

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039089.D
 Acq On : 11 Jan 2019 17:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 00:27:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25754	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99549	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66673	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	164242	20.00	ng	0.00
76) Chrysene-d12	21.69	240	170418	20.00	ng	-0.01
87) Perylene-d12	24.96	264	183187	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	119937	88.34	ng	0.00
7) Phenol-d6	7.18	99	170317	87.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	159307	87.57	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	94507	84.56	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	427250	87.70	ng	0.00
79) Terphenyl-d14	20.02	244	773199	83.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	23494	44.191	ng	99
3) Pyridine	3.87	79	62827	43.490	ng	95
4) n-Nitrosodimethylamine	3.79	42	29517	45.406	ng	97
6) Aniline	7.36	93	98791	42.102	ng	97
8) 2-Chlorophenol	7.59	128	70593	44.111	ng	96
9) Benzaldehyde	7.17	77	43996	39.047	ng	98
10) Phenol	7.21	94	87111	44.470	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	62437	41.705	ng	99
12) 1,3-Dichlorobenzene	7.91	146	80031	41.739	ng	95
13) 1,4-Dichlorobenzene	8.06	146	82485	42.476	ng	98
14) 1,2-Dichlorobenzene	8.38	146	78944	42.637	ng	98
15) Benzyl Alcohol	8.27	79	63638	43.251	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	117535	40.942	ng	99
17) 2-Methylphenol	8.47	107	57916	42.580	ng	96
18) Hexachloroethane	9.10	117	27908	42.302	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	52809	41.160	ng	94
20) 3+4-Methylphenols	8.80	107	82249	42.413	ng	96
22) Acetophenone	8.86	105	113943	43.829	ng	# 95
24) Nitrobenzene	9.25	77	78653	42.773	ng	100
25) Isophorone	9.76	82	132955	42.427	ng	100
26) 2-Nitrophenol	9.96	139	43741	43.977	ng	95
27) 2,4-Dimethylphenol	10.01	122	62008	44.313	ng	90
28) bis(2-Chloroethoxy)methane	10.24	93	82142	43.614	ng	99
29) 2,4-Dichlorophenol	10.49	162	78465	45.136	ng	92
30) 1,2,4-Trichlorobenzene	10.70	180	89702	42.945	ng	95
31) Naphthalene	10.89	128	217895	43.642	ng	99
32) Benzoic acid	10.16	122	25657	33.392	ng	98
33) 4-Chloroaniline	11.01	127	96410	43.154	ng	98
34) Hexachlorobutadiene	11.15	225	63368	44.090	ng	98
35) Caprolactam	11.80	113	28299	40.595	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	79182	42.586	ng	93
37) 2-Methylnaphthalene	12.50	142	157919	42.187	ng	97
38) 1-Methylnaphthalene	12.71	142	150780	41.965	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	115011	45.932	ng	99

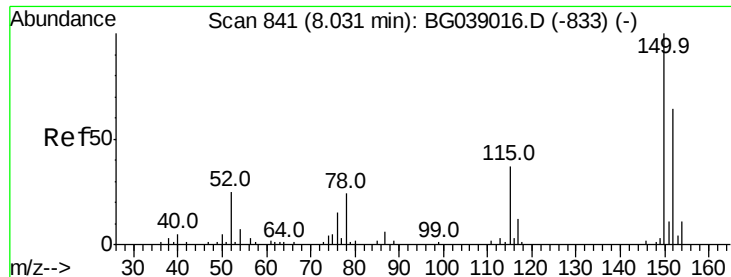
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039089.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	51852	39.867	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	70555	44.770	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	74419	44.679	ng	98
46) 1,1'-Biphenyl	13.50	154	235976	44.667	ng	99
47) 2-Chloronaphthalene	13.55	162	189981	44.438	ng	98
48) 2-Nitroaniline	13.77	65	52975	44.231	ng	92
49) Acenaphthylene	14.39	152	280330	43.625	ng	99
50) Dimethylphthalate	14.12	163	237240	42.107	ng	99
51) 2,6-Dinitrotoluene	14.25	165	52578	41.740	ng	97
52) Acenaphthene	14.73	154	167106	43.283	ng	94
53) 3-Nitroaniline	14.59	138	55080	43.104	ng	96
54) 2,4-Dinitrophenol	14.80	184	44134	60.043	ng	95
55) Dibenzofuran	15.06	168	292115	42.841	ng	100
56) 4-Nitrophenol	14.90	139	36903	40.136	ng	90
57) 2,4-Dinitrotoluene	15.04	165	76080	42.098	ng	96
58) Fluorene	15.72	166	216046	42.094	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	68190	43.370	ng	96
60) Diethylphthalate	15.47	149	237680	40.944	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	139156	43.035	ng	99
62) 4-Nitroaniline	15.75	138	57529	43.216	ng	99
63) Azobenzene	15.99	77	191207	42.120	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	43725	35.934	ng	97
66) n-Nitrosodiphenylamine	15.92	169	213676	43.885	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	92085	43.616	ng	98
68) Hexachlorobenzene	16.71	284	98510	42.760	ng	94
69) Atrazine	16.86	200	89405	43.224	ng	97
70) Pentachlorophenol	17.07	266	53480	40.648	ng	95
71) Phenanthrene	17.46	178	372500	42.908	ng	99
72) Anthracene	17.55	178	370472	43.161	ng	98
73) Carbazole	17.83	167	363142	42.856	ng	98
74) Di-n-butylphthalate	18.35	149	403458	42.800	ng	98
75) Fluoranthene	19.47	202	454142	42.198	ng	99
77) Benzidine	19.65	184	185514	35.591	ng	99
78) Pyrene	19.83	202	464114	42.734	ng	98
80) Butylbenzylphthalate	20.70	149	178103	43.117	ng	98
81) Benzo(a)anthracene	21.67	228	445061	42.901	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	181821	43.015	ng	96
83) Chrysene	21.74	228	421793	42.749	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	251159	43.791	ng	96
85) Di-n-octyl phthalate	22.75	149	420698	43.379	ng	100
86) Indeno(1,2,3-cd)pyrene	28.72	276	509164	43.187	ng	99
88) Benzo(b)fluoranthene	23.92	252	444550	44.011	ng	99
89) Benzo(k)fluoranthene	23.99	252	436475	43.704	ng	98
90) Benzo(a)pyrene	24.81	252	425872	43.620	ng	98
91) Dibenzo(a,h)anthracene	28.78	278	421702	43.424	ng	99
92) Benzo(g,h,i)perylene	29.91	276	416669	43.340	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

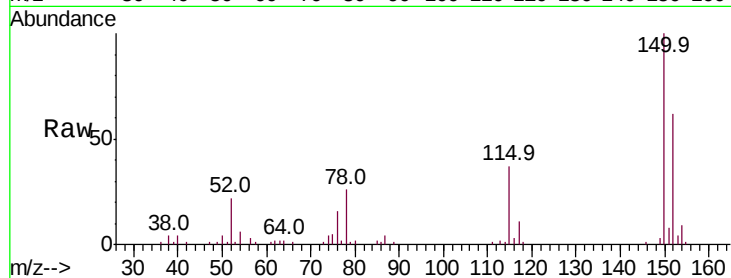
Tot Ion:152 Resp: 25754

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

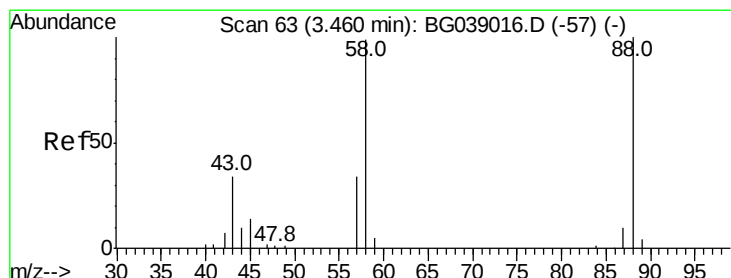
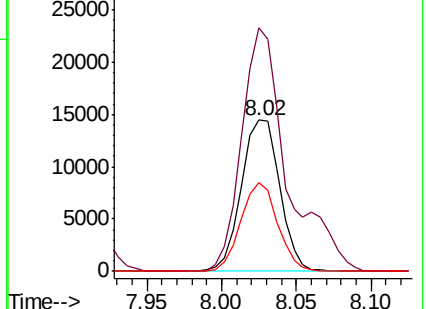
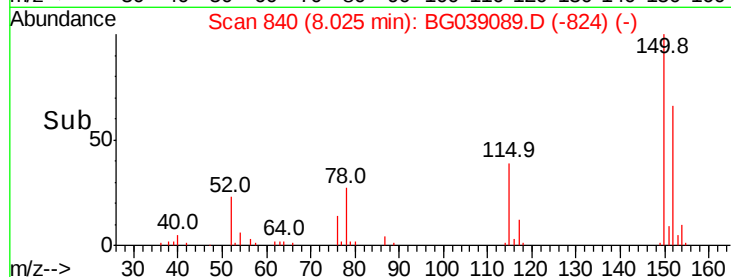
115 59.0 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.191 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

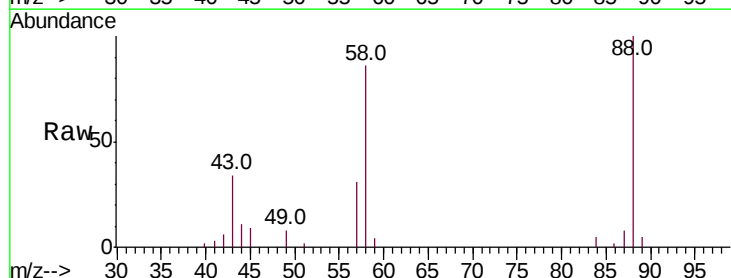
Tgt Ion: 88 Resp: 23494

Ion Ratio Lower Upper

88 100

58 89.4 72.4 108.6

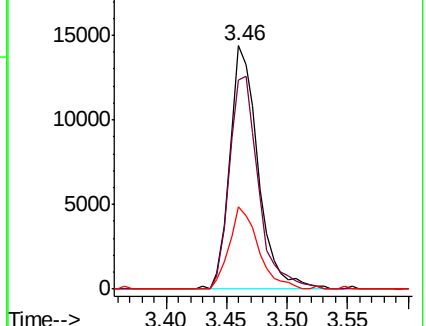
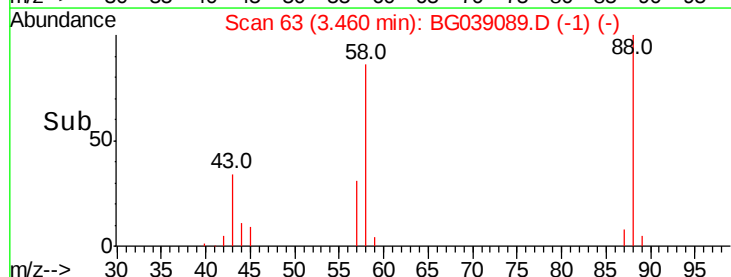
43 34.6 27.6 41.4

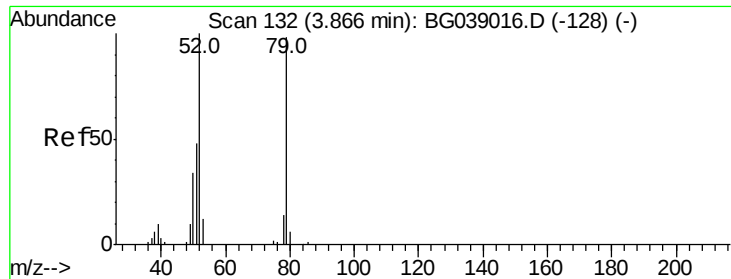


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.490 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

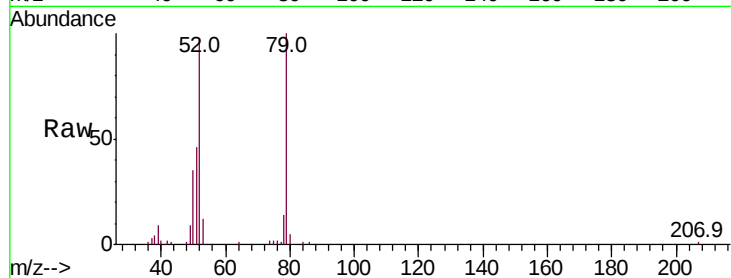
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 62827

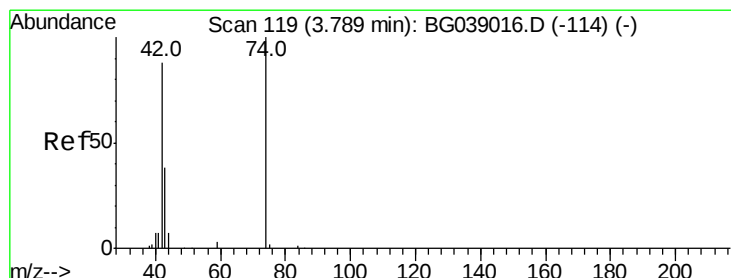
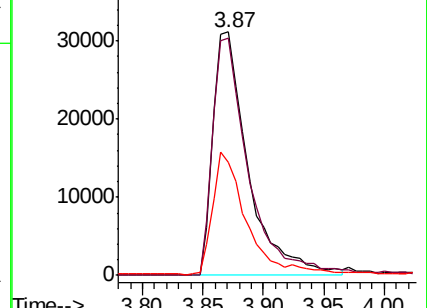
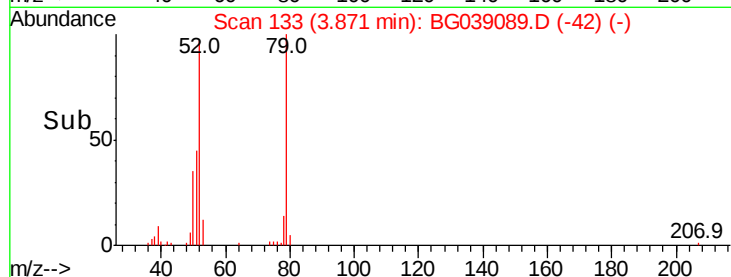
Ion	Ratio	Lower	Upper
79	100		
52	97.2	81.5	122.3
51	46.3	39.8	59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.406 ng

RT: 3.79 min Scan# 120

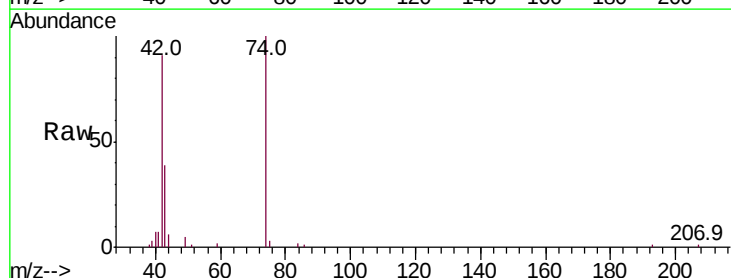
Delta R.T. 0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Tgt Ion: 42 Resp: 29517

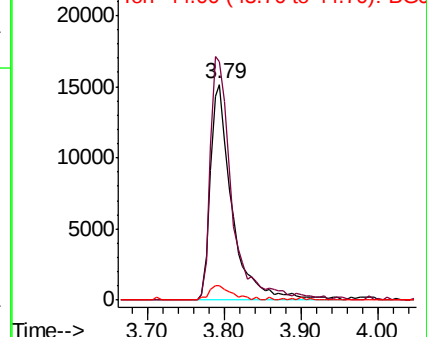
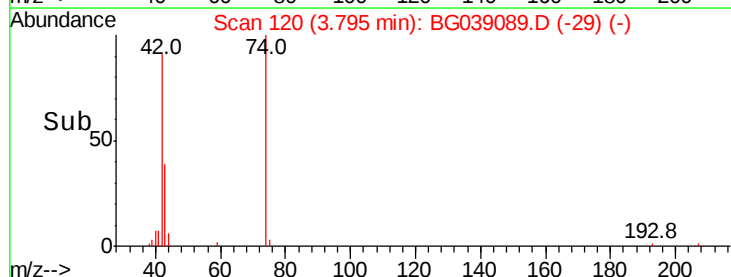
Ion	Ratio	Lower	Upper
42	100		
74	110.2	90.7	136.1
44	6.7	6.5	9.7

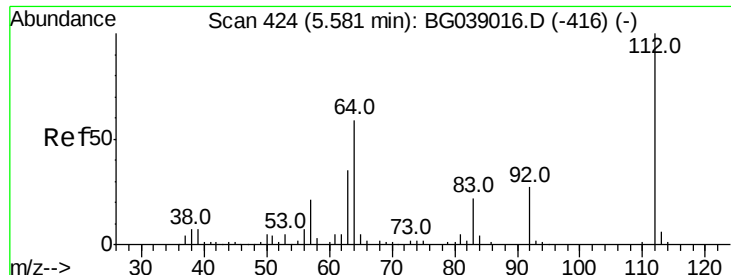


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

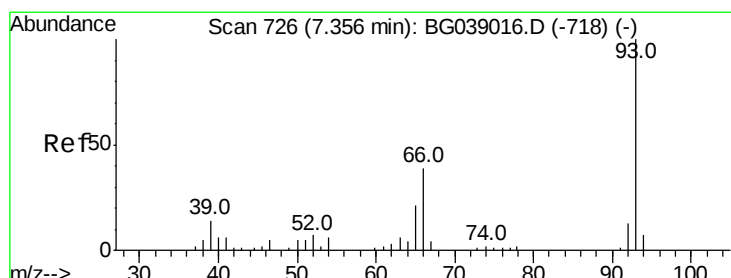
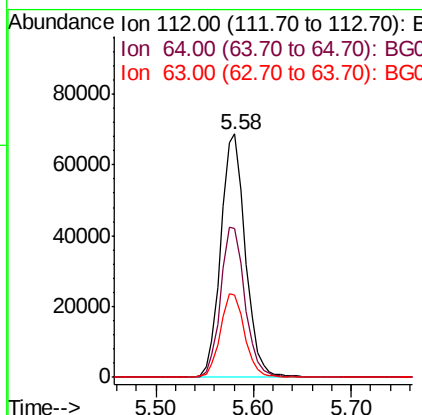
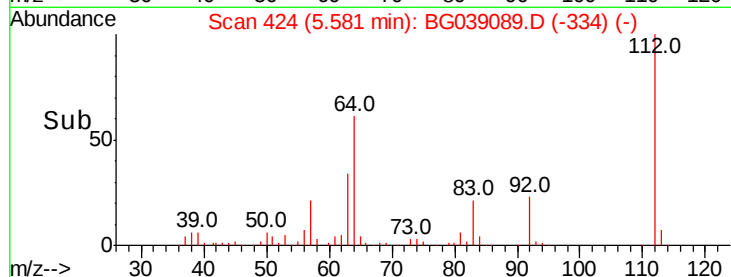
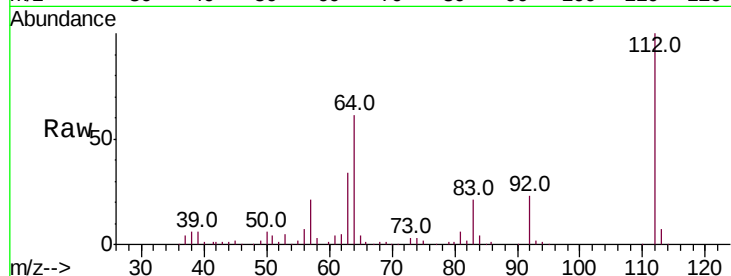




#5
 2-Fluorophenol
 Concen: 88.343 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

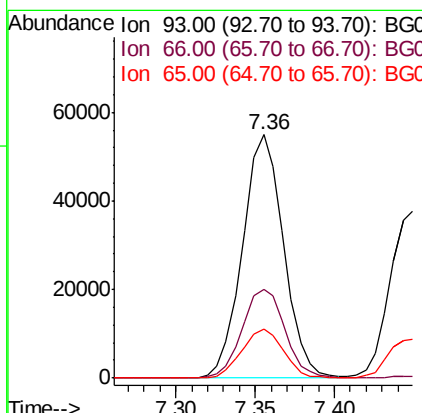
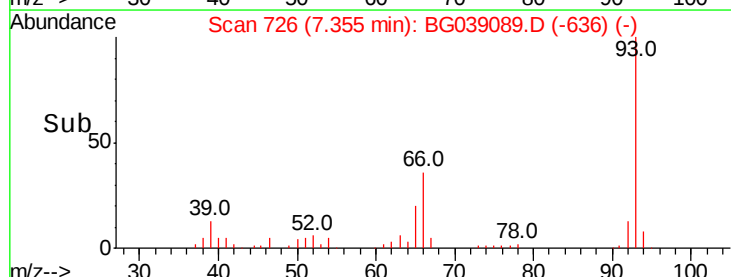
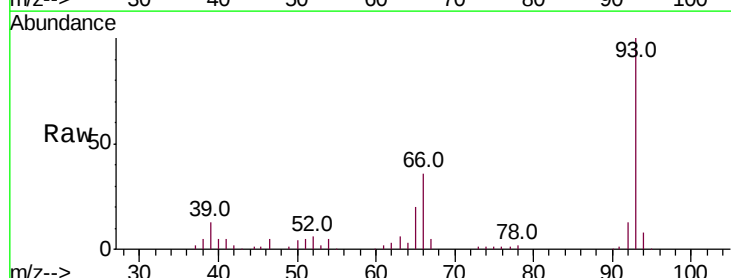
Instrument :
 BNA_G
 ClientSampled :

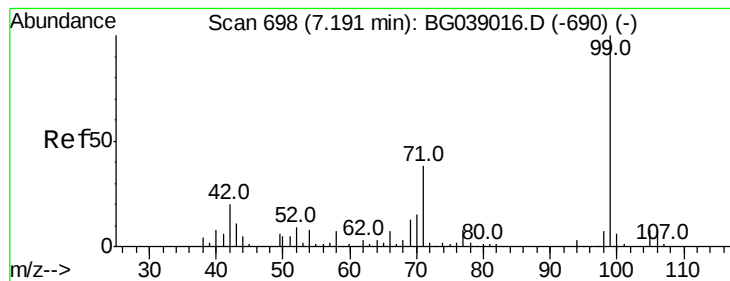
Tot Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.0	70.6
63	33.6	28.0	42.0



#6
 Aniline
 Concen: 42.102 ng
 RT: 7.36 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.4	30.9	46.3
65	20.1	17.0	25.4





#7

Phenol-d6

Concen: 87.172 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

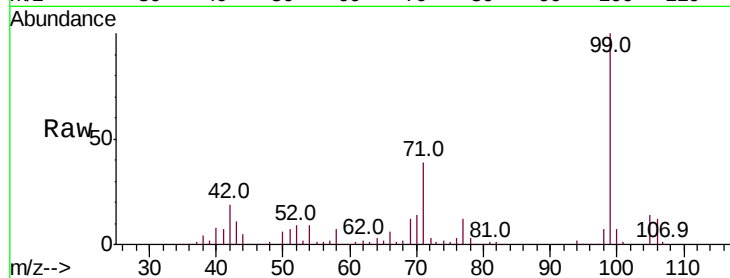
Tot Ion: 99 Resp: 170317

Ion Ratio Lower Upper

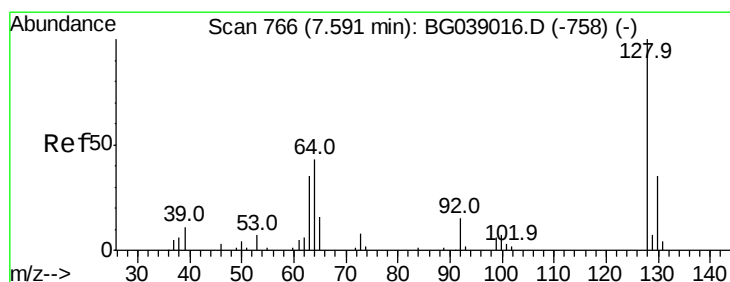
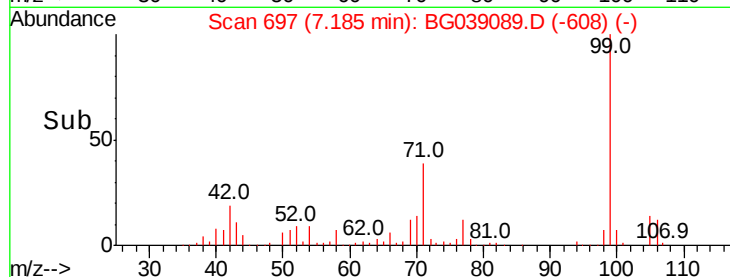
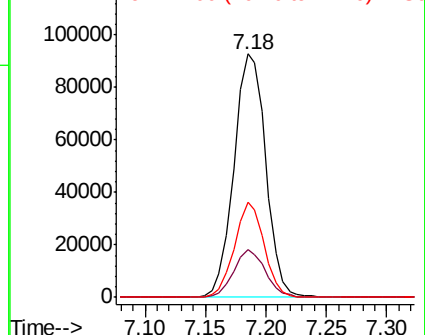
99 100

42 19.4 15.8 23.6

71 39.0 30.2 45.4



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: 44.111 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

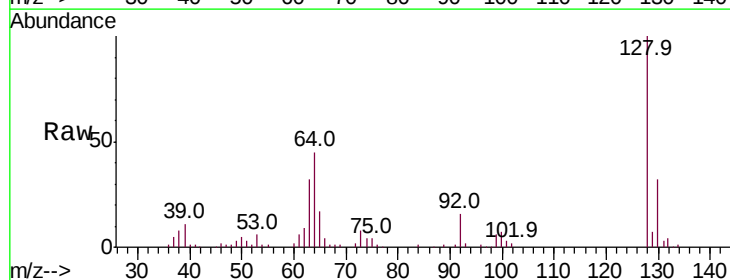
Tgt Ion: 128 Resp: 70593

Ion Ratio Lower Upper

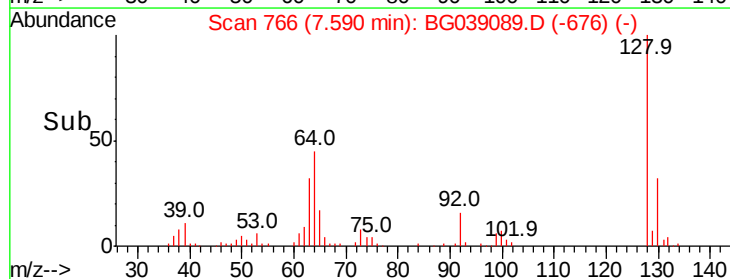
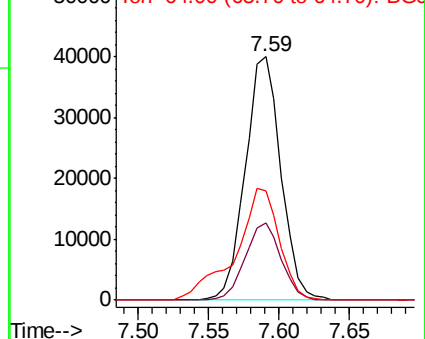
128 100

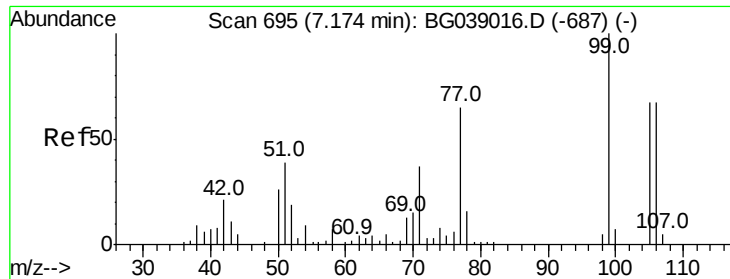
130 31.8 14.5 54.5

64 44.7 27.3 67.3



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: 39.047 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

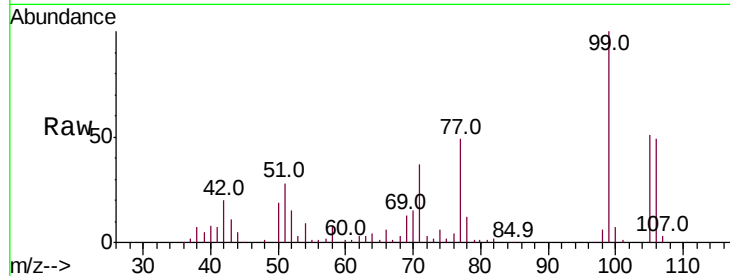
Tot Ion: 77 Resp: 43996

Ion Ratio Lower Upper

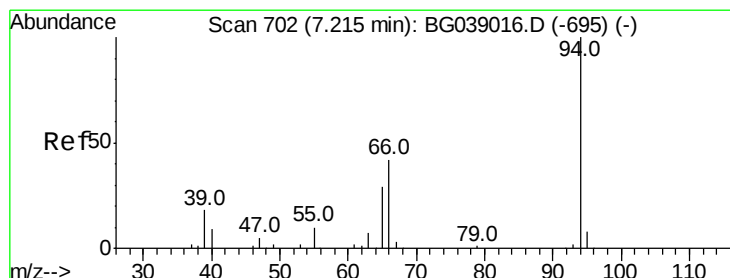
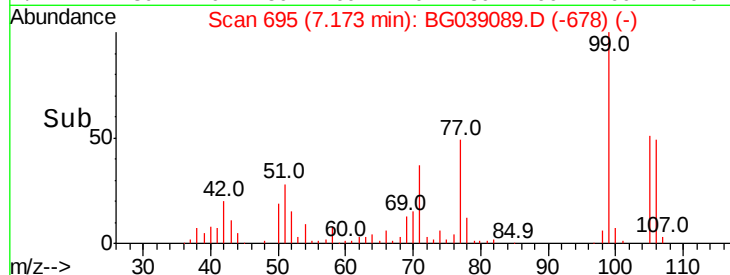
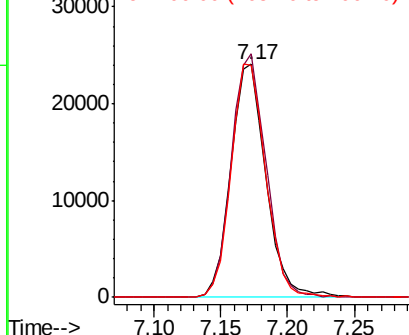
77 100

105 104.5 82.4 122.4

106 99.8 82.8 122.8



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: 44.470 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

