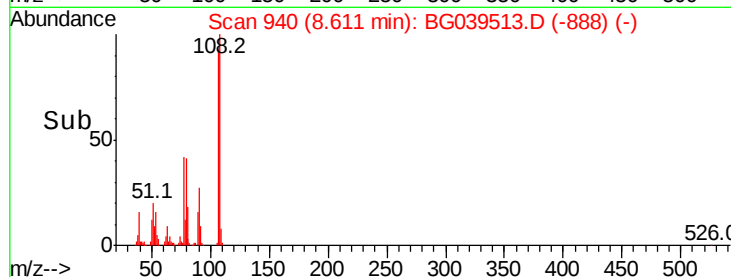


Abundance Ion 107.00 (106.70 to 107.70): E

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

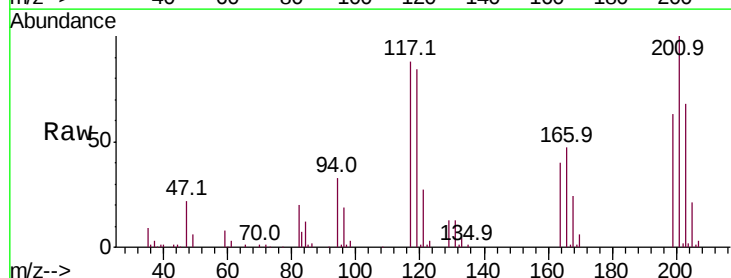
Tgt Ion:117 Resp: 62939

Ion Ratio Lower Upper

117 100

119 95.7 76.3 114.5

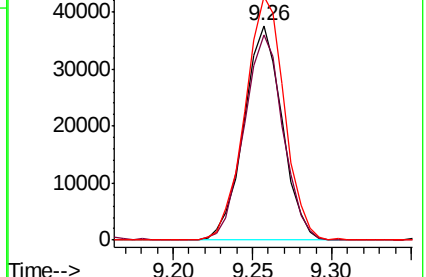
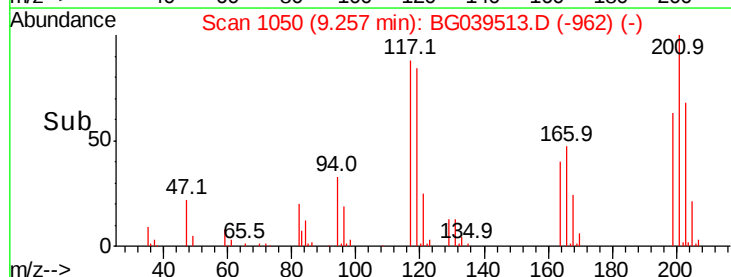
201 113.6 91.1 136.7

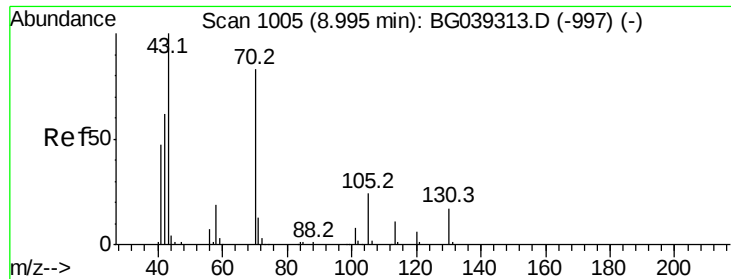


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

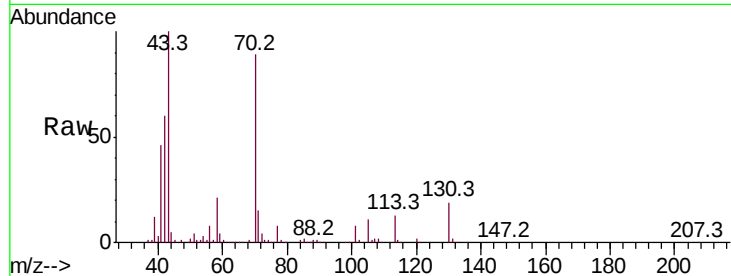




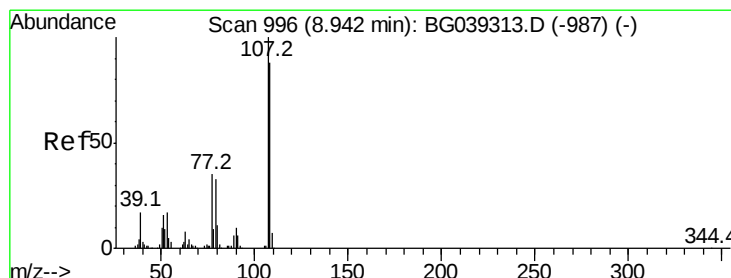
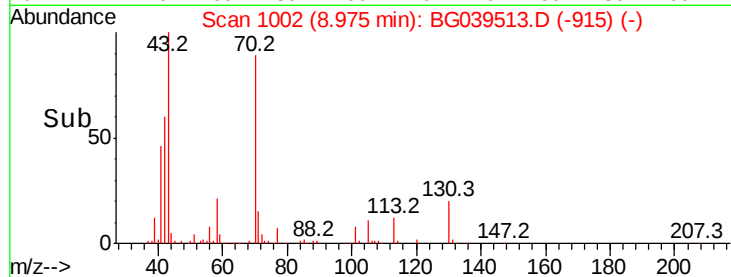
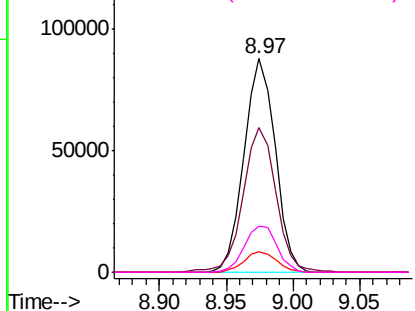
#19
n-Nitroso-di-n-propylamine
Concen: 45.783 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

Tot 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



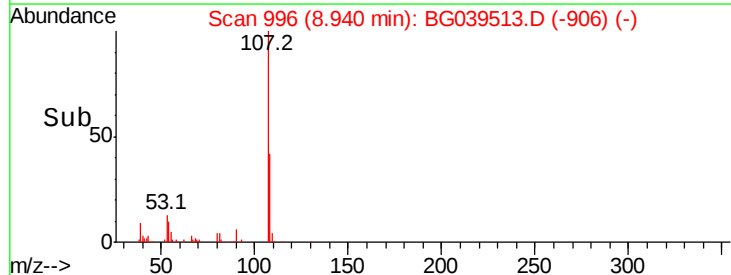
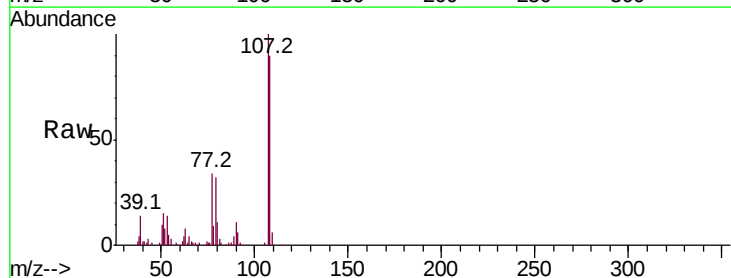
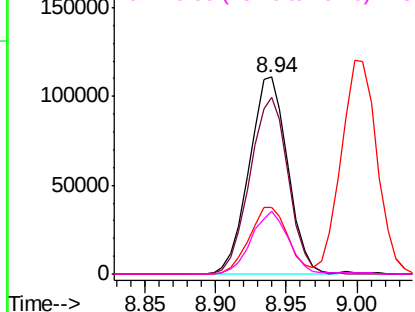
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

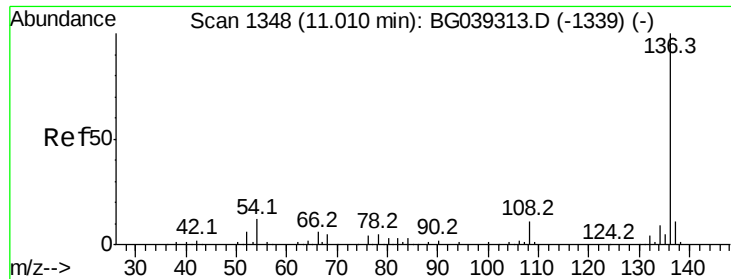


#20
3+4-Methylphenols
Concen: 52.740 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

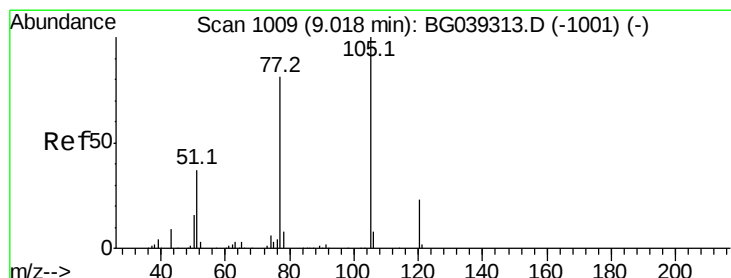
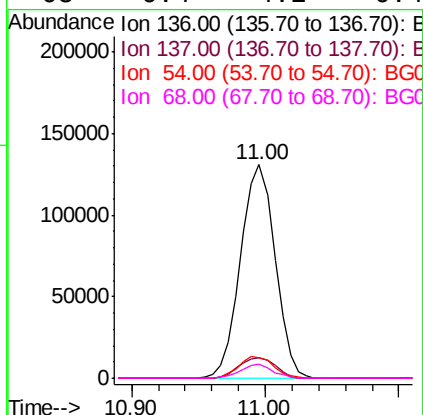
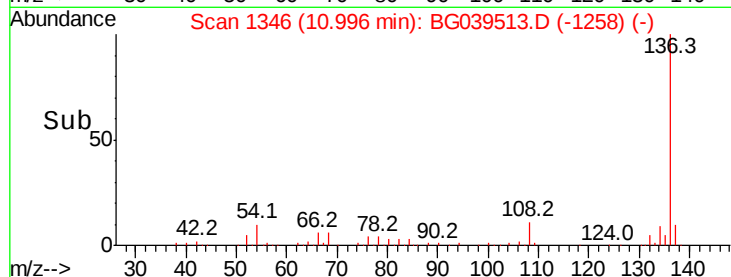
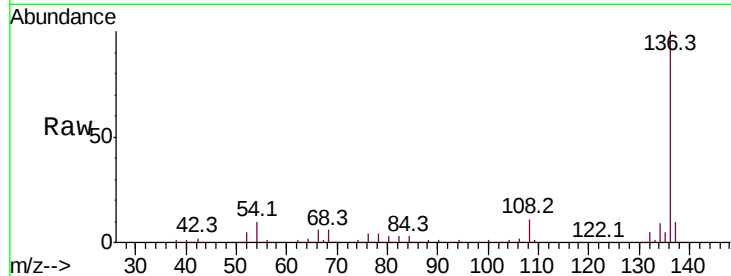




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

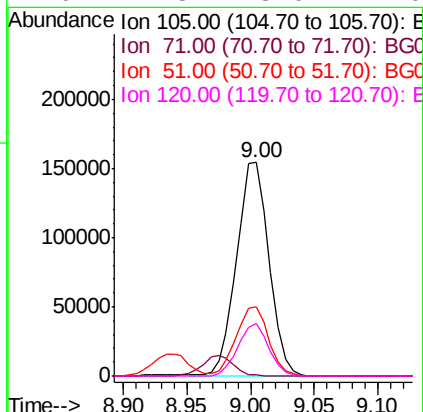
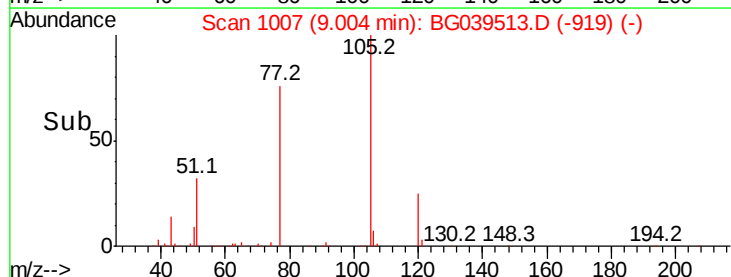
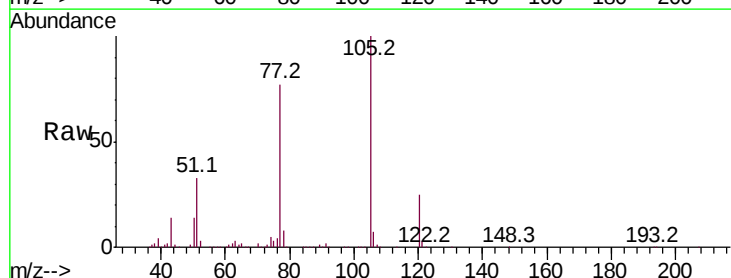
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

Tot 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

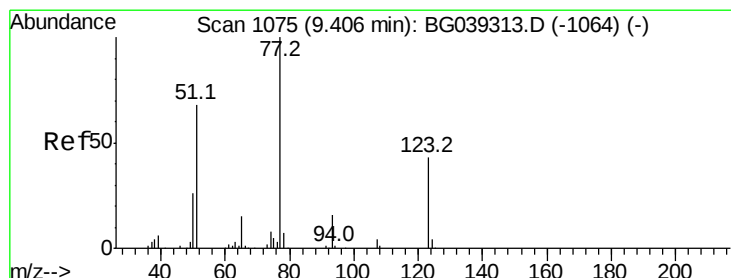
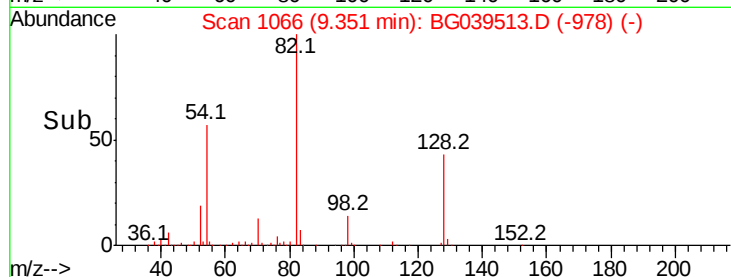
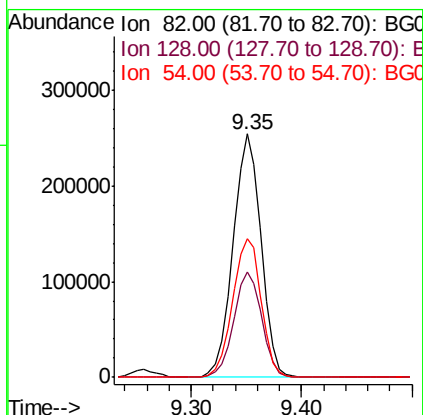
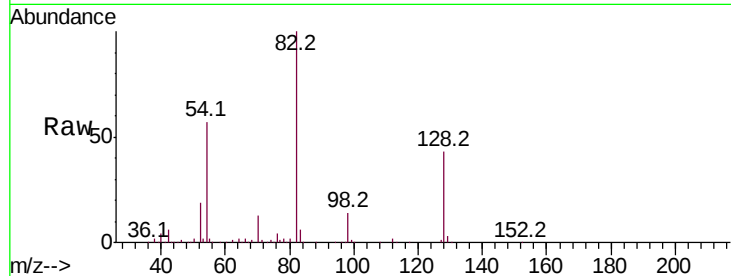




#23
 Nitrobenzene-d5
 Concen: 119.972 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

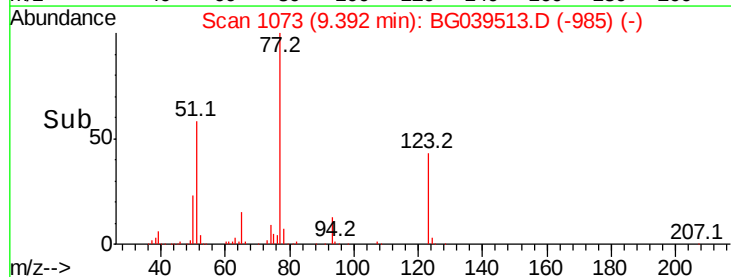
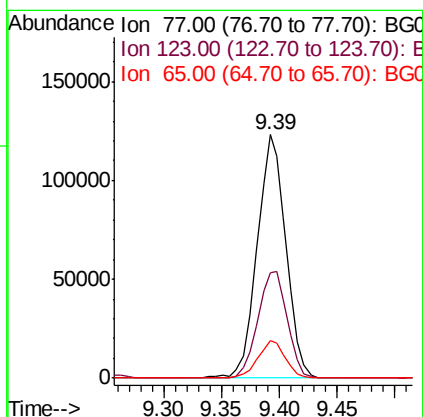
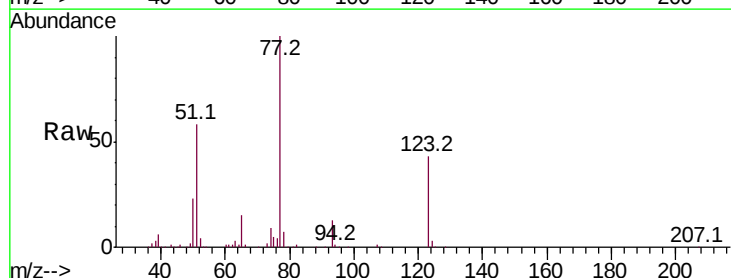
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

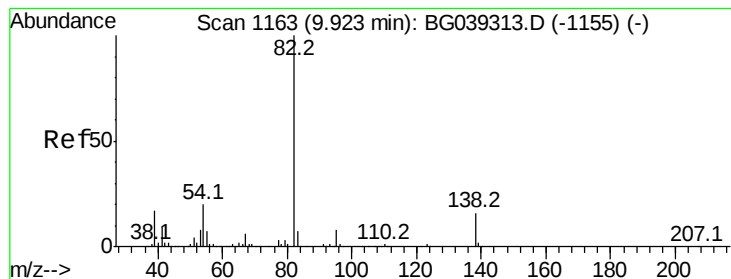
Tot Ion: 82 Resp: 451285
 Ion Ratio Lower Upper
 82 100
 128 43.3 31.3 46.9
 54 57.1 50.9 76.3



#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





#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

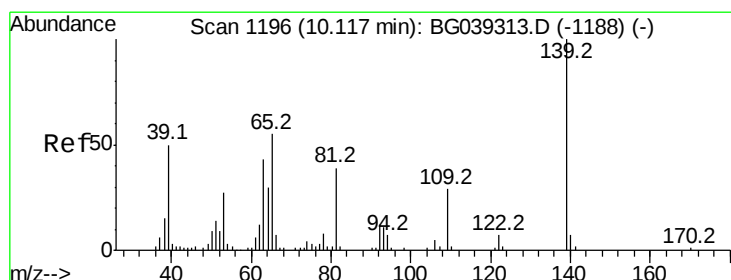
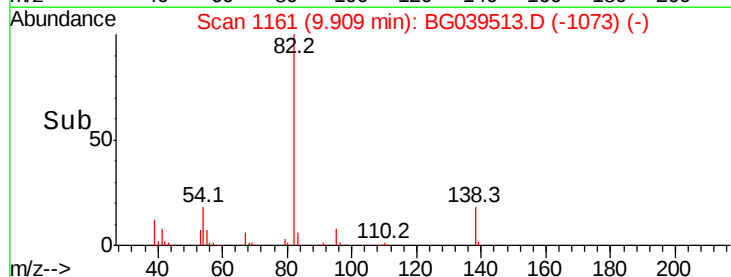
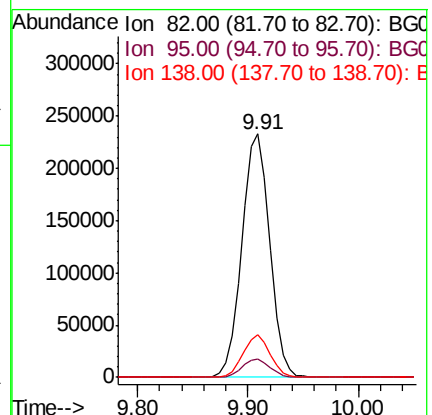
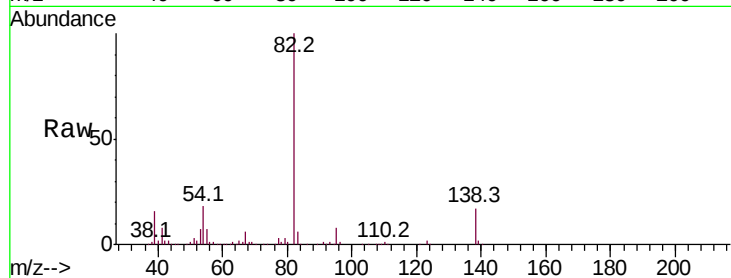
Tot Ion: 82 Resp: 411897

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

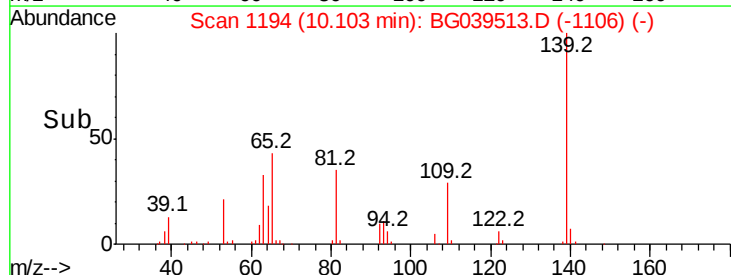
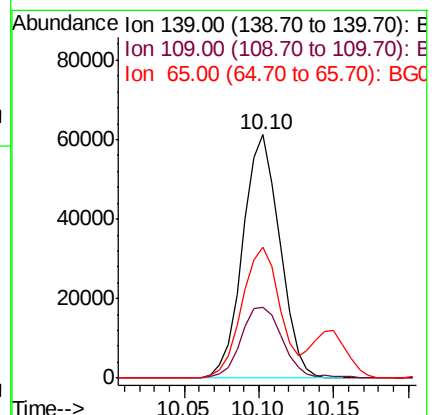
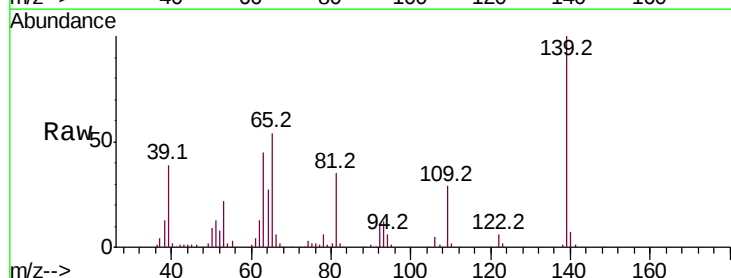
Tgt Ion: 139 Resp: 105095

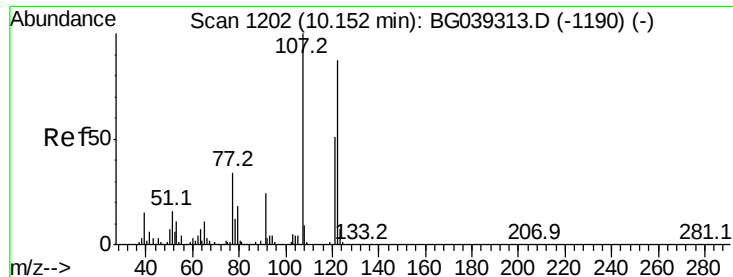
Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.0