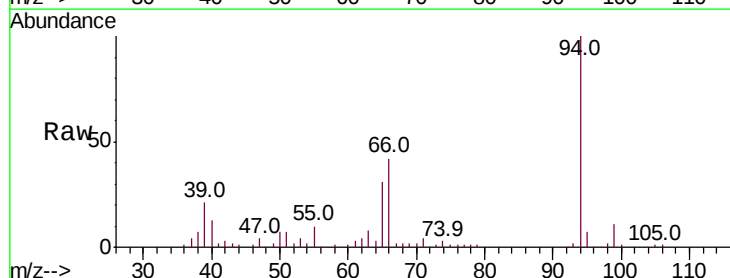
Tgt Ion: 94 Resp: 87111

Ion Ratio Lower Upper

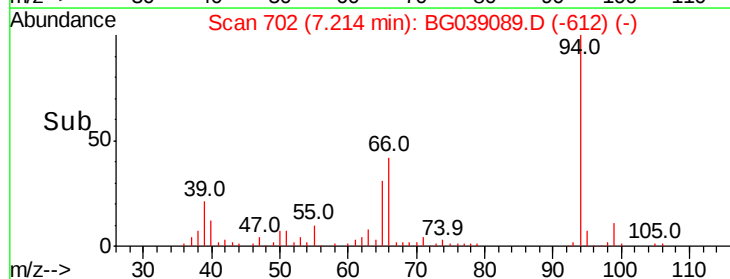
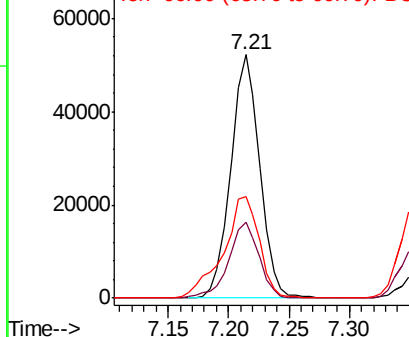
94 100

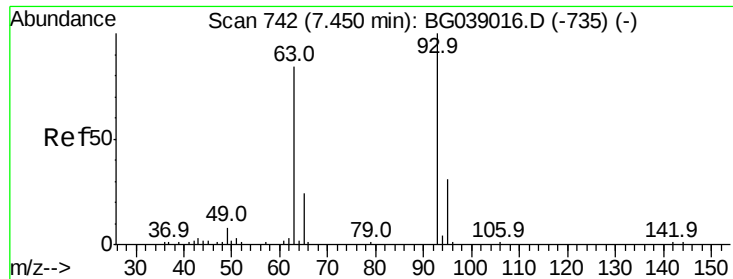
65 31.3 10.3 50.3

66 41.9 25.1 65.1



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

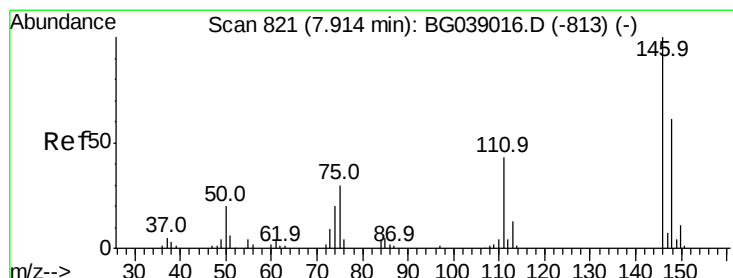
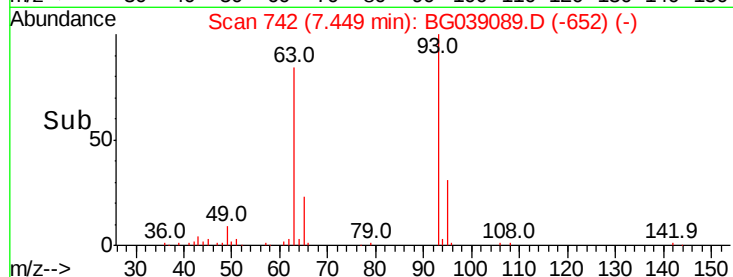
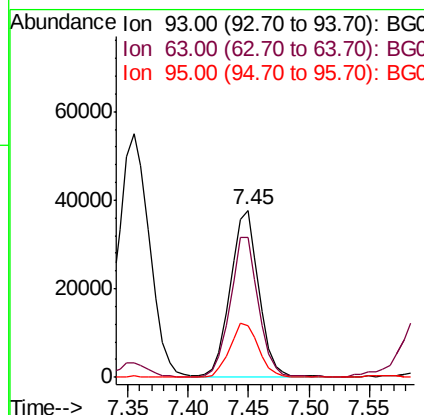
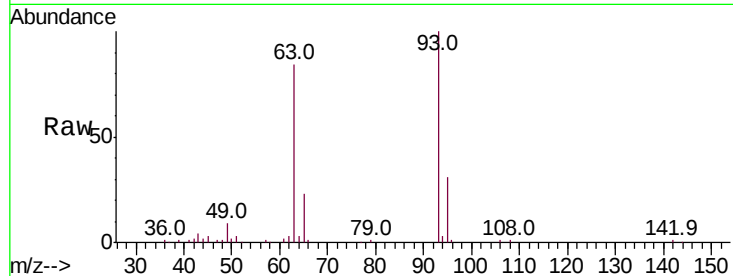




#11
bis(2-Chloroethyl)ether
Concen: 41.705 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

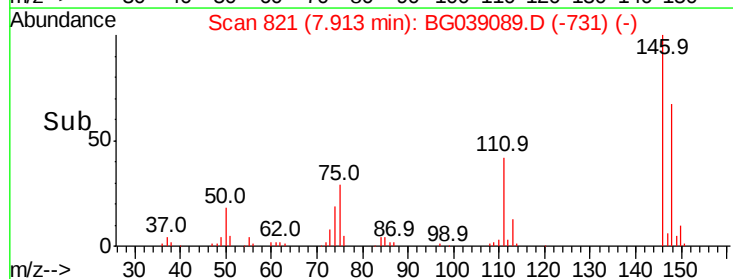
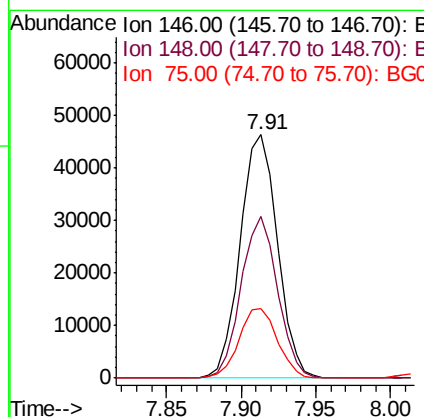
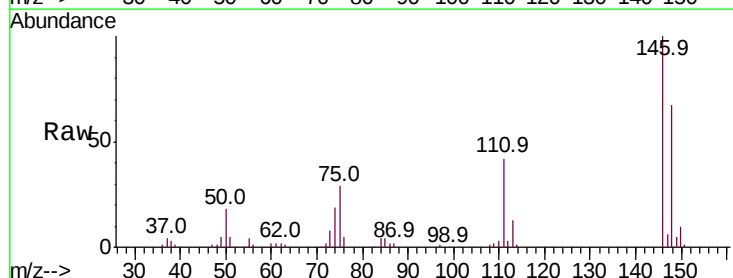
Instrument :
BNA_G
ClientSampleId :

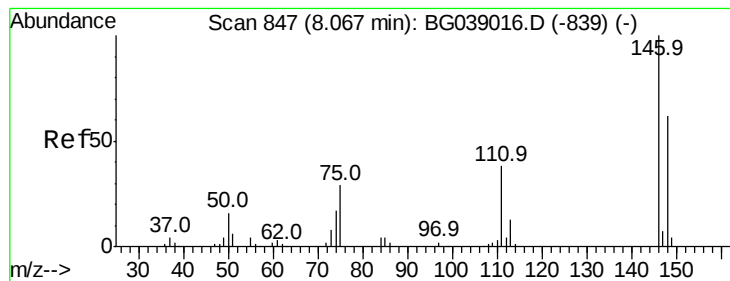
Tot Ion: 93 Resp: 62437
Ion Ratio Lower Upper
93 100
63 83.8 63.2 103.2
95 30.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.739 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:146 Resp: 80031
Ion Ratio Lower Upper
146 100
148 66.6 49.1 73.7
75 28.8 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 42.476 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

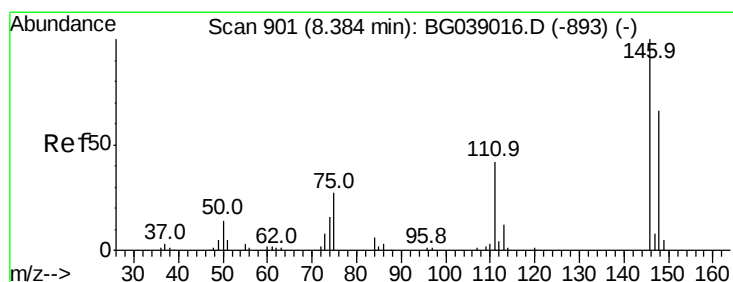
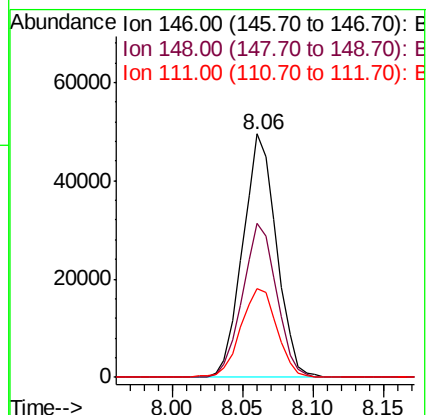
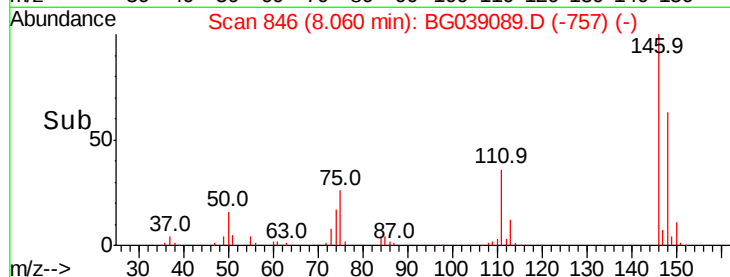
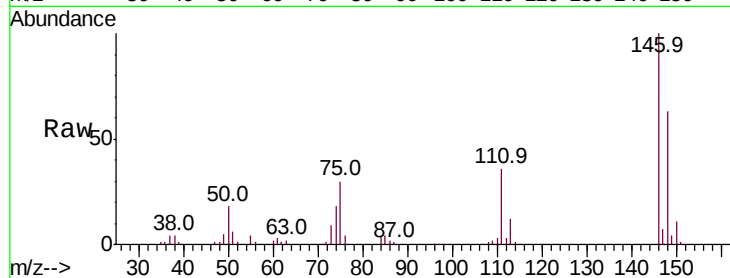
Tot Ion:146 Resp: 82485

Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.6

111 36.3 30.6 45.8



#14

1,2-Dichlorobenzene

Concen: 42.637 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

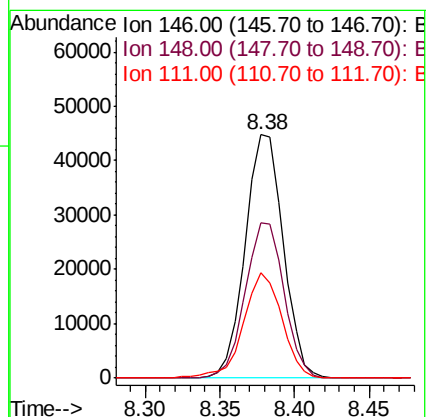
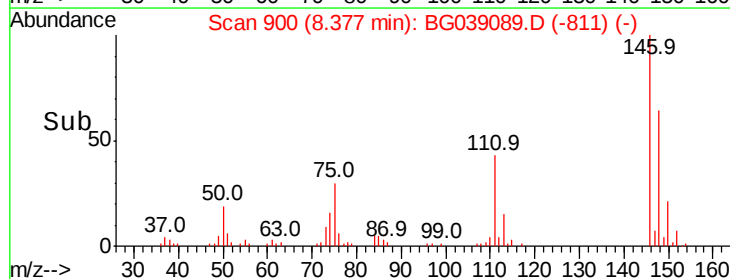
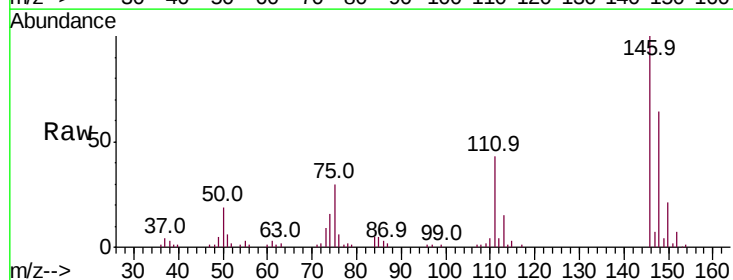
Tgt Ion:146 Resp: 78944

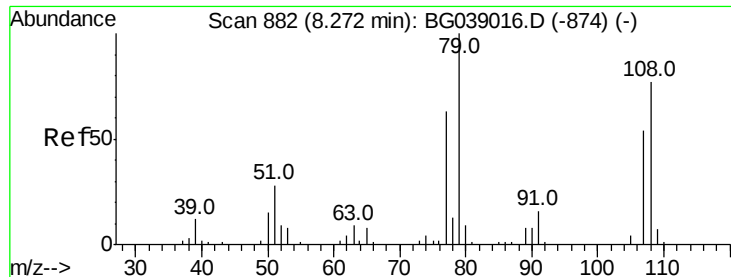
Ion Ratio Lower Upper

146 100

148 63.8 52.6 79.0

111 43.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 43.251 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

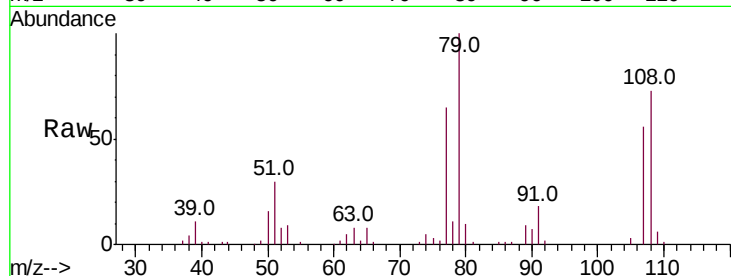
Tot Ion: 79 Resp: 63638

Ion Ratio Lower Upper

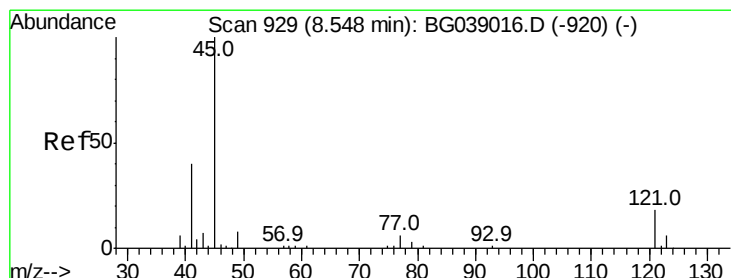
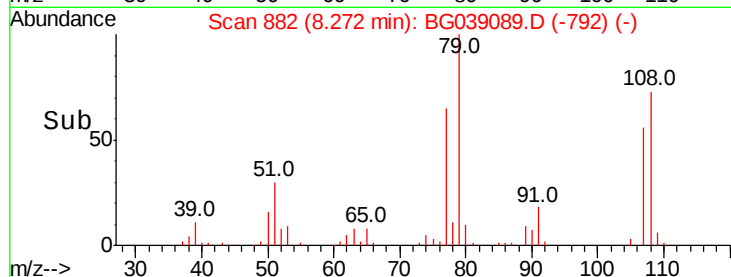
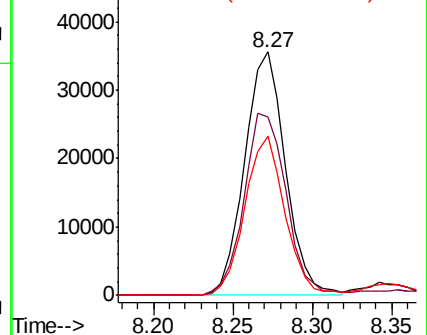
79 100

108 73.5 62.0 93.0

77 65.1 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.942 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

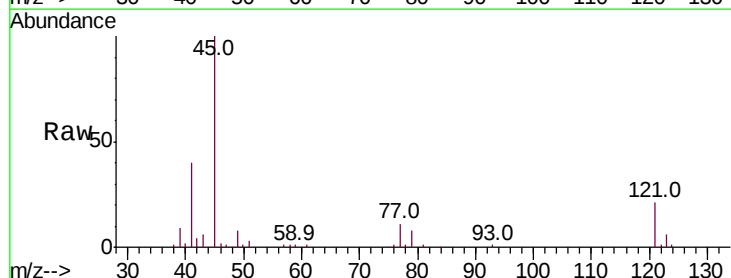
Tgt Ion: 45 Resp: 117535

Ion Ratio Lower Upper

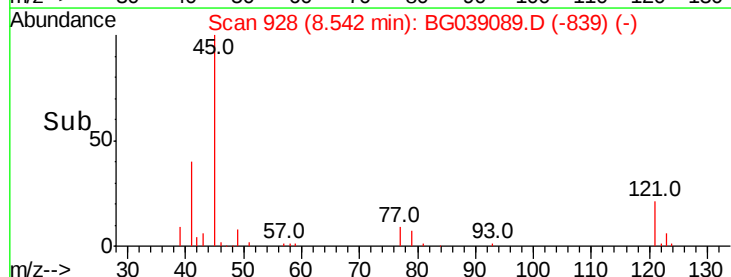
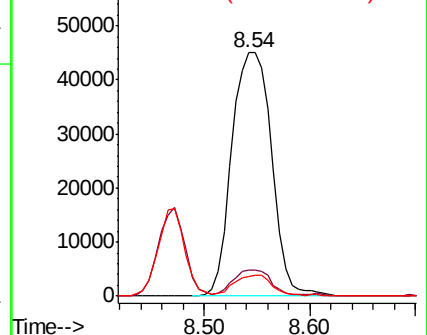
45 100

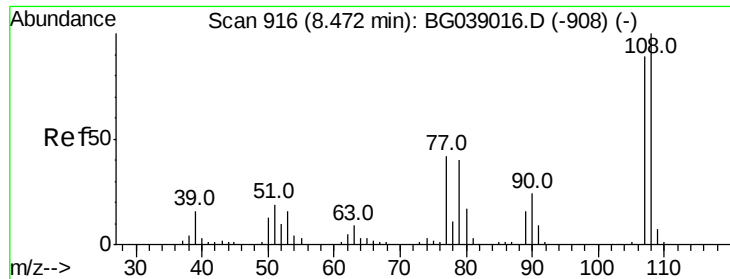
77 10.5 0.0 30.7

79 8.2 0.0 28.5



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

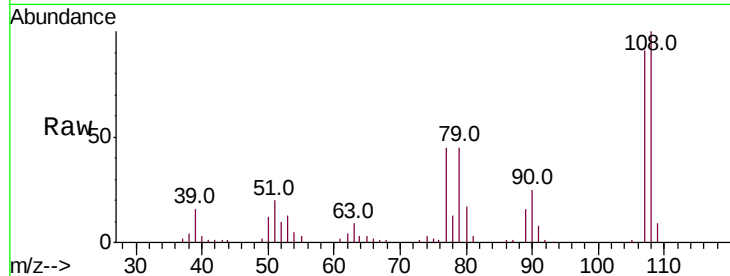




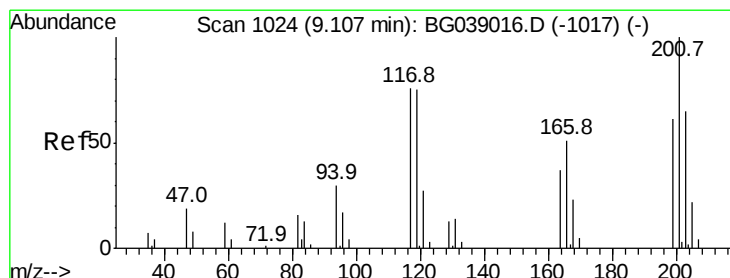
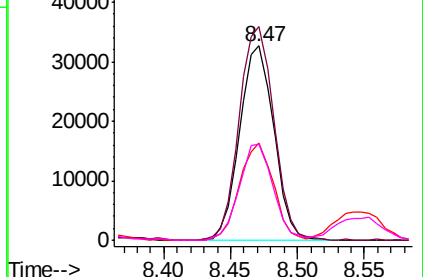
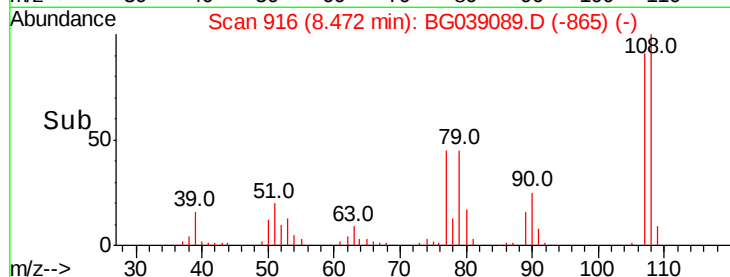
#17
2-Methylphenol
Concen: 42.580 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 57916
Ion Ratio Lower Upper
107 100
108 110.1 90.3 135.5
77 50.0 38.3 57.5
79 49.6 35.8 53.6

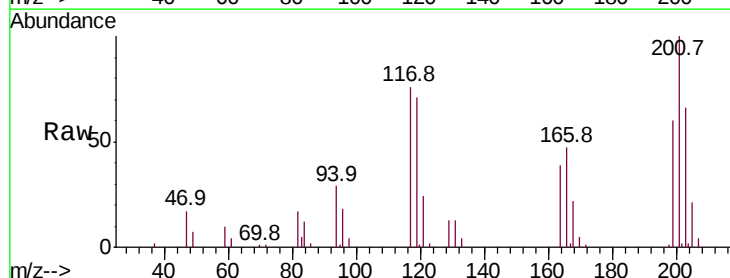


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

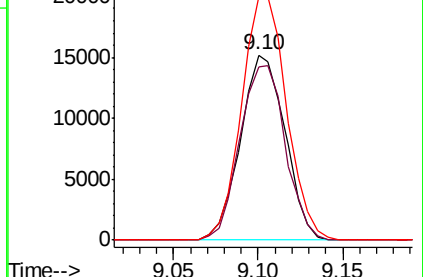
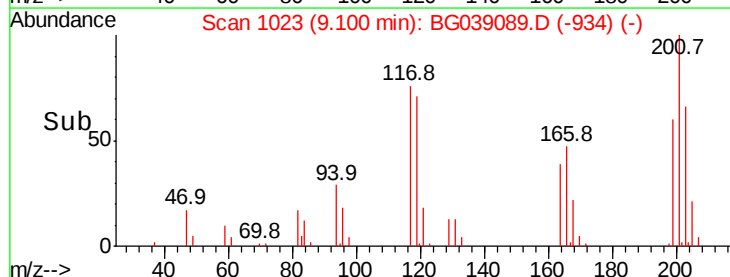


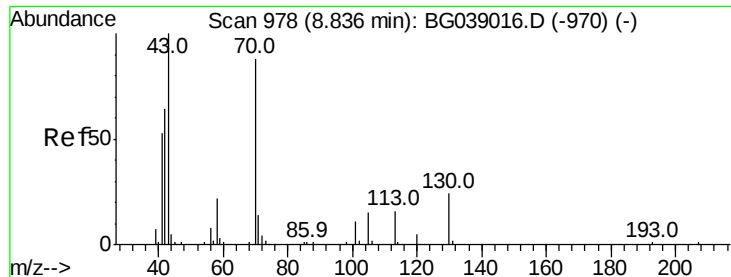
#18
Hexachloroethane
Concen: 42.302 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:117 Resp: 27908
Ion Ratio Lower Upper
117 100
119 95.2 78.7 118.1
201 134.6 108.1 162.1



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

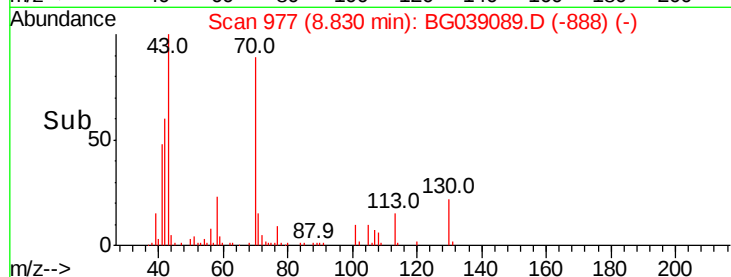
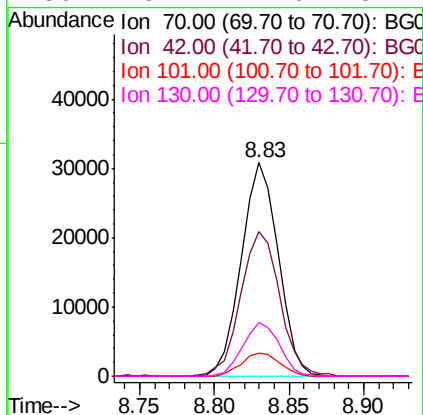
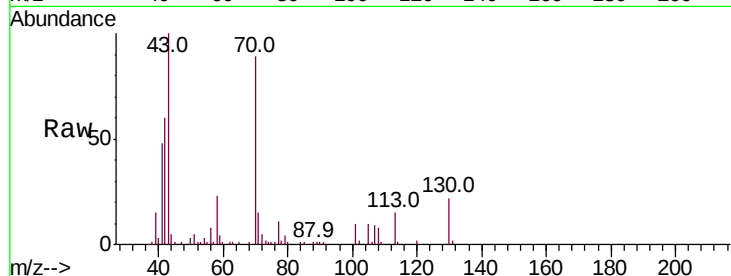




#19
n-Nitroso-di-n-propylamine
Concen: 41.160 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

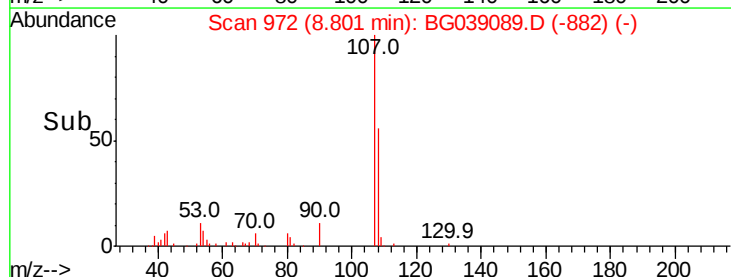
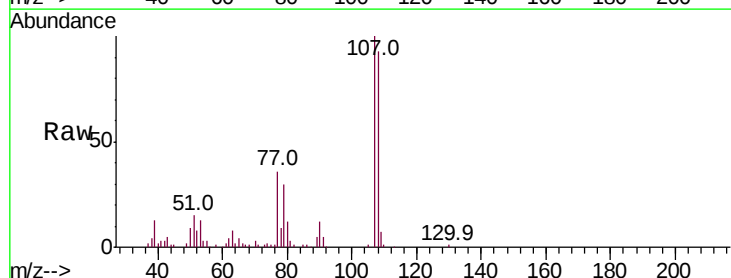
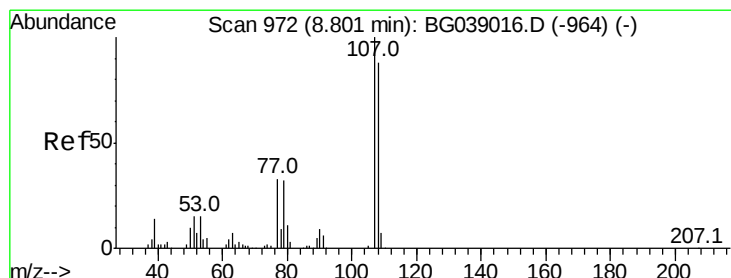
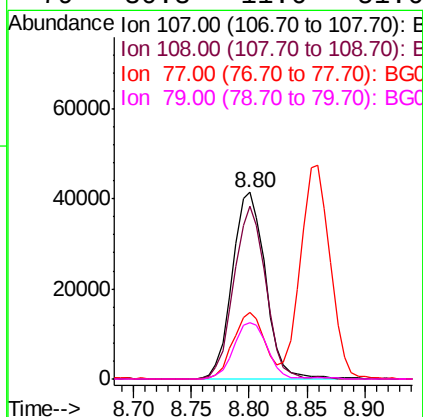
Instrument :
BNA_G
ClientSampleId :

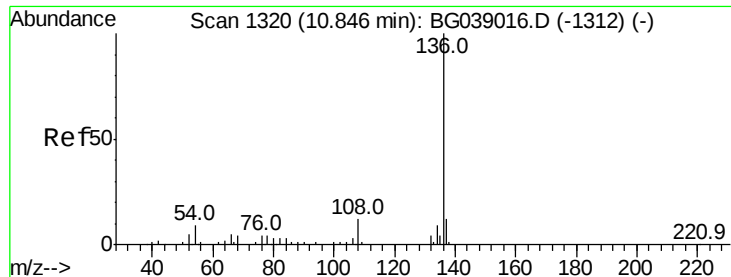
Tot Ion:	70	Resp:	52809
Ion	Ratio	Lower	Upper
70	100		
42	67.5	59.0	88.4
101	11.0	10.4	15.6
130	25.2	21.6	32.4



#20
3+4-Methylphenols
Concen: 42.413 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:	107	Resp:	82249
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.4	108.4
77	35.9	13.3	53.3
79	30.3	11.6	51.6

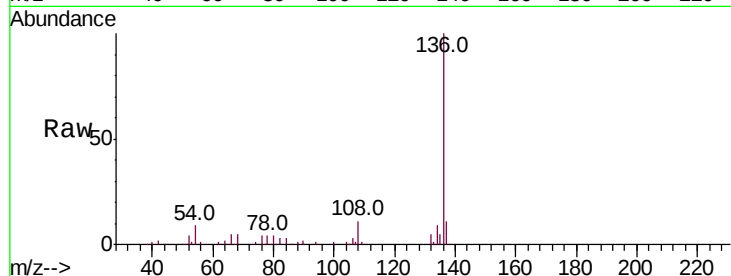




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	99549	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.4	14.2	
54 8.8	7.2	10.8	
68 4.9	3.5	5.3	



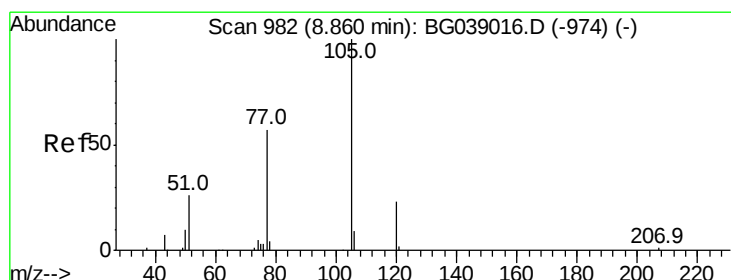
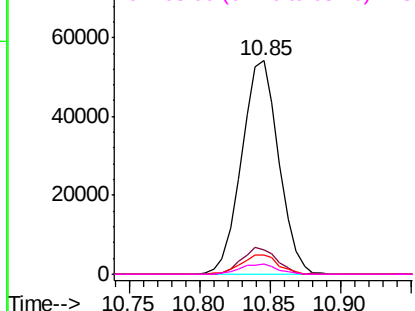
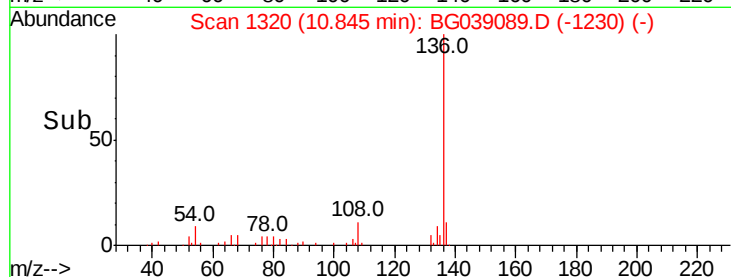
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

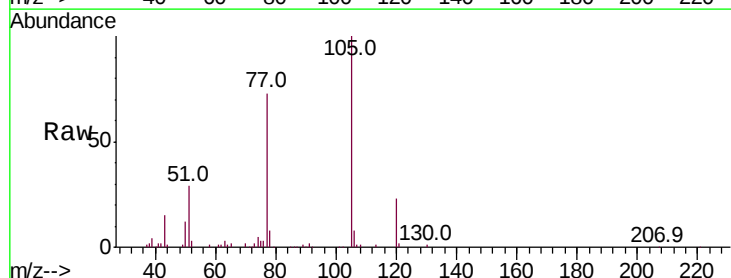
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.829 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt	Ion:105	Resp:	113943
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	28.8	26.6	39.8
120	22.9	17.9	26.9



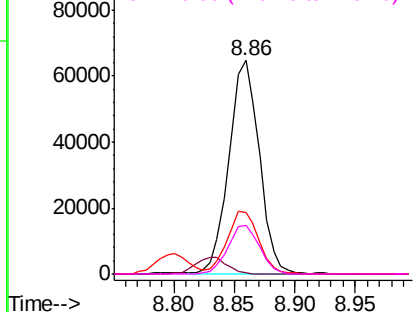
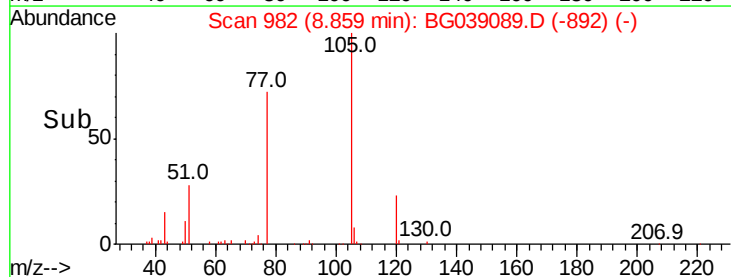
Abundance

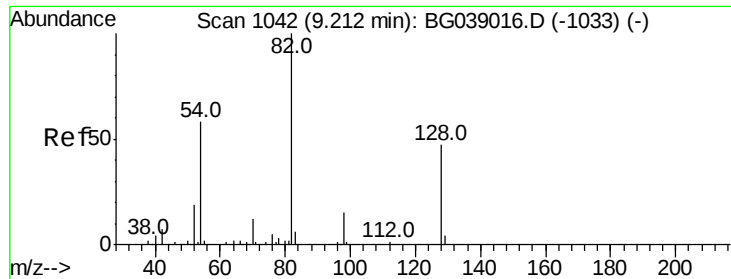
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

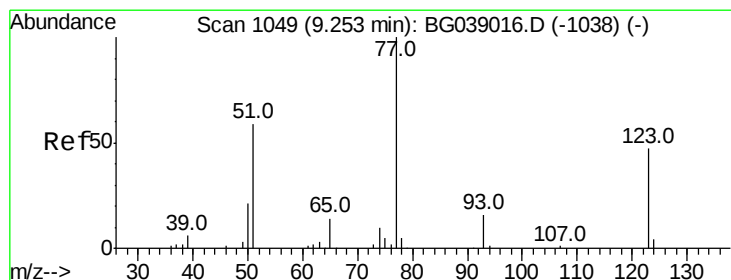
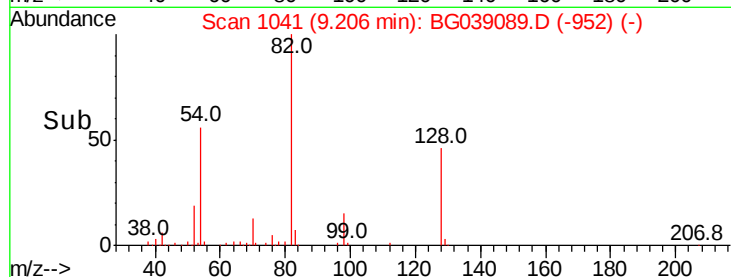
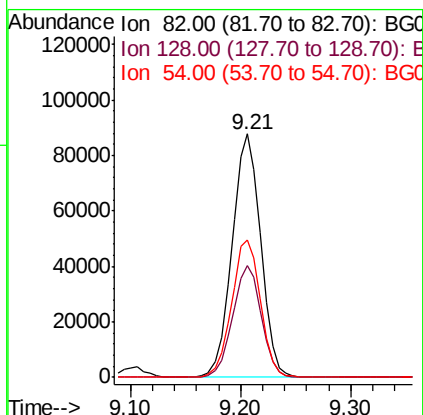
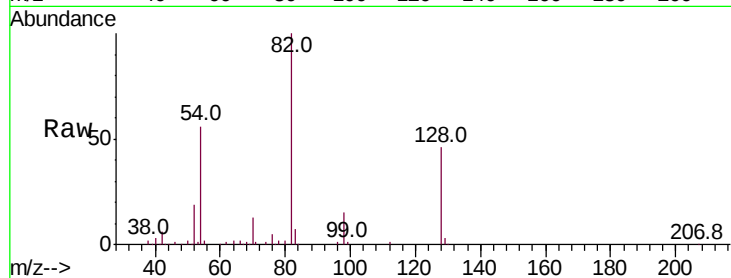




#23
Nitrobenzene-d5
Concen: 87.567 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

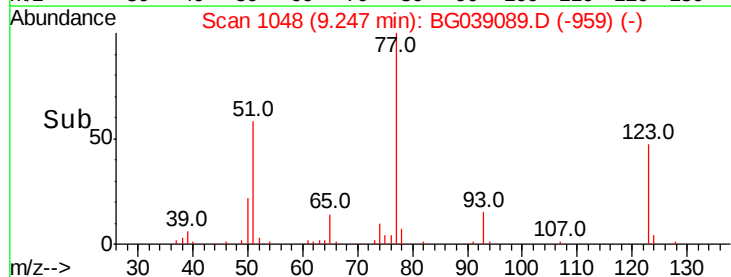
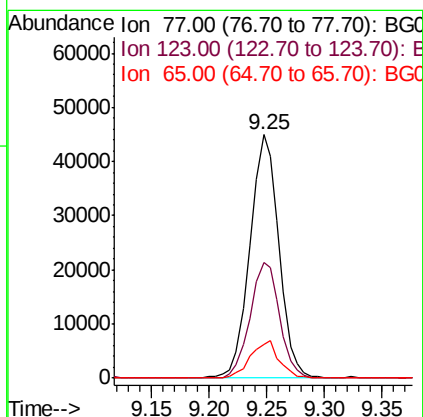
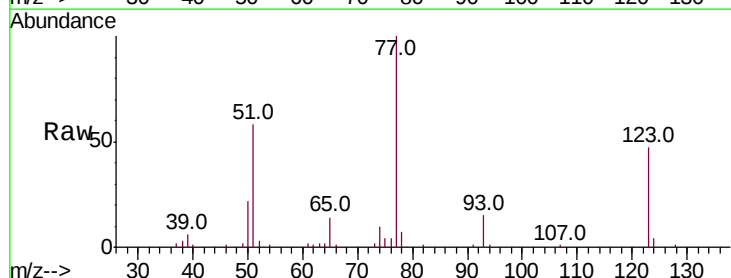
Instrument :
BNA_G
ClientSampled :

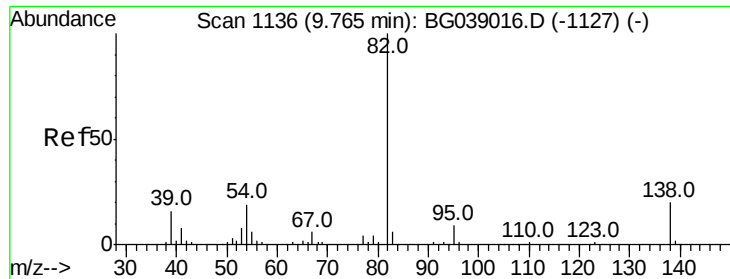
Tot Ion: 82 Resp: 159307
Ion Ratio Lower Upper
82 100
128 45.9 37.3 55.9
54 56.4 46.4 69.6



#24
Nitrobenzene
Concen: 42.773 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 77 Resp: 78653
Ion Ratio Lower Upper
77 100
123 47.3 37.6 56.4
65 13.8 11.0 16.6





#25

Isophorone

Concen: 42.427 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

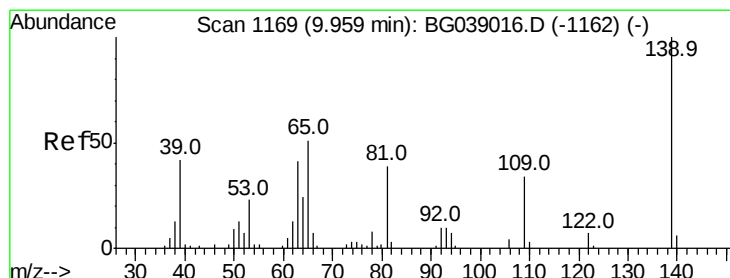
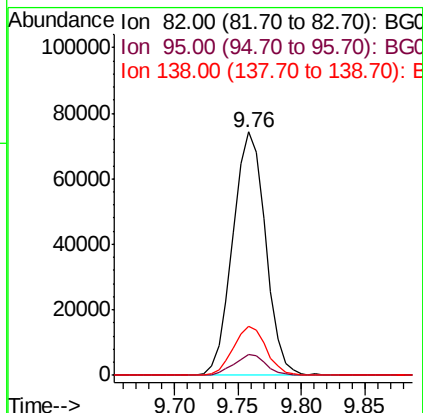
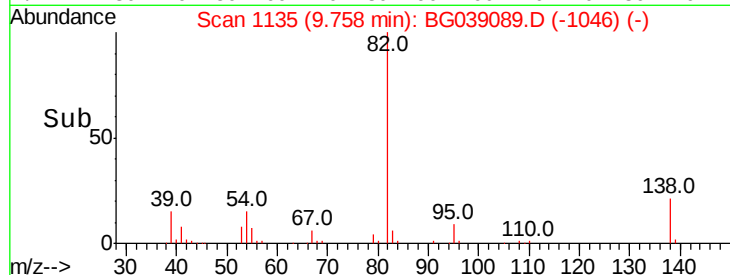
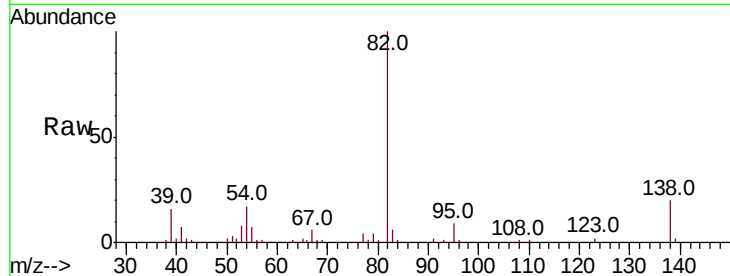
Tot Ion: 82 Resp: 132955

Ion Ratio Lower Upper

82 100

95 8.6 7.0 10.6

138 20.4 16.2 24.4



#26

2-Nitrophenol

Concen: 43.977 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

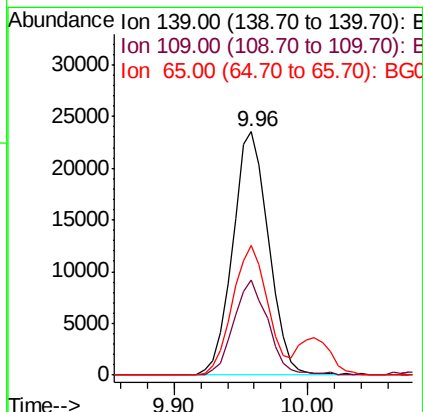
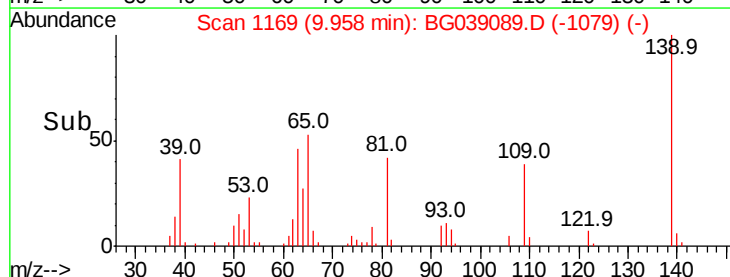
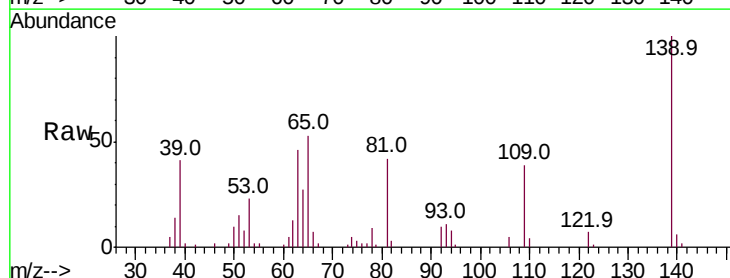
Tgt Ion: 139 Resp: 43741

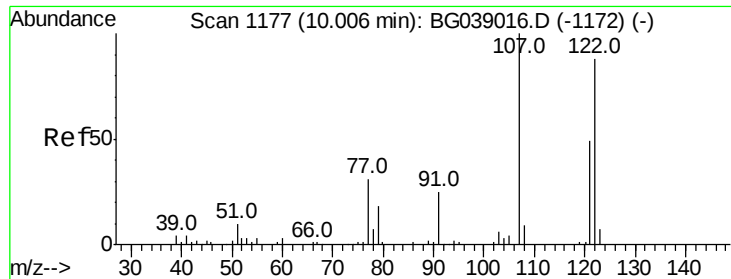
Ion Ratio Lower Upper

139 100

109 38.8 27.3 40.9

65 53.2 40.6 61.0

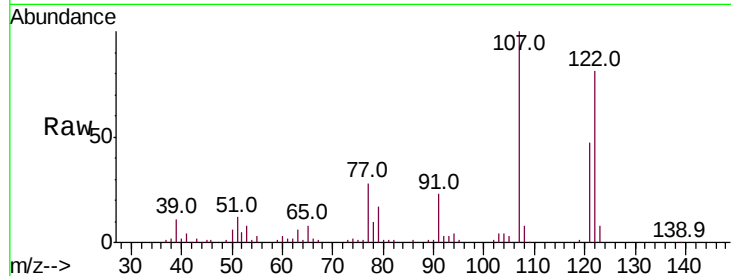




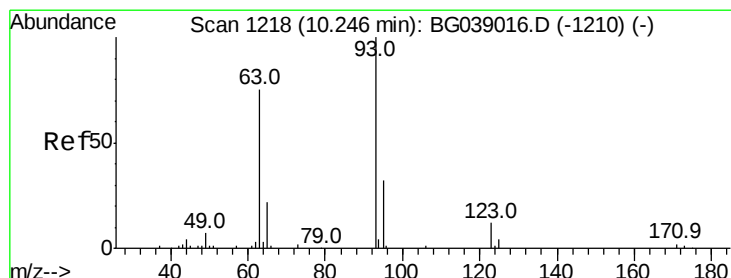
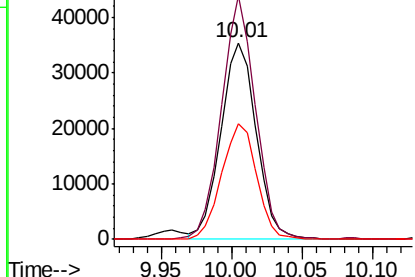
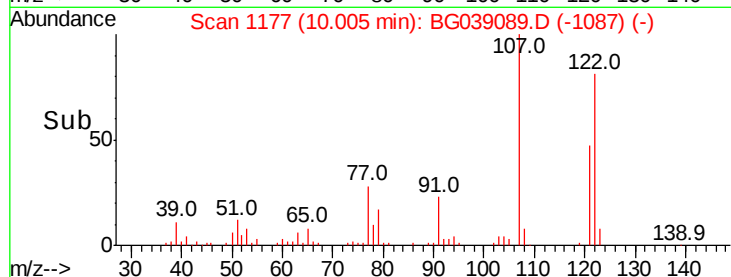
#27
 2,4-Dimethylphenol
 Concen: 44.313 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 62008
 Ion Ratio Lower Upper
 122 100
 107 123.9 88.8 133.2
 121 58.7 43.1 64.7

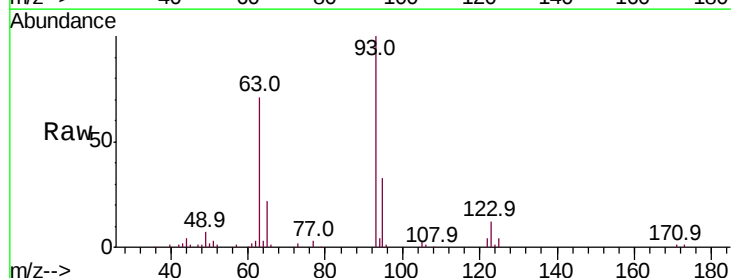


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

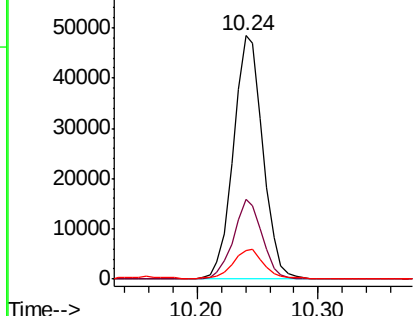
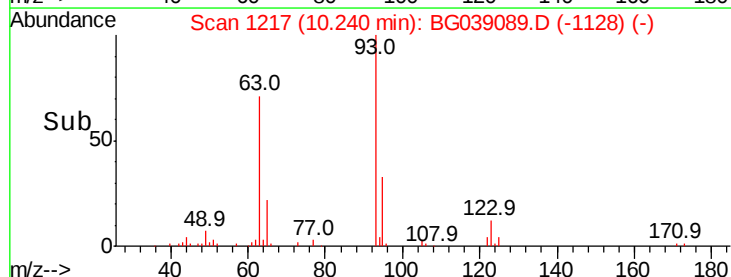


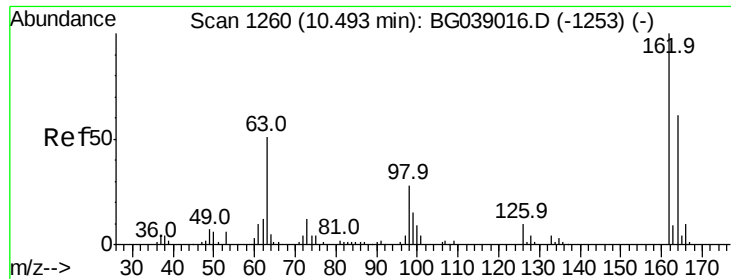
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.614 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion: 93 Resp: 82142
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 11.9 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

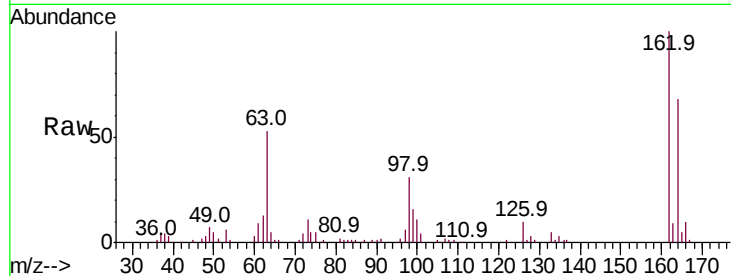




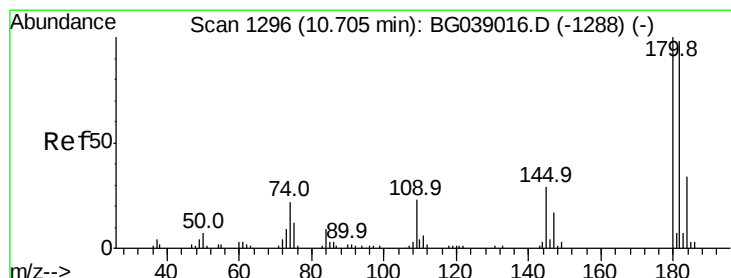
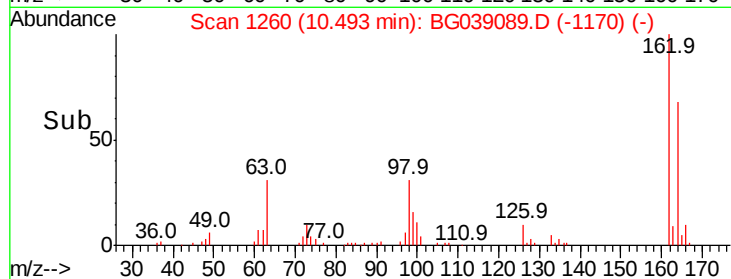
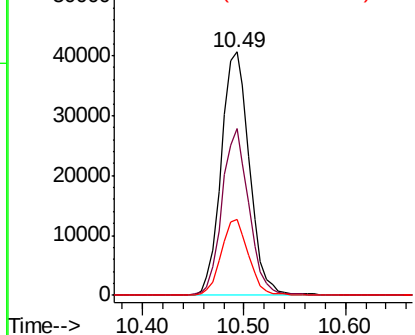
#29
 2,4-Dichlorophenol
 Concen: 45.136 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	41.3	81.3
98	31.3	8.3	48.3

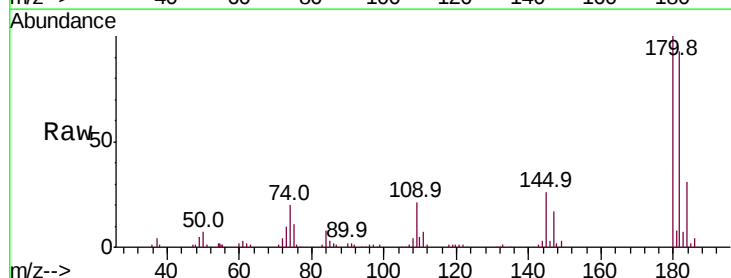


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

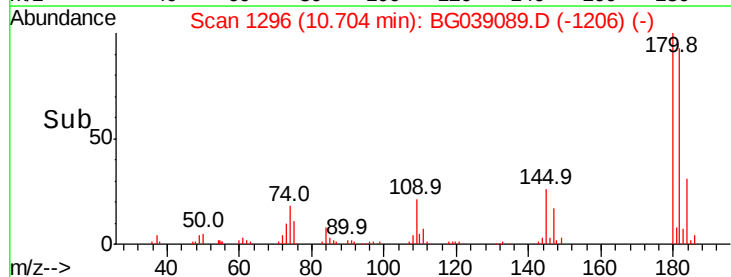
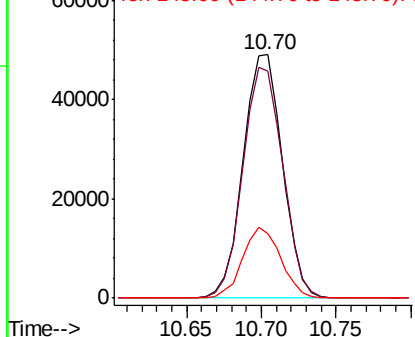


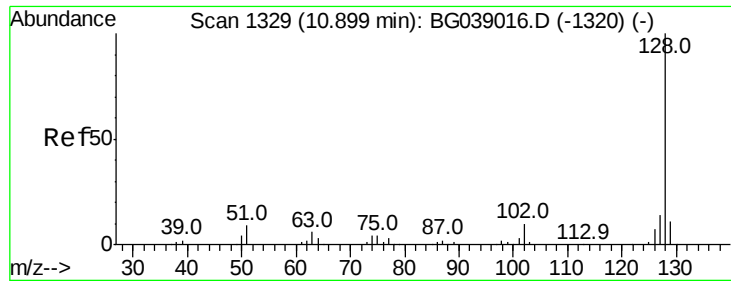
#30
 1,2,4-Trichlorobenzene
 Concen: 42.945 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.1	117.1
145	26.3	23.1	34.7



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

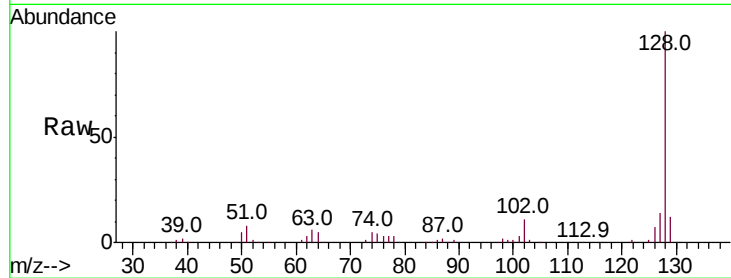




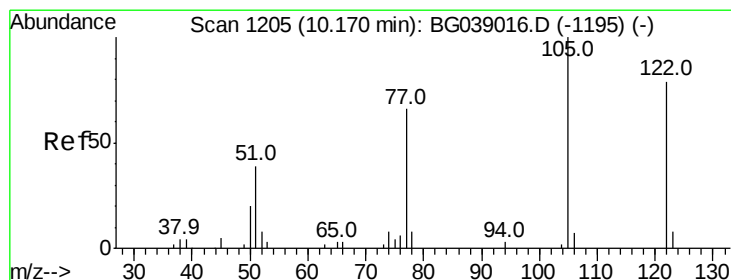
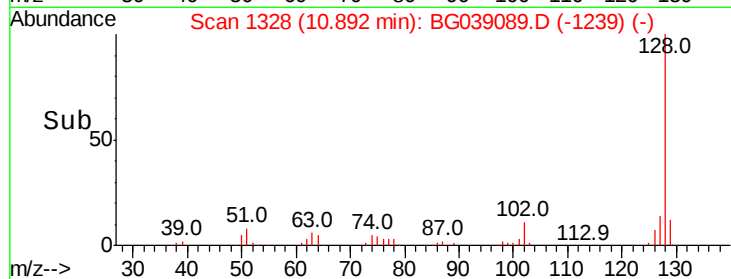
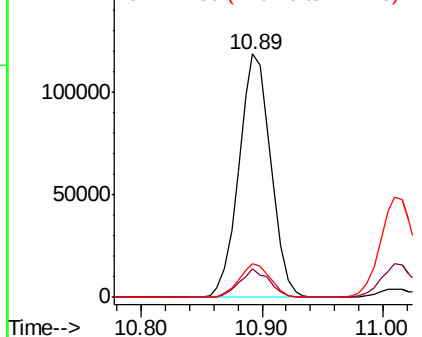
#31
Naphthalene
Concen: 43.642 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 217895
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 11.2 16.8

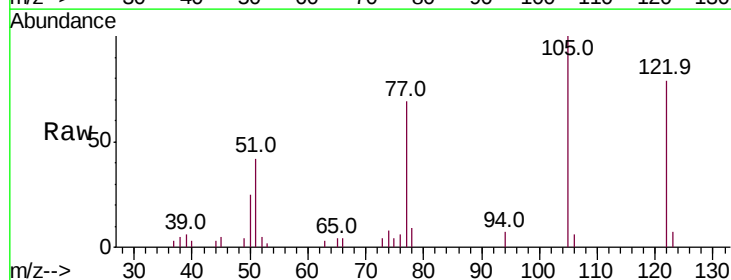


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

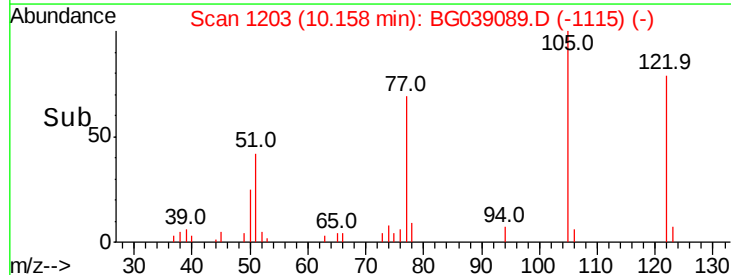
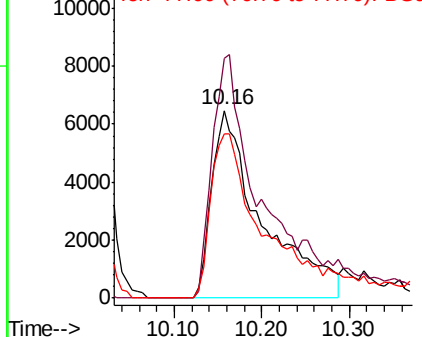


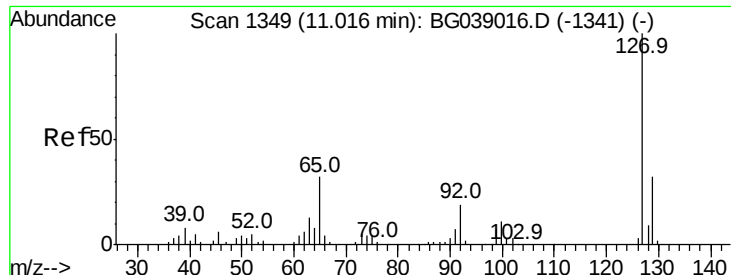
#32
Benzoic acid
Concen: 33.392 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:122 Resp: 25657
Ion Ratio Lower Upper
122 100
105 127.3 106.4 146.4
77 87.2 63.6 103.6