65 54.1 44.3 66.5

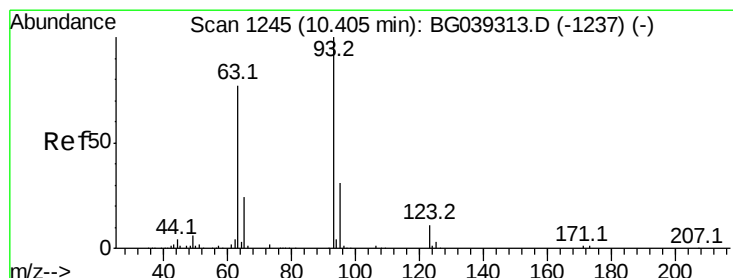
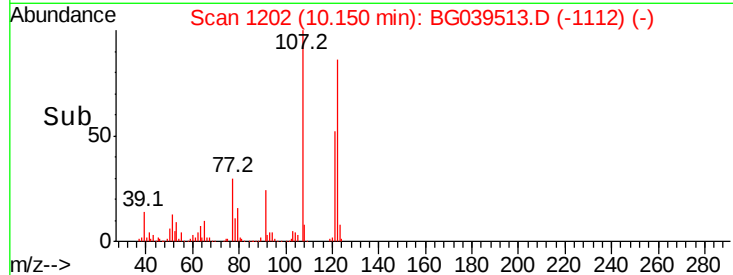
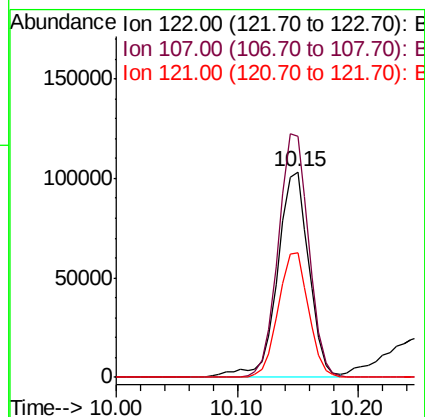
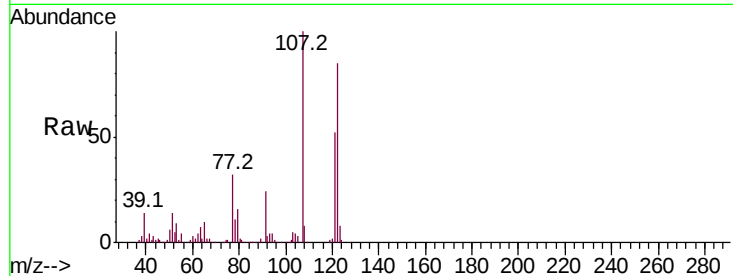




#27
2,4-Dimethylphenol
Concen: 54.817 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

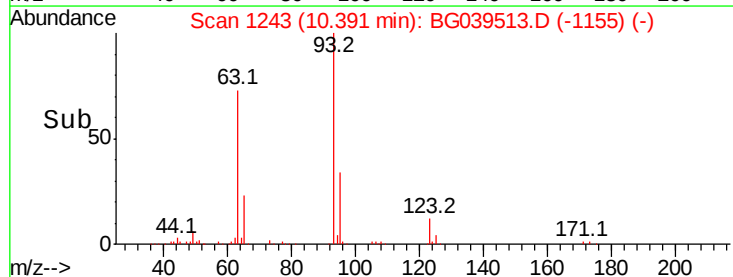
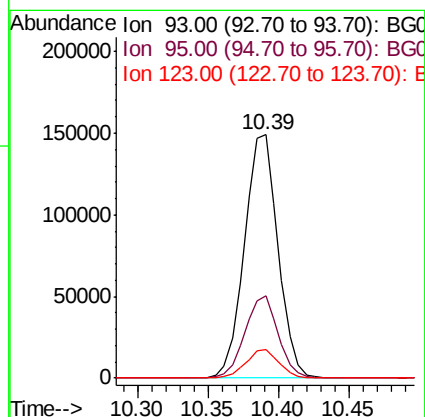
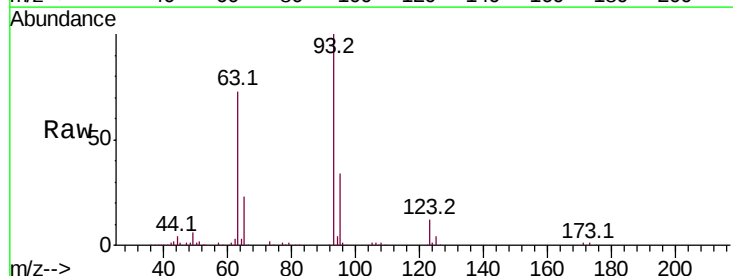
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

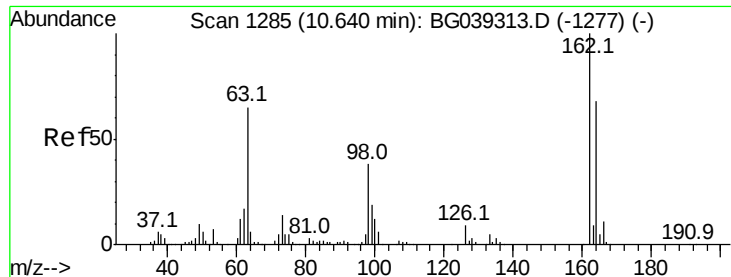
Tot Ion:122 Resp: 184843
Ion Ratio Lower Upper
122 100
107 117.2 91.7 137.5
121 60.7 46.4 69.6



#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: 93 Resp: 247939
Ion Ratio Lower Upper
93 100
95 33.7 25.0 37.4
123 11.7 8.6 12.8

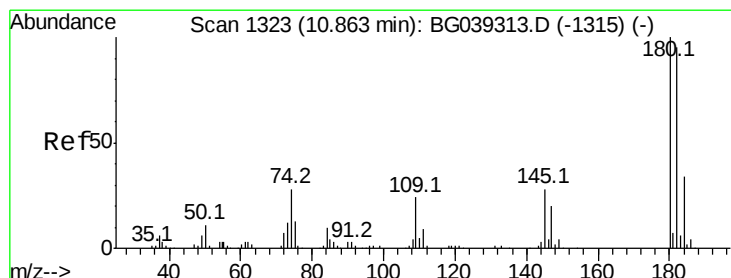
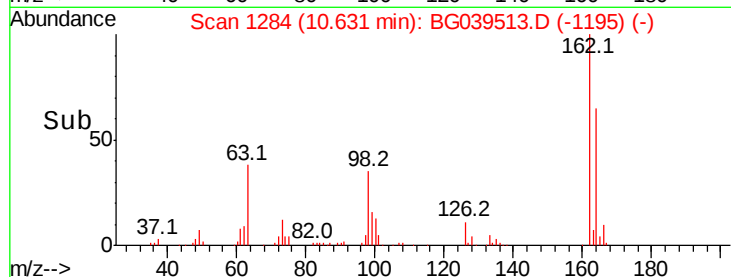
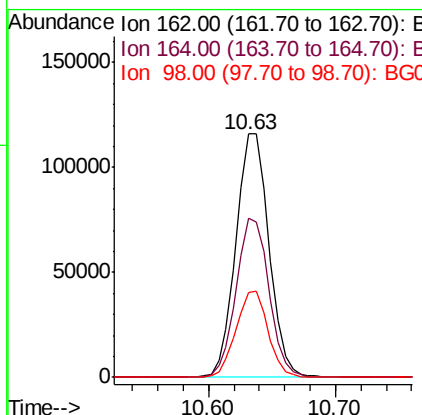
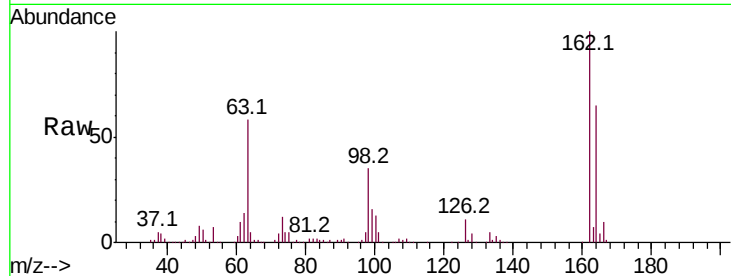




#29
 2,4-Dichlorophenol
 Concen: 56.997 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

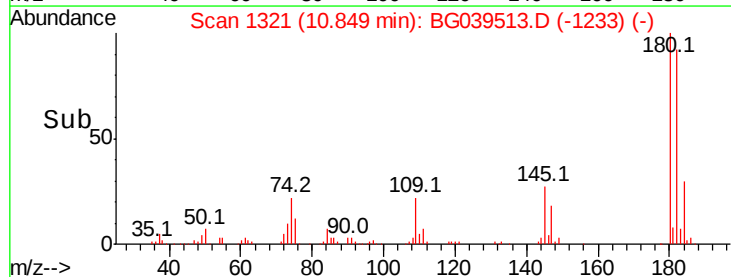
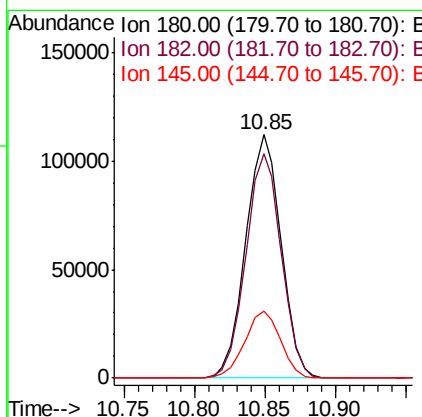
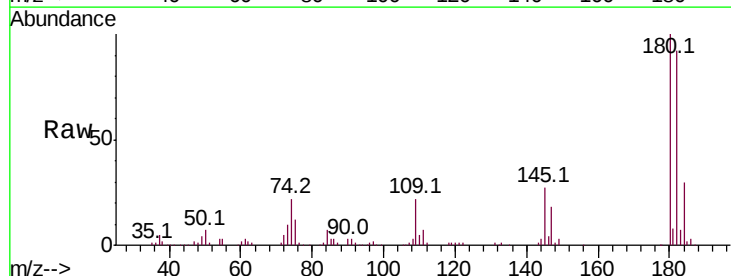
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

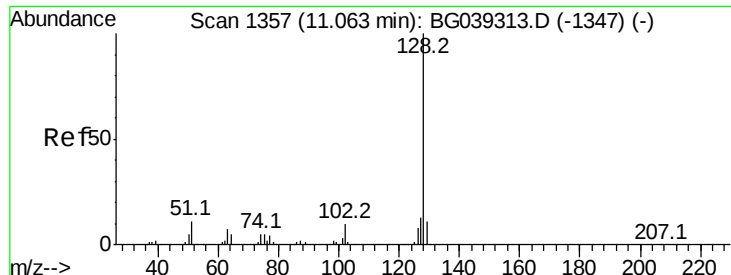
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.1	88.1
98	34.6	18.1	58.1



#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

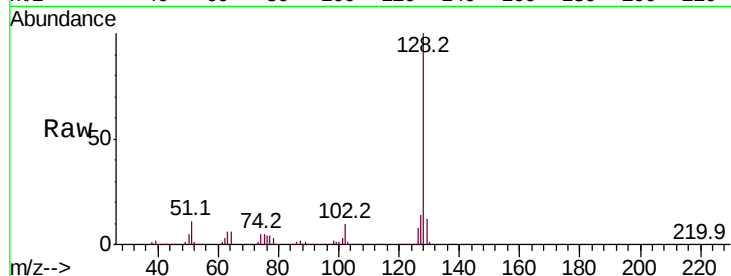




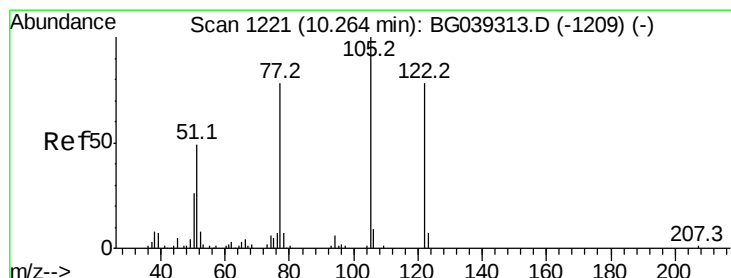
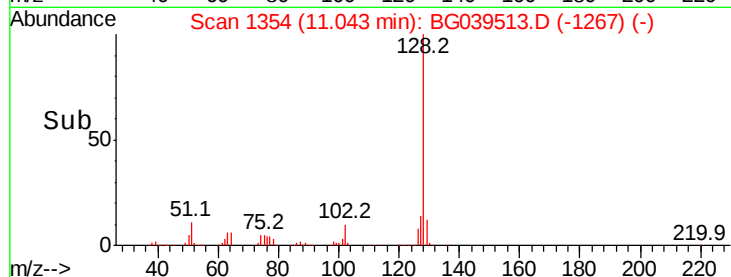
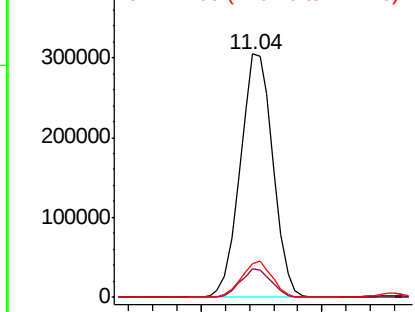
#31
Naphthalene
Concen: 49.149 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

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

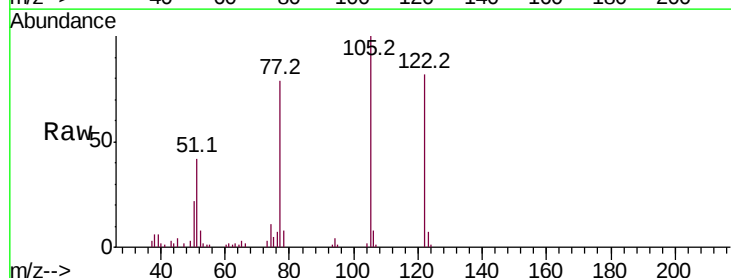


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

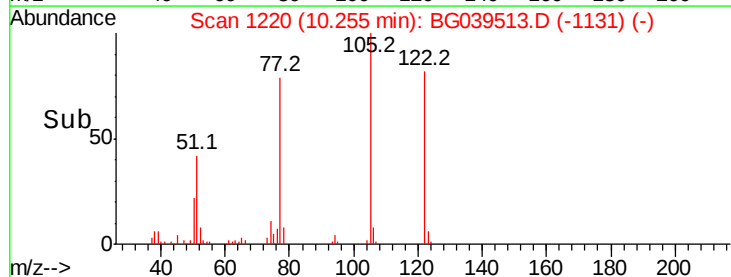
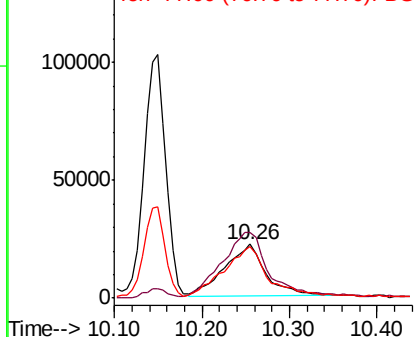


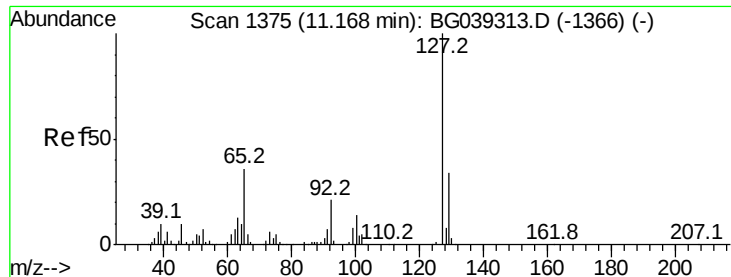
#32
Benzoic acid
Concen: 35.686 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

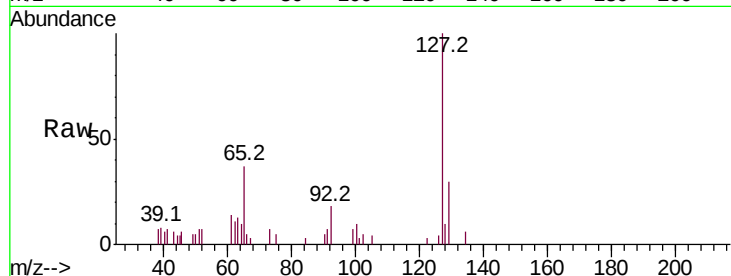




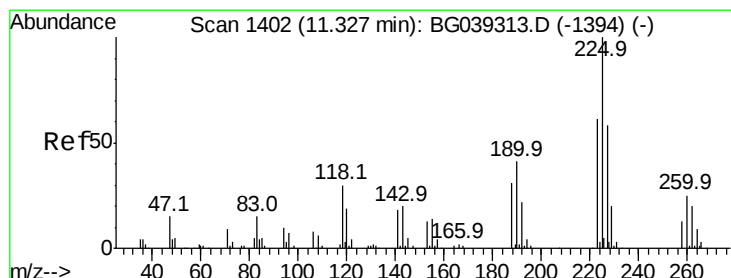
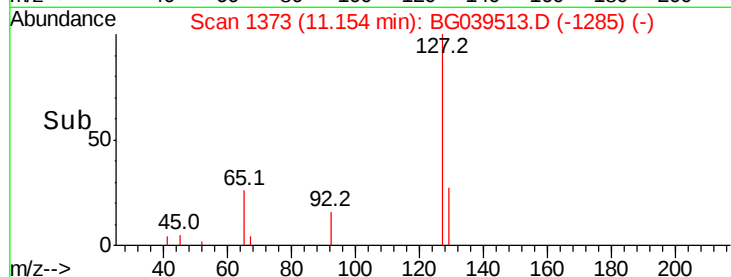
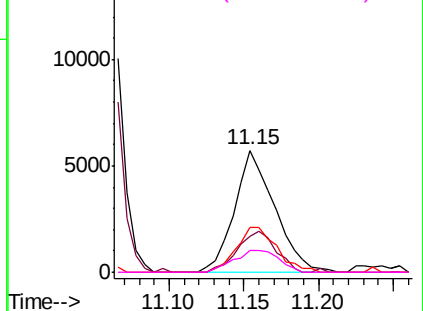
#33
4-Chloroaniline
Concen: 1.985 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

Tot Ion:	127	Resp:	10728
Ion	Ratio	Lower	Upper
127	100		
129	29.5	27.0	40.4
65	37.0	28.8	43.2
92	18.3	16.6	25.0

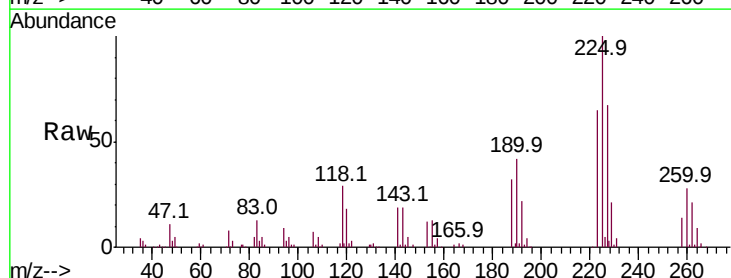


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

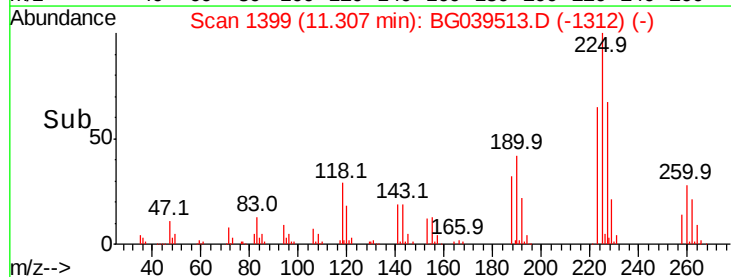
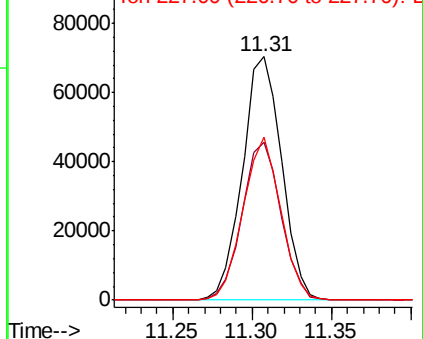


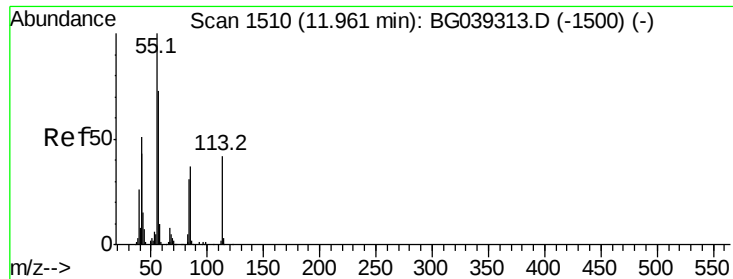
#34
Hexachlorobutadiene
Concen: 43.978 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

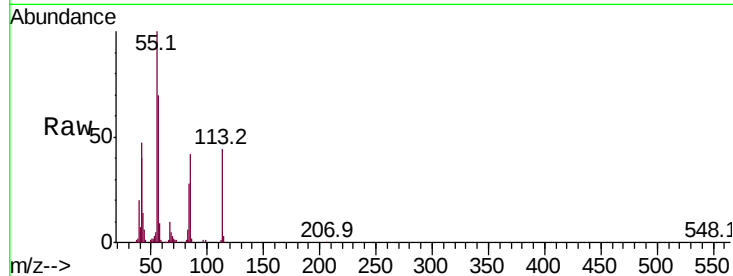
Tot Ion:113 Resp: 45238

Ion Ratio Lower Upper

113 100

55 225.2 216.9 256.9

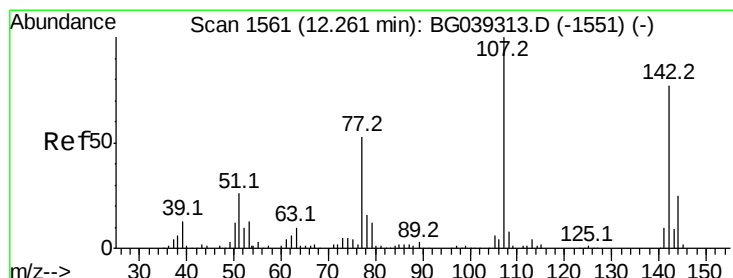
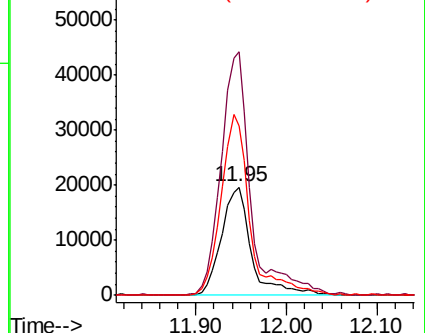
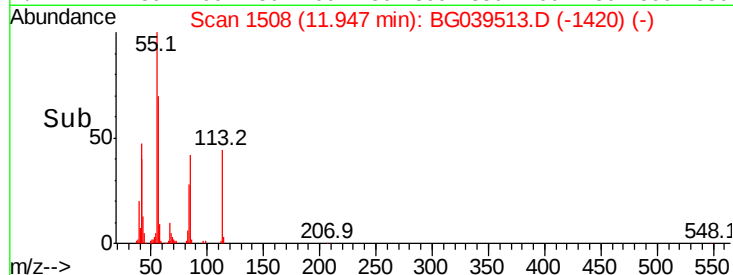
56 156.6 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#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

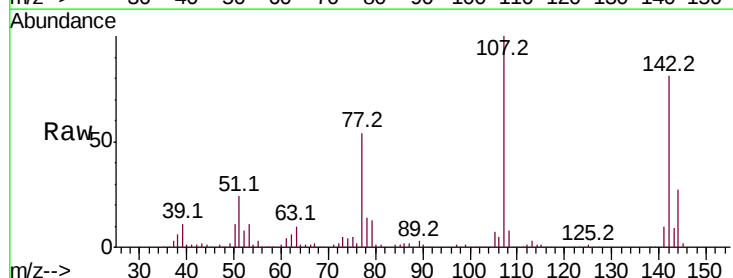
Tgt Ion:107 Resp: 224632

Ion Ratio Lower Upper

107 100

144 26.9 20.2 30.2

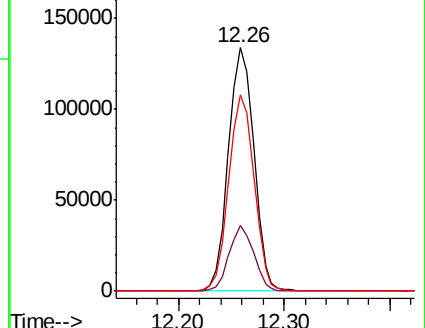
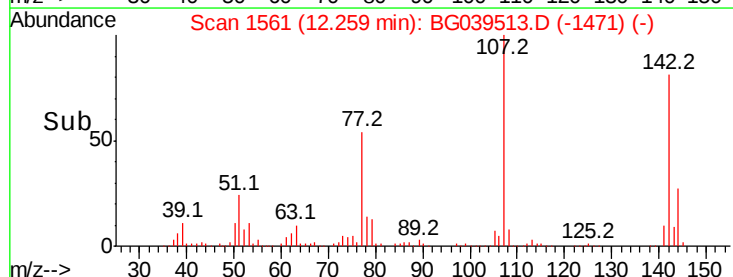
142 80.8 61.4 92.2

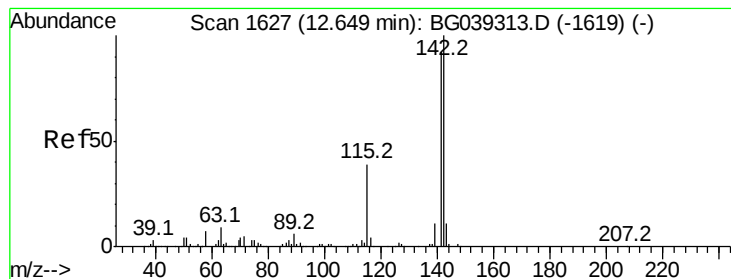


Abundance Ion 107.00 (106.70 to 107.70): E

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

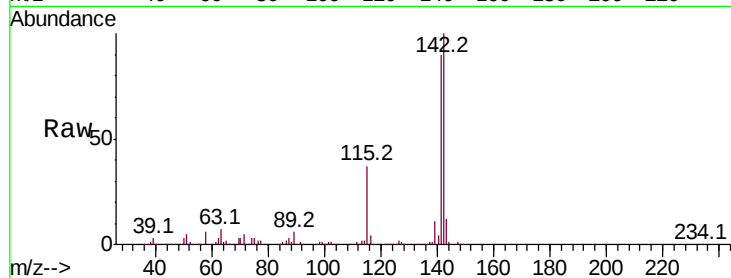
Tot Ion:142 Resp: 438849

Ion Ratio Lower Upper

142 100

141 89.5 73.5 110.3

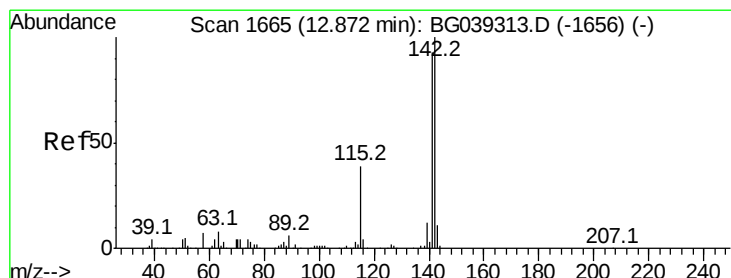
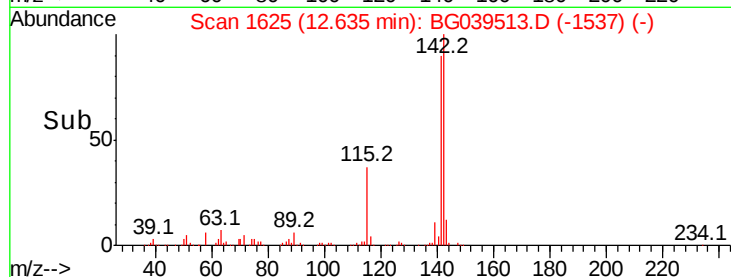
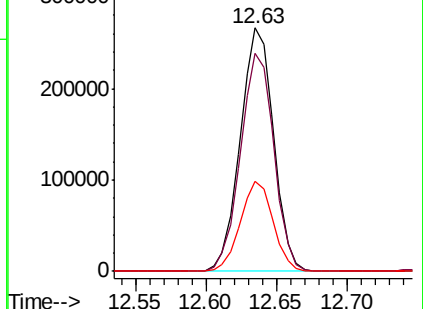
115 36.9 30.8 46.2



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

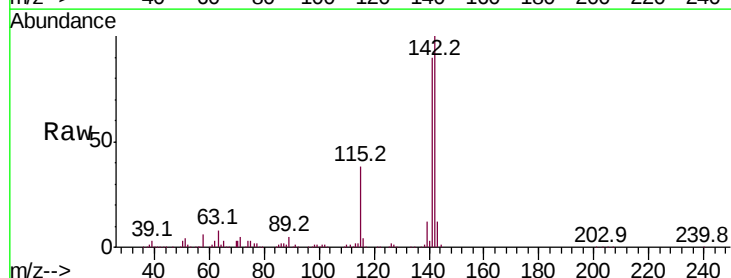
Tgt Ion:142 Resp: 416596

Ion Ratio Lower Upper

142 100

141 90.4 74.2 111.4

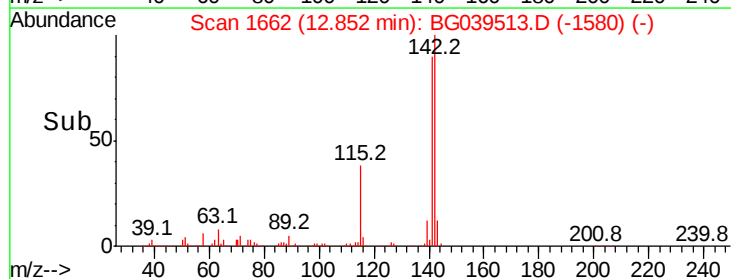
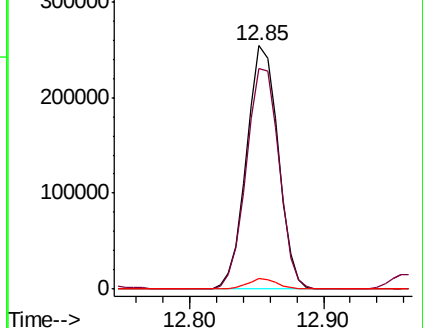
116 4.2 3.0 4.6

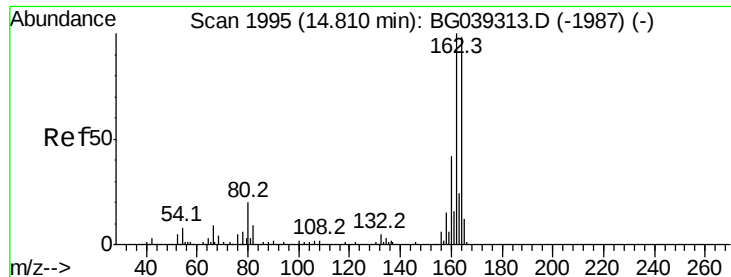


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

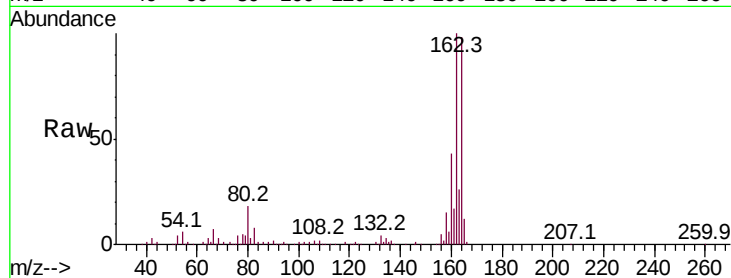
Tot Ion:164 Resp: 166543

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 44.0 34.2 51.2

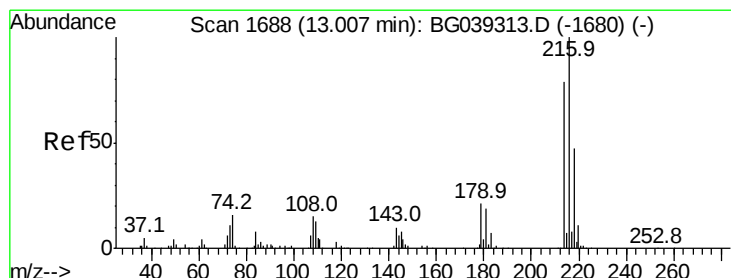
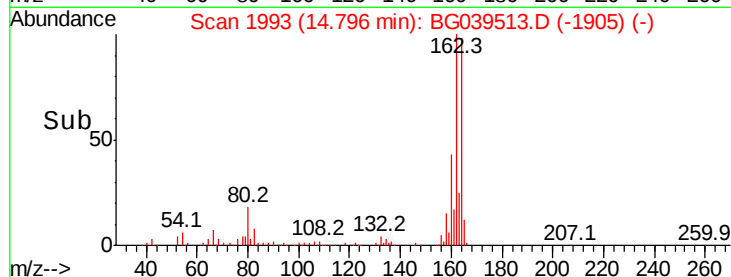
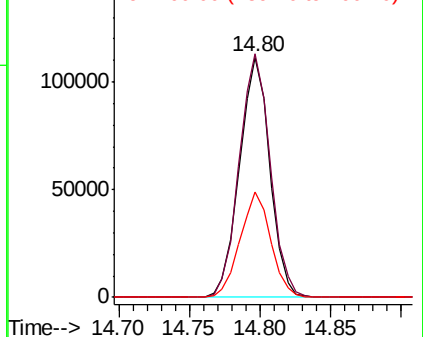


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

Tgt Ion:216 Resp: 241218

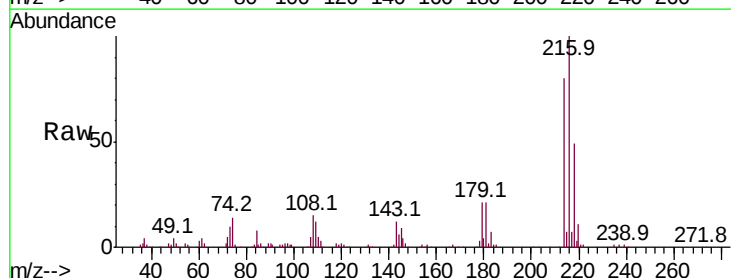
Ion Ratio Lower Upper

216 100

214 80.6 62.6 94.0

179 20.9 16.6 25.0

108 17.2 14.0 21.0



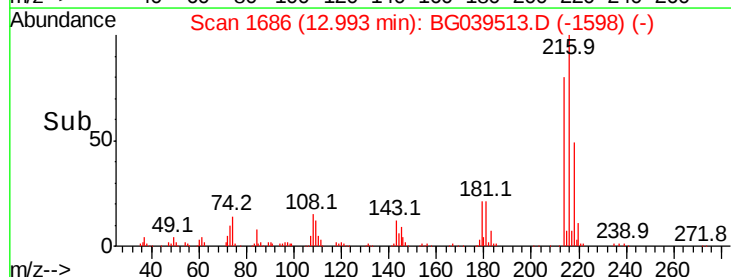
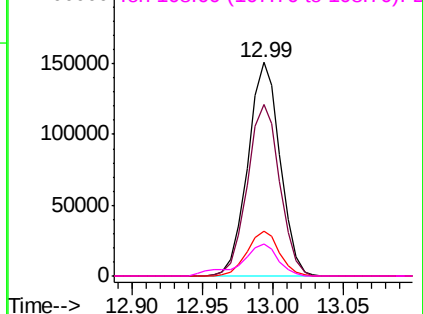
Abundance

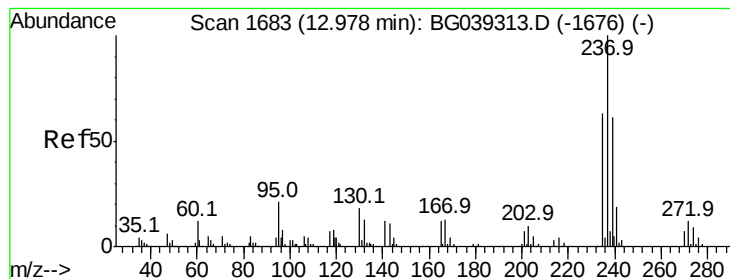
Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

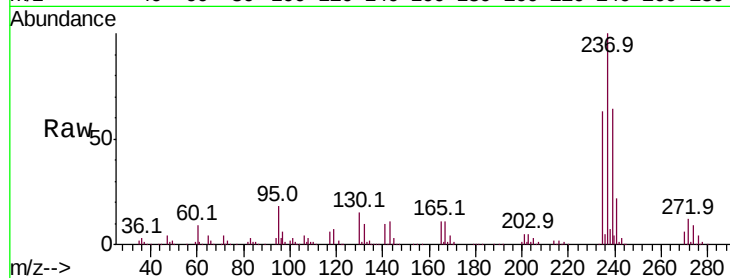
Tot Ion:237 Resp: 234635

Ion Ratio Lower Upper

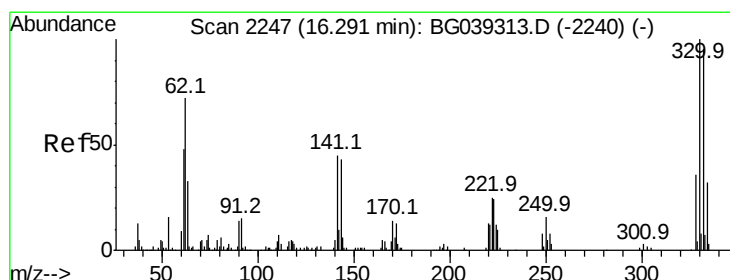
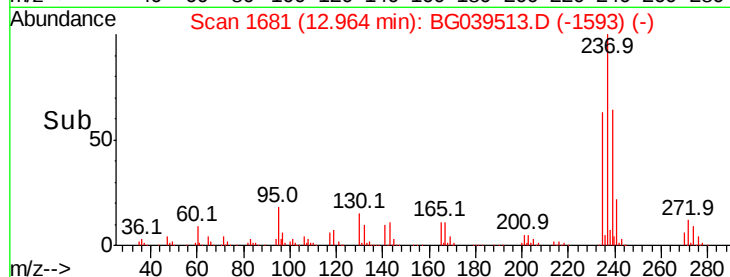
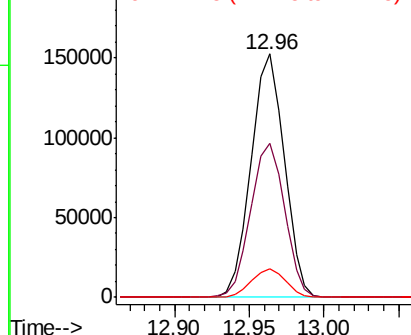
237 100

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

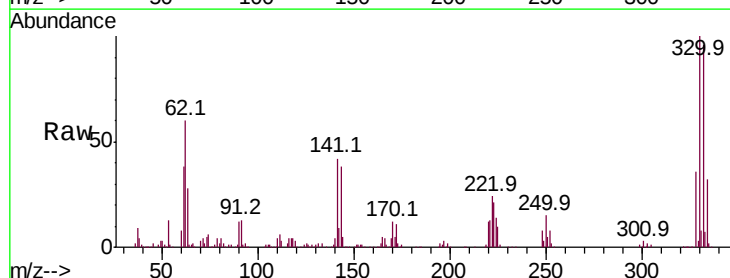
Tgt Ion:330 Resp: 305713

Ion Ratio Lower Upper

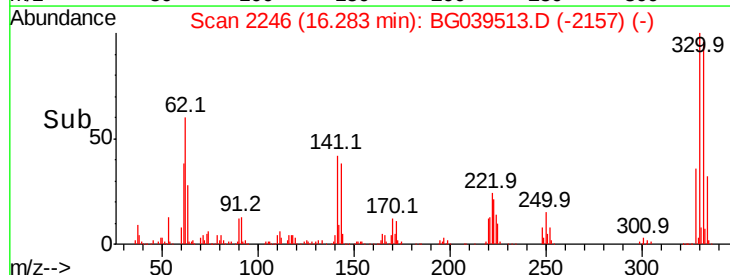
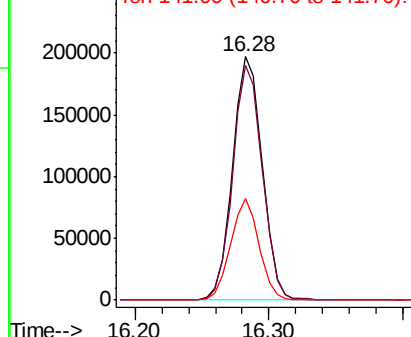
330 100

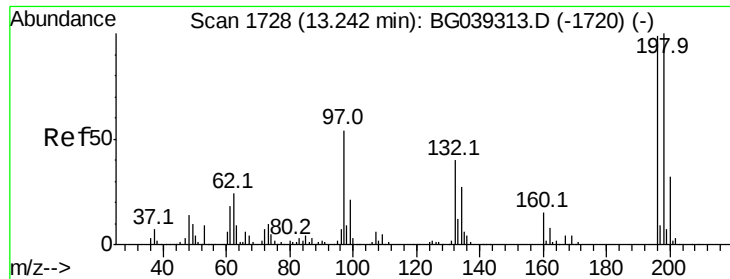
332 96.3 75.7 113.5

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

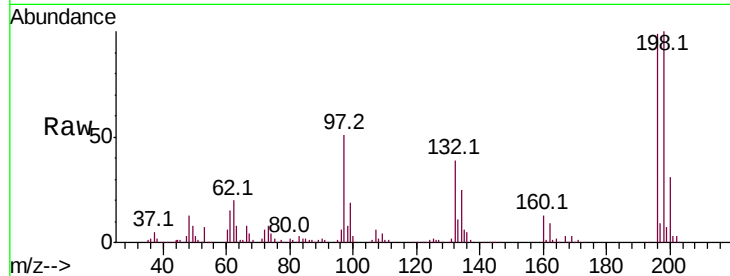




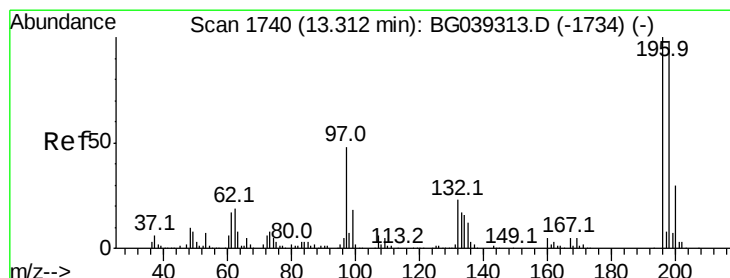
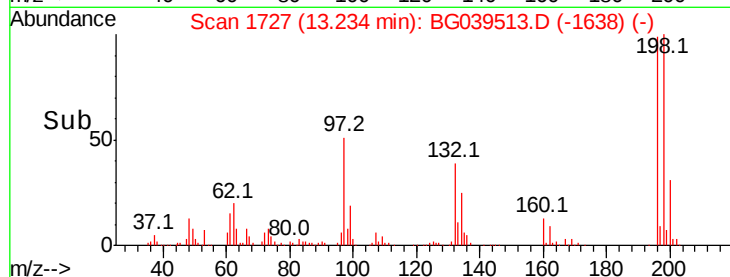
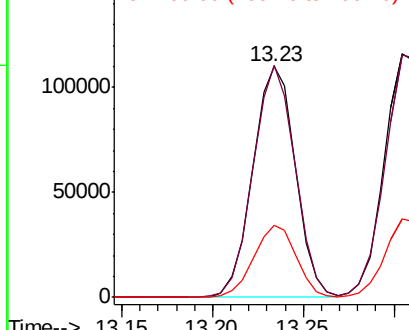
#43
 2,4,6-Trichlorophenol
 Concen: 54.917 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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

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



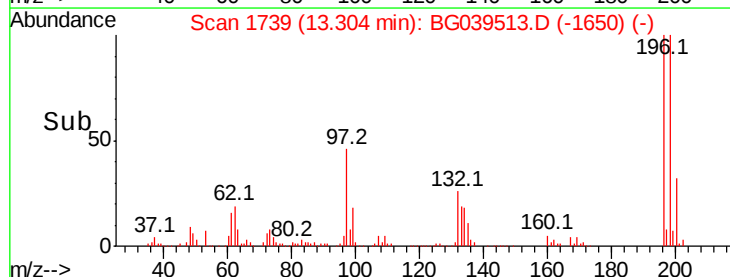
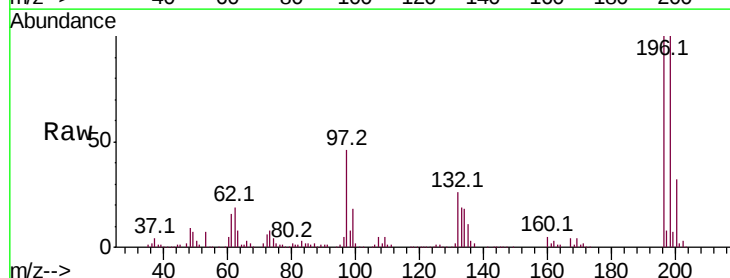
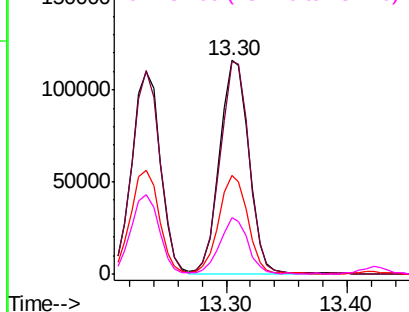
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

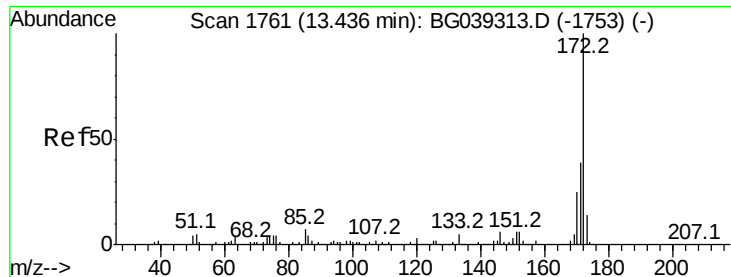


#44
 2,4,5-Trichlorophenol
 Concen: 56.926 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:196 Resp: 194387
 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

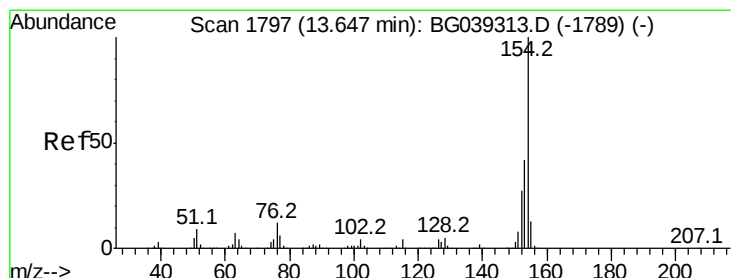
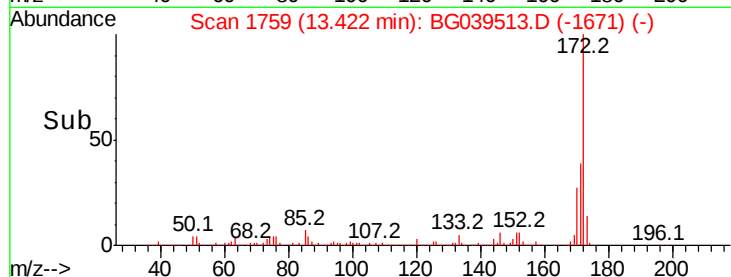
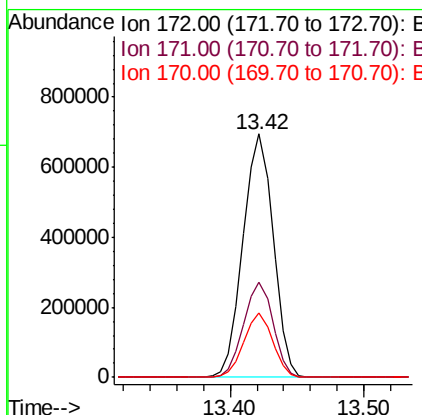
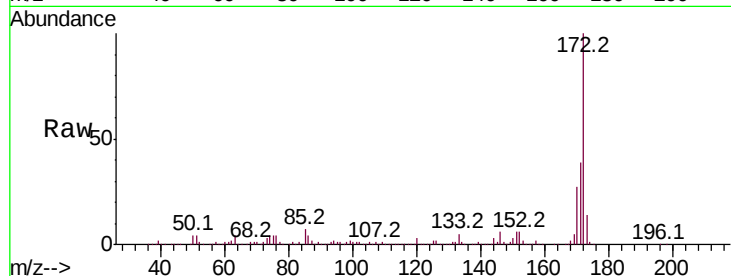