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): BGO

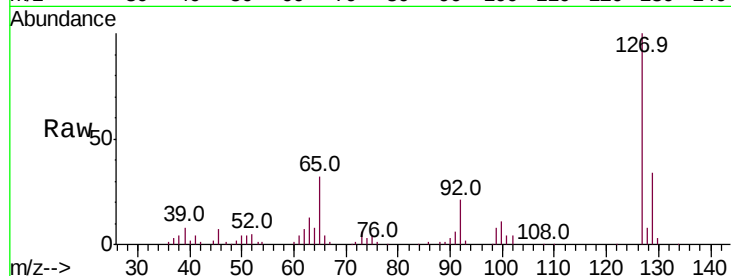




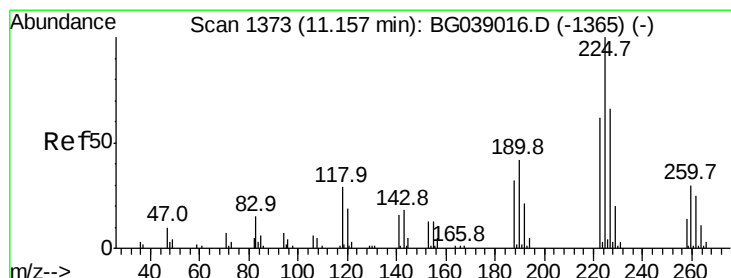
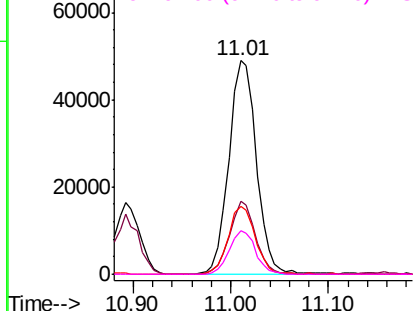
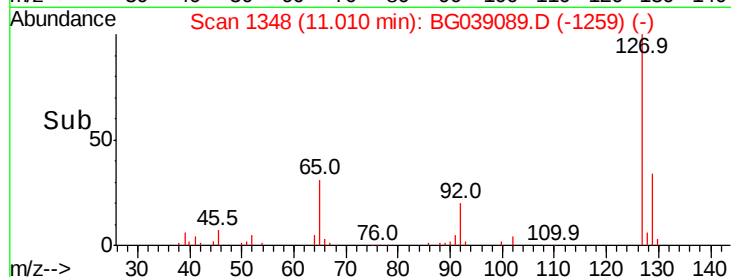
#33
4-Chloroaniline
Concen: 43.154 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	96410
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.4	38.0
65	31.7	25.4	38.0
92	20.5	15.2	22.8

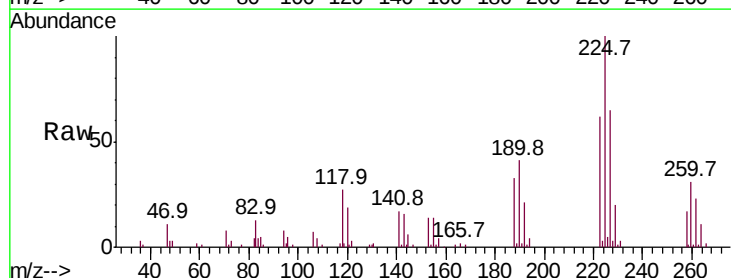


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

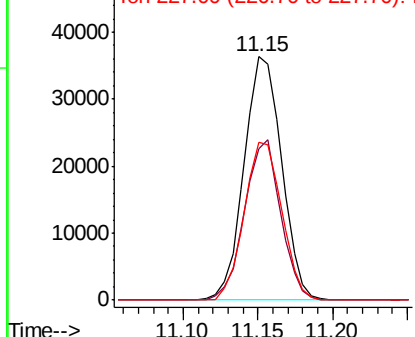
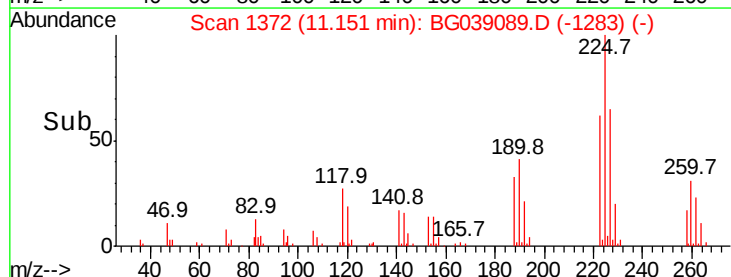


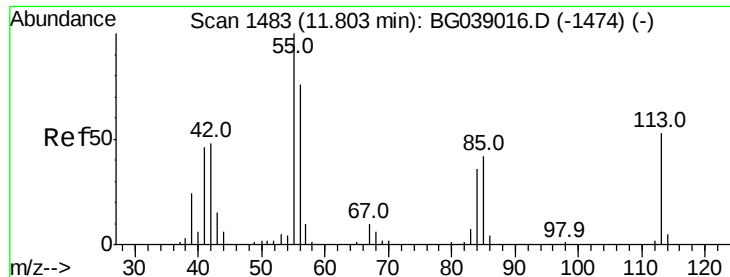
#34
Hexachlorobutadiene
Concen: 44.090 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:	225	Resp:	63368
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	64.2	53.2	79.8



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: 40.595 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

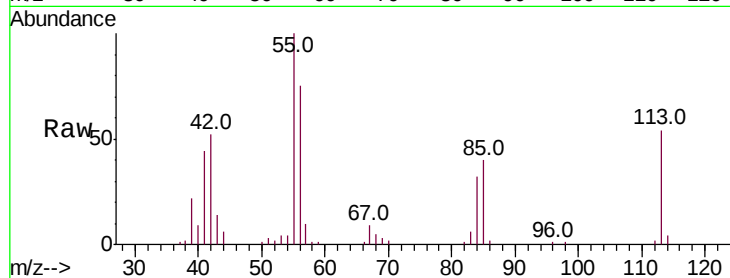
Tot Ion:113 Resp: 28299

Ion Ratio Lower Upper

113 100

55 184.2 168.6 208.6

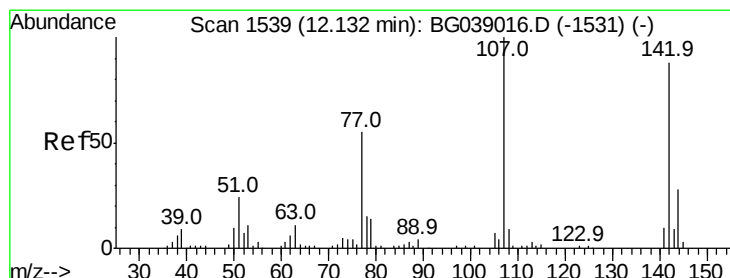
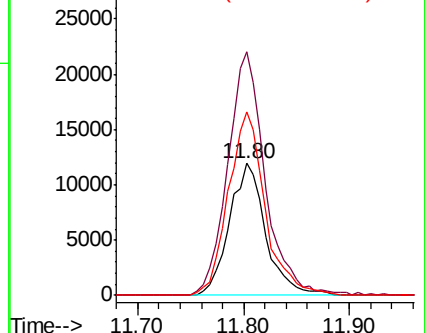
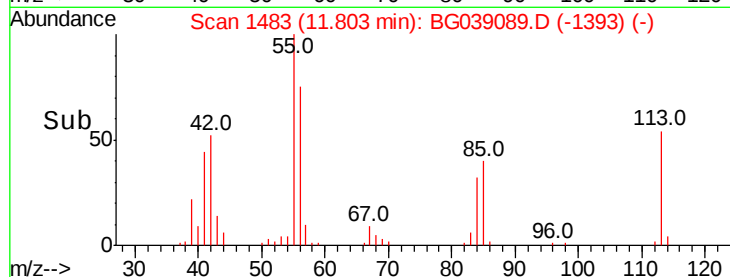
56 138.9 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.586 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

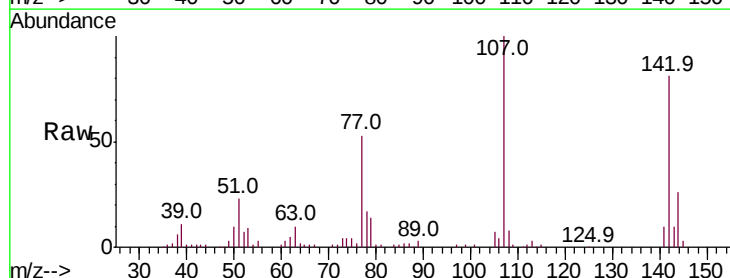
Tgt Ion:107 Resp: 79182

Ion Ratio Lower Upper

107 100

144 26.5 22.6 34.0

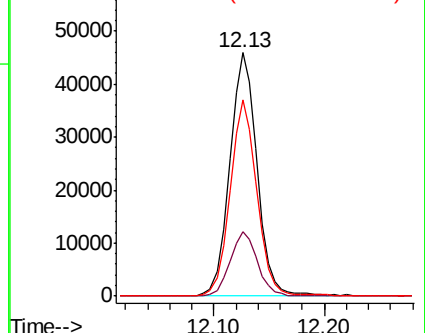
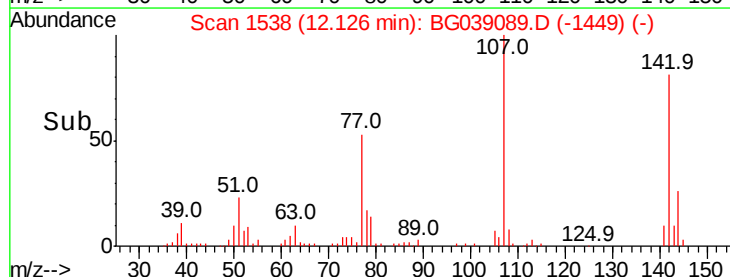
142 80.5 70.2 105.4

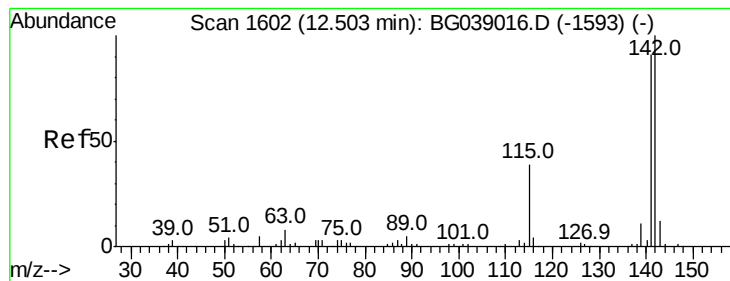


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.187 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

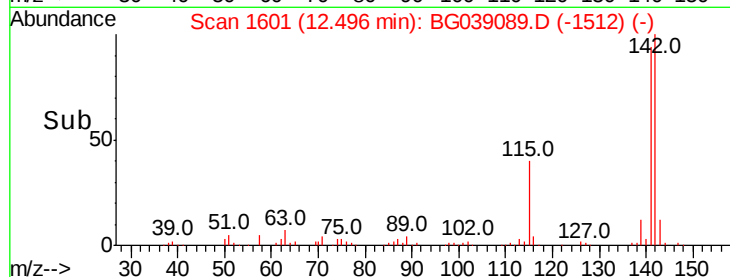
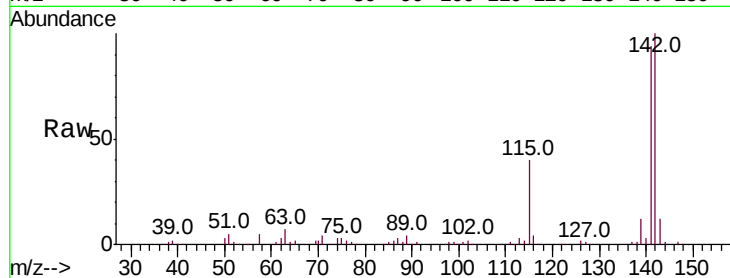
Tot Ion:142 Resp: 157919

Ion Ratio Lower Upper

142 100

141 94.4 72.6 109.0

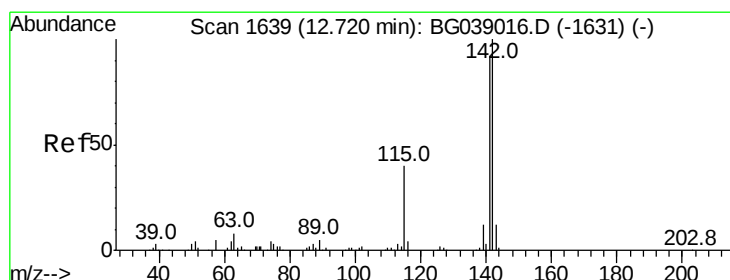
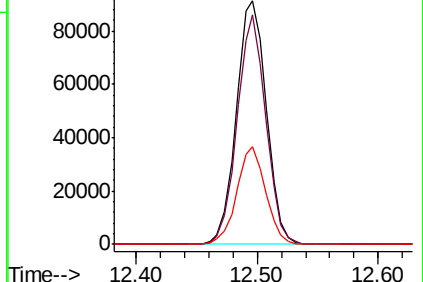
115 40.0 31.1 46.7



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: 41.965 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

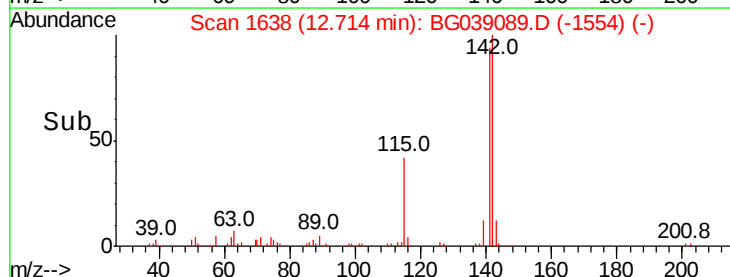
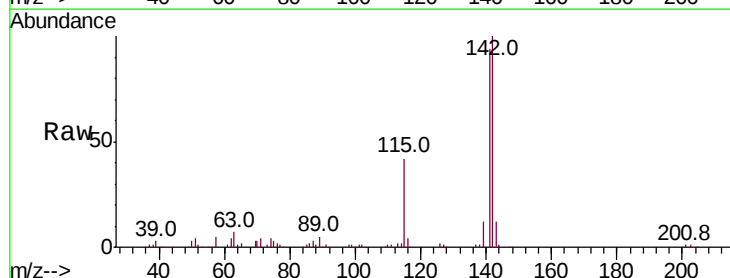
Tgt Ion:142 Resp: 150780

Ion Ratio Lower Upper

142 100

141 94.3 73.3 109.9

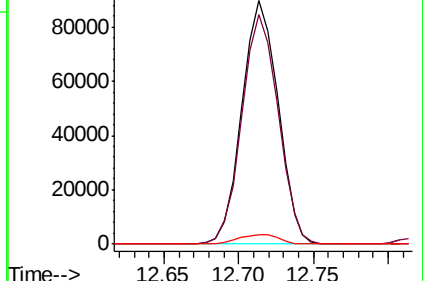
116 4.0 3.1 4.7

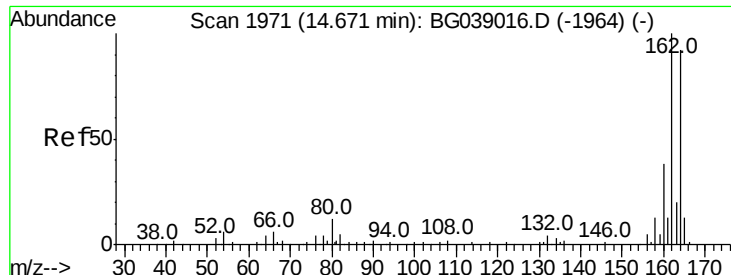


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

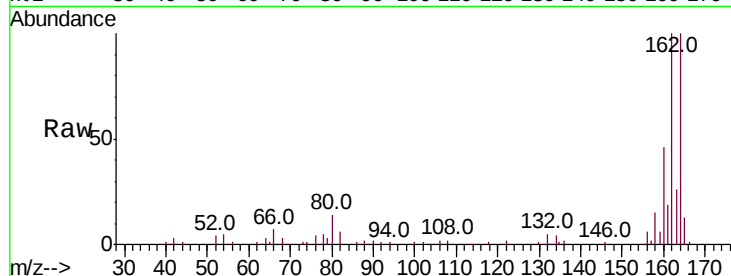
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 66673

Ion	Ratio	Lower	Upper
164	100		
162	99.7	87.2	130.8
160	45.8	33.3	49.9

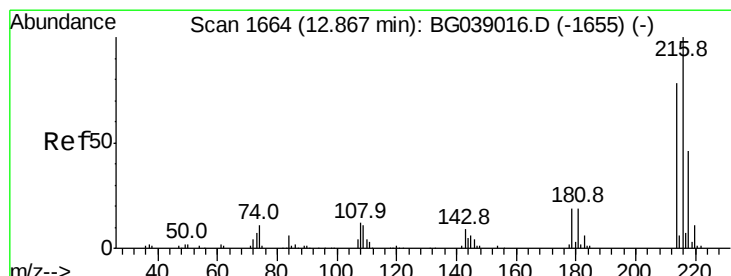
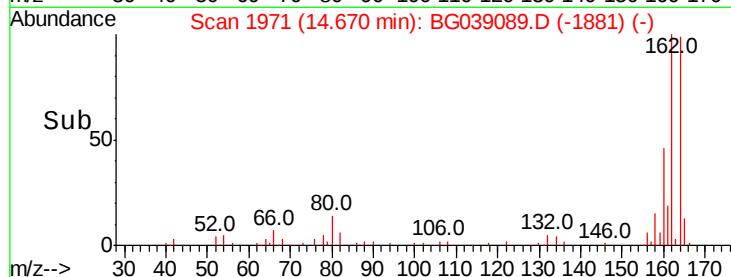
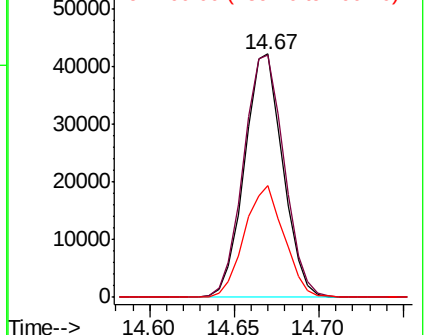


Abundance

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: 45.932 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Tgt Ion:216 Resp: 115011

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	20.1	15.5	23.3
108	13.7	11.4	17.2

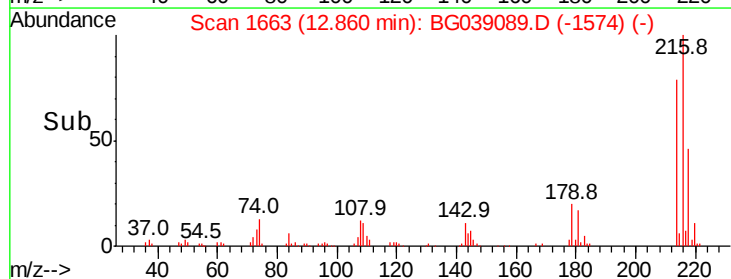
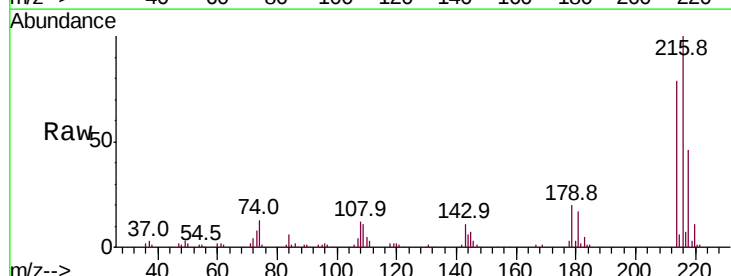
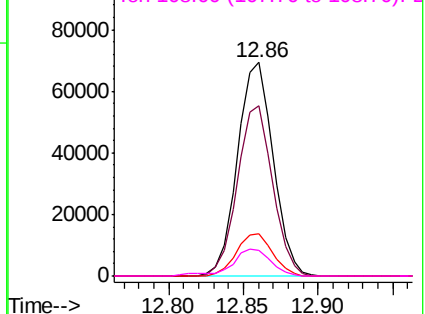
Abundance

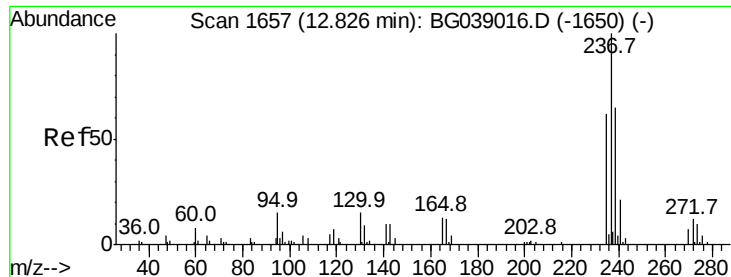
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.867 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

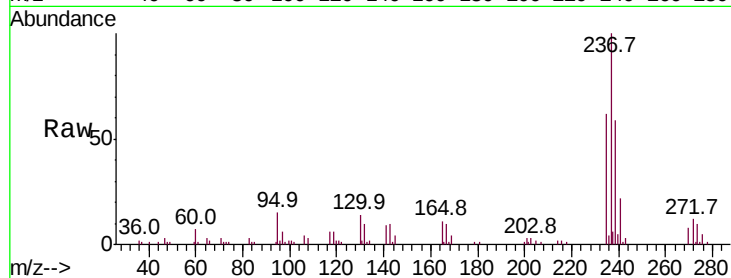
Tot Ion:237 Resp: 51852

Ion Ratio Lower Upper

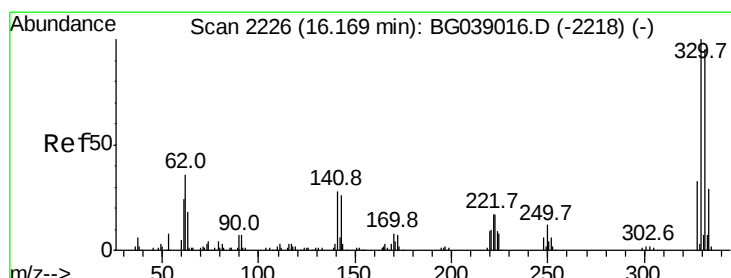
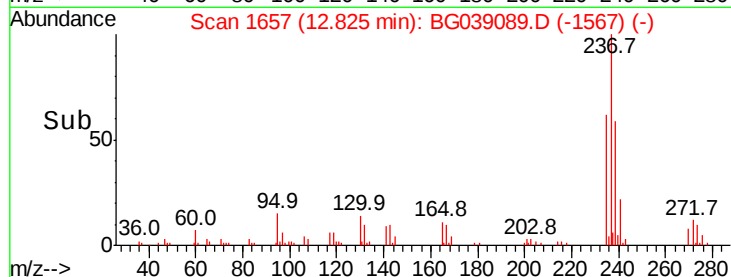
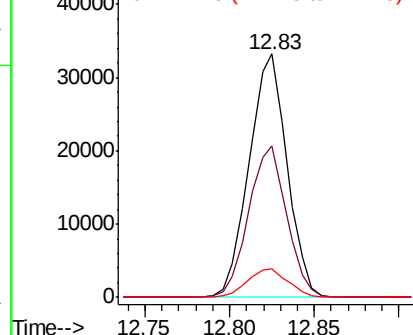
237 100

235 62.3 41.7 81.7

272 12.0 0.0 32.1



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: 84.561 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

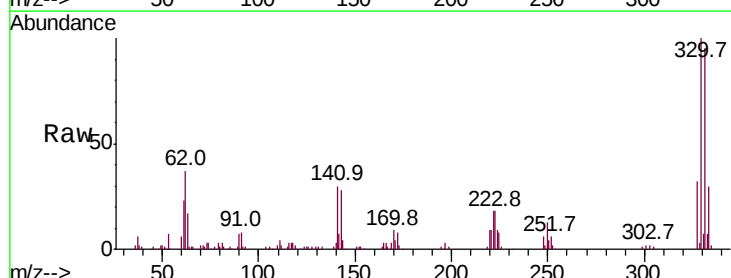
Tgt Ion:330 Resp: 94507

Ion Ratio Lower Upper

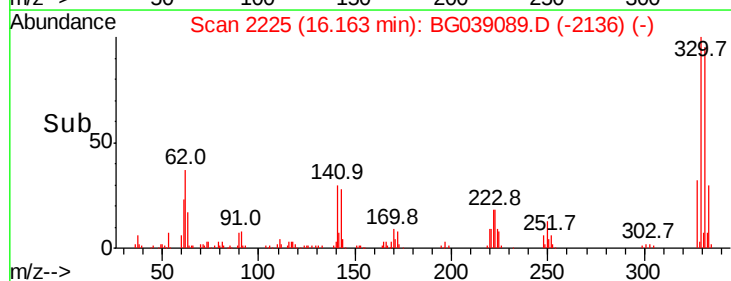
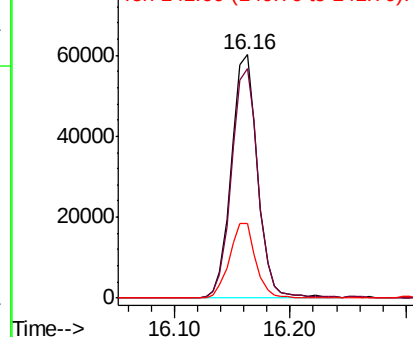
330 100

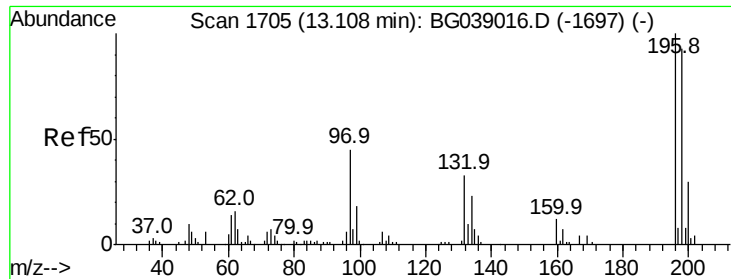
332 95.7 75.7 113.5

141 30.7 24.9 37.3



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

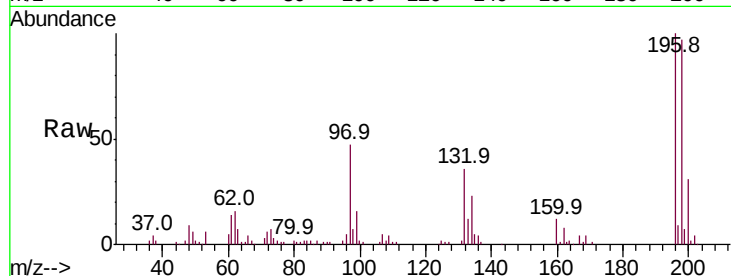




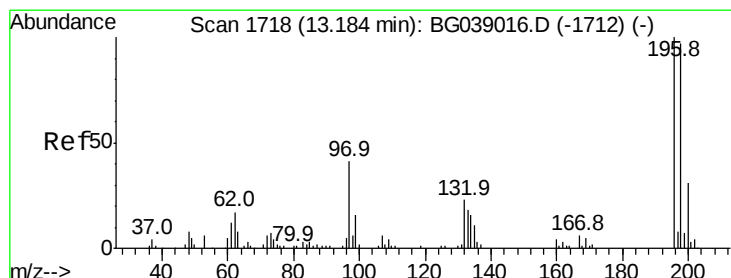
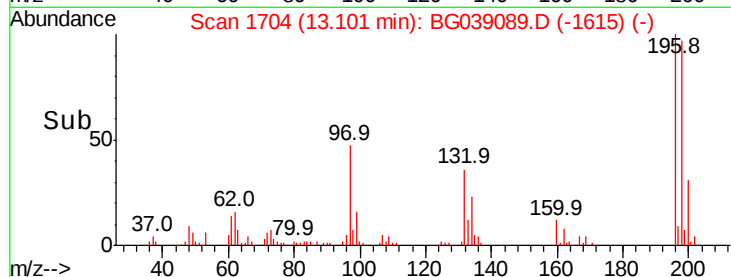
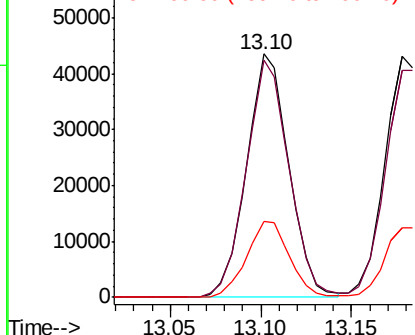
#43
 2,4,6-Trichlorophenol
 Concen: 44.770 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 70555
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.5 111.7
 200 31.0 23.8 35.6



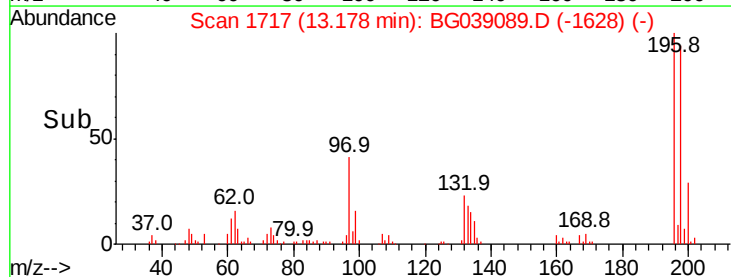
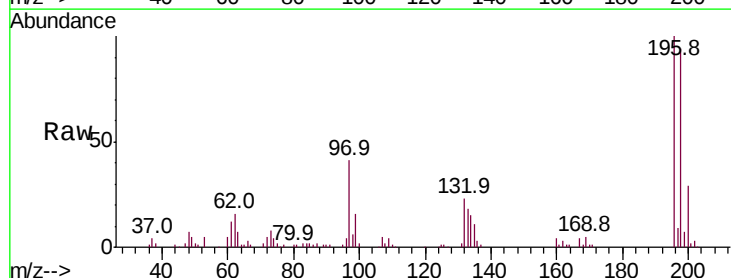
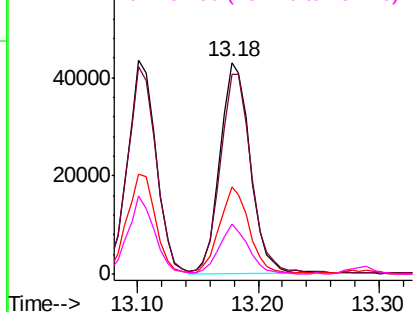
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

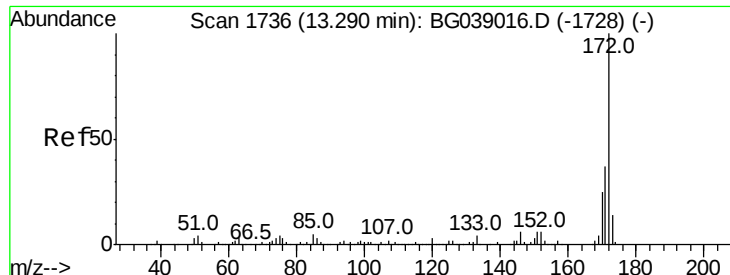


#44
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion:196 Resp: 74419
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.1 117.1
 97 41.0 33.2 49.8
 132 23.3 18.2 27.4