#45
2-Fluorobiphenyl
Concen: 93.471 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

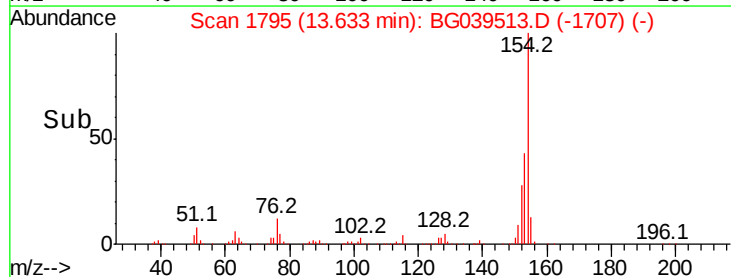
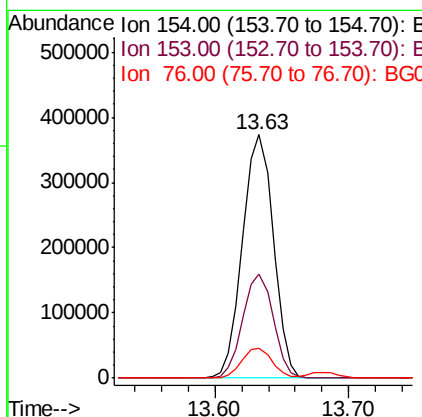
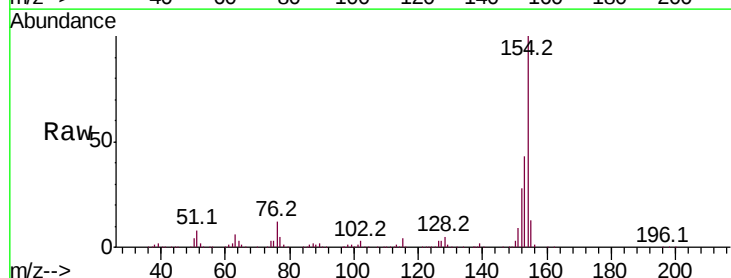
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

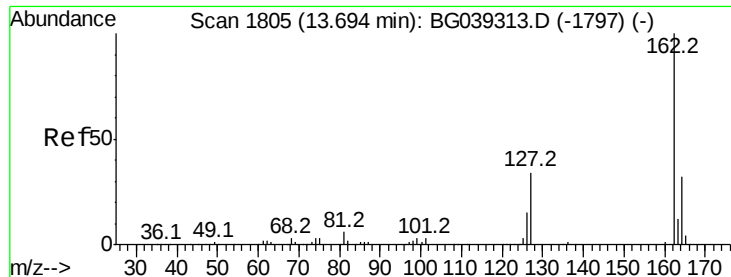
Tot Ion:172 Resp: 1085139
Ion Ratio Lower Upper
172 100
171 38.9 30.8 46.2
170 26.7 20.2 30.4



#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

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

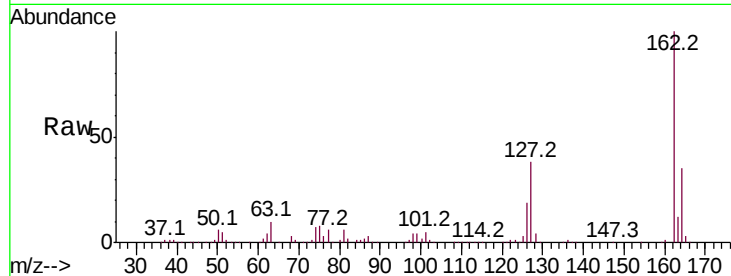




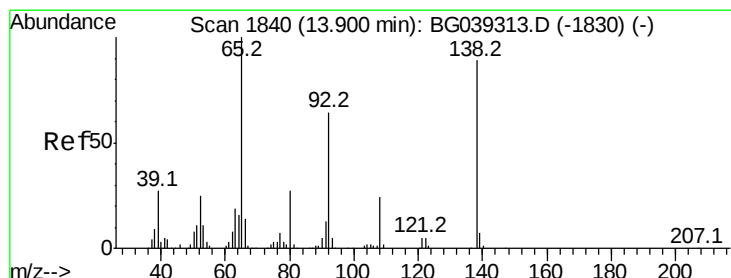
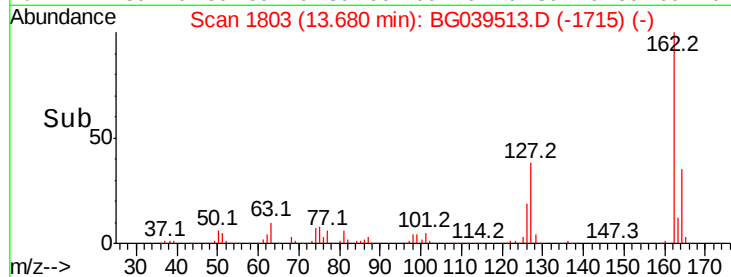
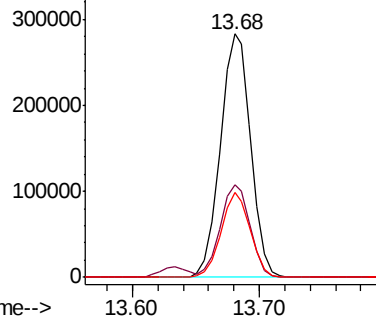
#47
 2-Chloronaphthalene
 Concen: 44.886 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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

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

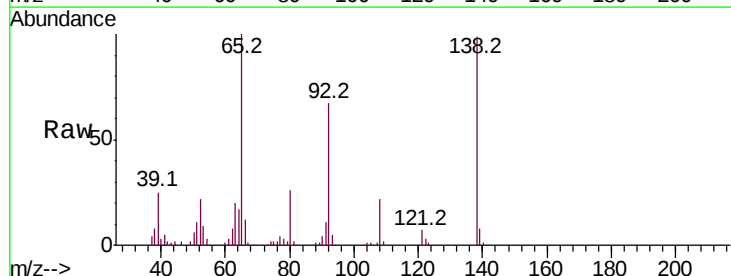


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

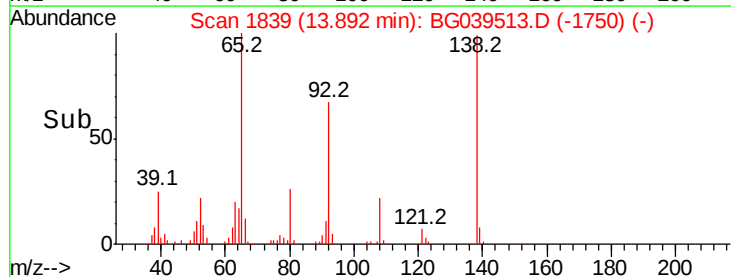
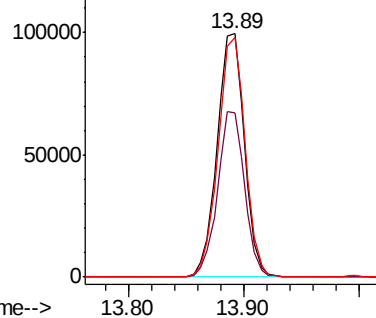


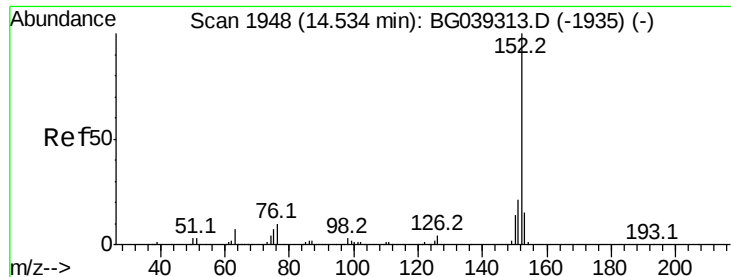
#48
 2-Nitroaniline
 Concen: 53.542 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

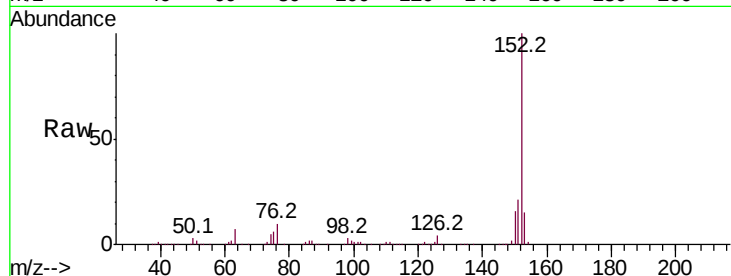
Tot Ion:152 Resp: 752638

Ion Ratio Lower Upper

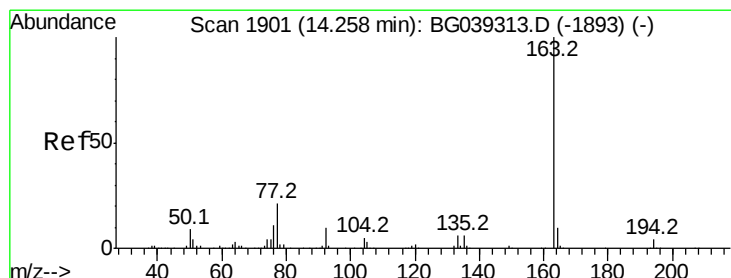
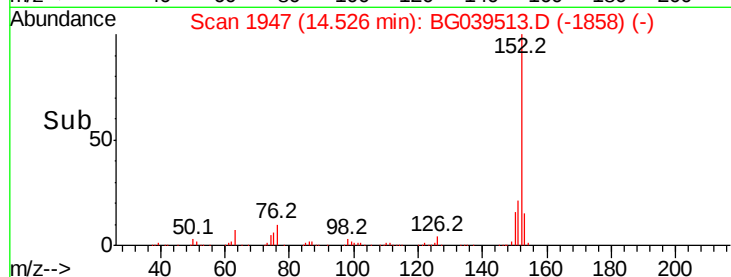
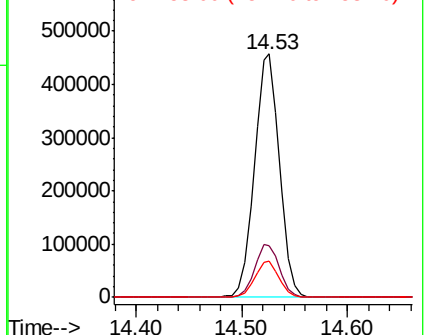
152 100

151 21.4 16.8 25.2

153 14.9 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#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

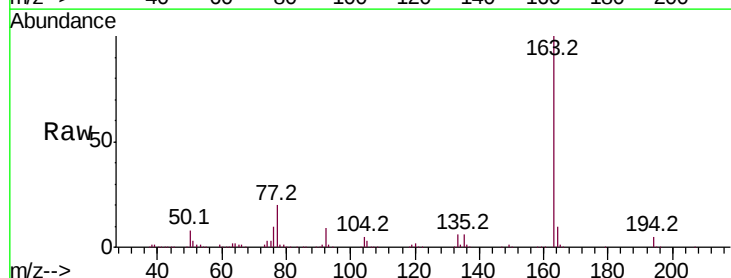
Tgt Ion:163 Resp: 624946

Ion Ratio Lower Upper

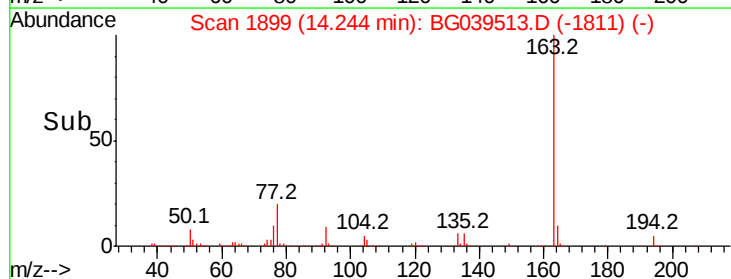
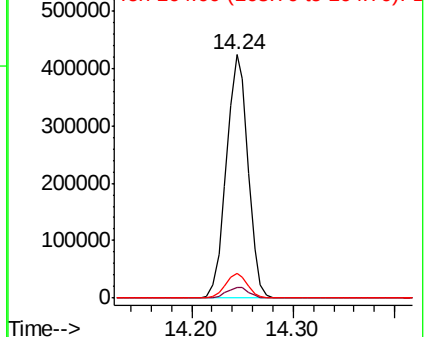
163 100

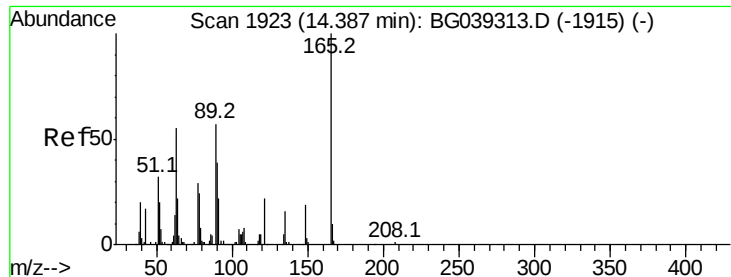
194 4.5 3.6 5.4

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

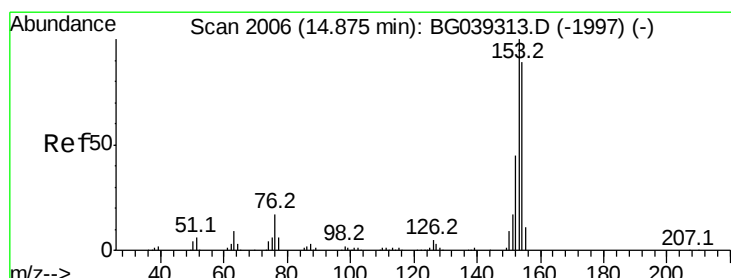
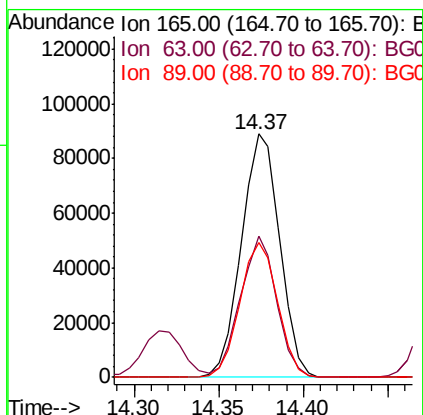
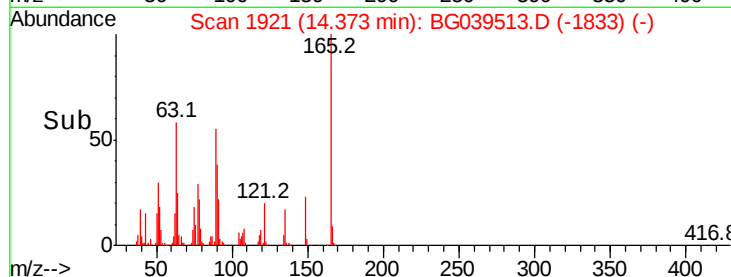
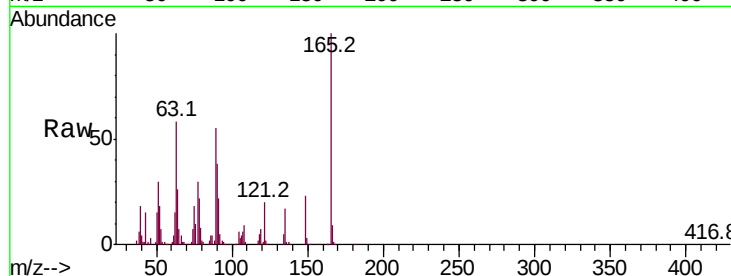




#51
2,6-Dinitrotoluene
Concen: 54.609 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

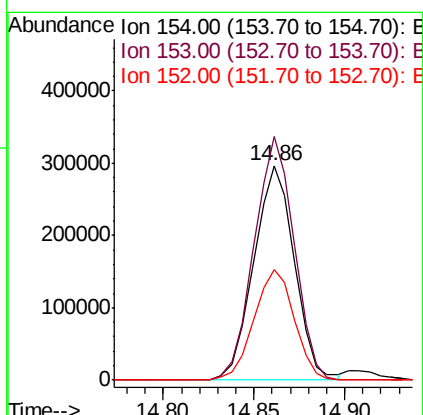
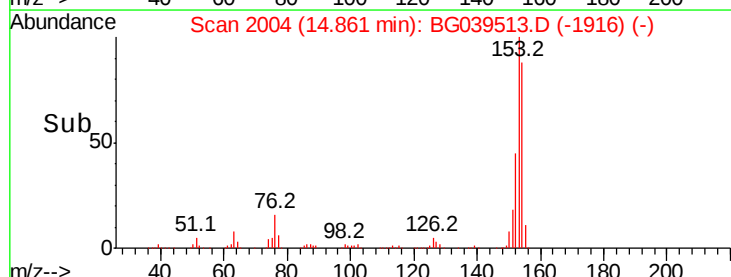
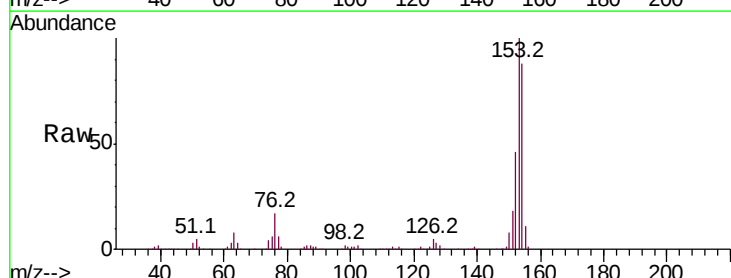
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

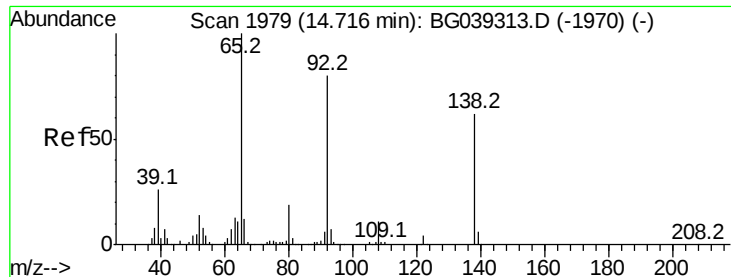
Tot Ion:165 Resp: 139911
Ion Ratio Lower Upper
165 100
63 58.0 47.0 70.6
89 55.2 45.8 68.8



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

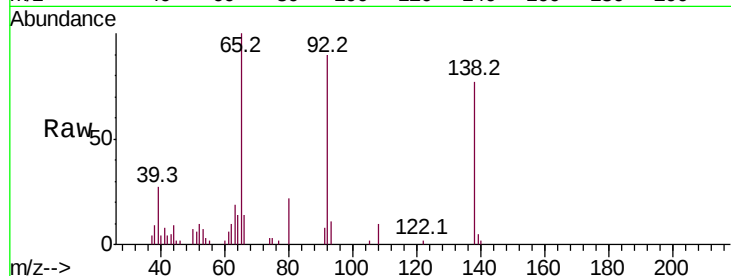
Tot Ion:138 Resp: 10320

Ion Ratio Lower Upper

138 100

108 13.1 13.8 20.8#

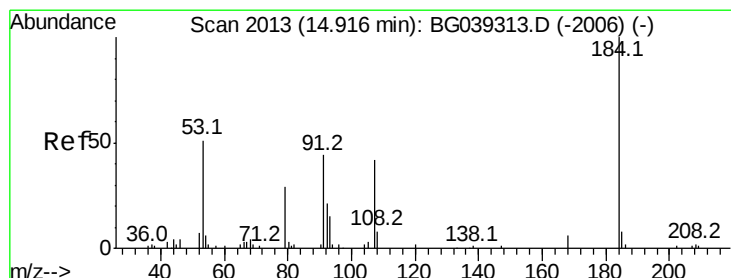
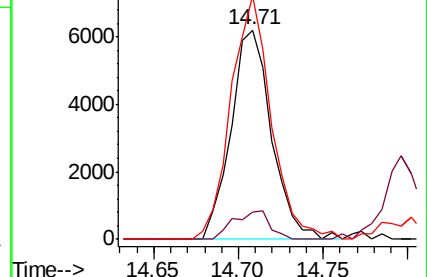
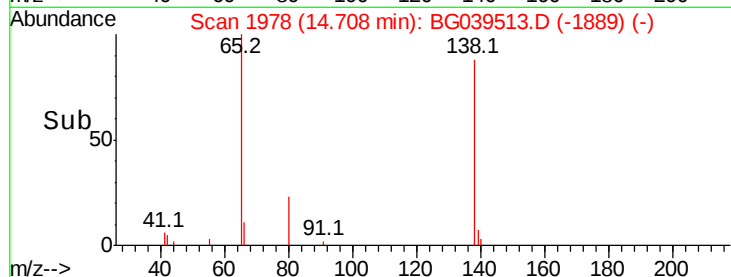
92 116.4 103.7 155.5



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

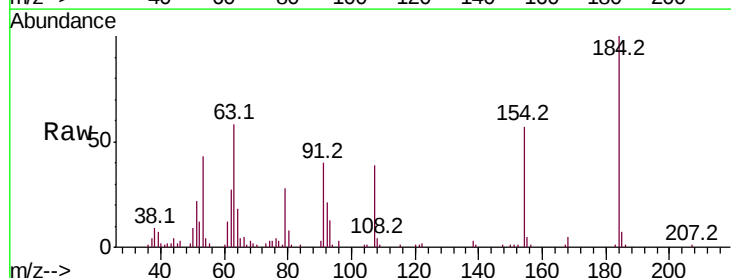
Tgt Ion:184 Resp: 37954

Ion Ratio Lower Upper

184 100

63 58.1 50.9 76.3

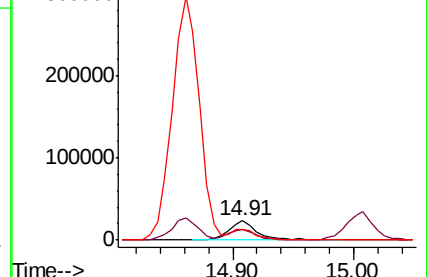
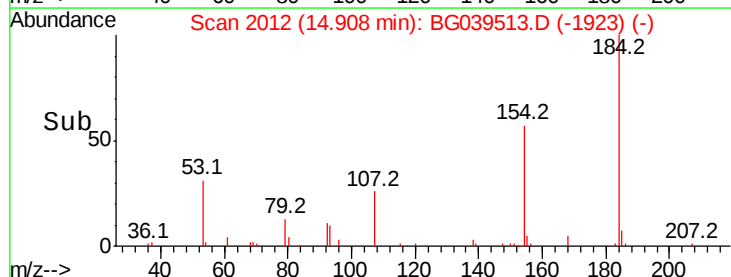
154 56.6 53.0 79.6

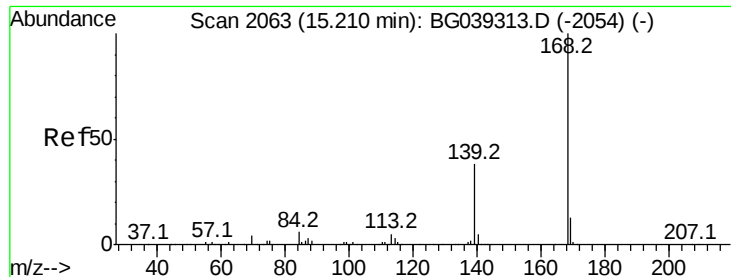


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

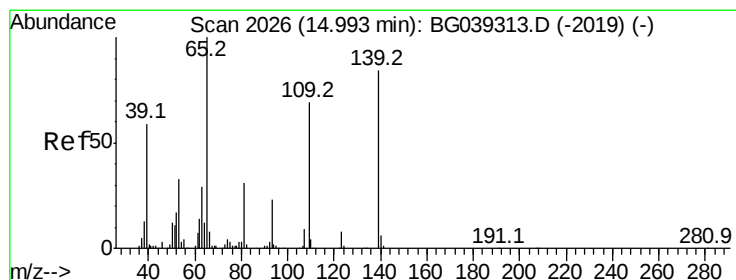
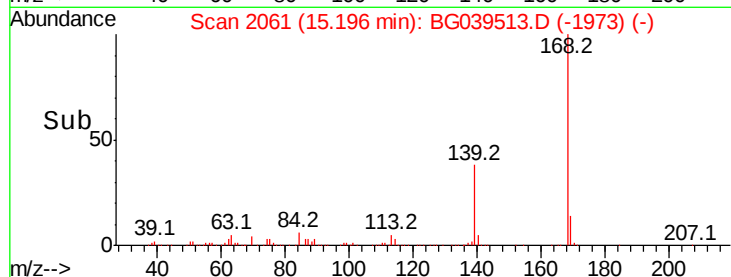
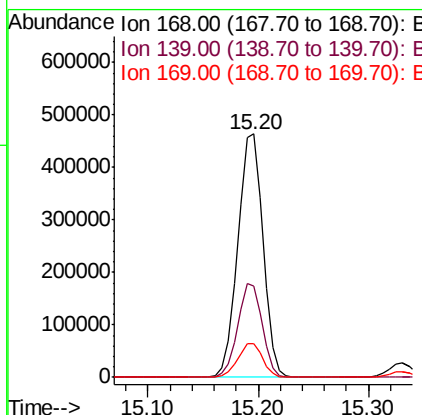
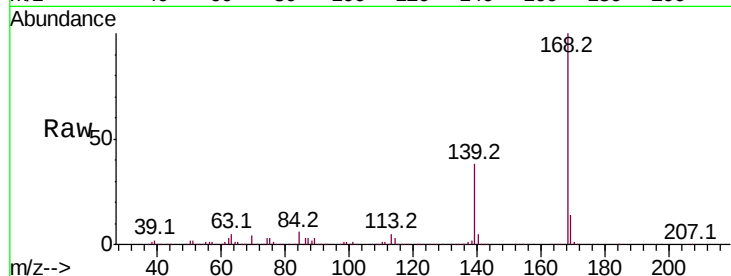




#55
Dibenzofuran
Concen: 45.396 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

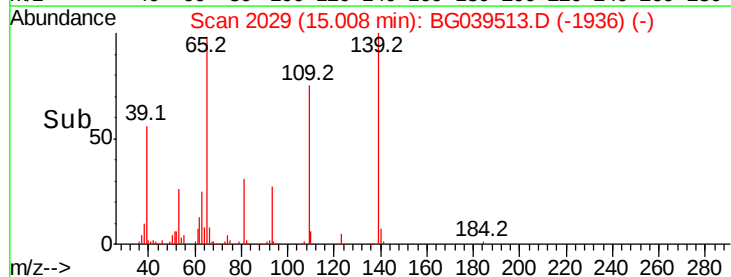
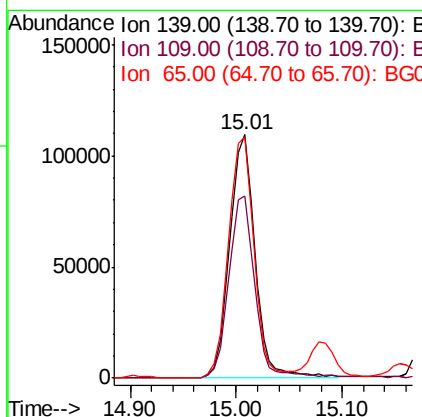
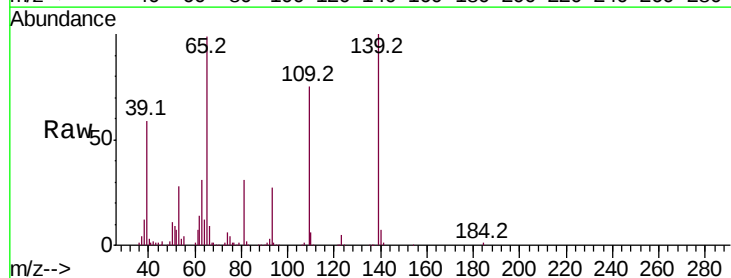
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

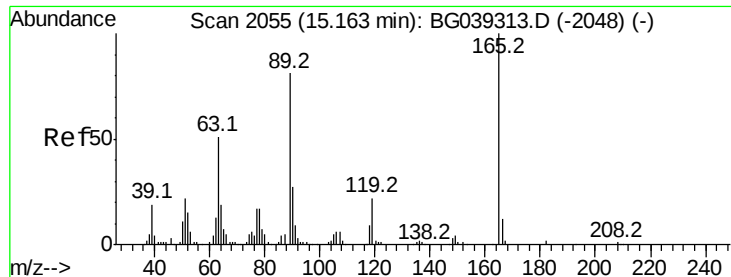
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.1	10.6	16.0



#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

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	61.9	101.9
65	99.0	99.1	139.1#

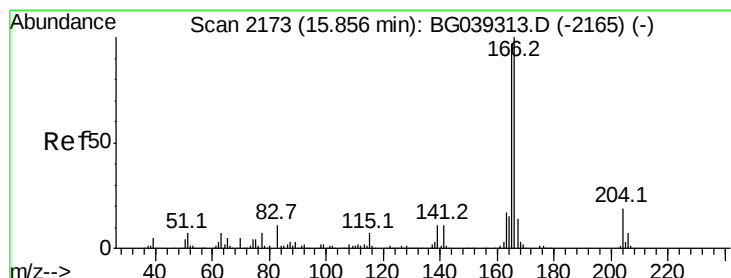
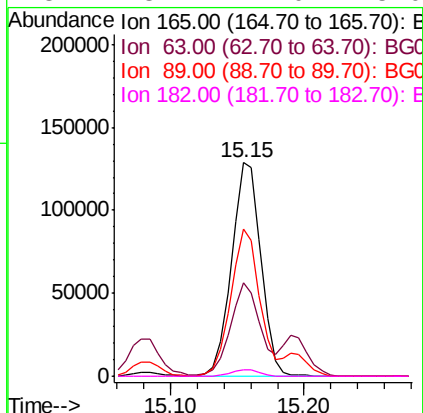
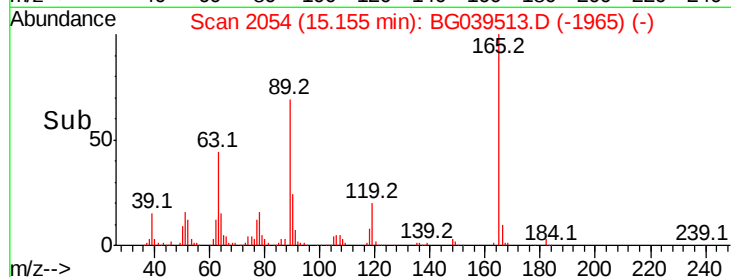
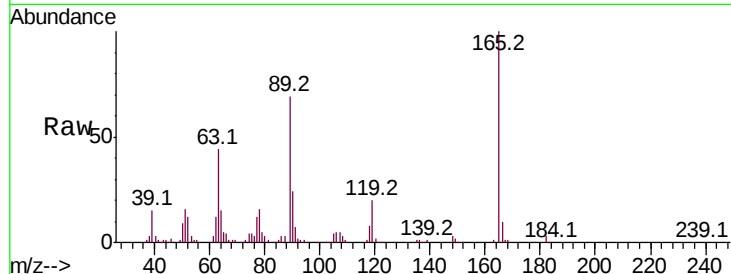




#57
 2,4-Dinitrotoluene
 Concen: 58.953 ng
 RT: 15.15 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

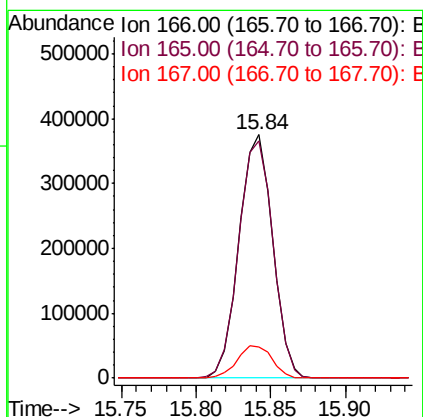
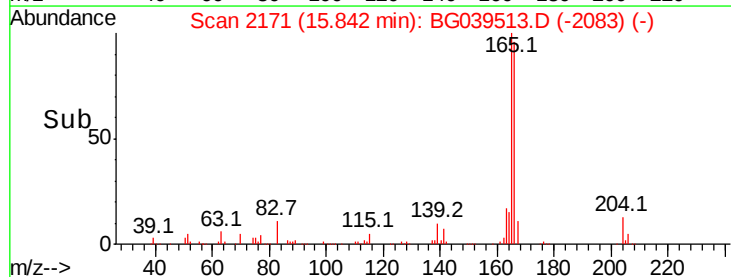
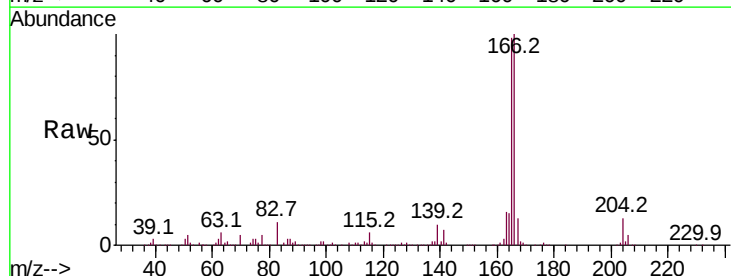
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-AMSD

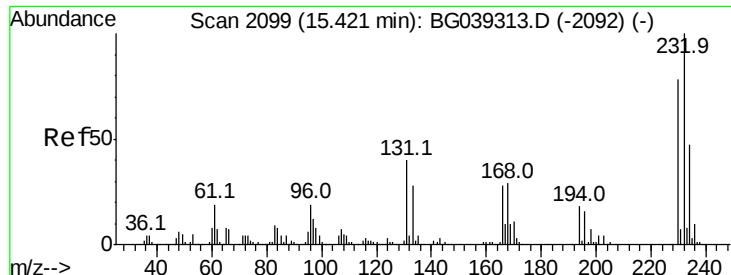
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	41.0	61.6
89	68.7	64.6	96.8
182	3.1	2.0	3.0#



#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

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.0	10.8	16.2

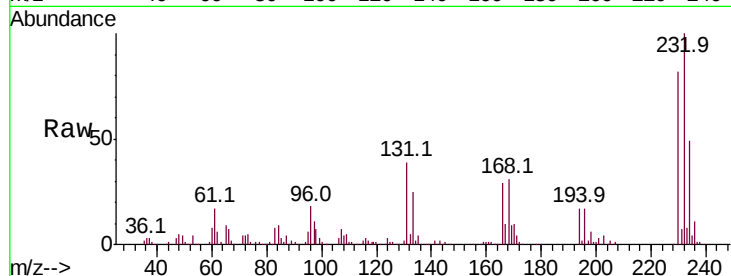




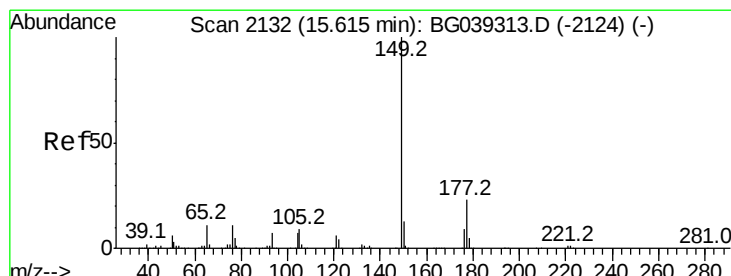
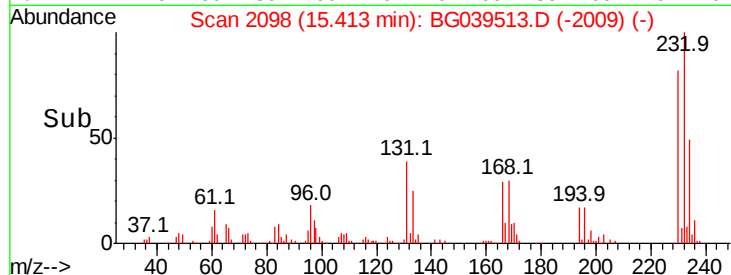
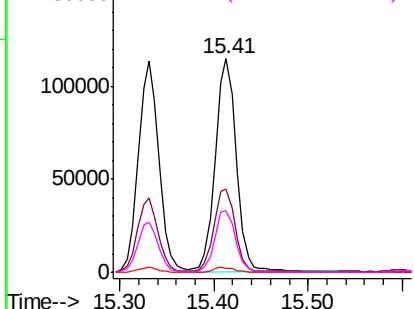
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.252 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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

Tot 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

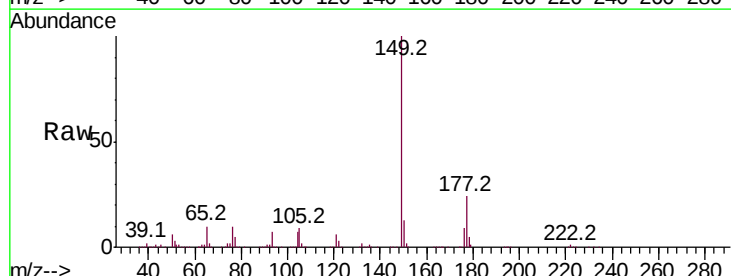


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

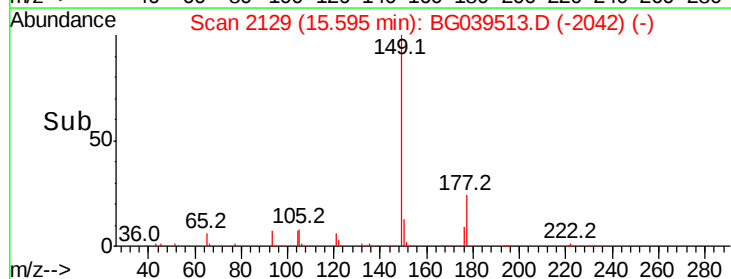
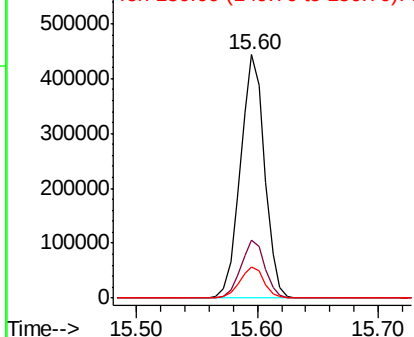


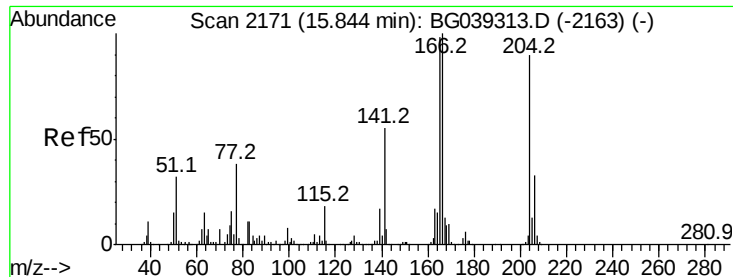
#60
 Diethylphthalate
 Concen: 44.381 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt Ion:	149	Resp:	617203
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

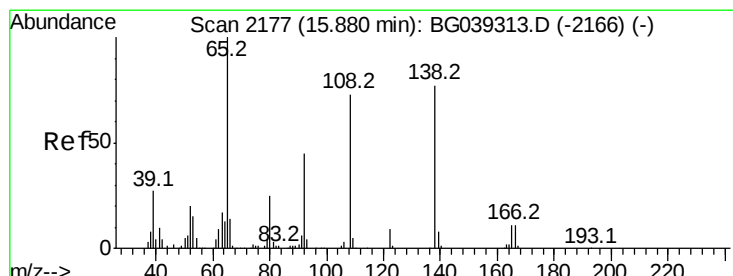
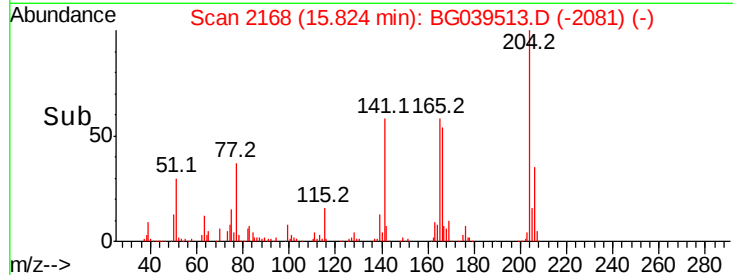
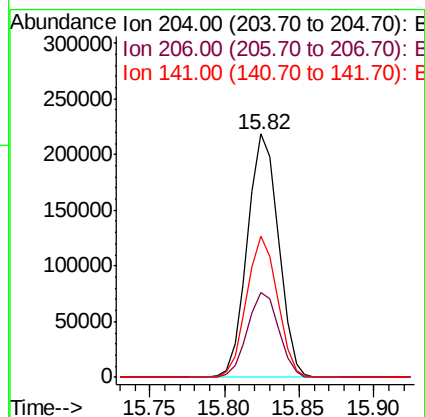
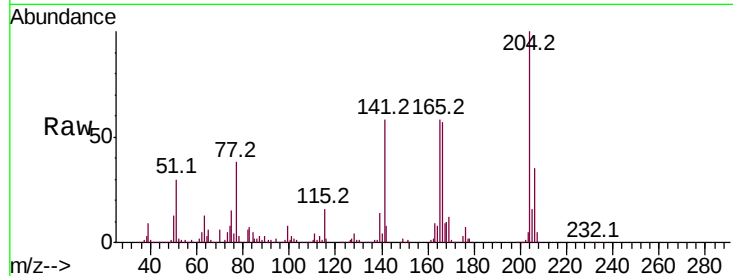




#61
4-Chlorophenyl-phenylether
Concen: 45.483 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

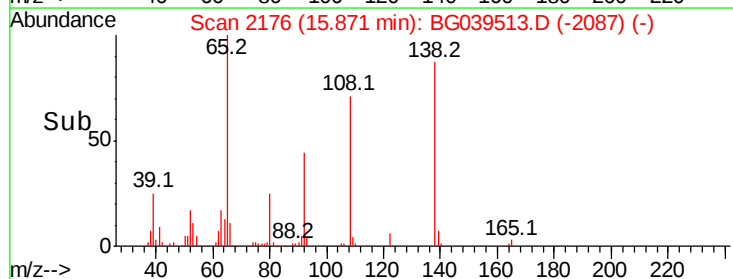
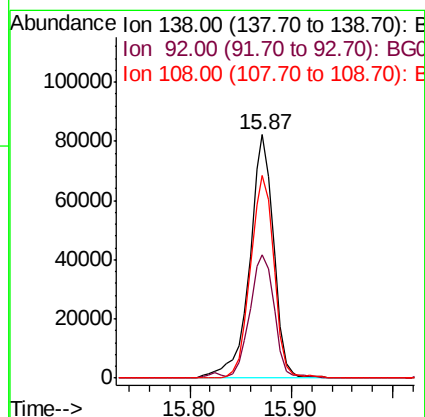
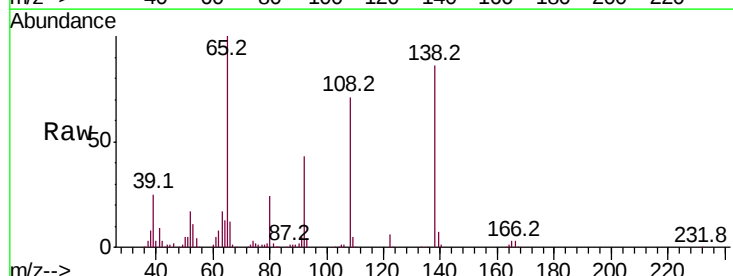
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

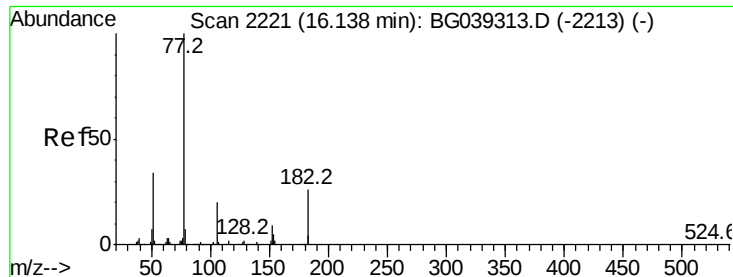
Tot Ion:204 Resp: 314283
Ion Ratio Lower Upper
204 100
206 34.7 29.2 43.8
141 58.3 49.0 73.4



#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

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

Tot Ion: 77 Resp: 556350

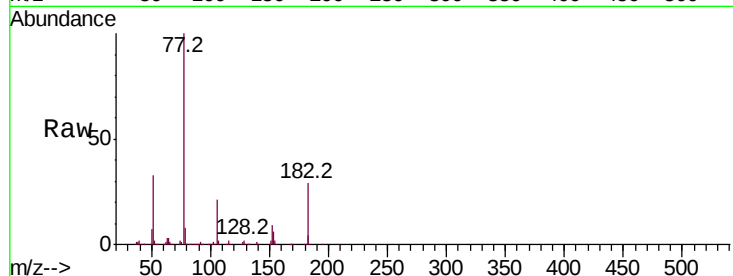
Ion Ratio Lower Upper

77 100

182 28.7 6.4 46.4

105 21.3 0.0 39.8

51 33.1 14.1 54.1

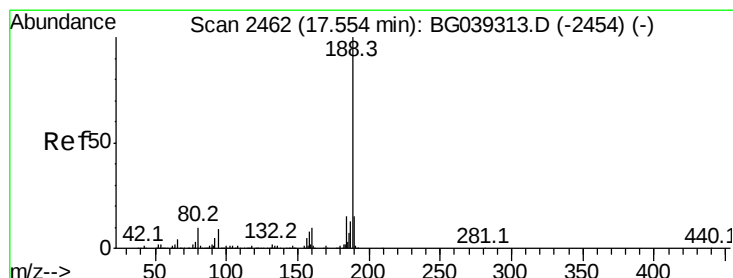
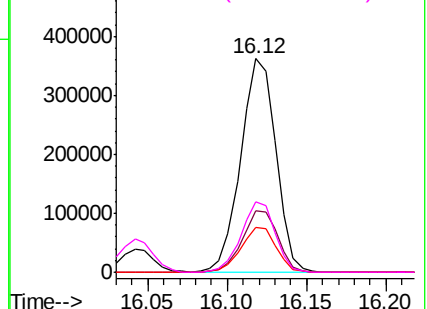
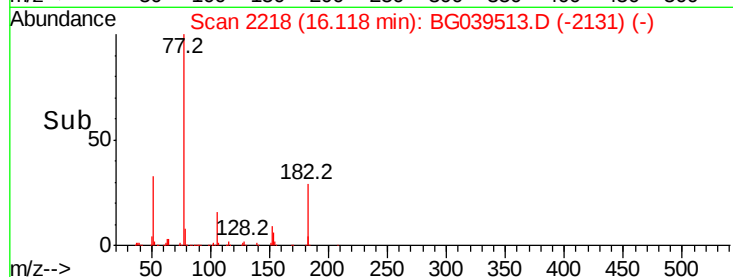