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

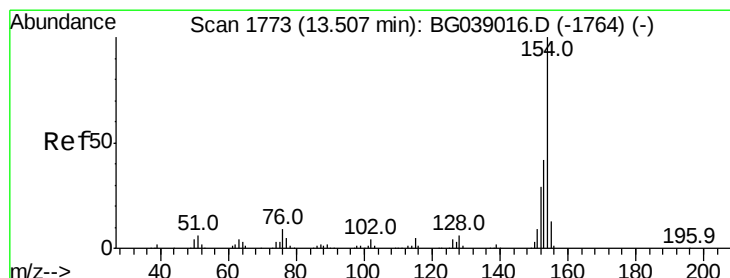
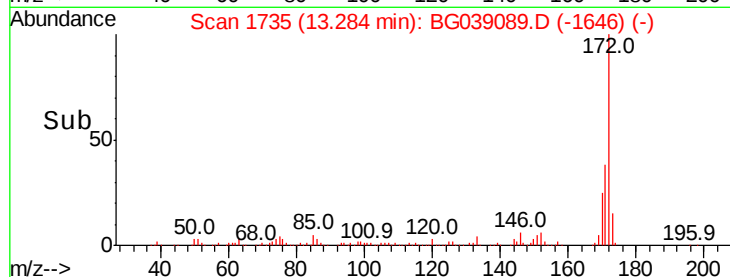
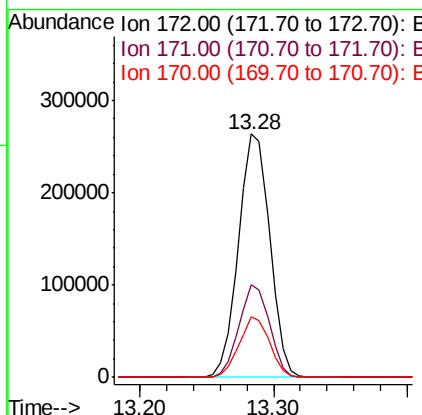
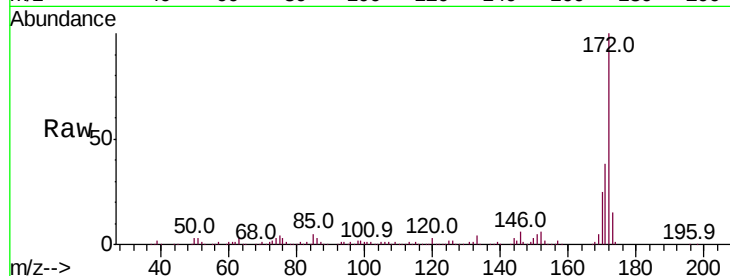




#45
2-Fluorobiphenyl
Concen: 87.700 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

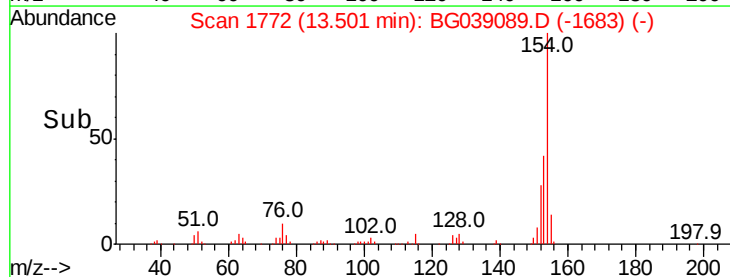
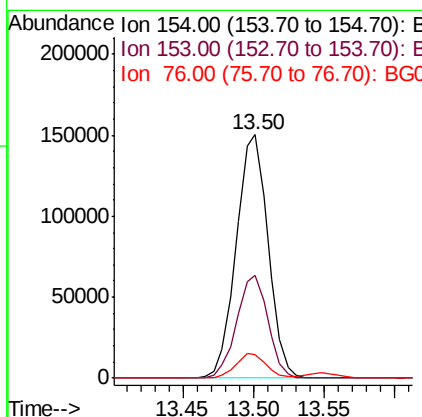
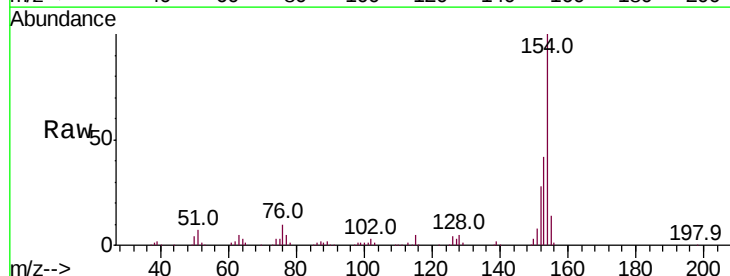
Instrument :
BNA_G
ClientSampleId :

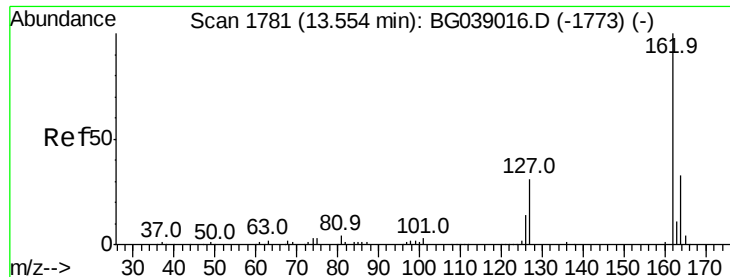
Tot Ion:172 Resp: 427250
Ion Ratio Lower Upper
172 100
171 38.0 29.4 44.0
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 44.667 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:154 Resp: 235976
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 9.6 0.0 29.4





#47

2-Chloronaphthalene

Concen: 44.438 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

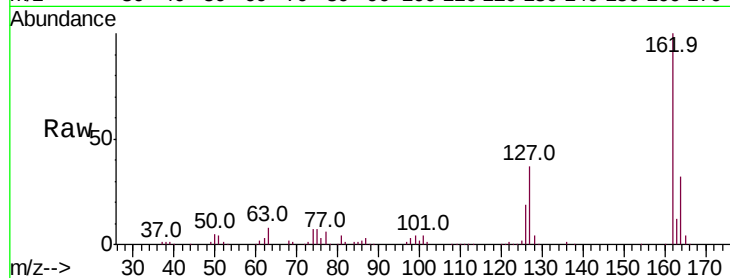
Tot Ion:162 Resp: 189981

Ion Ratio Lower Upper

162 100

127 37.4 28.4 42.6

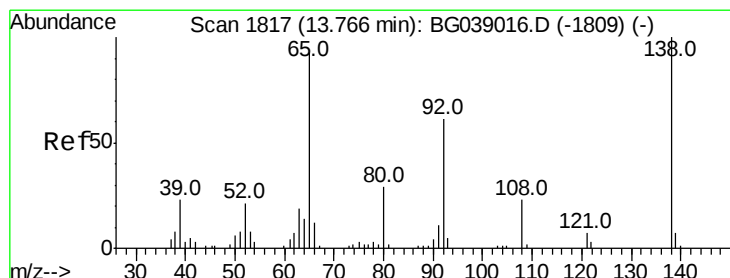
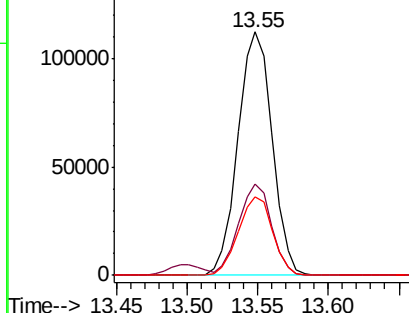
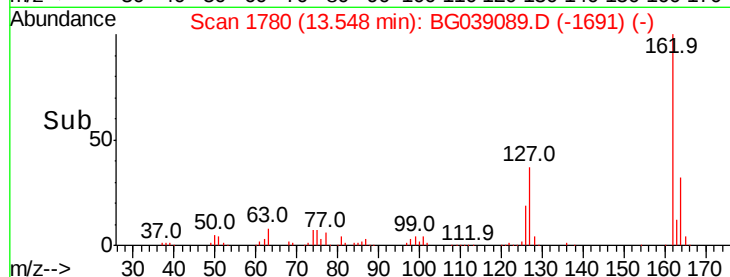
164 32.4 26.3 39.5



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: 44.231 ng

RT: 13.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

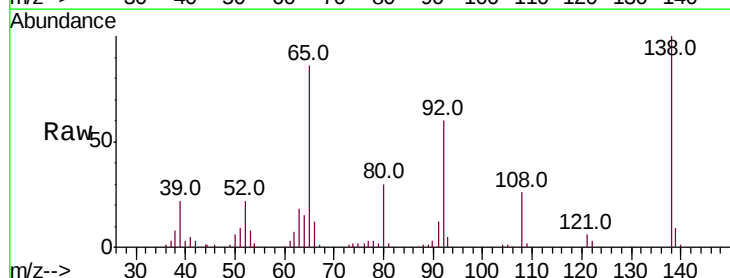
Tgt Ion: 65 Resp: 52975

Ion Ratio Lower Upper

65 100

92 70.5 52.2 78.4

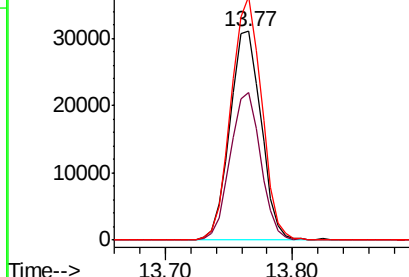
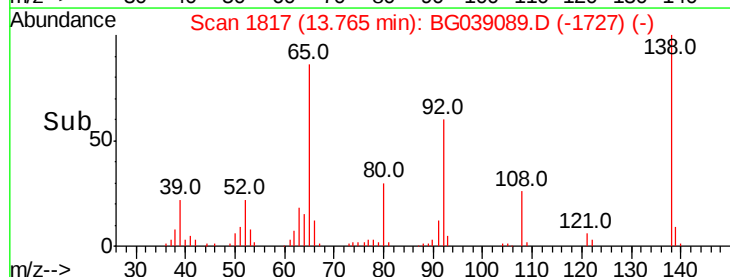
138 116.7 86.0 129.0

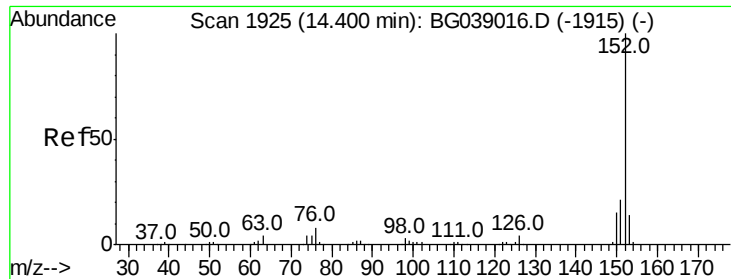


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.625 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

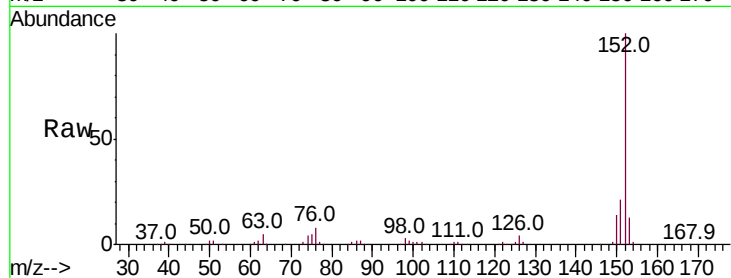
Tot Ion:152 Resp: 280330

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

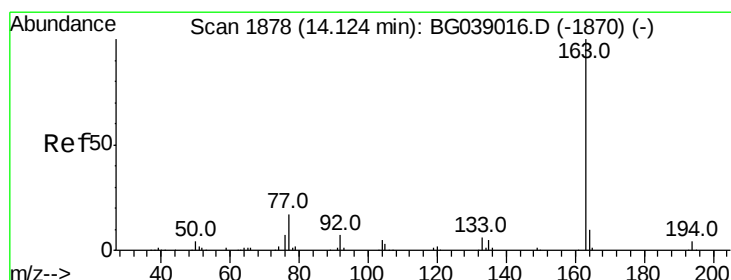
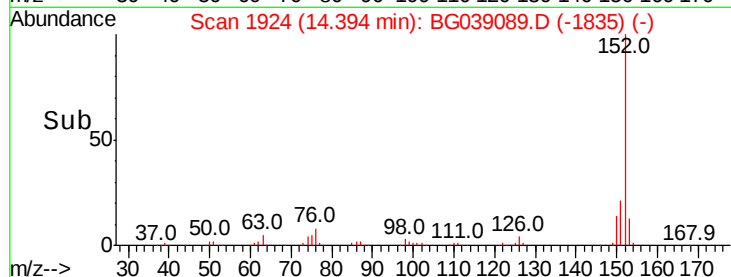
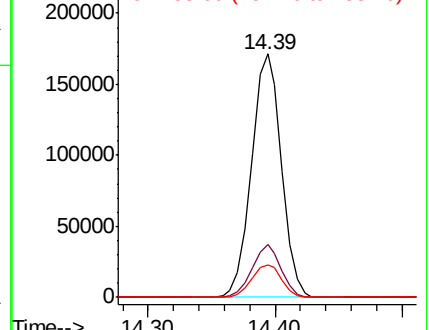
153 13.1 11.2 16.8



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: 42.107 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

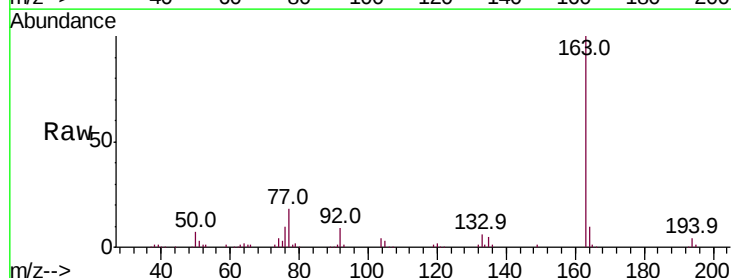
Tgt Ion:163 Resp: 237240

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

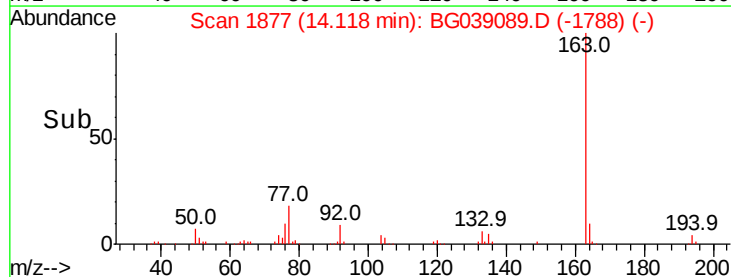
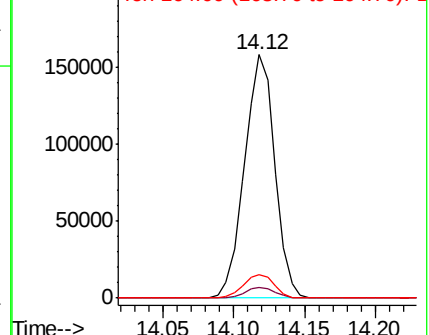
164 9.7 8.2 12.2

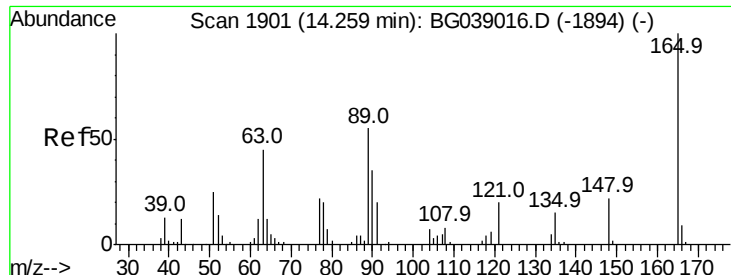


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

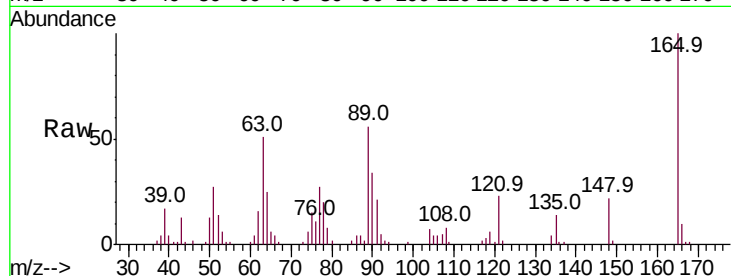




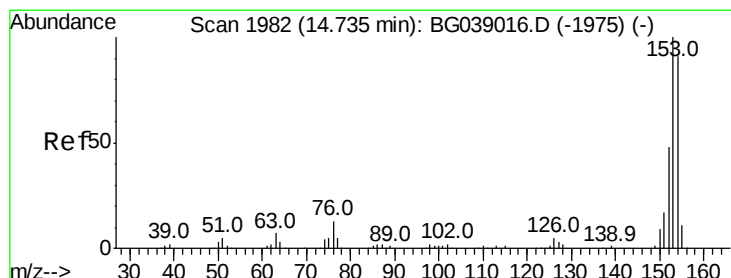
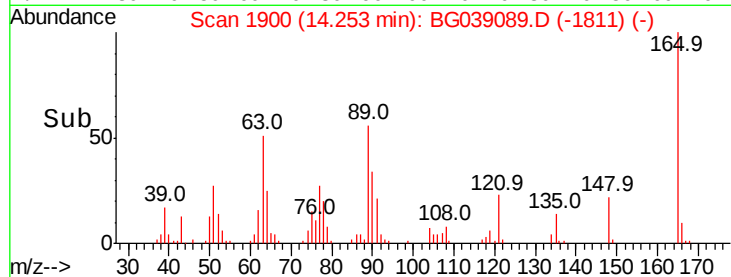
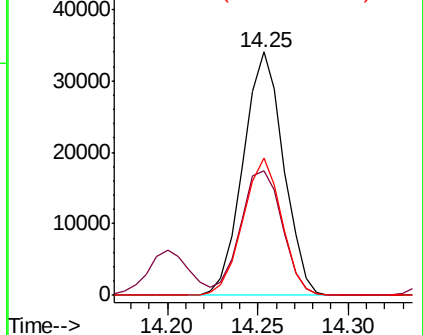
#51
 2,6-Dinitrotoluene
 Concen: 41.740 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 52578
 Ion Ratio Lower Upper
 165 100
 63 51.3 43.6 65.4
 89 56.4 43.7 65.5

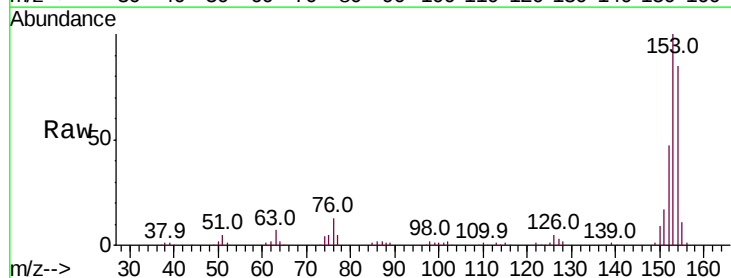


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

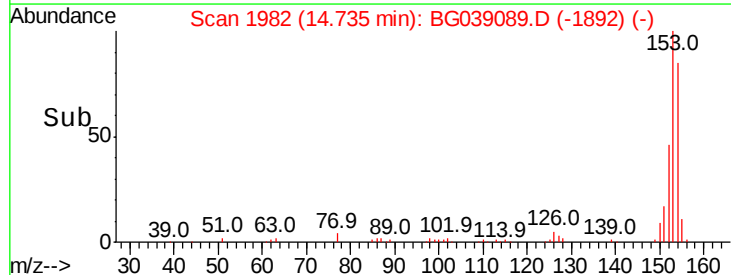
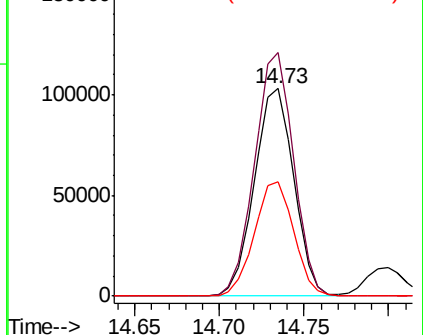


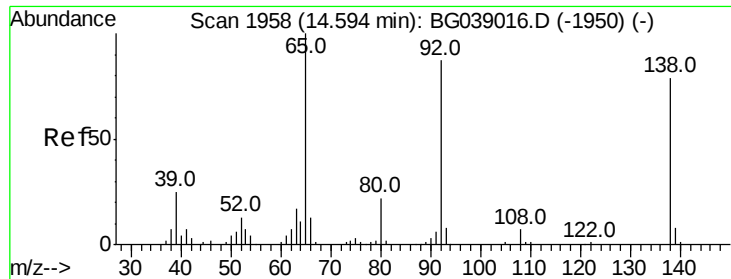
#52
 Acenaphthene
 Concen: 43.283 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion:154 Resp: 167106
 Ion Ratio Lower Upper
 154 100
 153 117.5 87.9 131.9
 152 55.2 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.104 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

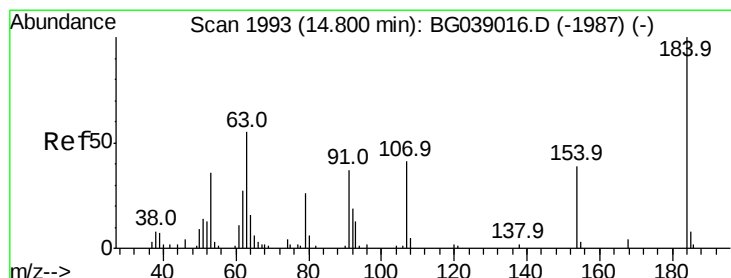
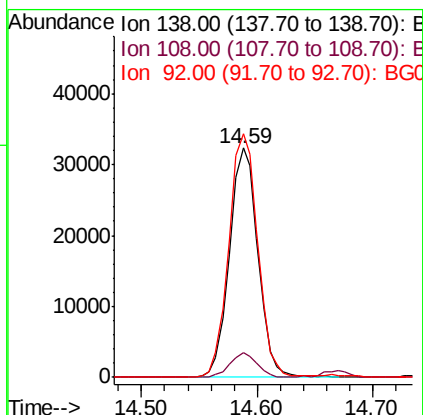
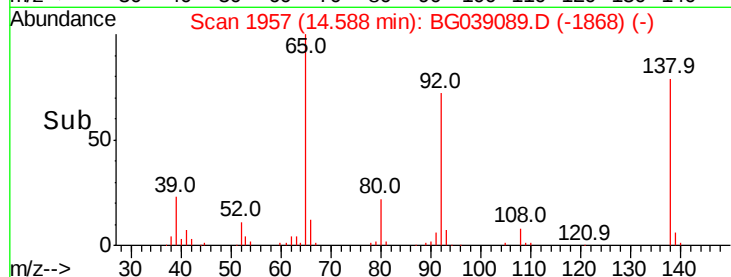
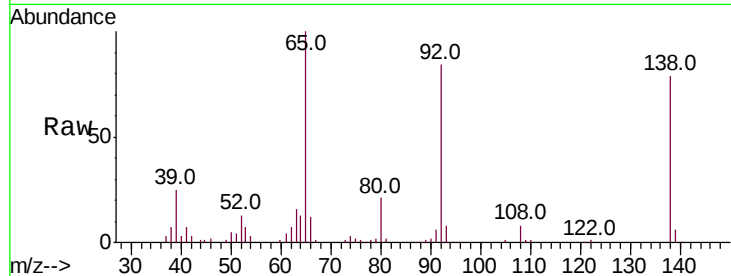
Tot Ion:138 Resp: 55080

Ion Ratio Lower Upper

138 100

108 10.6 7.4 11.0

92 106.2 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 60.043 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

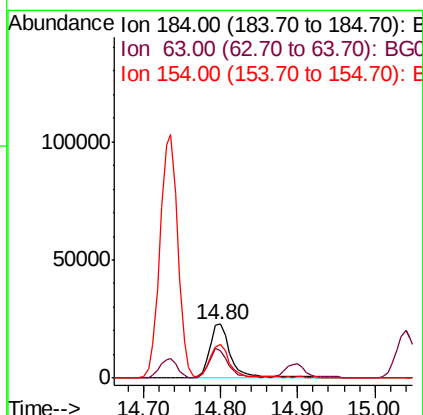
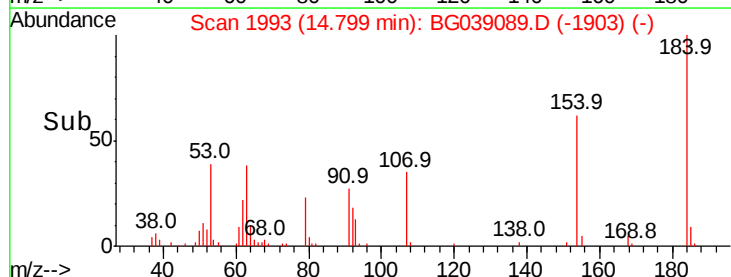
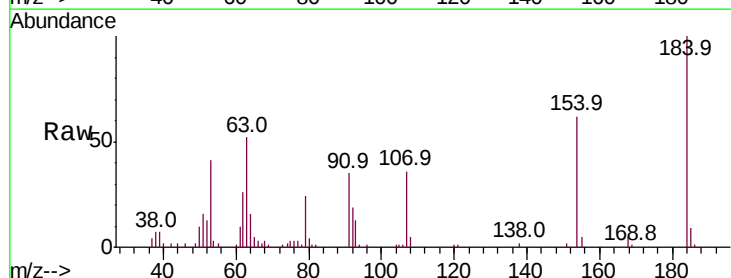
Tgt Ion:184 Resp: 44134

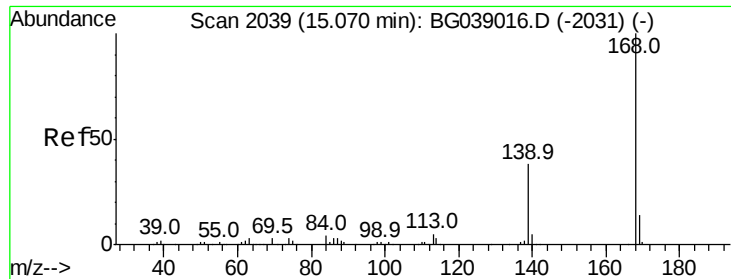
Ion Ratio Lower Upper

184 100

63 52.0 44.0 66.0

154 62.2 46.1 69.1

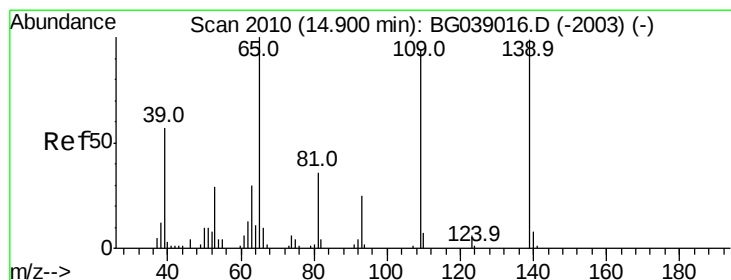
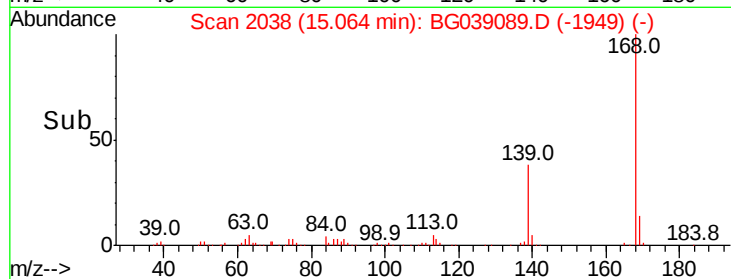
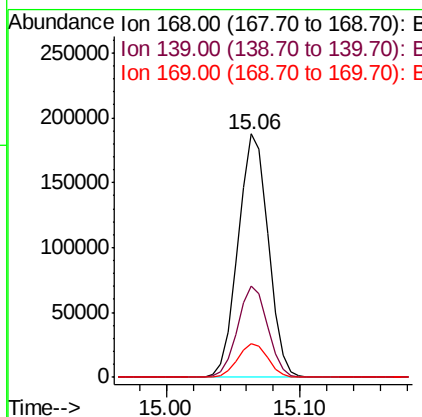
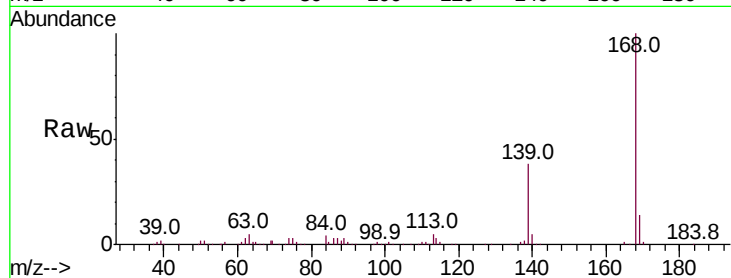




#55
Dibenzenofuran
Concen: 42.841 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

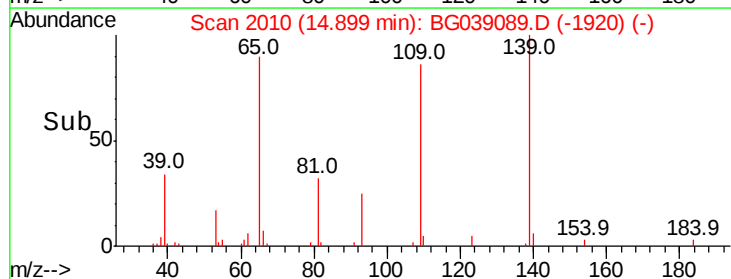
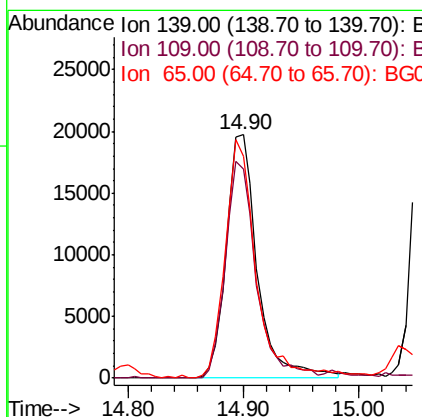
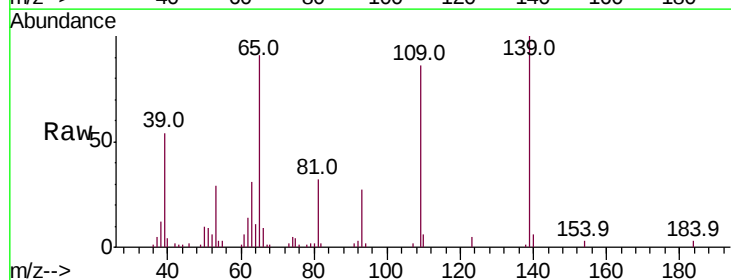
Instrument :
BNA_G
ClientSampled :

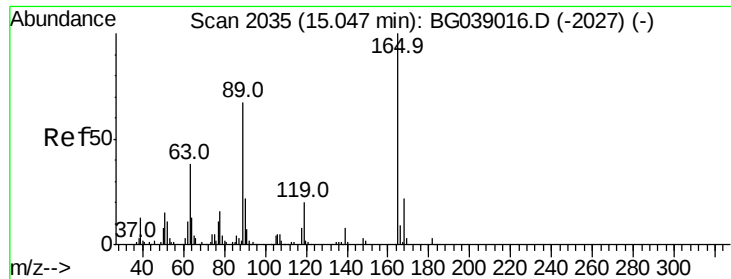
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.8	10.9	16.3