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

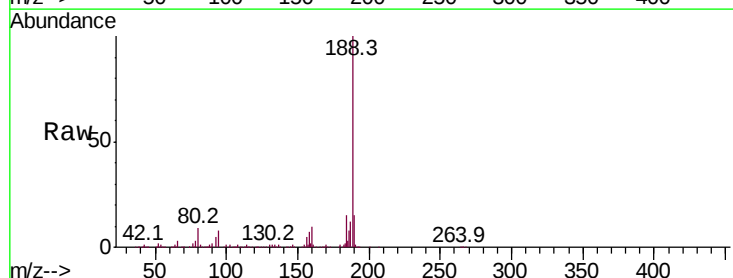
Tgt Ion: 188 Resp: 388388

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

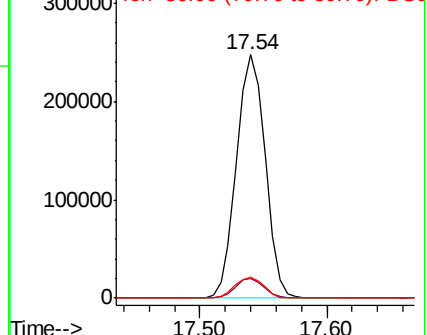
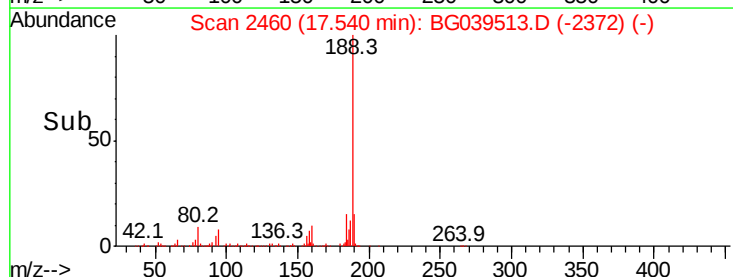
80 8.6 8.1 12.1

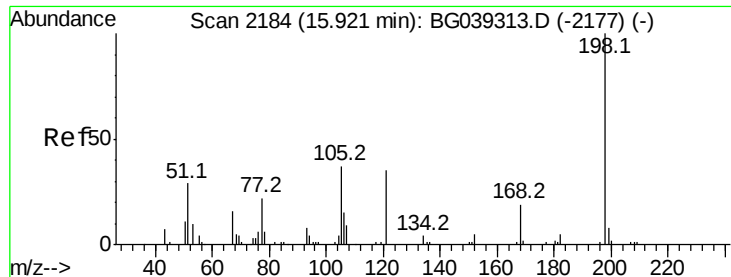


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.311 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

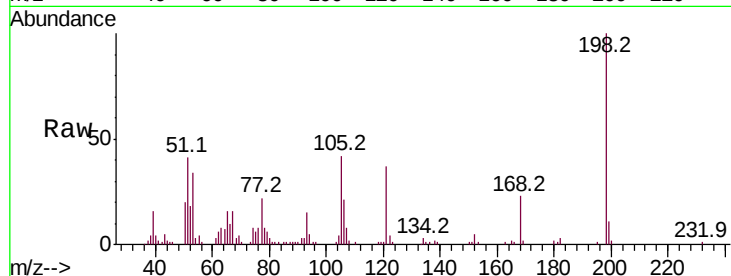
Tot Ion:198 Resp: 47842

Ion Ratio Lower Upper

198 100

51 41.5 27.4 67.4

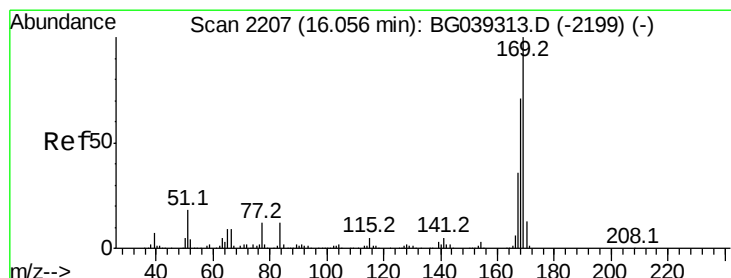
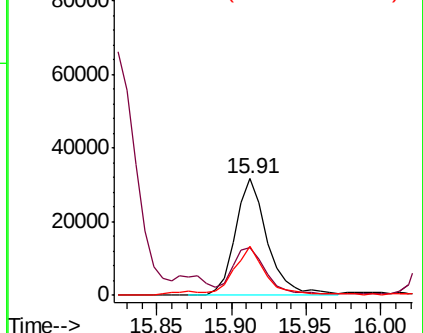
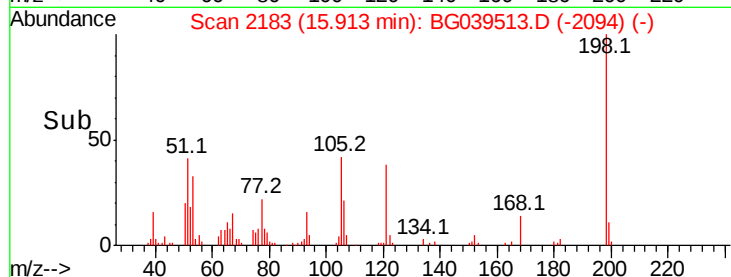
105 41.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

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

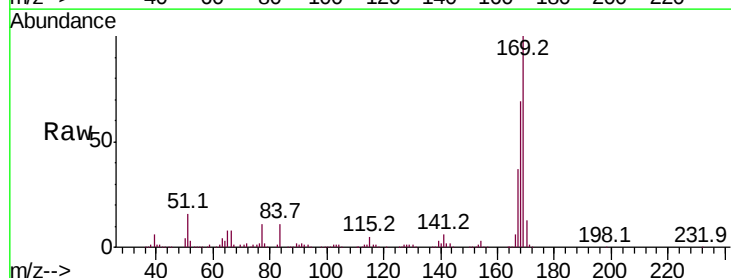
Tgt Ion:169 Resp: 540322

Ion Ratio Lower Upper

169 100

168 69.3 56.6 85.0

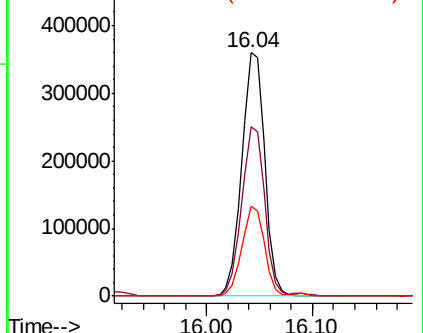
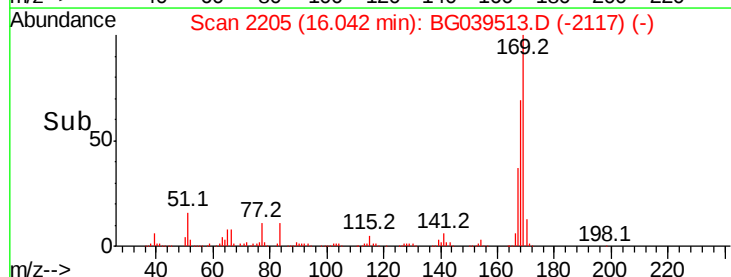
167 36.9 28.8 43.2

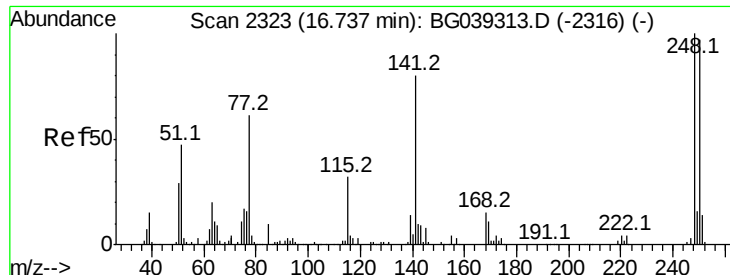


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

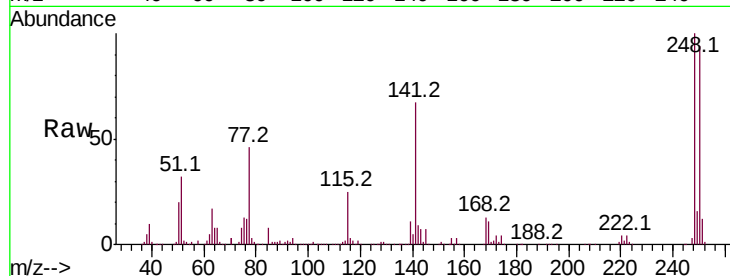




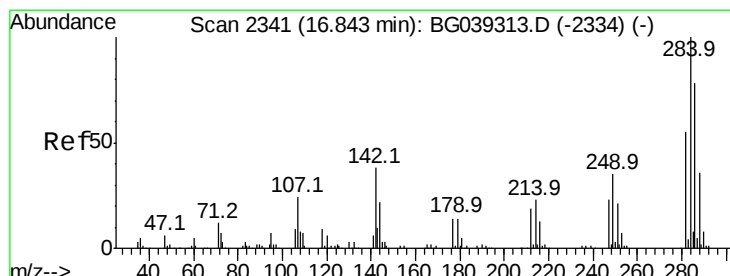
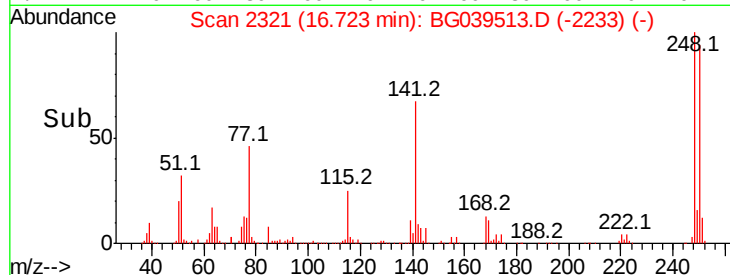
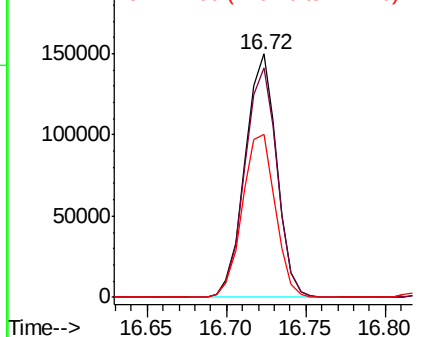
#67
 4-Bromophenyl-phenylether
 Concen: 48.192 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.6	116.4
141	67.1	63.9	95.9

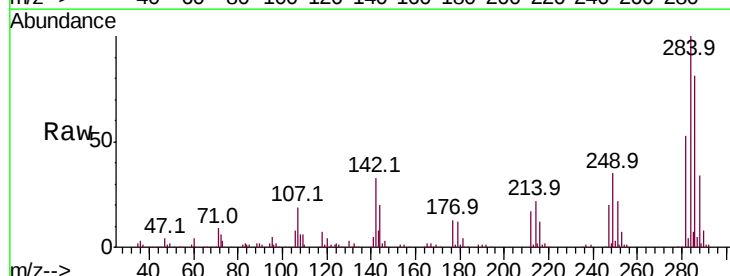


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

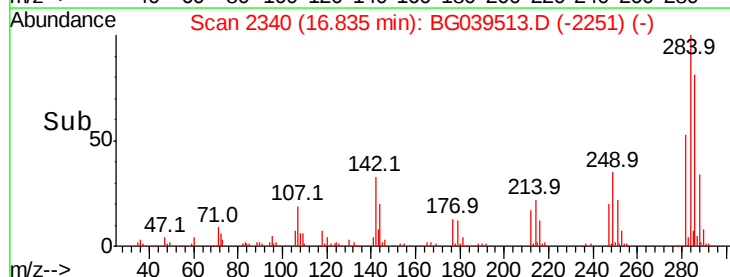
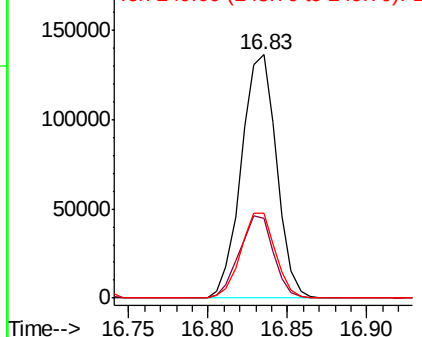


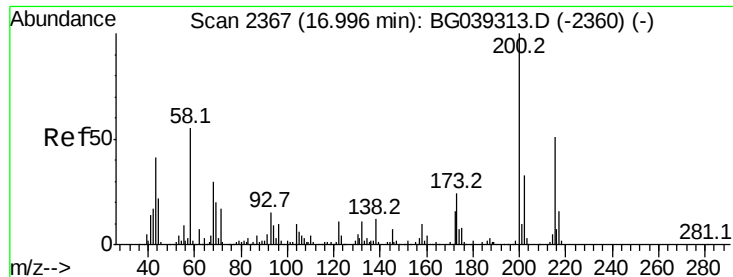
#68
 Hexachlorobenzene
 Concen: 48.611 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt 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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

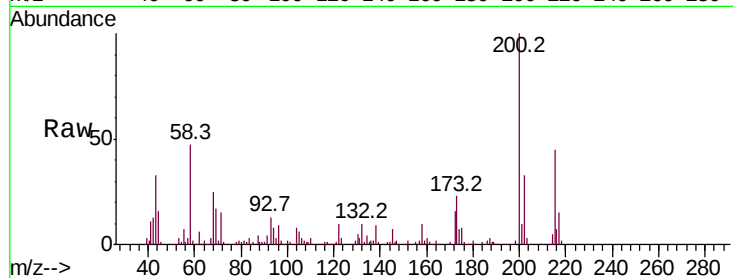
Tot Ion:200 Resp: 207045

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

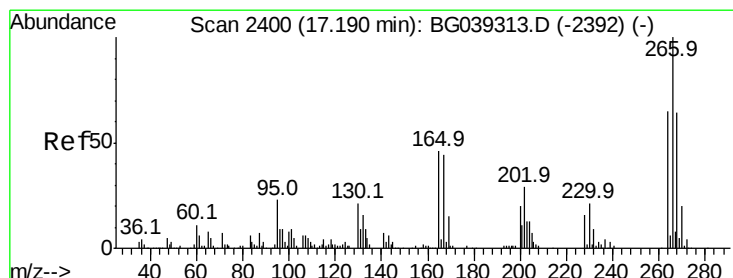
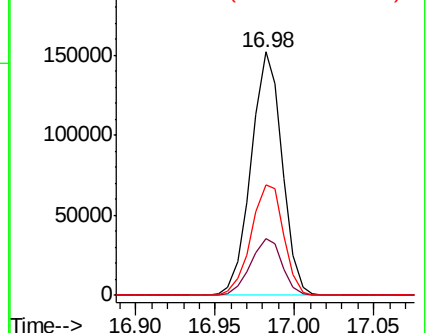
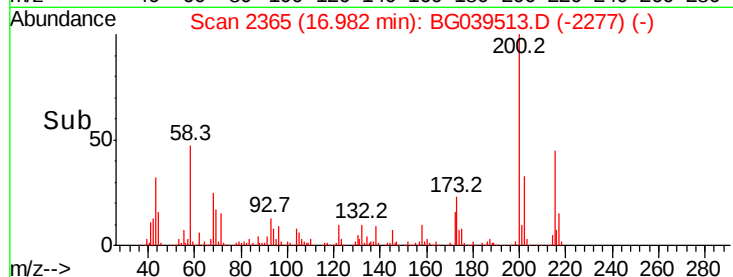
215 45.2 30.9 70.9



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

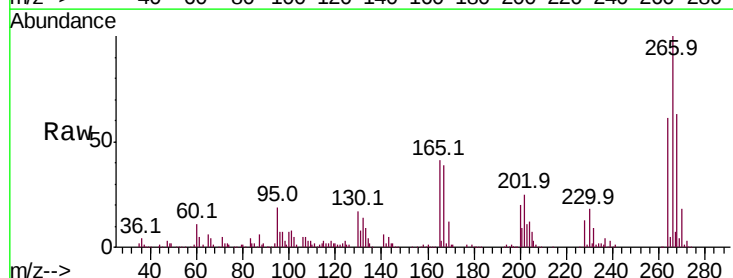
Tgt Ion:266 Resp: 179371

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

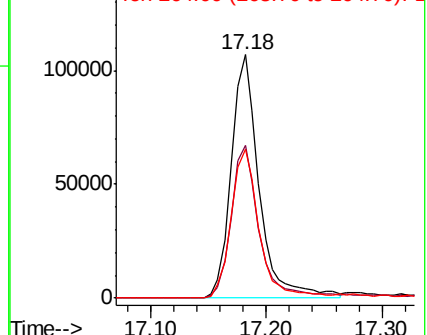
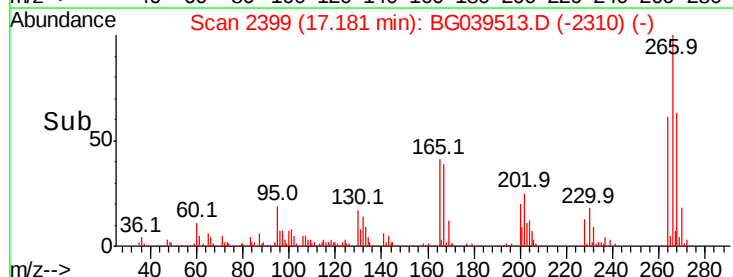
264 61.4 52.1 78.1

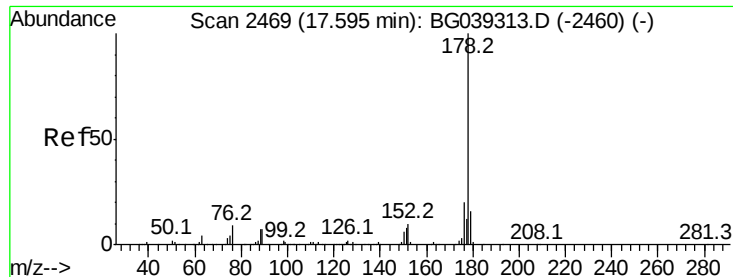


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

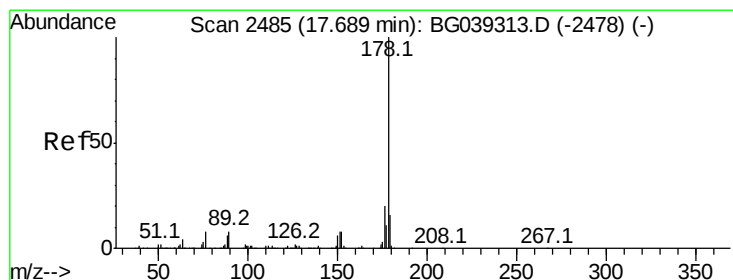
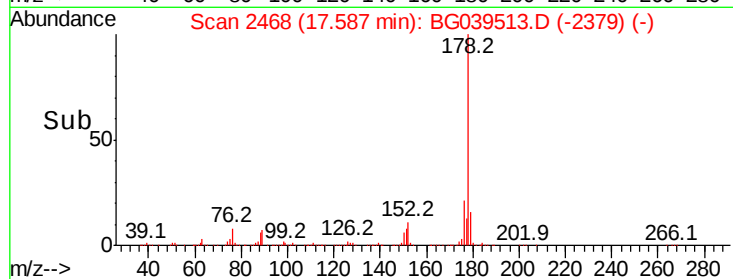
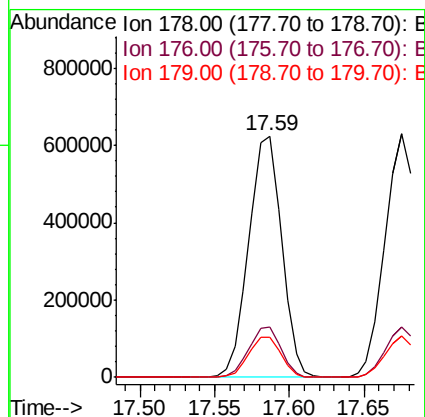
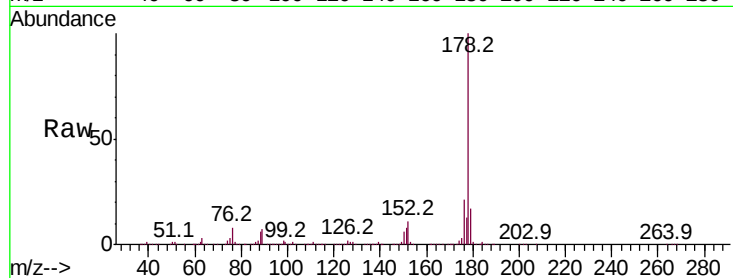




#71
Phenanthrene
Concen: 47.408 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

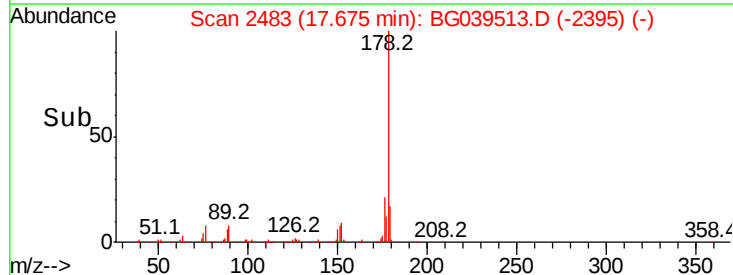
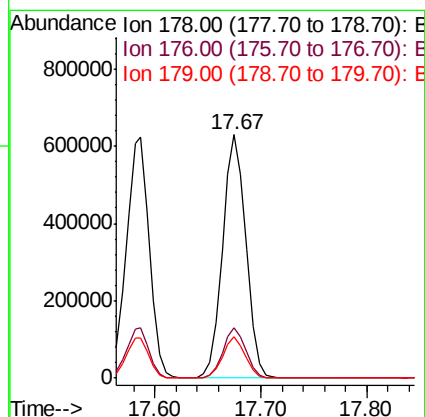
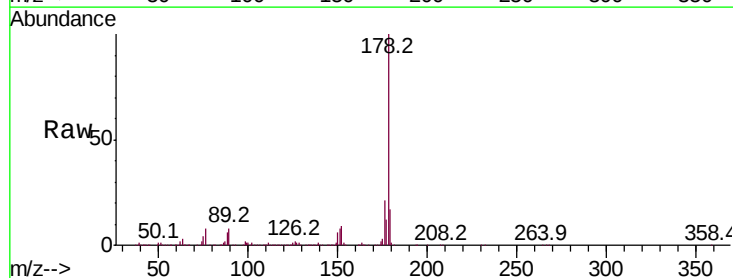
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

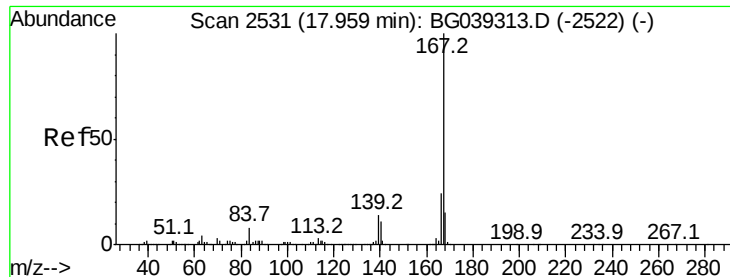
Tot Ion:178 Resp: 952982
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.6 12.6 19.0



#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

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

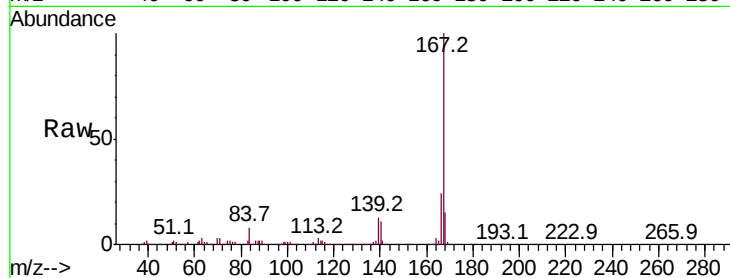




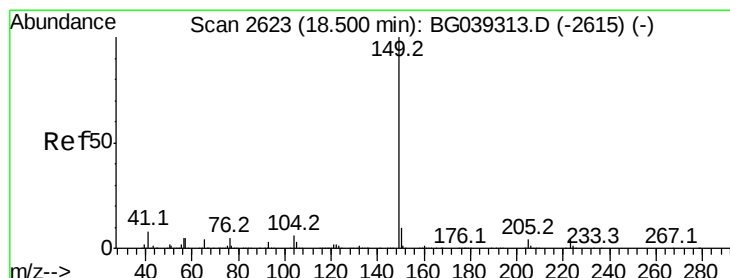
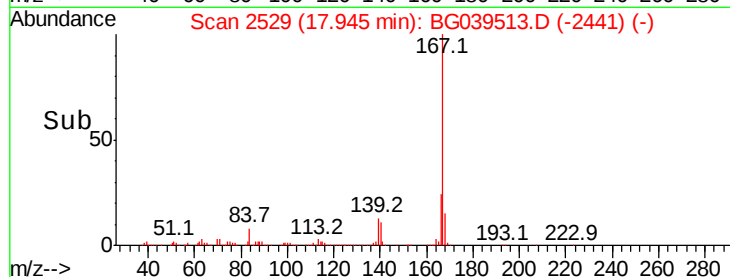
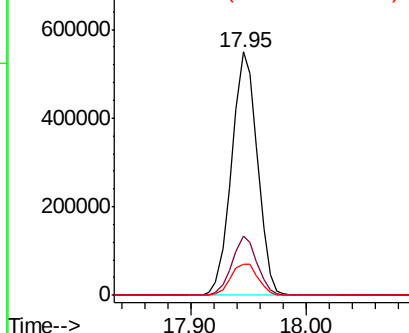
#73
 Carbazole
 Concen: 42.962 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.2
139	13.0	10.8	16.2

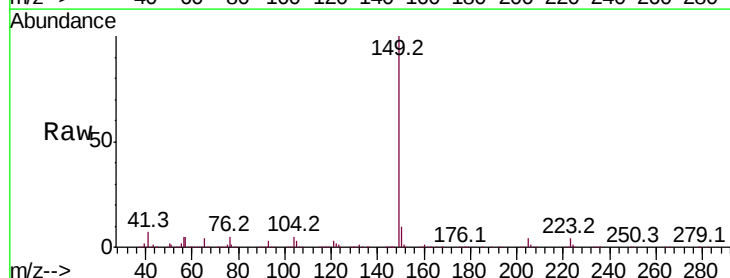


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

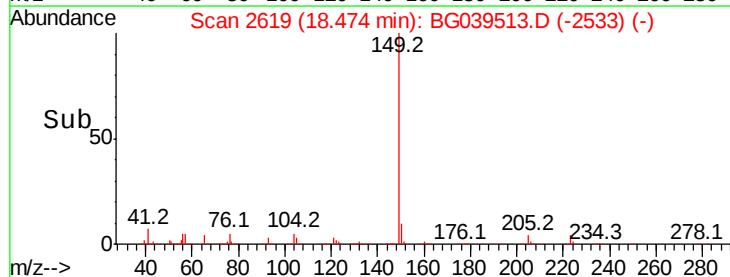
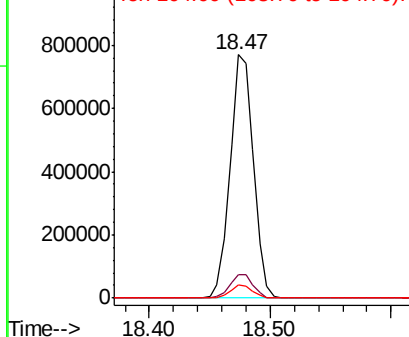


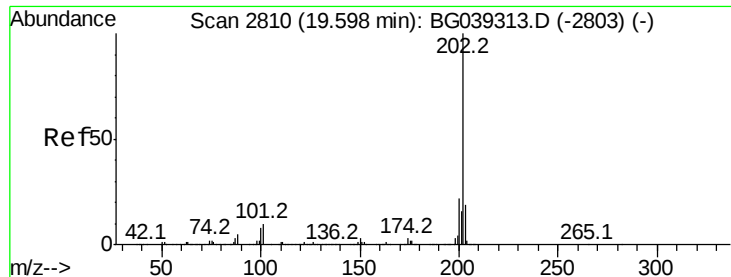
#74
 Di-n-butylphthalate
 Concen: 44.857 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039513.D
 Acq: 14 Feb 2019 19:19

Tgt 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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

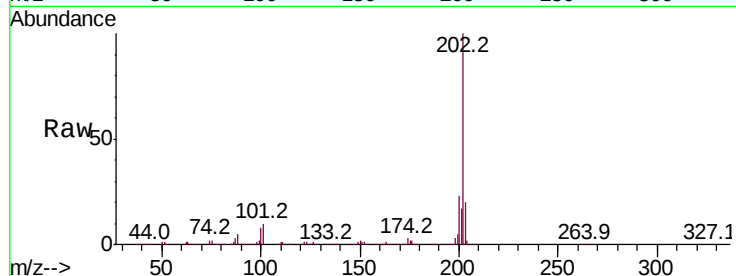
Tot Ion:202 Resp: 1124993

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	19.6	0.0	38.9

202 100

101 9.6 0.0 30.0

203 19.6 0.0 38.9

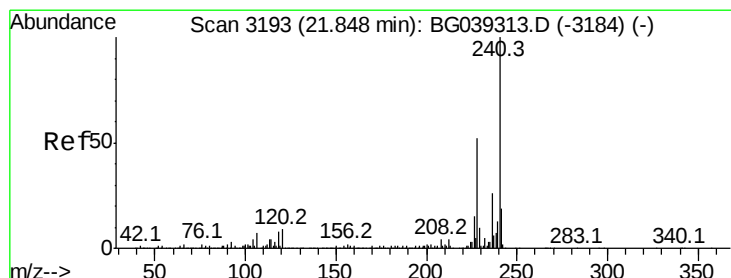
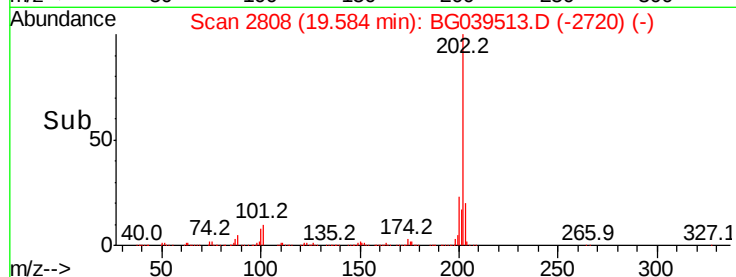
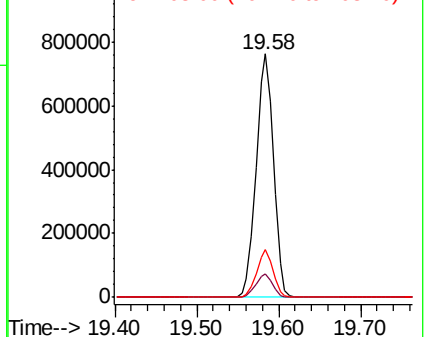


Abundance

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

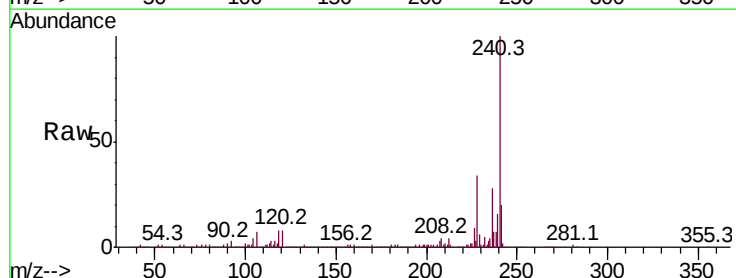
Tgt Ion:240 Resp: 386520

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	27.6	21.0	31.4

240 100

120 8.3 7.0 10.6

236 27.6 21.0 31.4

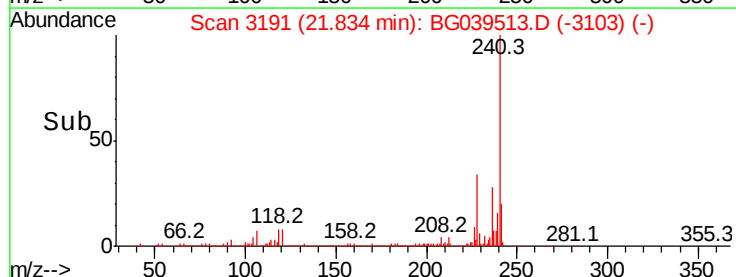
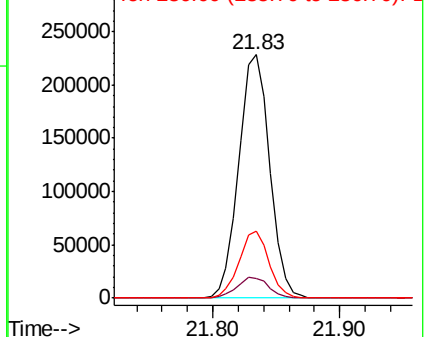


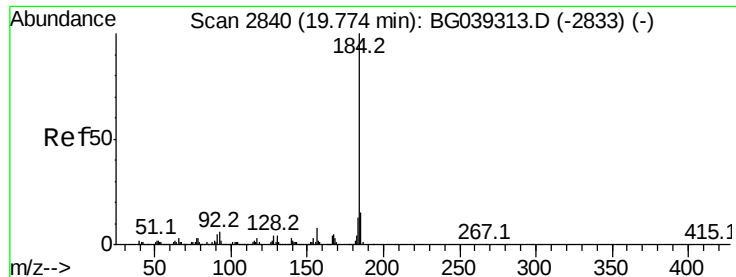
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

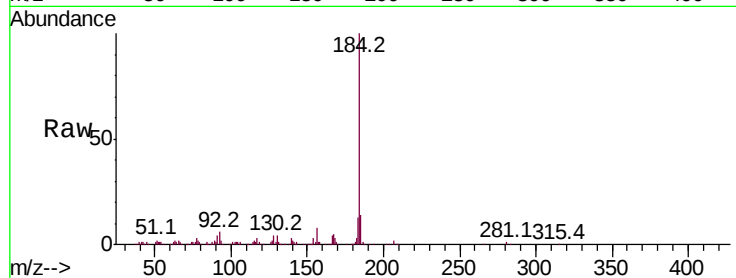
Tot Ion:184 Resp: 133266

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

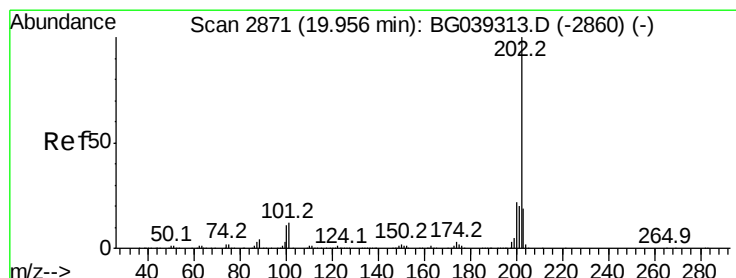
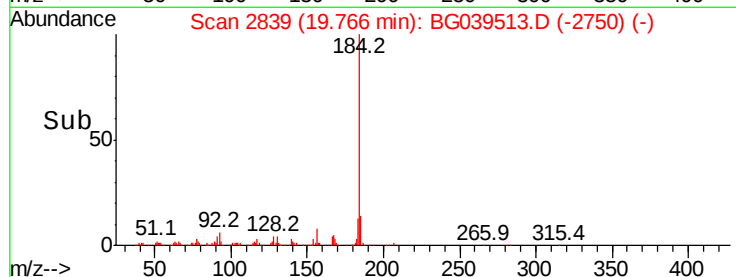
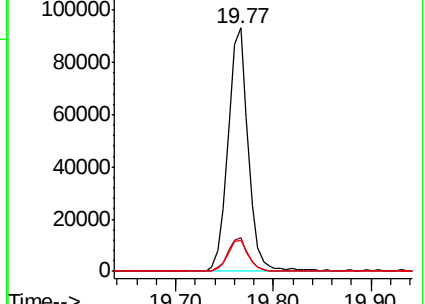
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 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

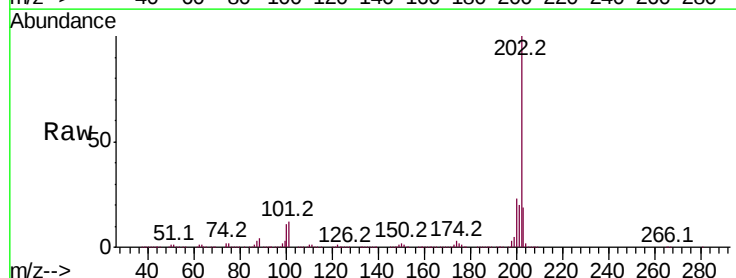
Tgt Ion:202 Resp: 1127694

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.8

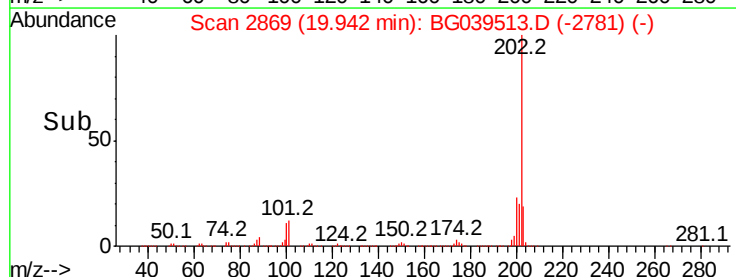
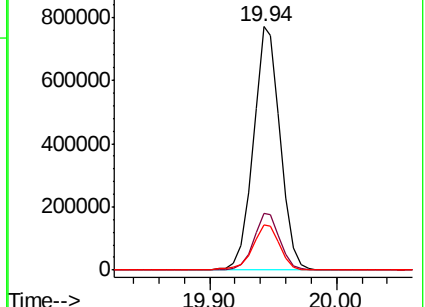
203 18.7 15.3 22.9

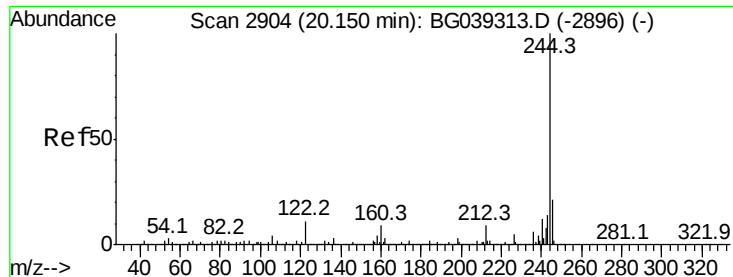


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

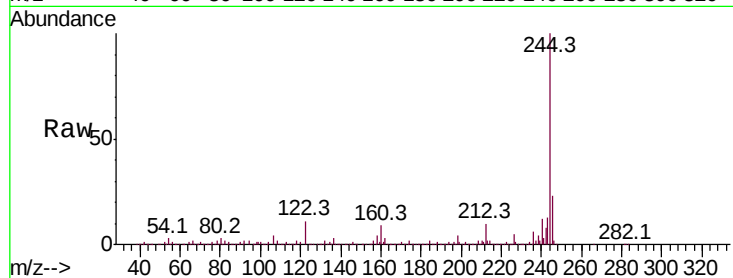
Tot Ion:244 Resp: 1654181

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

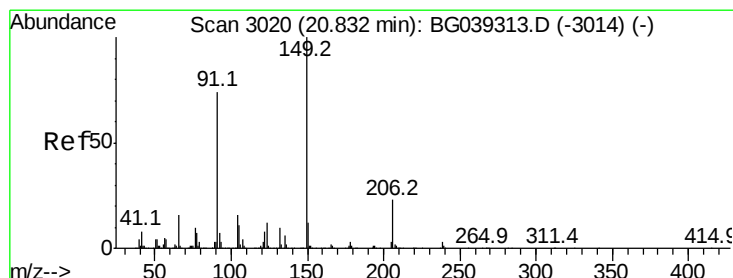
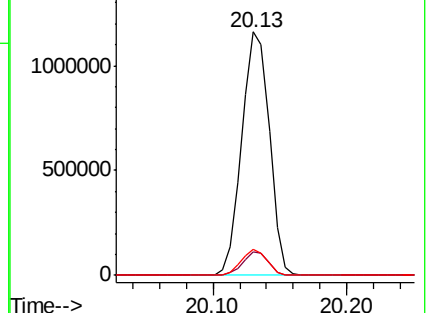
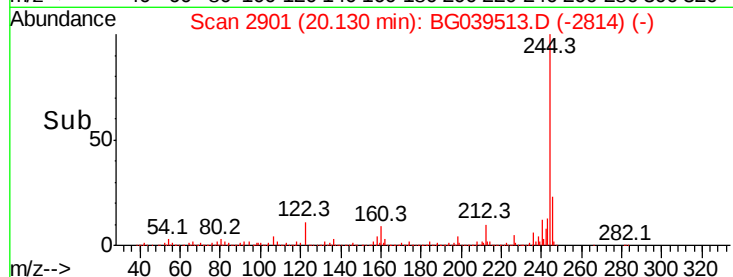
122 10.8 8.4 12.6



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

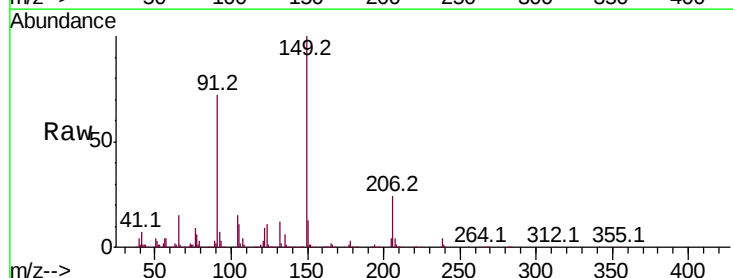
Tgt Ion:149 Resp: 490000

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

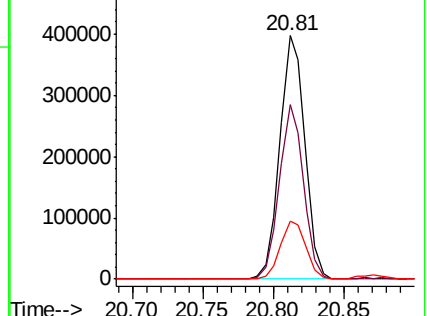
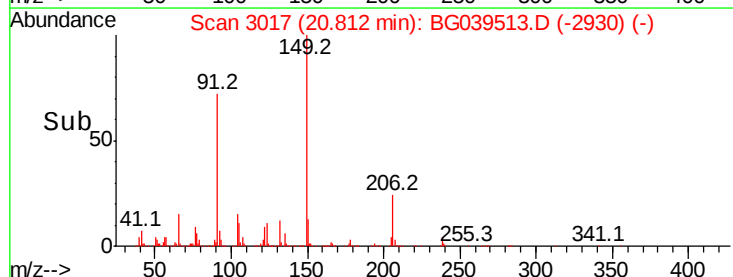
206 24.0 18.6 27.8

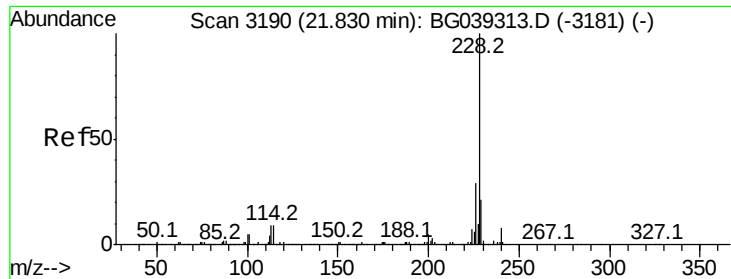


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

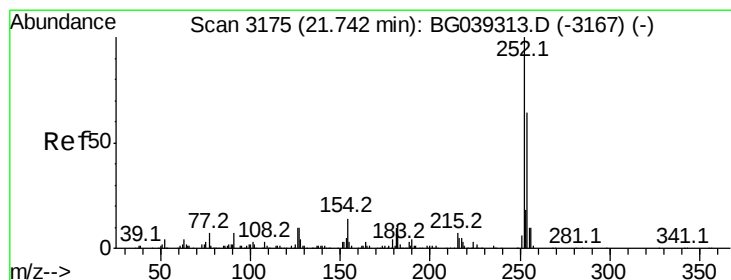
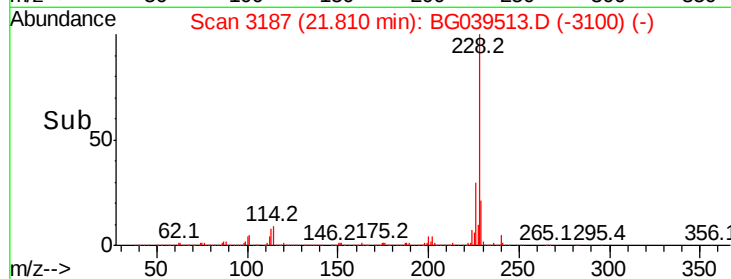
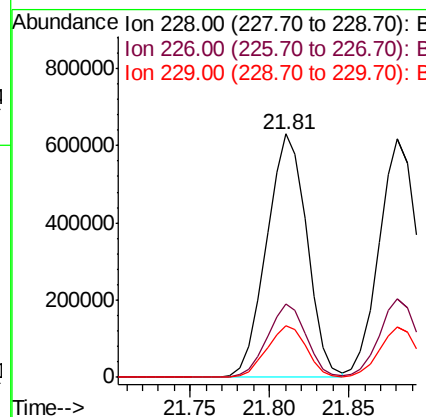
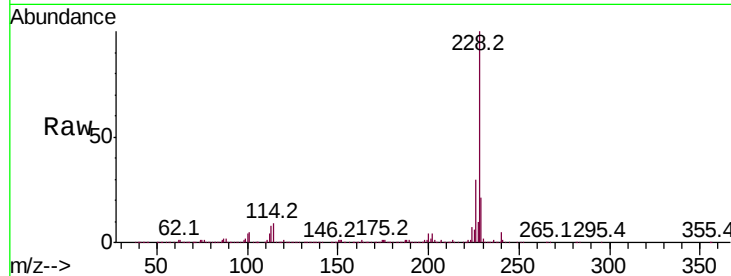




#81
Benzo(a)anthracene
Concen: 48.800 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

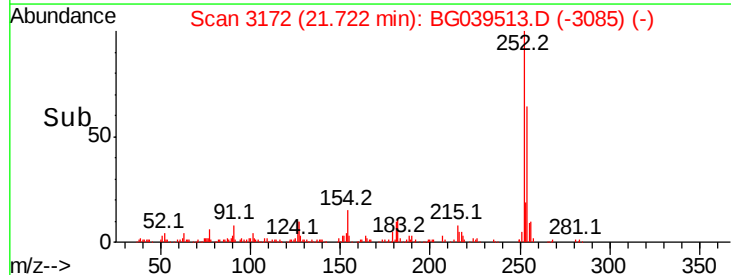
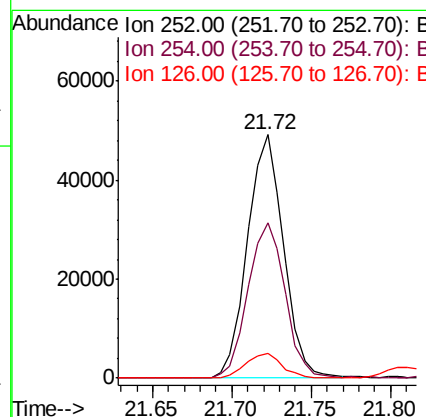
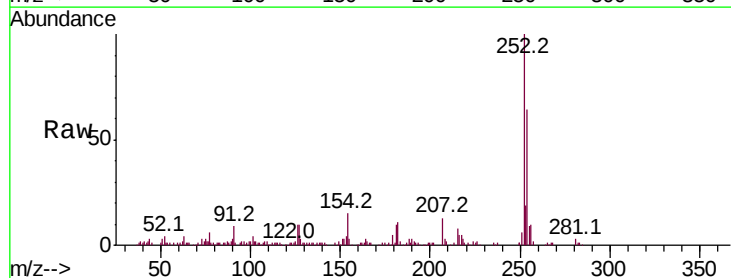
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-AMSD