#56
4-Nitrophenol
Concen: 40.136 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.0	75.6	115.6
65	91.3	81.2	121.2

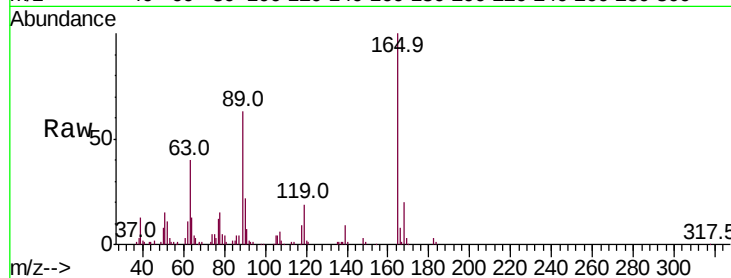




#57
2,4-Dinitrotoluene
Concen: 42.098 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	30.2	45.4
89	62.8	53.2	79.8
182	3.2	2.7	4.1



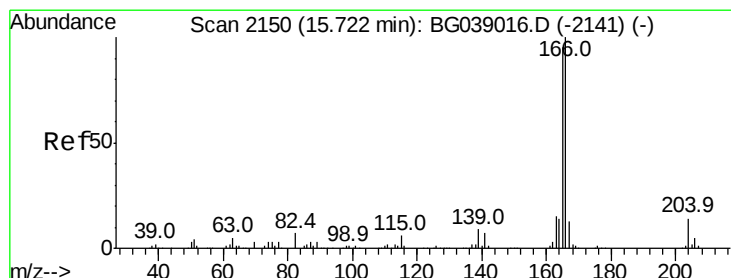
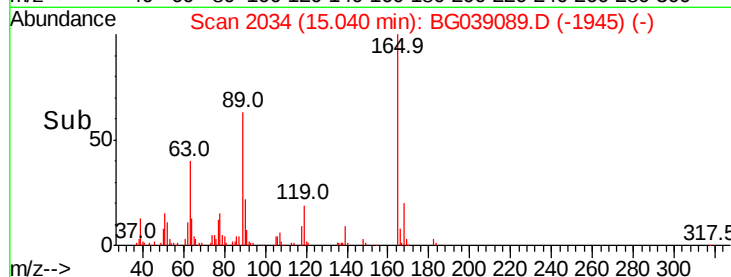
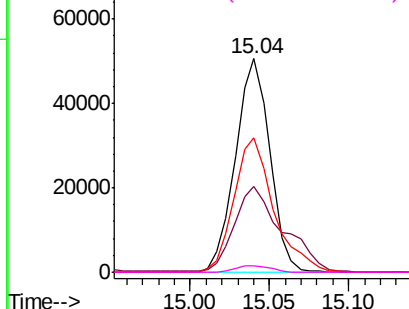
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

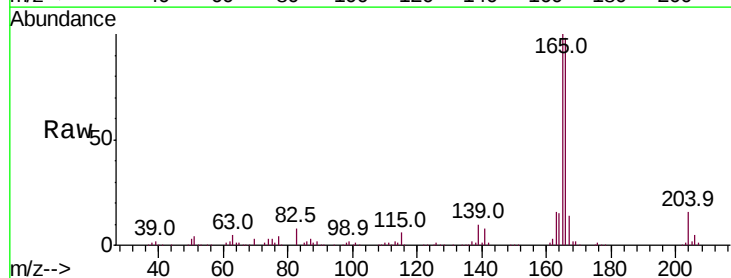
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.094 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.2	114.2
167	14.0	10.6	16.0

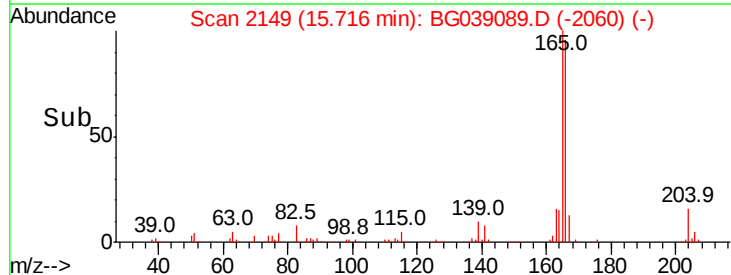
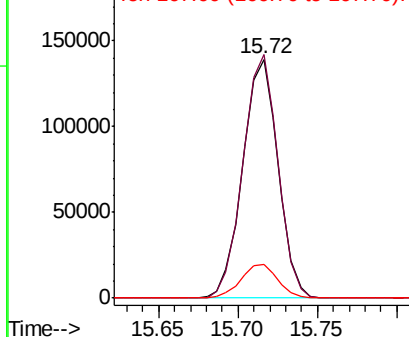


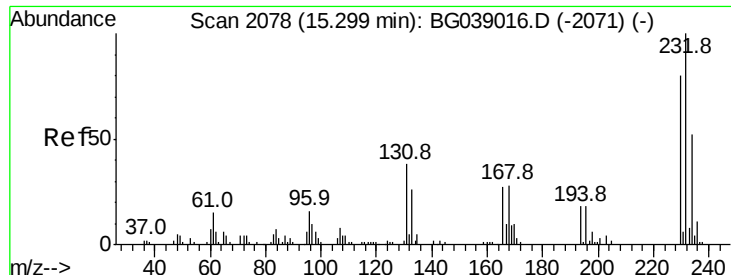
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

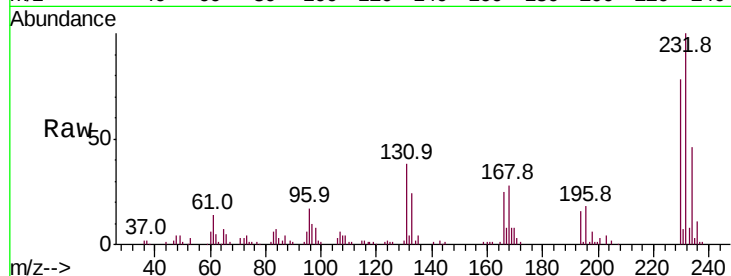




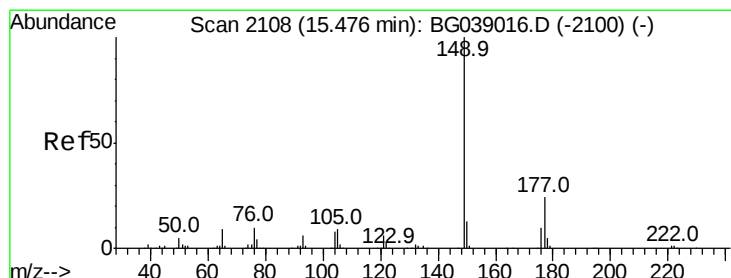
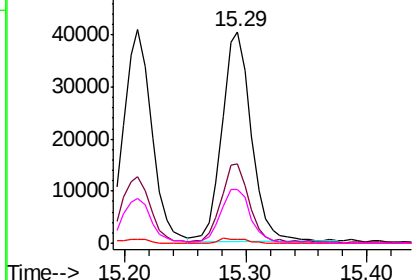
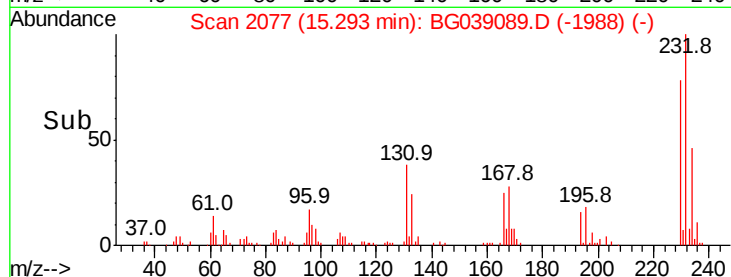
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.370 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 68190
 Ion Ratio Lower Upper
 232 100
 131 35.2 30.9 46.3
 130 2.1 1.9 2.9
 166 27.1 22.1 33.1

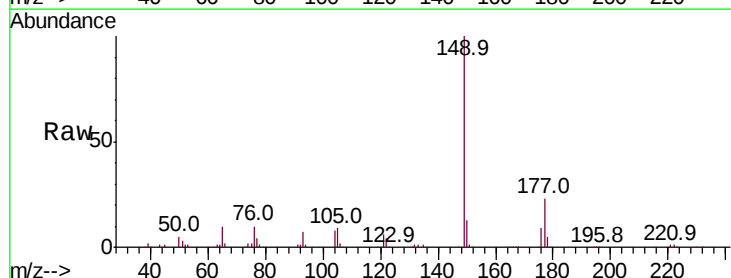


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

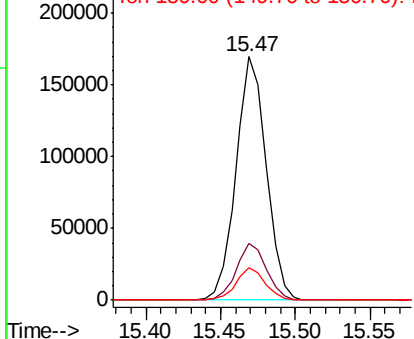
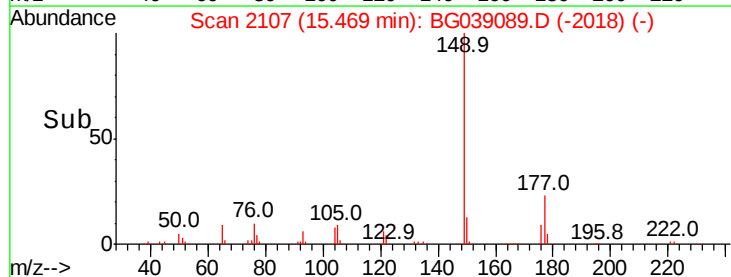


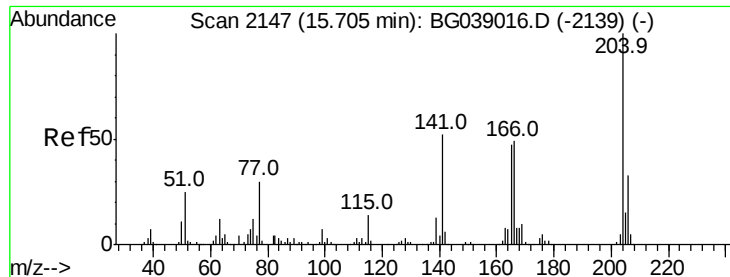
#60
 Diethylphthalate
 Concen: 40.944 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion:149 Resp: 237680
 Ion Ratio Lower Upper
 149 100
 177 23.4 19.0 28.6
 150 13.2 10.2 15.4



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

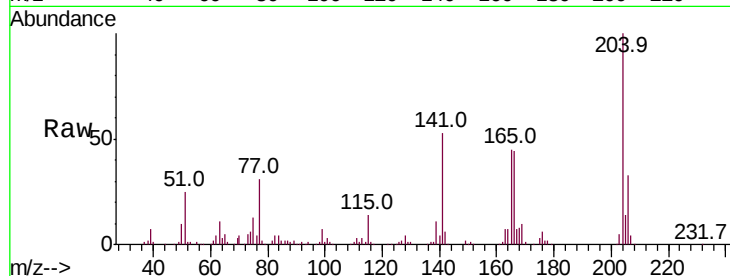




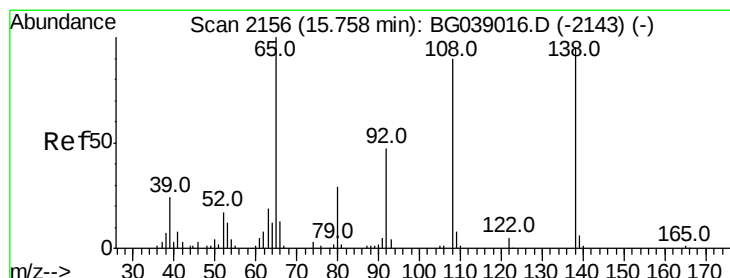
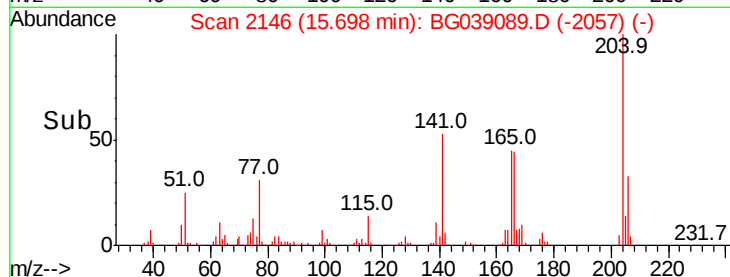
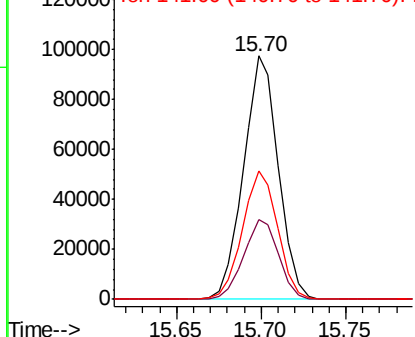
#61
4-Chlorophenyl-phenylether
Concen: 43.035 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 139156
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 52.8 41.4 62.0

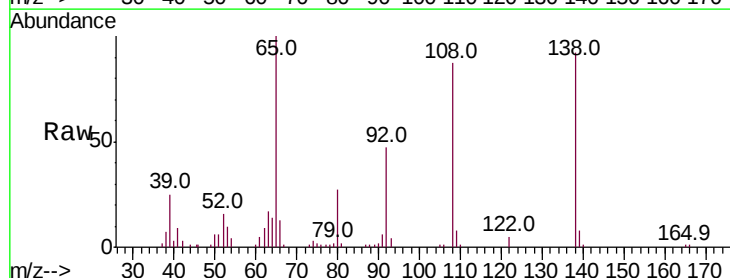


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

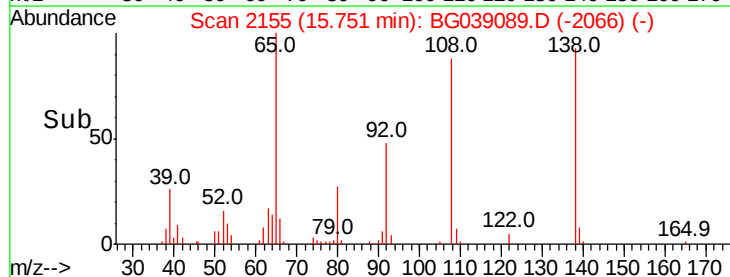
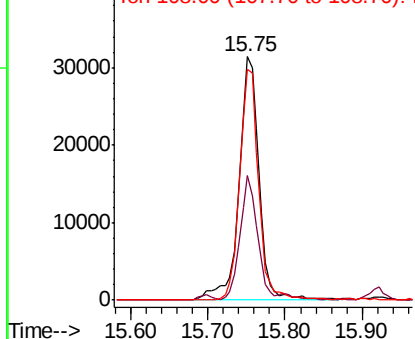


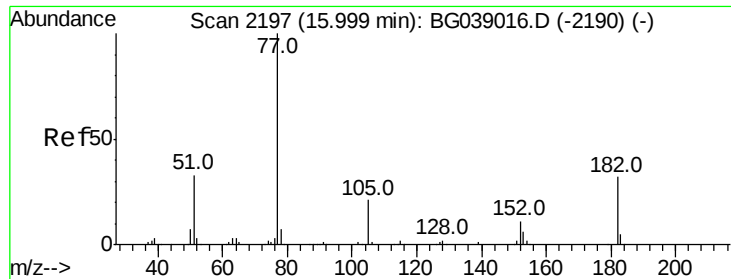
#62
4-Nitroaniline
Concen: 43.216 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:138 Resp: 57529
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 95.0 75.7 115.7



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

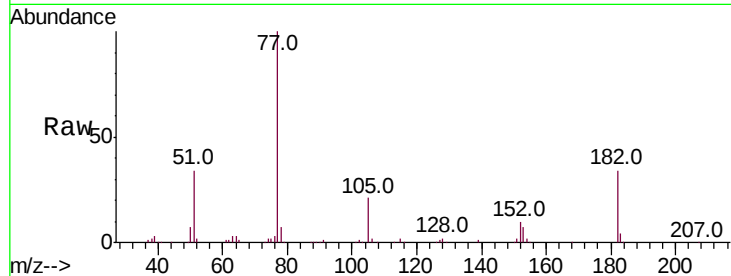




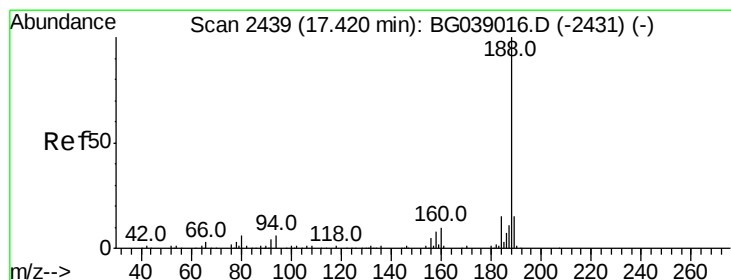
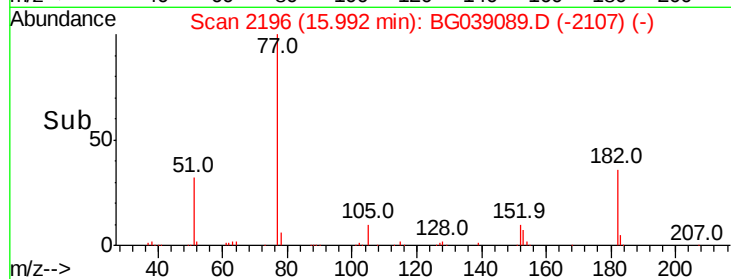
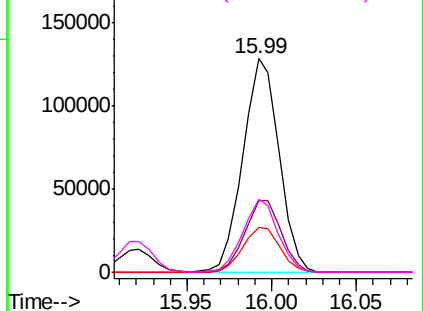
#63
Azobenzene
Concen: 42.120 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	191207
Ion	Ratio	Lower	Upper
77	100		
182	33.7	12.2	52.2
105	21.2	1.2	41.2
51	34.2	13.4	53.4

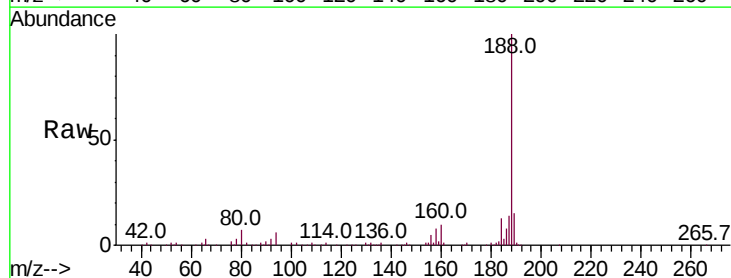


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

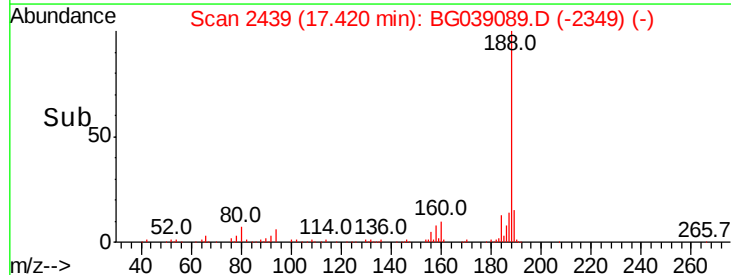
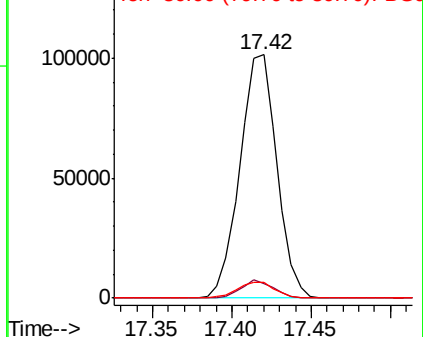


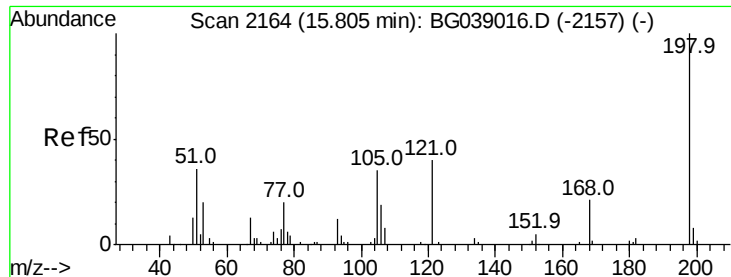
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:	188	Resp:	164242
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.6	4.7	7.1



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

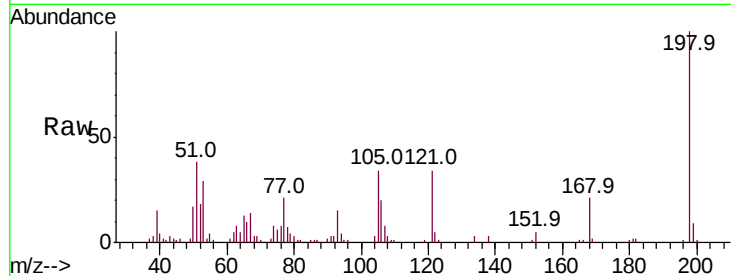




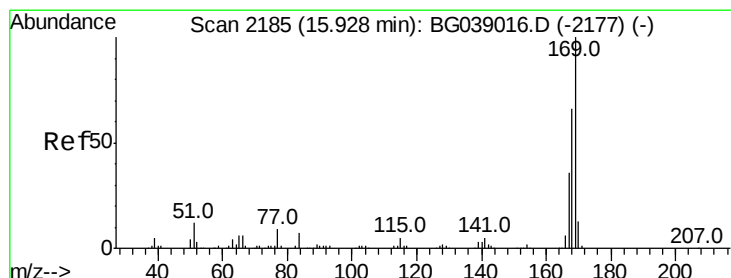
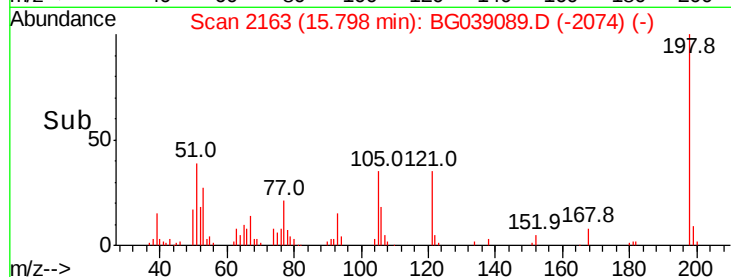
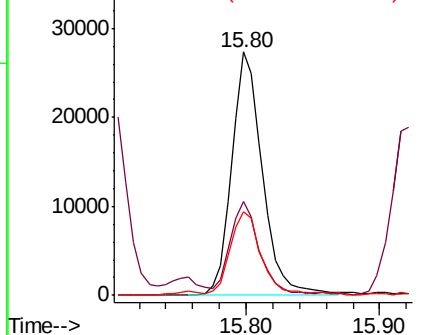
#65
4,6-Dinitro-2-methylphenol
Concen: 35.934 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.3	20.8	60.8
105	34.4	16.1	56.1

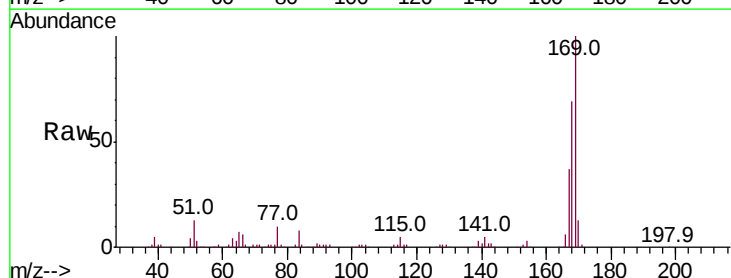


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

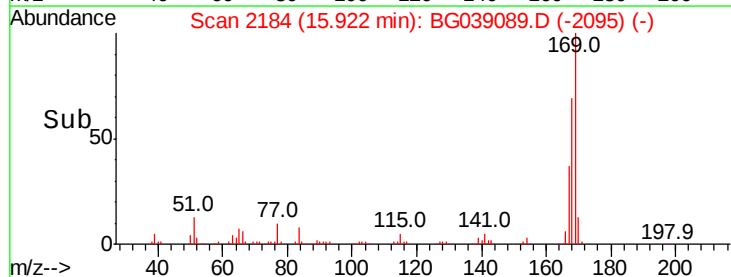
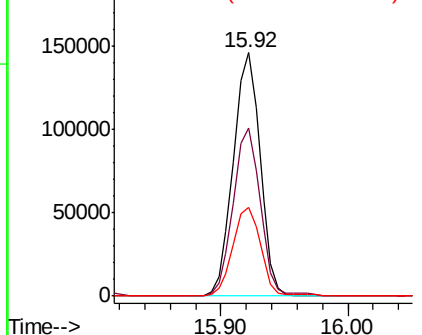


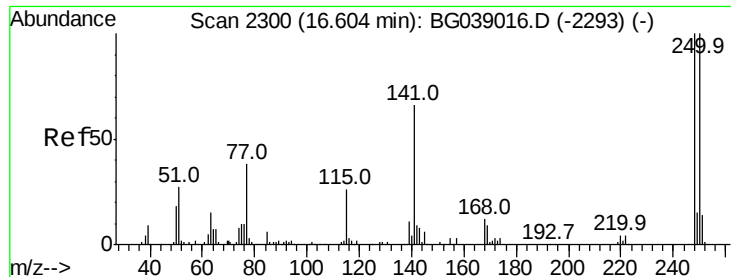
#66
n-Nitrosodiphenylamine
Concen: 43.885 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.2	79.8
167	36.5	29.1	43.7



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

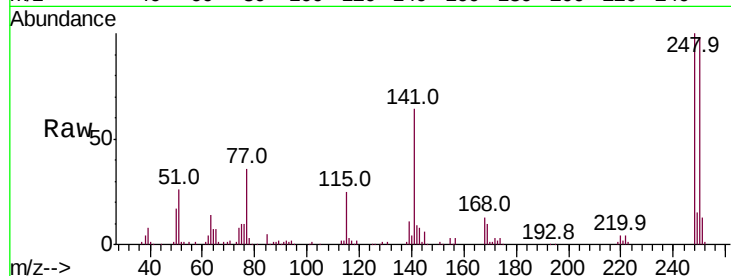




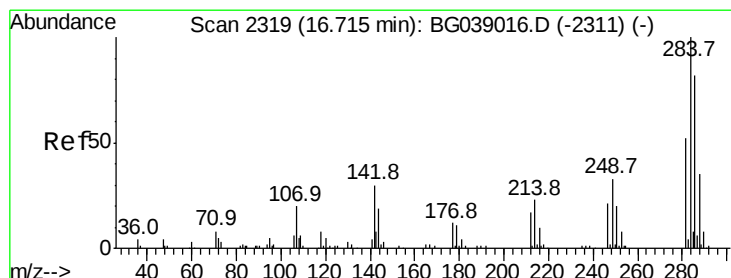
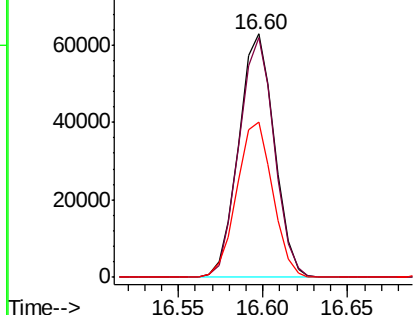
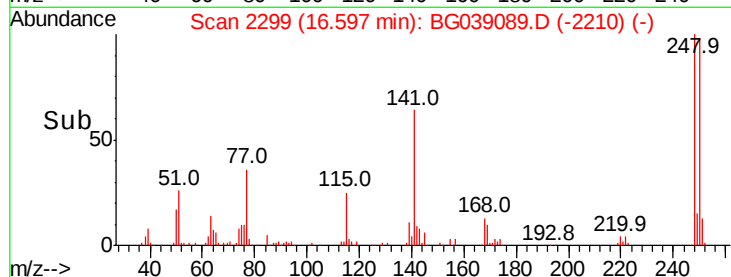
#67
 4-Bromophenyl-phenylether
 Concen: 43.616 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 92085
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.9 119.9
 141 63.9 52.7 79.1

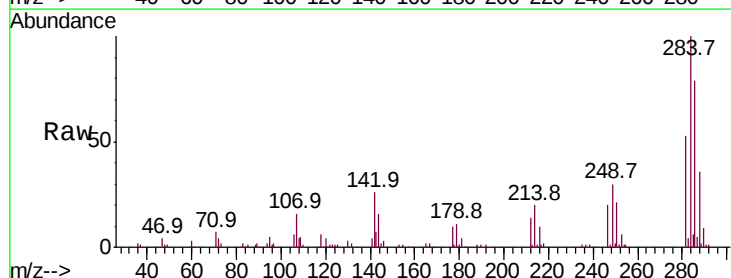


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

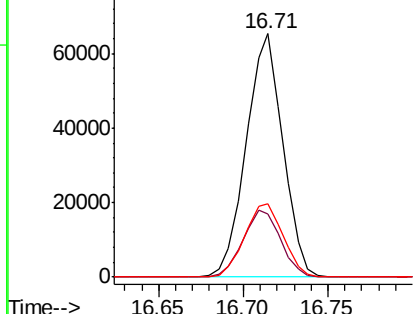
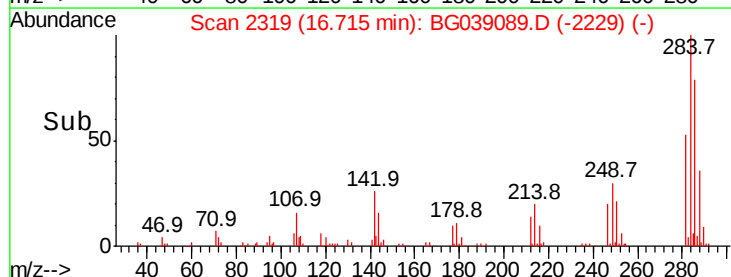


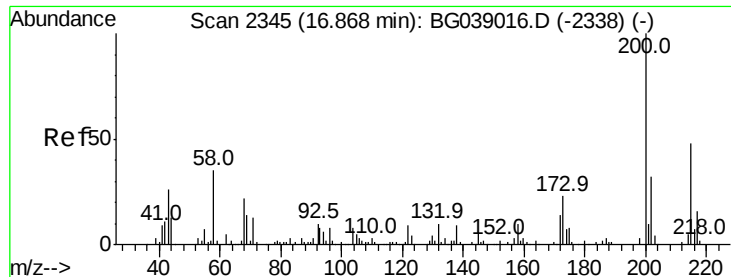
#68
 Hexachlorobenzene
 Concen: 42.760 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion:284 Resp: 98510
 Ion Ratio Lower Upper
 284 100
 142 25.8 24.3 36.5
 249 32.3 27.8 41.8



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

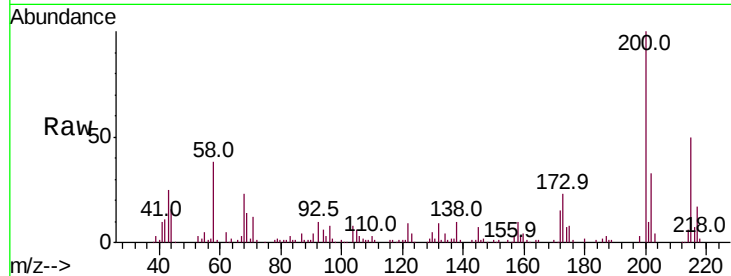




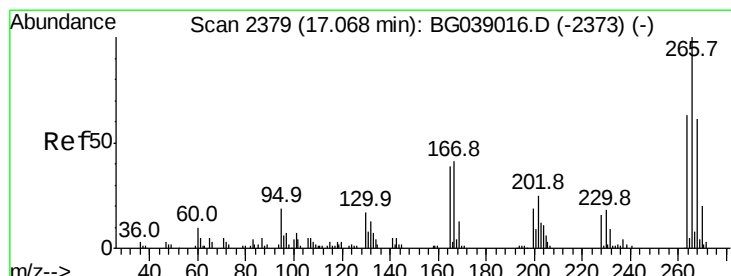
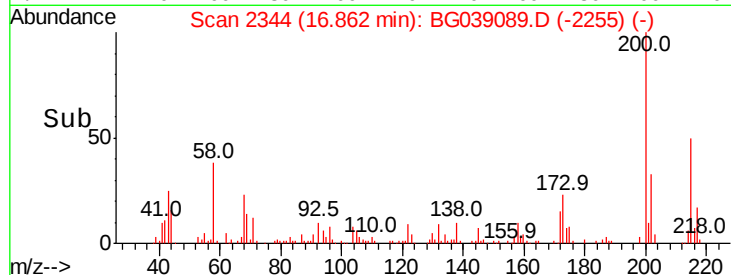
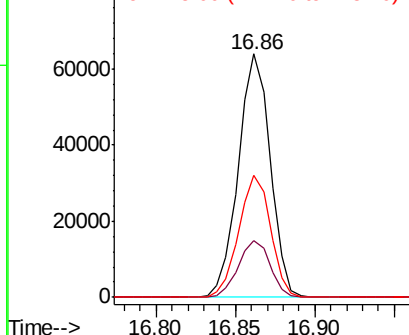
#69
Atrazine
Concen: 43.224 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	2.6	42.6
215	50.2	28.0	68.0

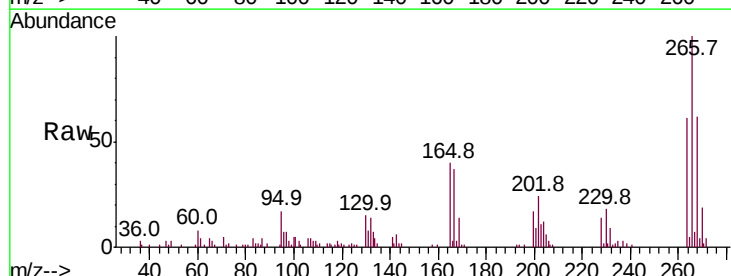


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

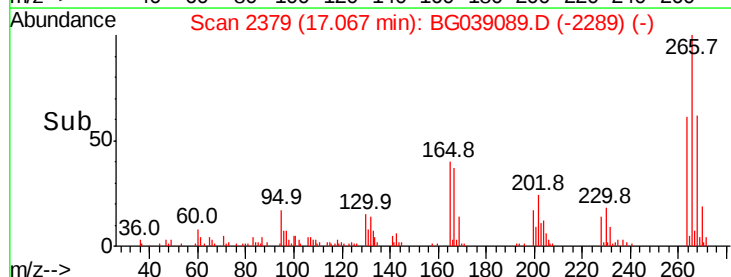
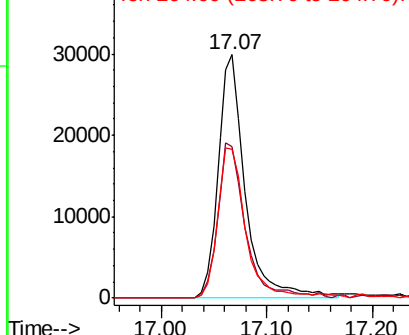


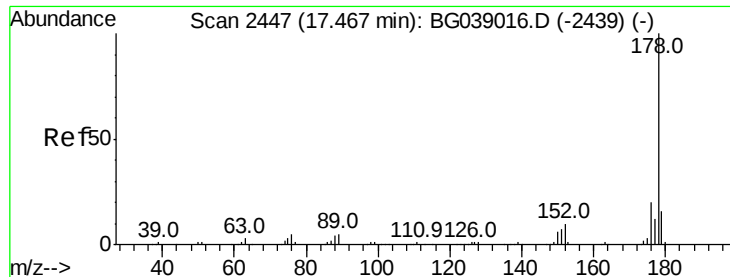
#70
Pentachlorophenol
Concen: 40.648 ng
RT: 17.07 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	52.0	78.0
264	61.4	54.6	81.8



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

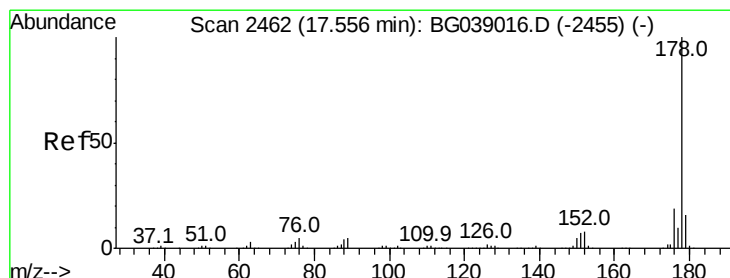
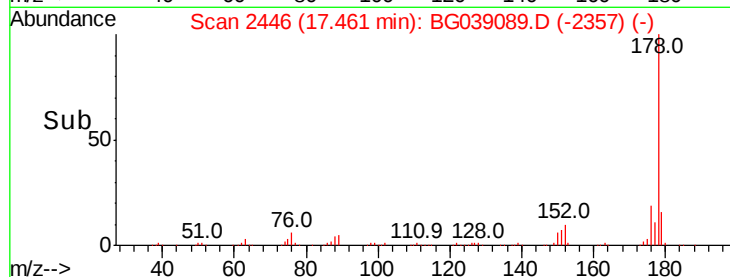
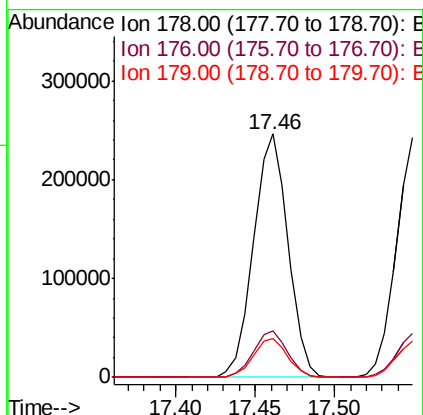
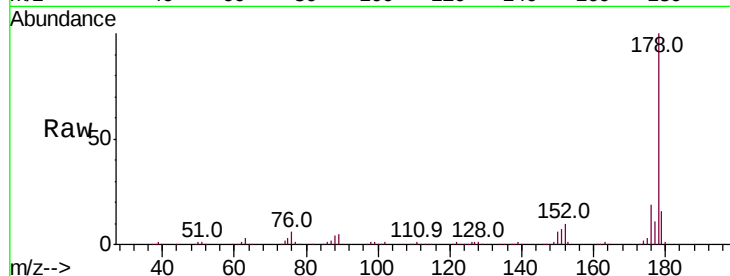




#71
 Phenanthrene
 Concen: 42.908 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

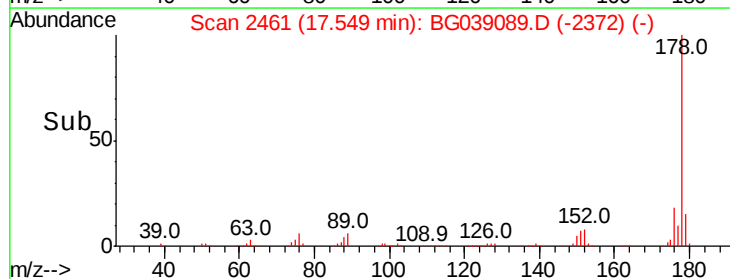
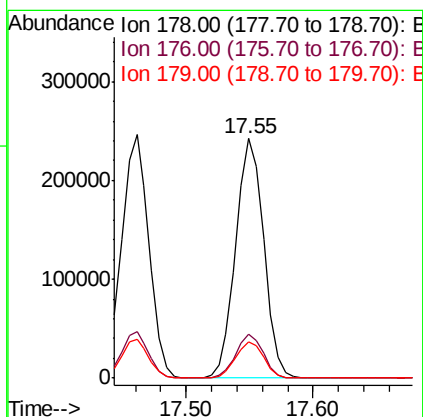
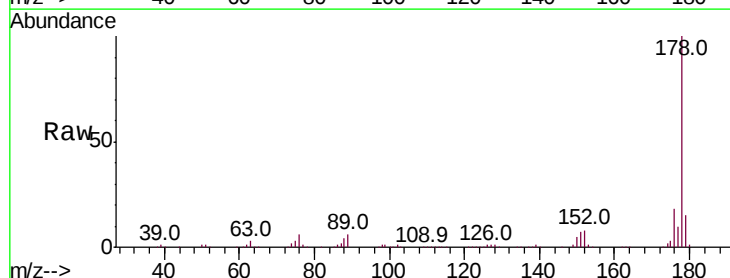
Instrument :
 BNA_G
 ClientSampleId :

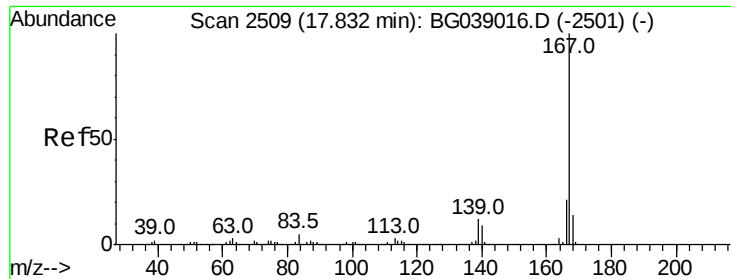
Tot Ion:178 Resp: 372500
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.7 12.9 19.3



#72
 Anthracene
 Concen: 43.161 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion:178 Resp: 370472
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.3 13.0 19.4





#73

Carbazole

Concen: 42.856 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

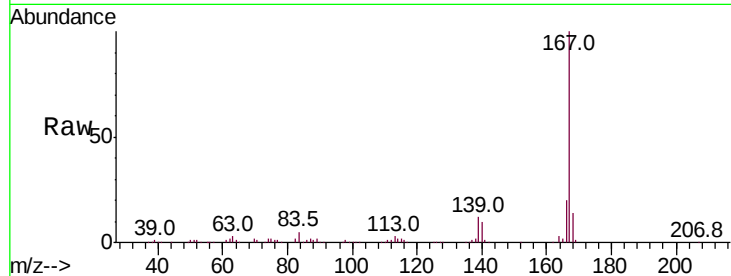
Tot Ion:167 Resp: 363142

Ion Ratio Lower Upper

167 100

166 20.4 16.9 25.3

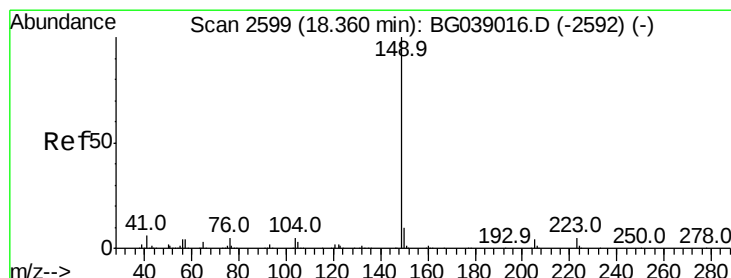
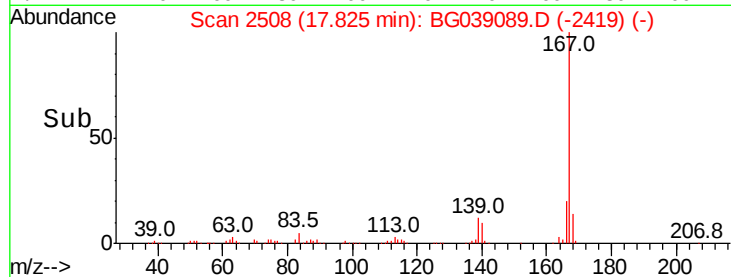
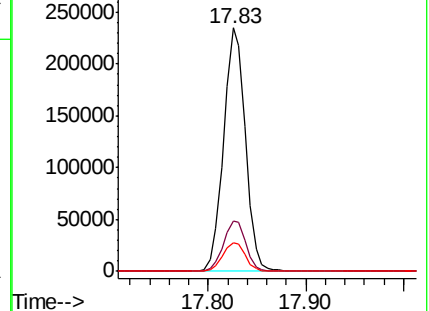
139 11.5 10.0 15.0



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: 42.800 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

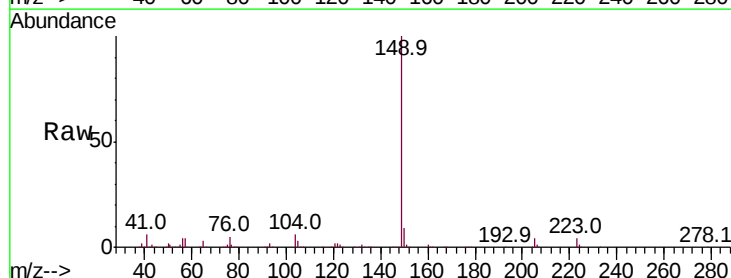
Tgt Ion:149 Resp: 403458

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

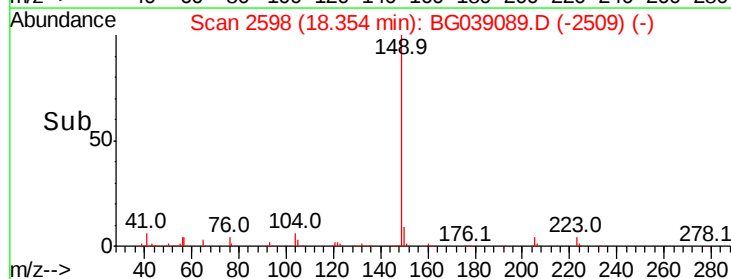
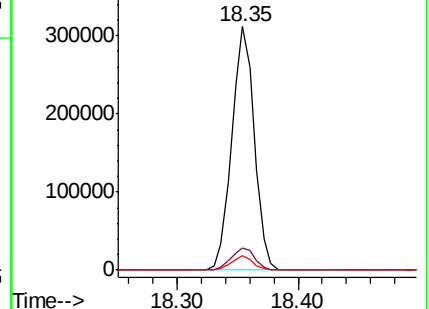
104 5.8 4.2 6.2

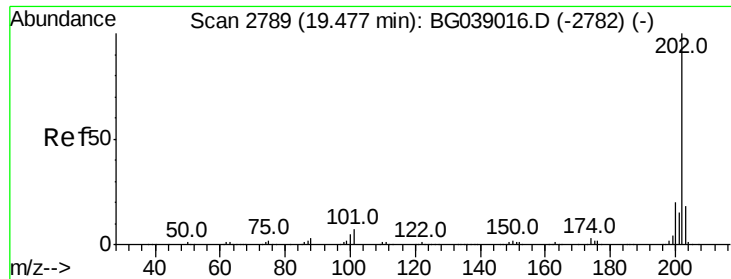


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.198 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

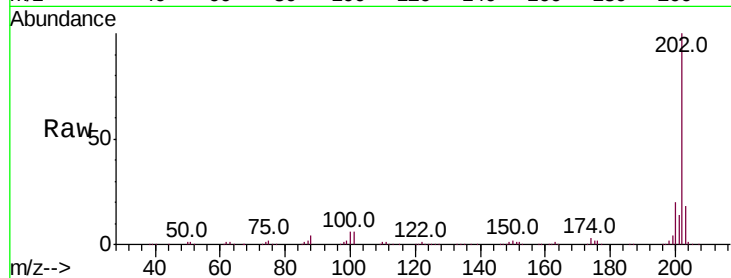
Tot Ion:202 Resp: 454142

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.9

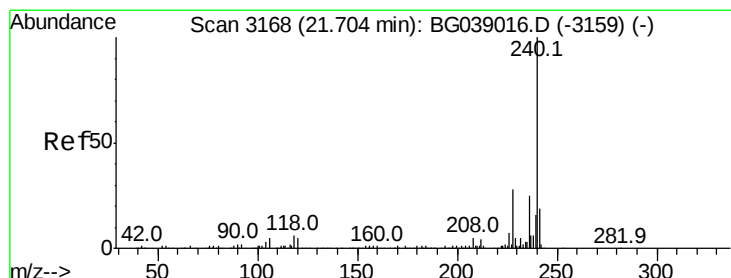
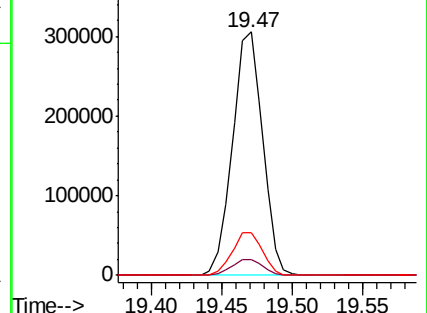
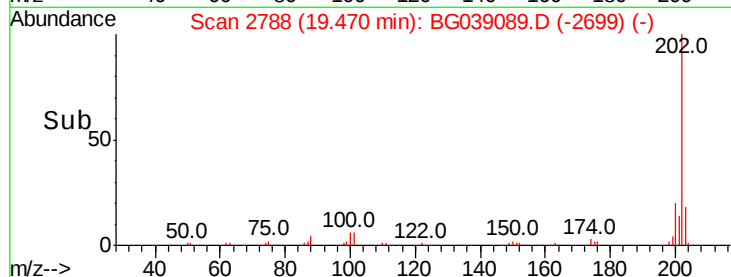
203 17.7 0.0 38.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

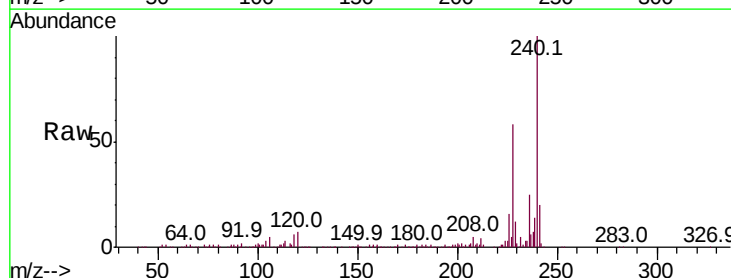
Tgt Ion:240 Resp: 170418

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

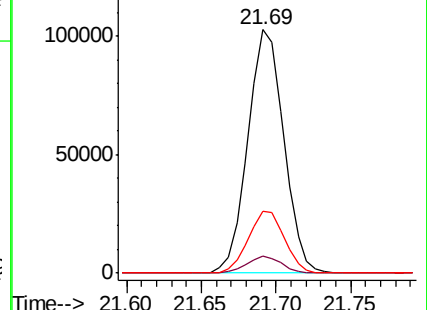
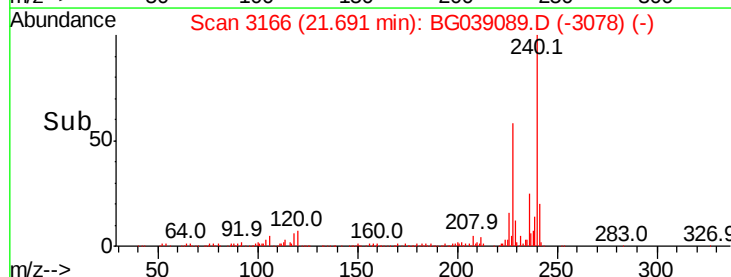
236 25.4 20.1 30.1

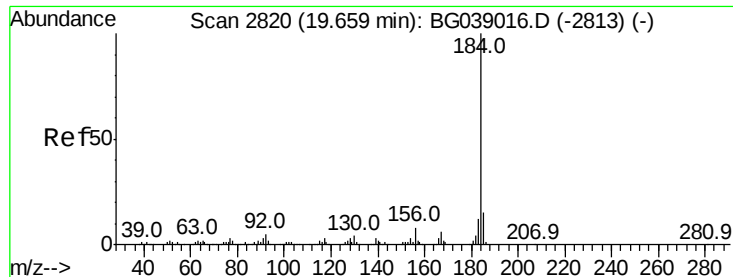


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.591 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

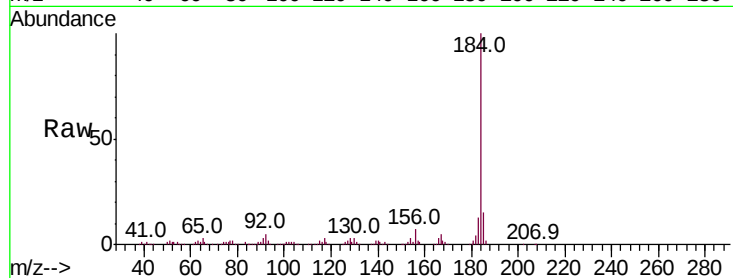
Tot Ion:184 Resp: 185514

Ion Ratio Lower Upper

184 100

185 15.5 12.1 18.1

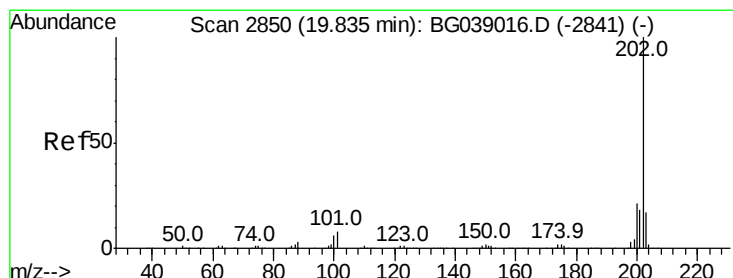
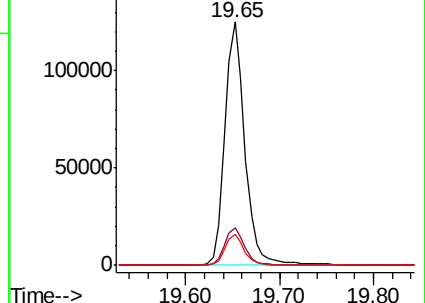
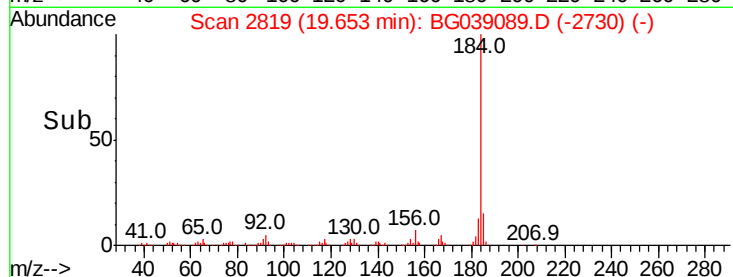
183 12.5 9.5 14.3



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: 42.734 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

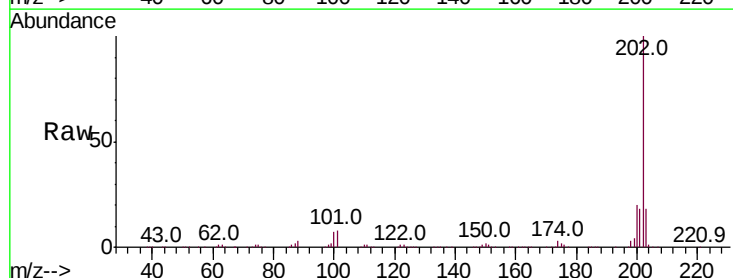
Tgt Ion:202 Resp: 464114

Ion Ratio Lower Upper

202 100

200 20.0 17.0 25.6

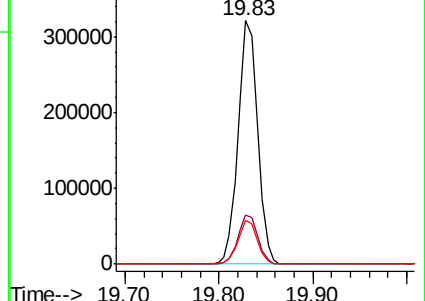
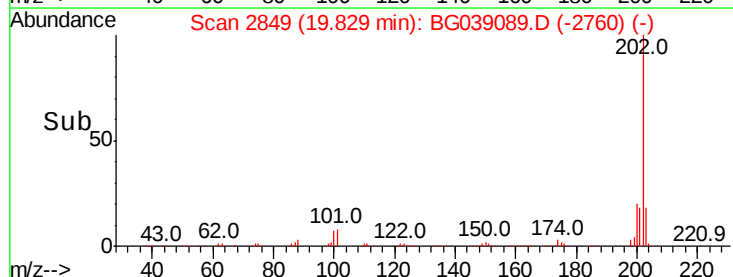
203 18.2 14.0 21.0

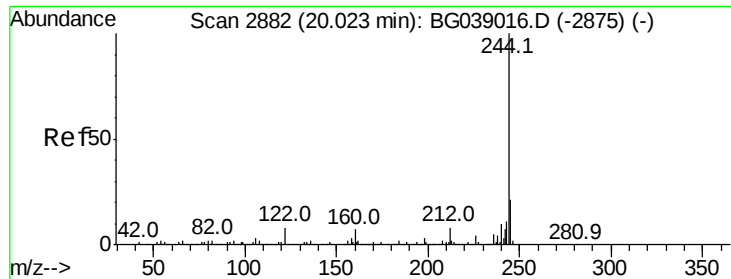


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.931 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

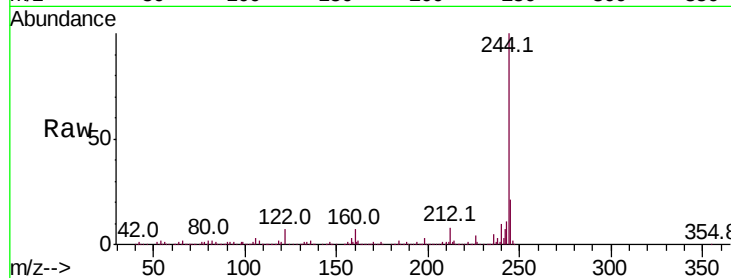
Tot Ion:244 Resp: 773199

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

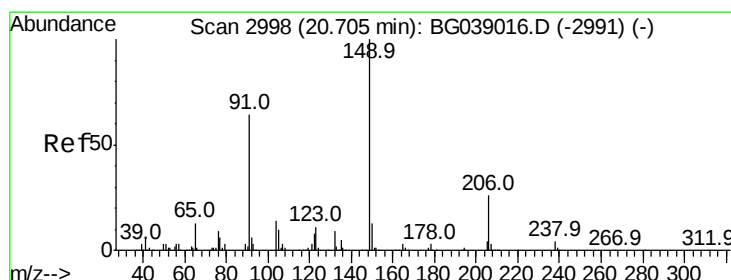
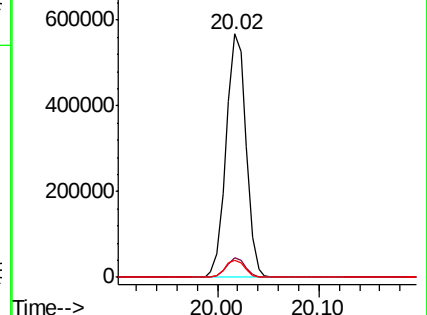
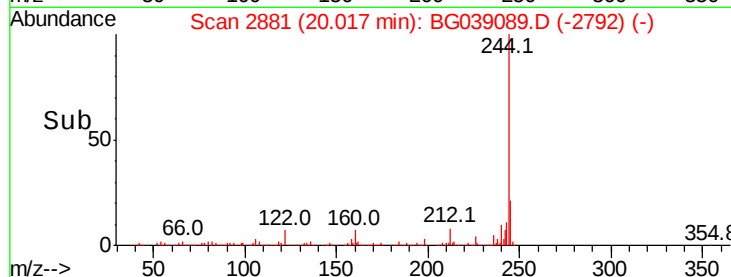
122 6.8 6.1 9.1



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: 43.117 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

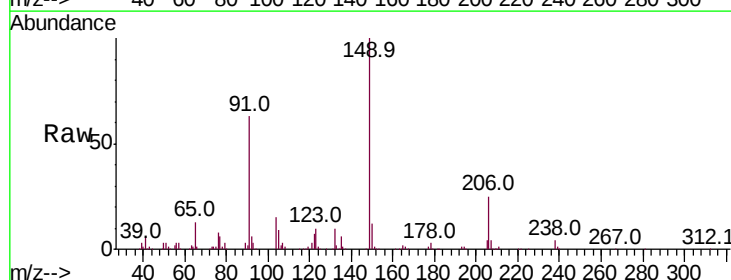
Tgt Ion:149 Resp: 178103

Ion Ratio Lower Upper

149 100

91 62.6 51.4 77.0

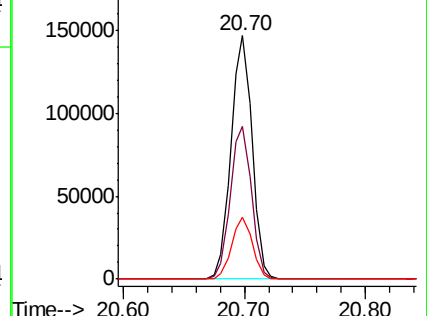
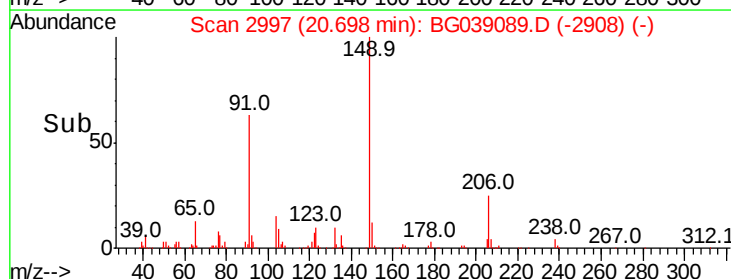
206 25.3 20.4 30.6