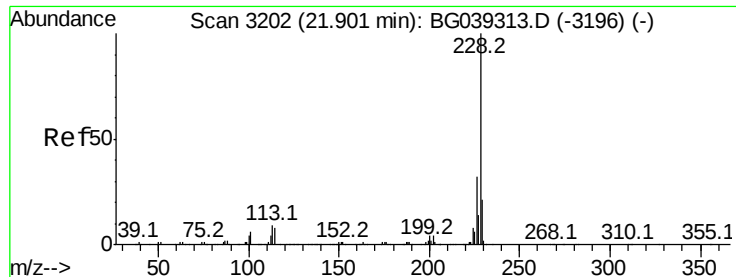
Tot Ion:228 Resp: 1114553
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.6
229 21.2 16.9 25.3



#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

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





#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

Instrument :

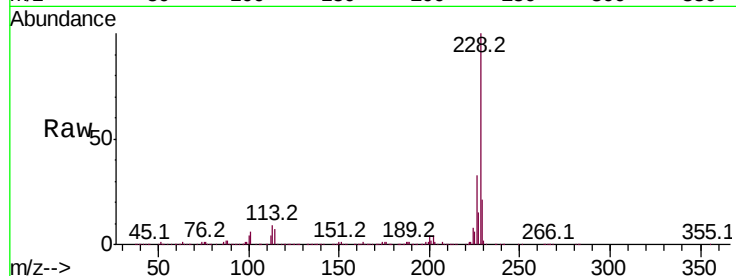
BNA_G

ClientSampleId :

OR-01-021319-AMSD

Tot Ion:228 Resp: 1040352

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.8	38.6
229	21.3	16.6	25.0

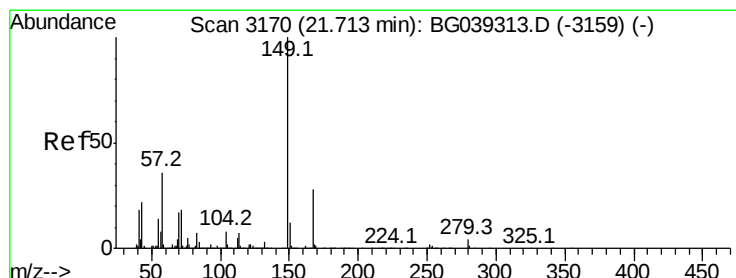
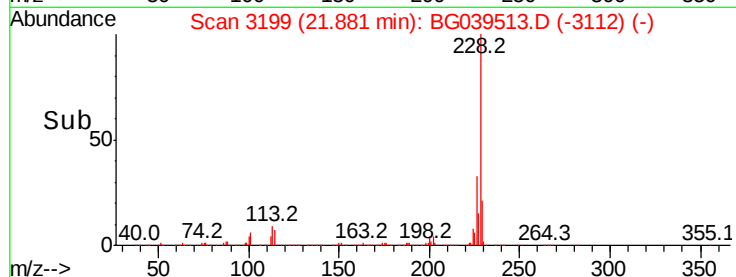
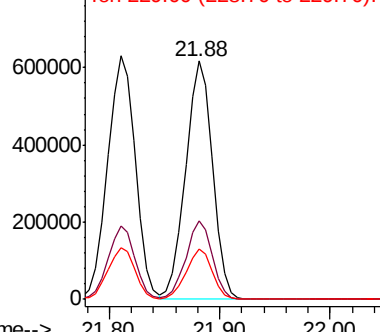


Abundance

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

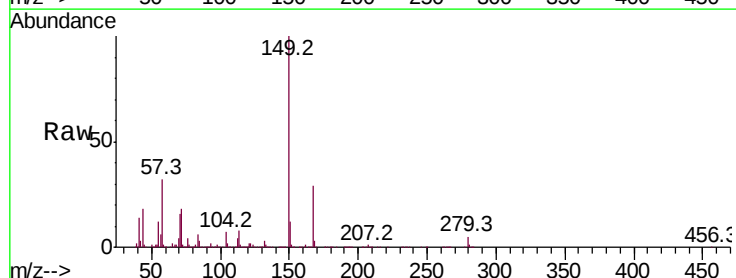
Delta R.T. -0.03 min

Lab File: BG039513.D

Acq: 14 Feb 2019 19:19

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

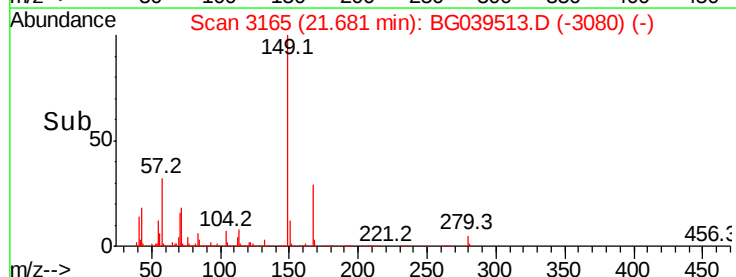
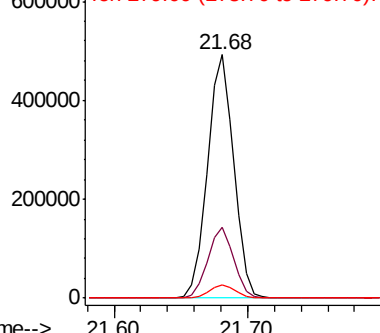


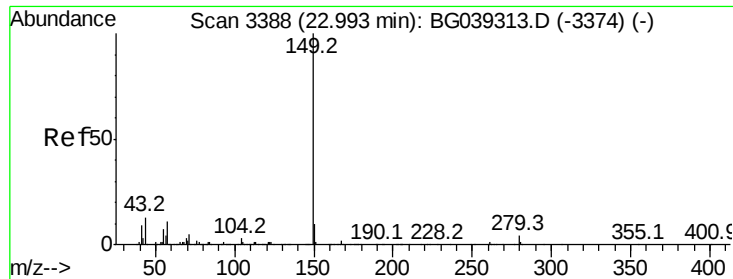
Abundance

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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

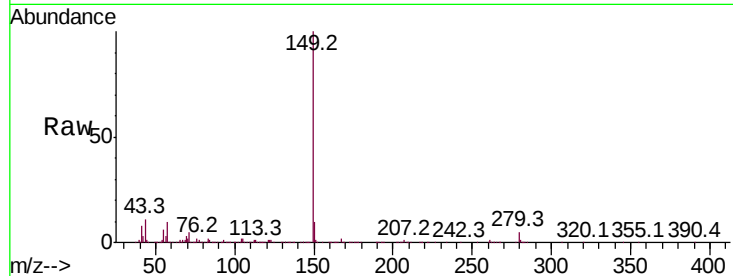
Tot Ion:149 Resp: 1154258

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

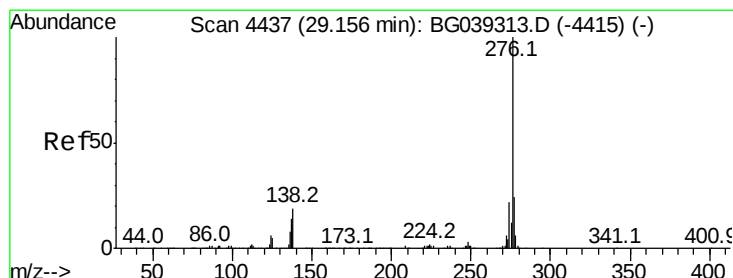
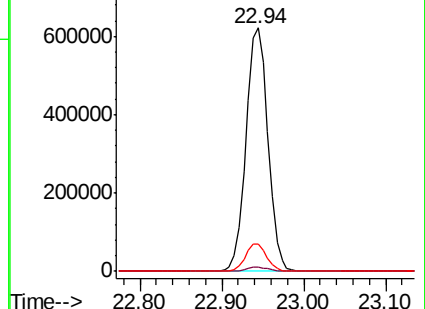
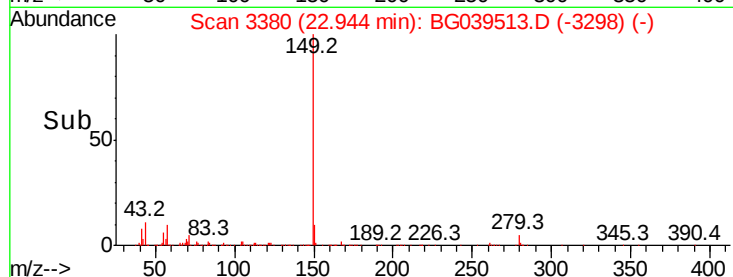
43 10.8 10.2 15.4



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

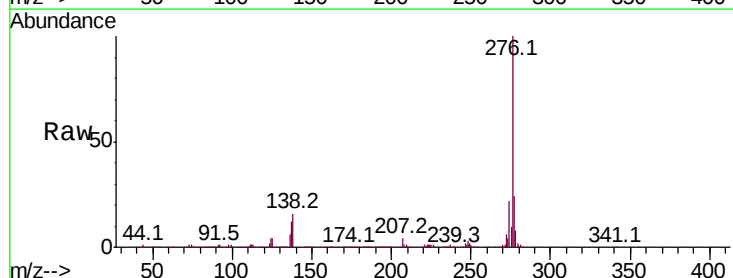
Tgt Ion:276 Resp: 1249870

Ion Ratio Lower Upper

276 100

138 12.7 12.6 19.0

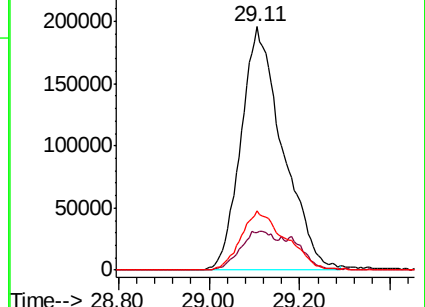
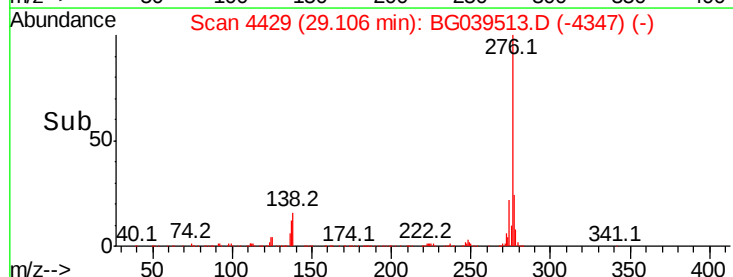
277 26.1 20.8 31.2

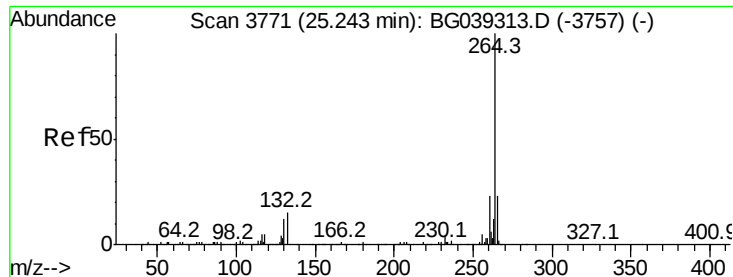


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

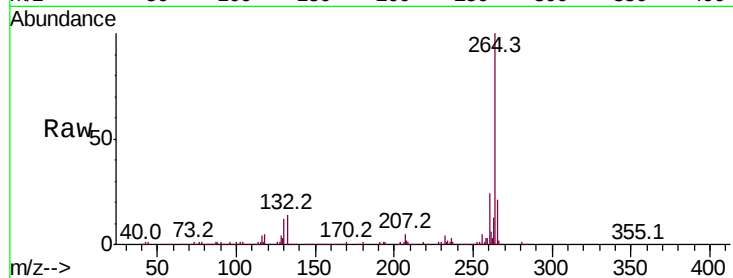
Tot Ion:264 Resp: 399002

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

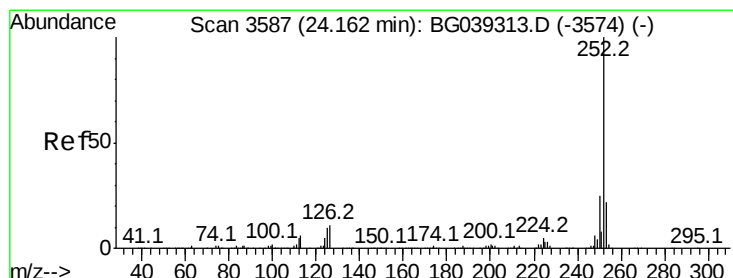
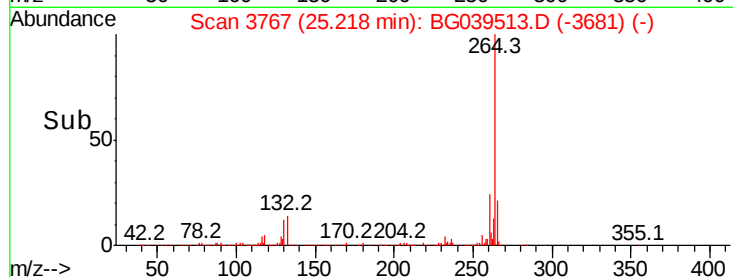
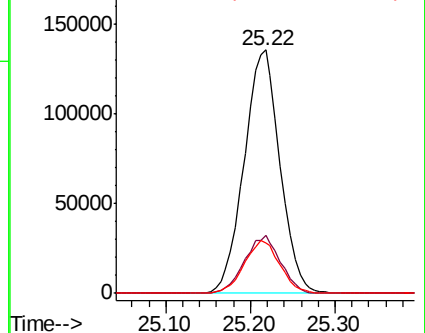
265 20.9 18.5 27.7



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

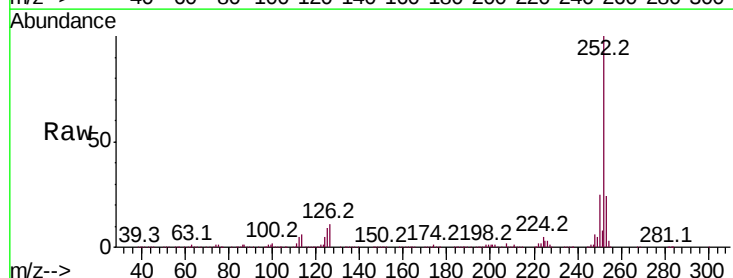
Tgt Ion:252 Resp: 1093418

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

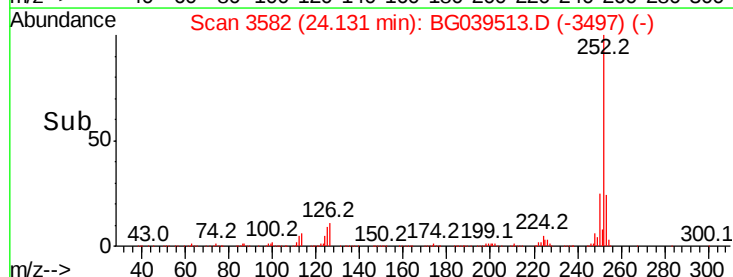
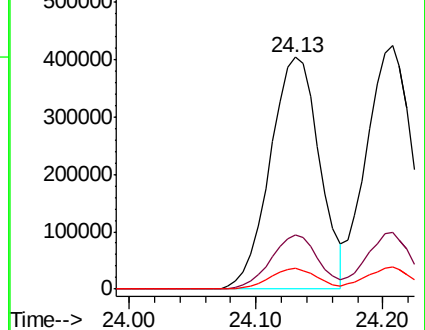
125 8.8 7.8 11.6

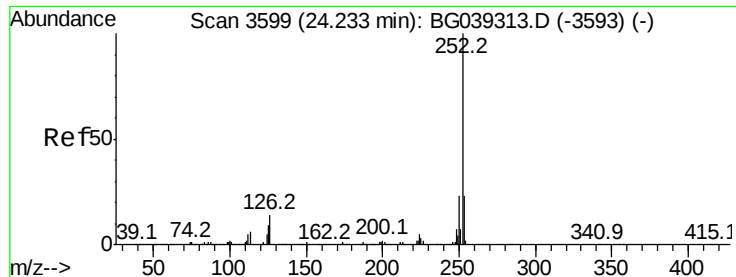


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-AMSD

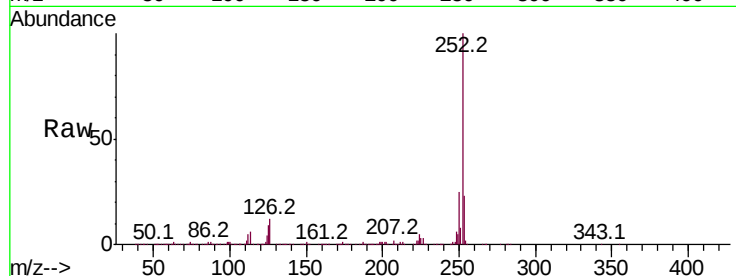
Tot Ion:252 Resp: 1067116

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

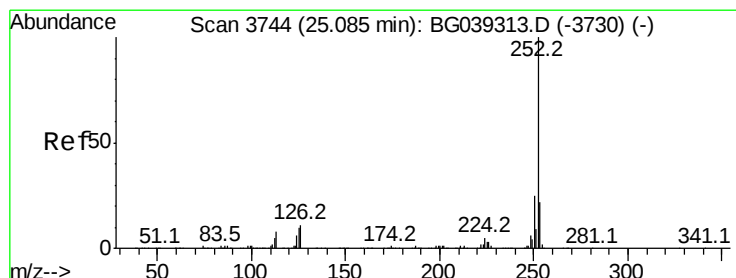
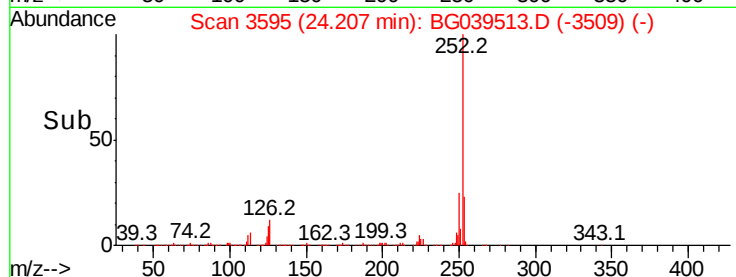
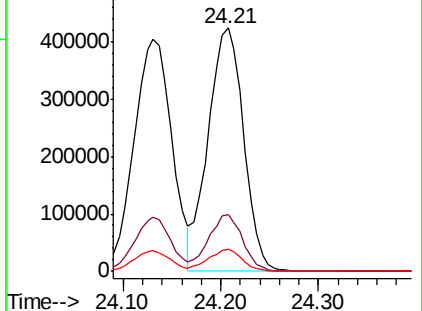
125 9.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 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

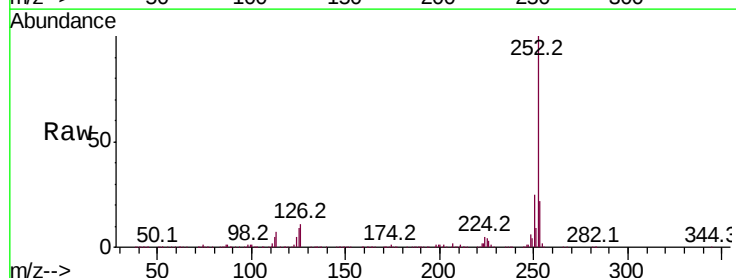
Tgt Ion:252 Resp: 1060262

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

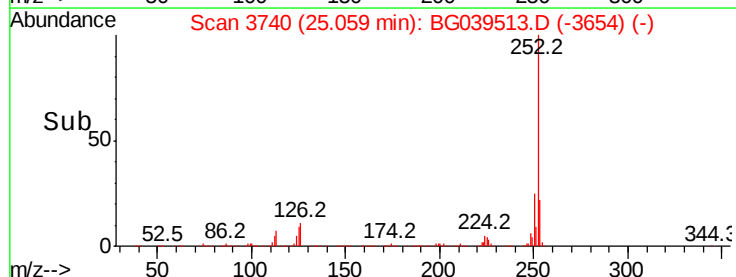
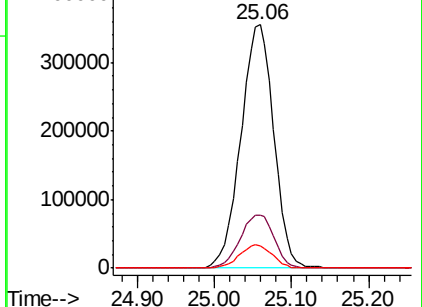
125 9.3 8.3 12.5

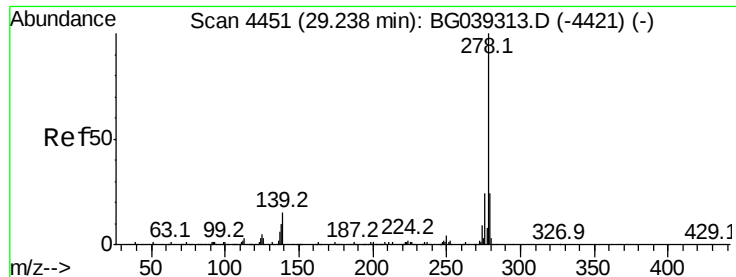


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



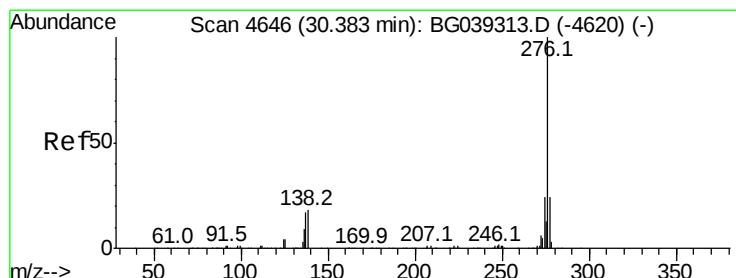
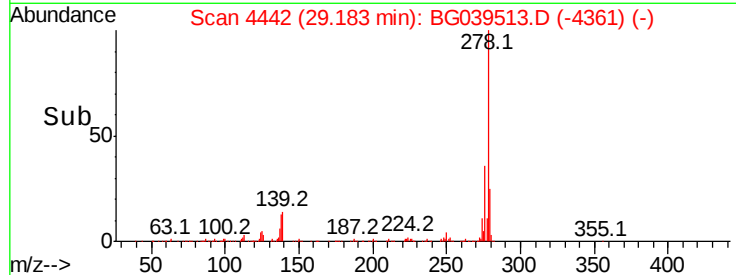
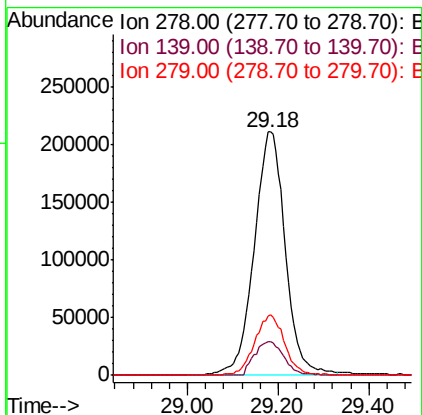
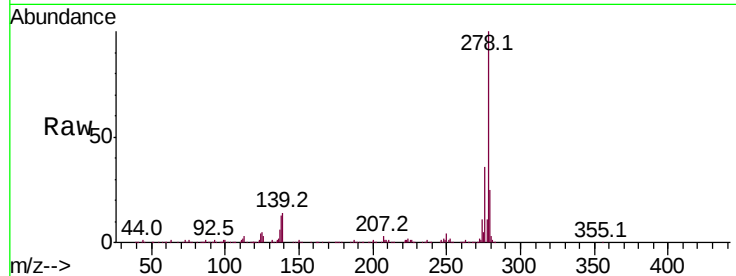


#91
Dibenzo(a,h)anthracene
Concen: 51.329 ng
RT: 29.18 min Scan# 4442
Delta R.T. -0.06 min
Lab File: BG039513.D
Acq: 14 Feb 2019 19:19

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

Tot Ion:278 Resp: 1007368

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	24.9	19.1	28.7



#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

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