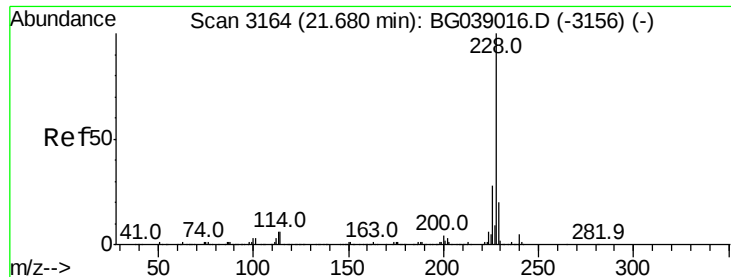


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.901 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

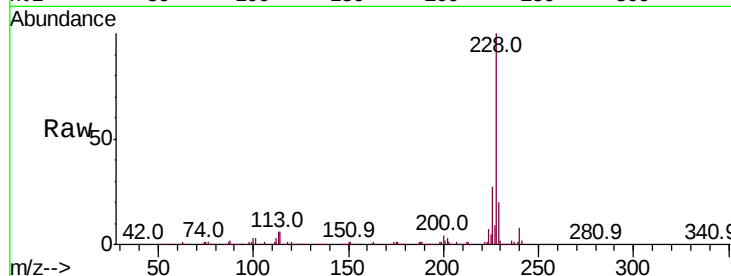
Tot Ion:228 Resp: 445061

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

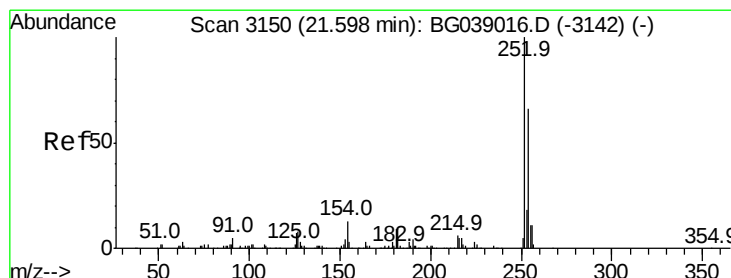
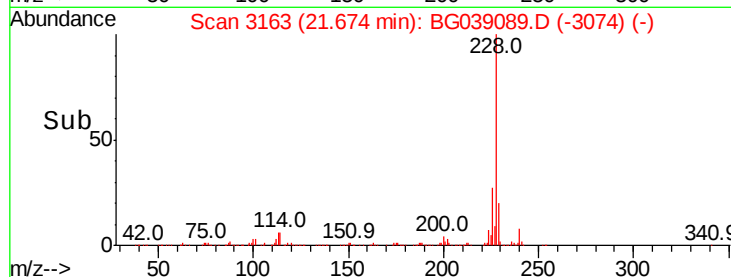
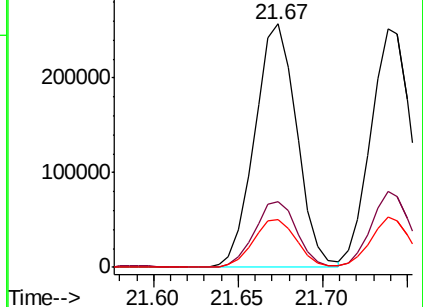
229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.015 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

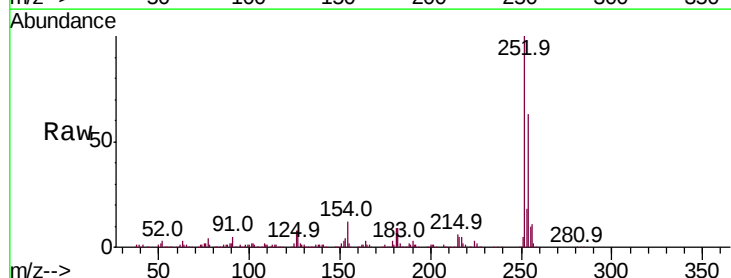
Tgt Ion:252 Resp: 181821

Ion Ratio Lower Upper

252 100

254 62.9 53.0 79.6

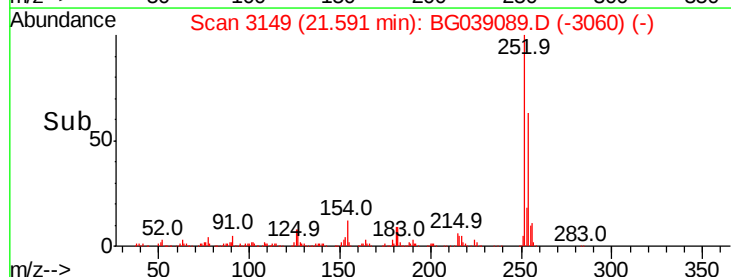
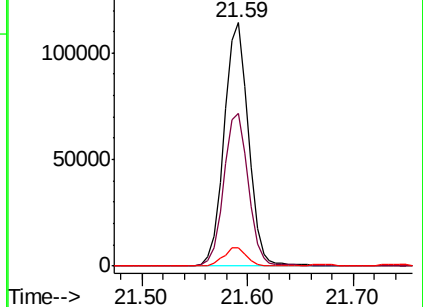
126 7.6 6.0 9.0

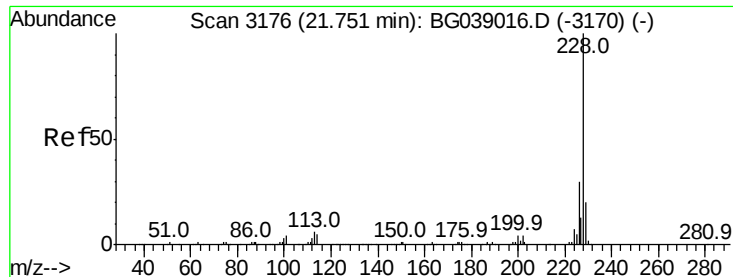


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

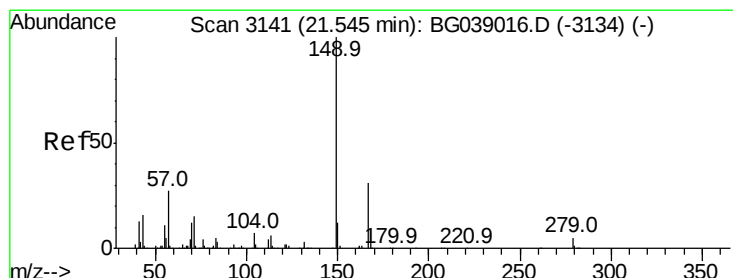
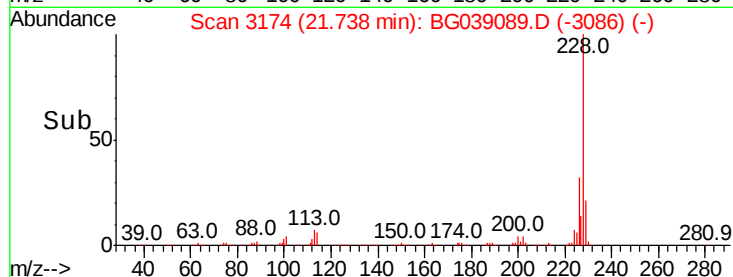
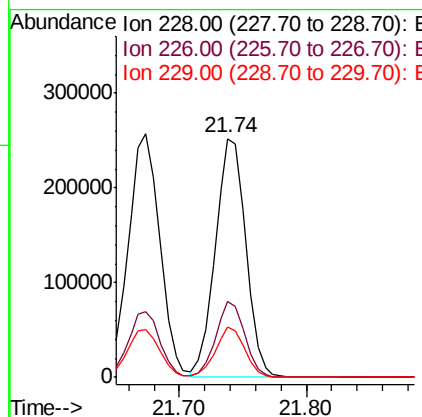
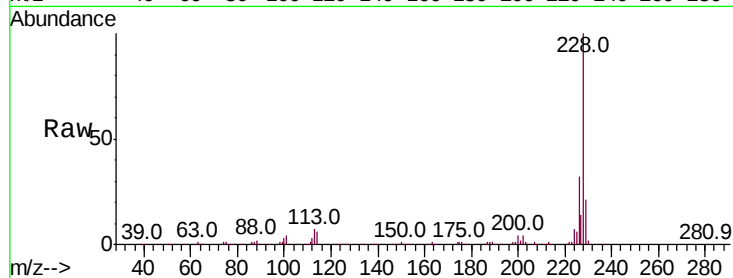




#83
 Chrysene
 Concen: 42.749 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

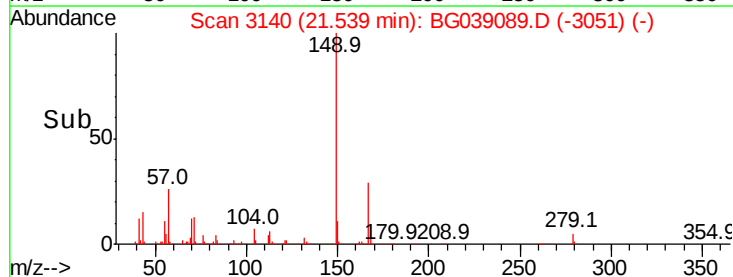
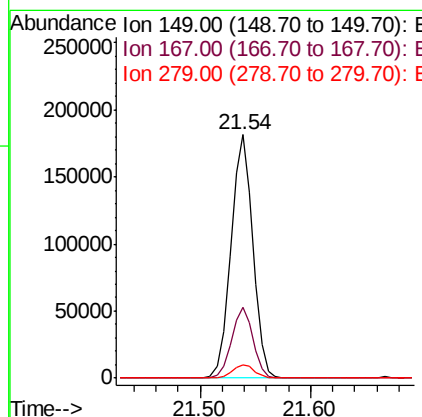
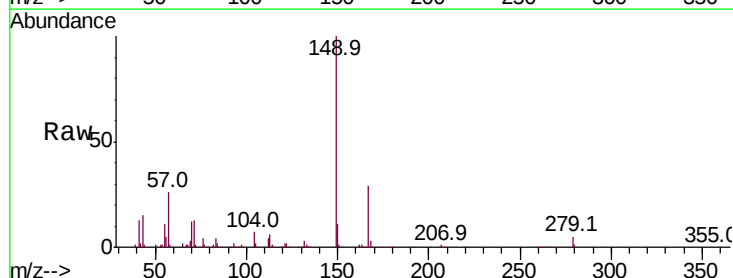
Instrument :
 BNA_G
 ClientSampleId :

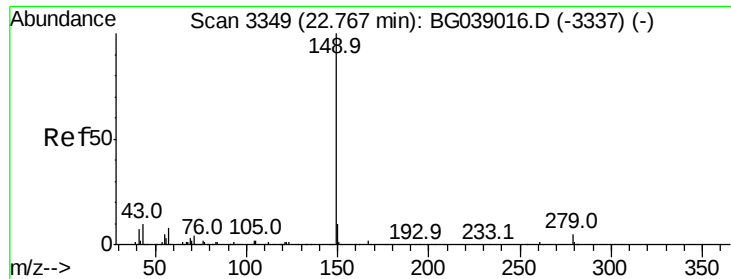
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	20.8	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.791 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG039089.D
 Acq: 11 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	25.0	37.4
279	5.5	4.3	6.5

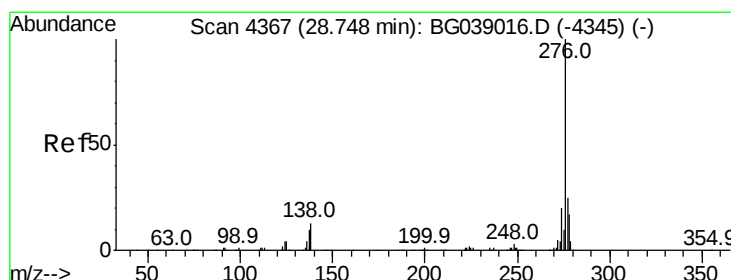
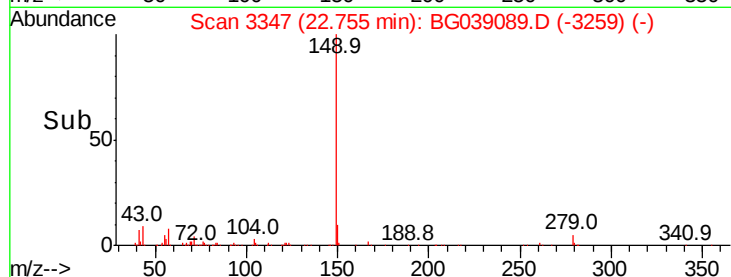
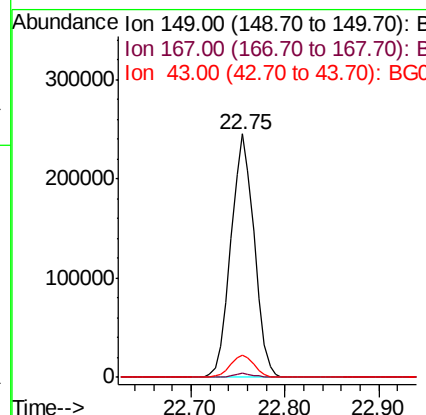
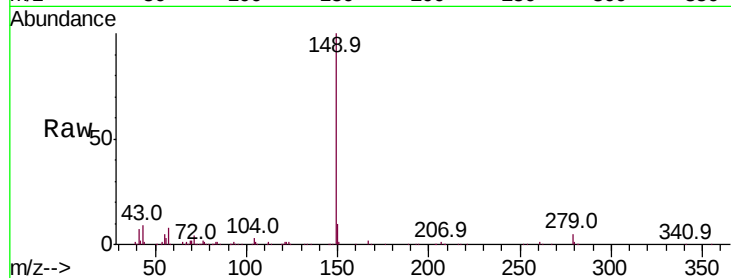




#85
Di-n-octyl phthalate
Concen: 43.379 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

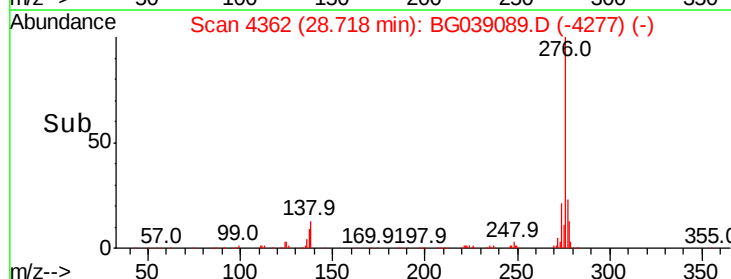
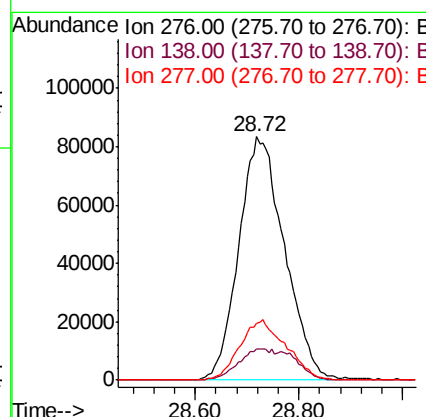
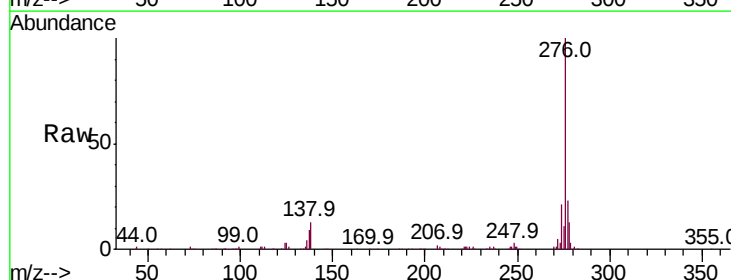
Instrument :
BNA_G
ClientSampleId :

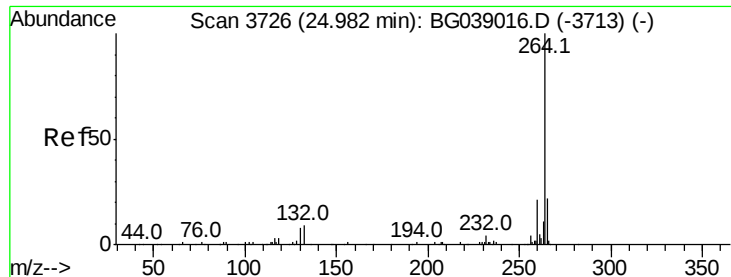
Tot Ion:149 Resp: 420698
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.4 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.187 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG039089.D
Acq: 11 Jan 2019 17:30

Tgt Ion:276 Resp: 509164
Ion Ratio Lower Upper
276 100
138 10.4 8.0 12.0
277 25.1 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

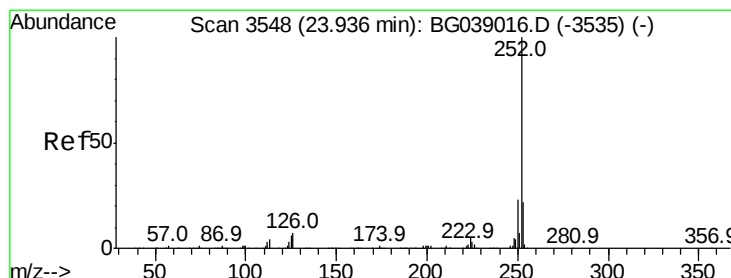
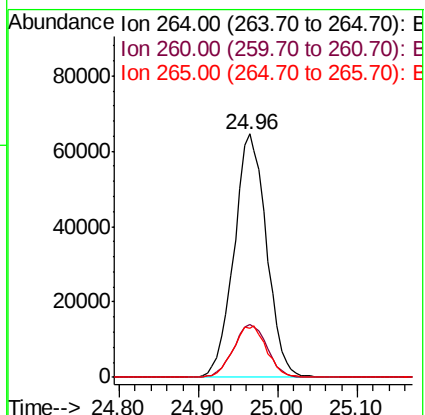
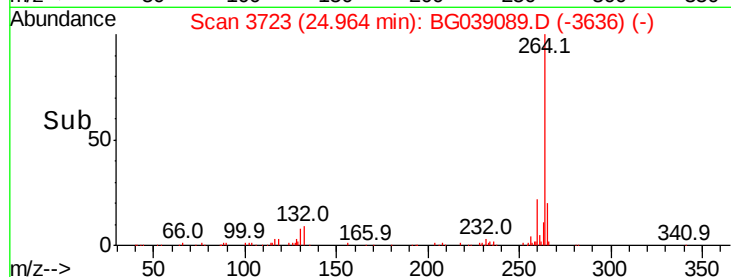
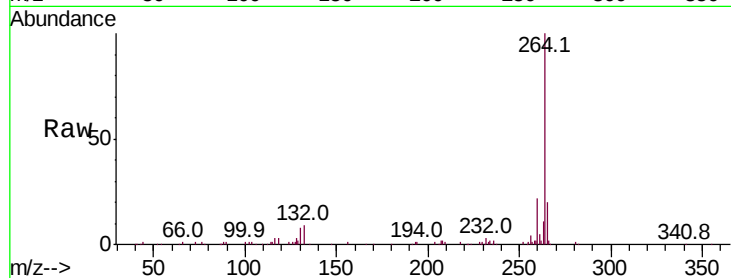
Tot Ion:264 Resp: 183187

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	20.0	17.2	25.8

264 100

260 21.9 17.0 25.6

265 20.0 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 44.011 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

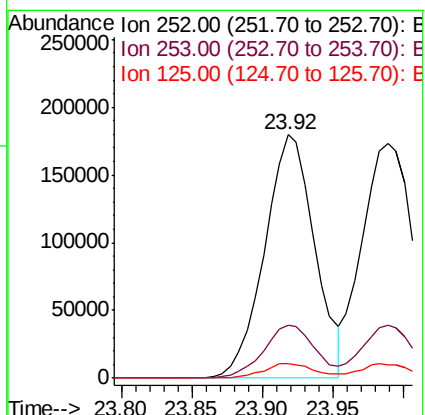
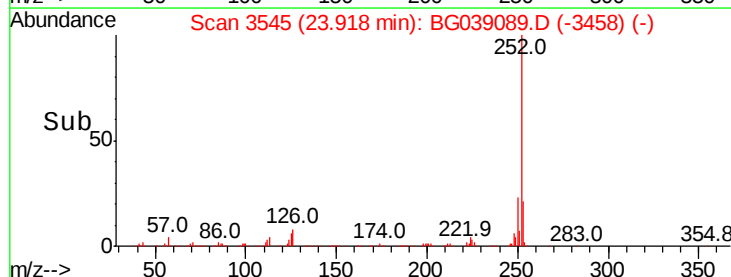
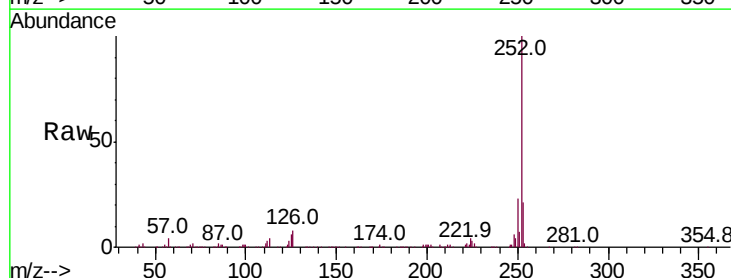
Tgt Ion:252 Resp: 444550

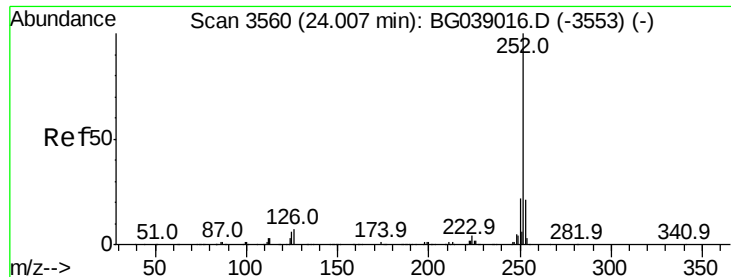
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	6.0	4.9	7.3

252 100

253 21.5 17.8 26.6

125 6.0 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 43.704 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampled :

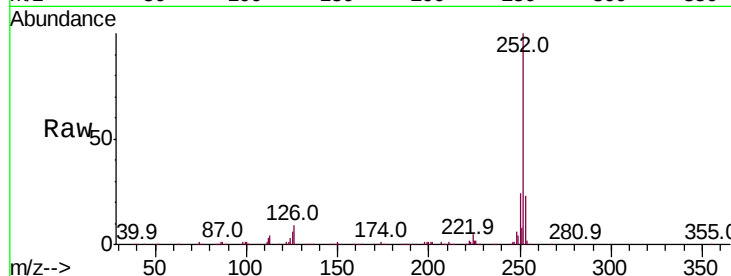
Tot Ion:252 Resp: 436475

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

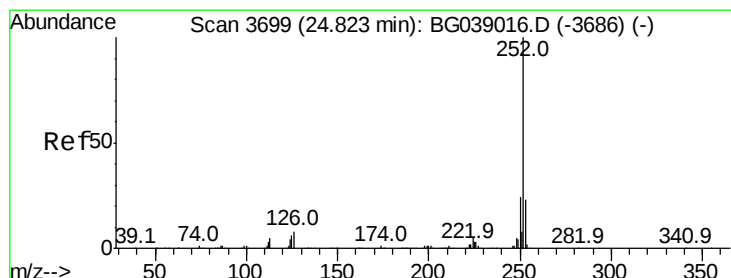
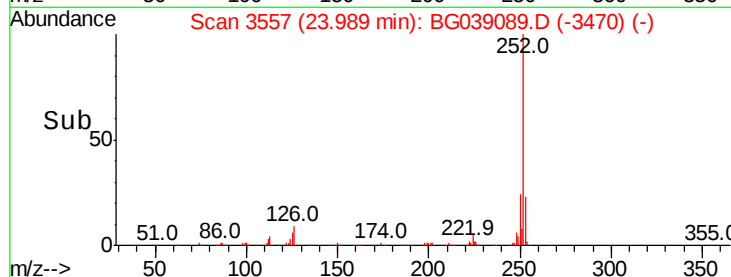
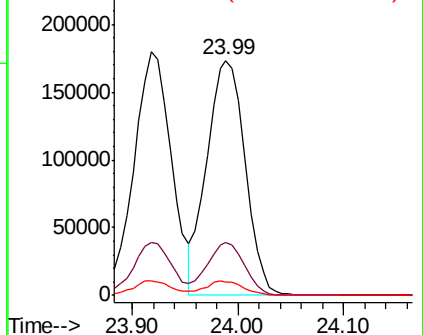
125 5.7 4.6 7.0



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: 43.620 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

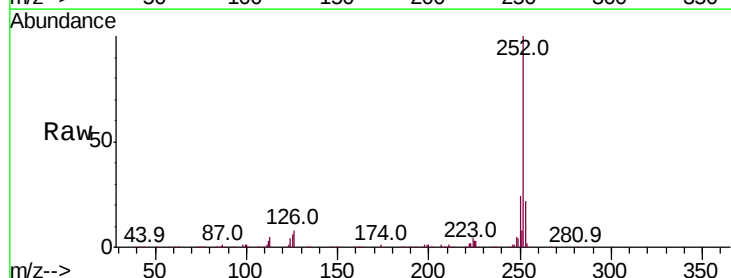
Tgt Ion:252 Resp: 425872

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

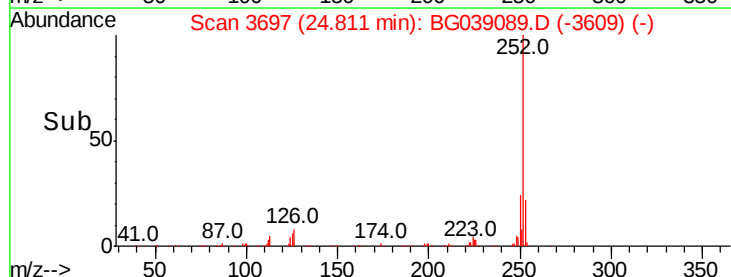
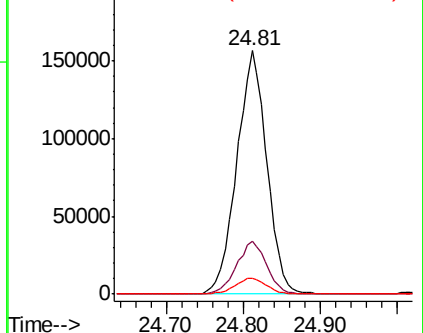
125 6.3 4.9 7.3

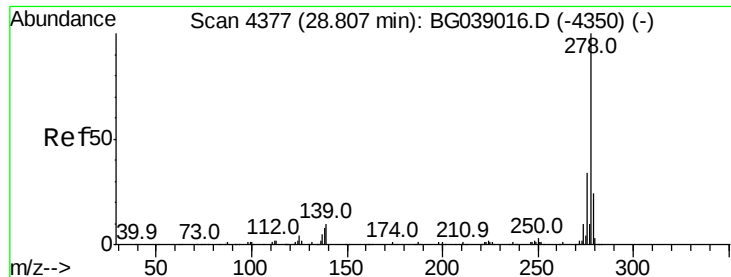


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.424 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

Instrument :

BNA_G

ClientSampleId :

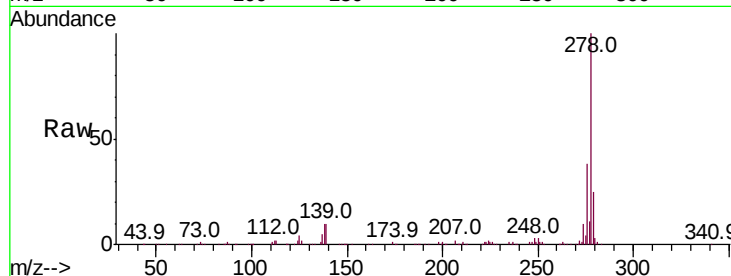
Tot Ion:278 Resp: 421702

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

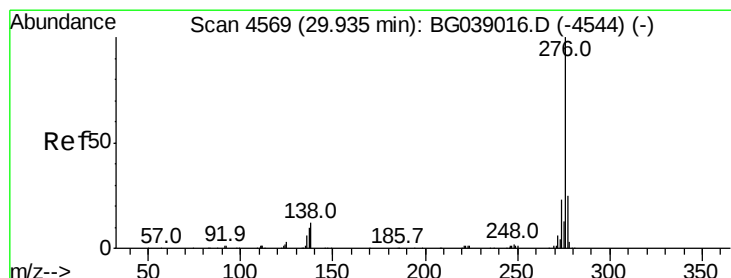
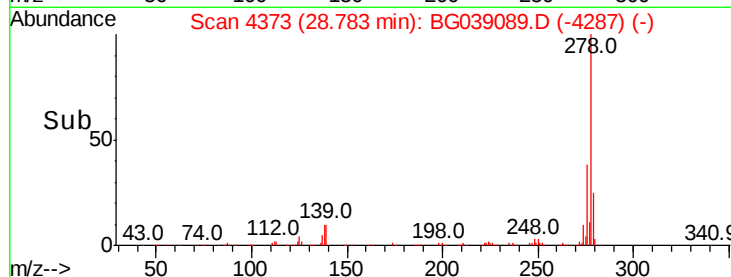
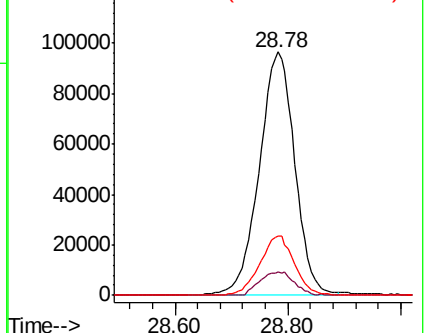
279 24.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.340 ng

RT: 29.91 min Scan# 4564

Delta R.T. -0.03 min

Lab File: BG039089.D

Acq: 11 Jan 2019 17:30

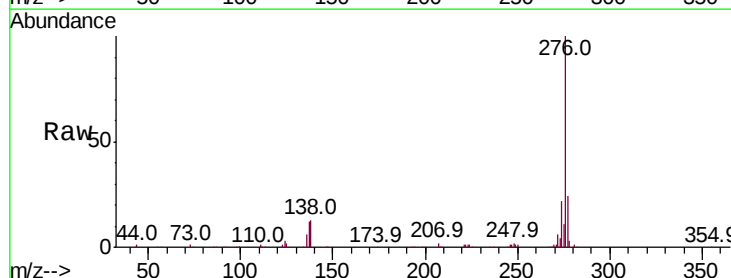
Tgt Ion:276 Resp: 416669

Ion Ratio Lower Upper

276 100

277 24.1 20.3 30.5

138 12.7 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

