

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039077.D
 Acq On : 11 Jan 2019 7:06
 Operator : JU/SJ
 Sample : K1083-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 08:30:32 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	8.03	152	24722	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	98975	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69097	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178582	20.00	ng	0.00
76) Chrysene-d12	21.69	240	192752	20.00	ng	0.00
87) Perylene-d12	24.97	264	210169	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	165458	126.96	ng	0.00
7) Phenol-d6	7.19	99	211496	112.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	145057	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	149417	129.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	399780	79.18	ng	0.00
79) Terphenyl-d14	20.02	244	811699	77.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	17559	34.406	ng	# 23
3) Pyridine	3.87	79	45811	33.035	ng	95
4) n-Nitrosodimethylamine	3.79	42	28505	45.680	ng	97
6) Aniline	7.36	93	27666	12.283	ng	95
8) 2-Chlorophenol	7.59	128	65710	42.773	ng	96
9) Benzaldehyde	7.17	77	21966	20.309	ng	94
10) Phenol	7.22	94	72226	38.411	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	55935	38.921	ng	98
12) 1,3-Dichlorobenzene	7.91	146	69793	37.919	ng	97
13) 1,4-Dichlorobenzene	8.06	146	72361	38.818	ng	98
14) 1,2-Dichlorobenzene	8.38	146	69546	39.129	ng	95
15) Benzyl Alcohol	8.27	79	60145	42.583	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	103963	37.726	ng	98
17) 2-Methylphenol	8.47	107	56562	43.320	ng	95
18) Hexachloroethane	9.10	117	24682	38.974	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	46946	38.118	ng	94
20) 3+4-Methylphenols	8.80	107	76273	40.973	ng	98
22) Acetophenone	8.86	105	99714	38.578	ng	96
24) Nitrobenzene	9.25	77	71016	38.844	ng	96
25) Isophorone	9.76	82	138051	44.308	ng	98
26) 2-Nitrophenol	9.96	139	39431	39.874	ng	99
27) 2,4-Dimethylphenol	10.01	122	65516	47.092	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	76370	40.784	ng	99
29) 2,4-Dichlorophenol	10.50	162	77677	44.942	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	80261	38.648	ng	97
31) Naphthalene	10.90	128	213942	43.098	ng	99
32) Benzoic acid	10.15	122	17083	25.483	ng	# 87
33) 4-Chloroaniline	11.02	127	7017	3.159	ng	# 92
34) Hexachlorobutadiene	11.15	225	53206	37.234	ng	98
35) Caprolactam	11.80	113	11017	15.896	ng	88
36) 4-Chloro-3-methylphenol	12.13	107	78247	42.328	ng	97
37) 2-Methylnaphthalene	12.49	142	161331	43.348	ng	98
38) 1-Methylnaphthalene	12.72	142	154004	43.111	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	103855	40.021	ng	99

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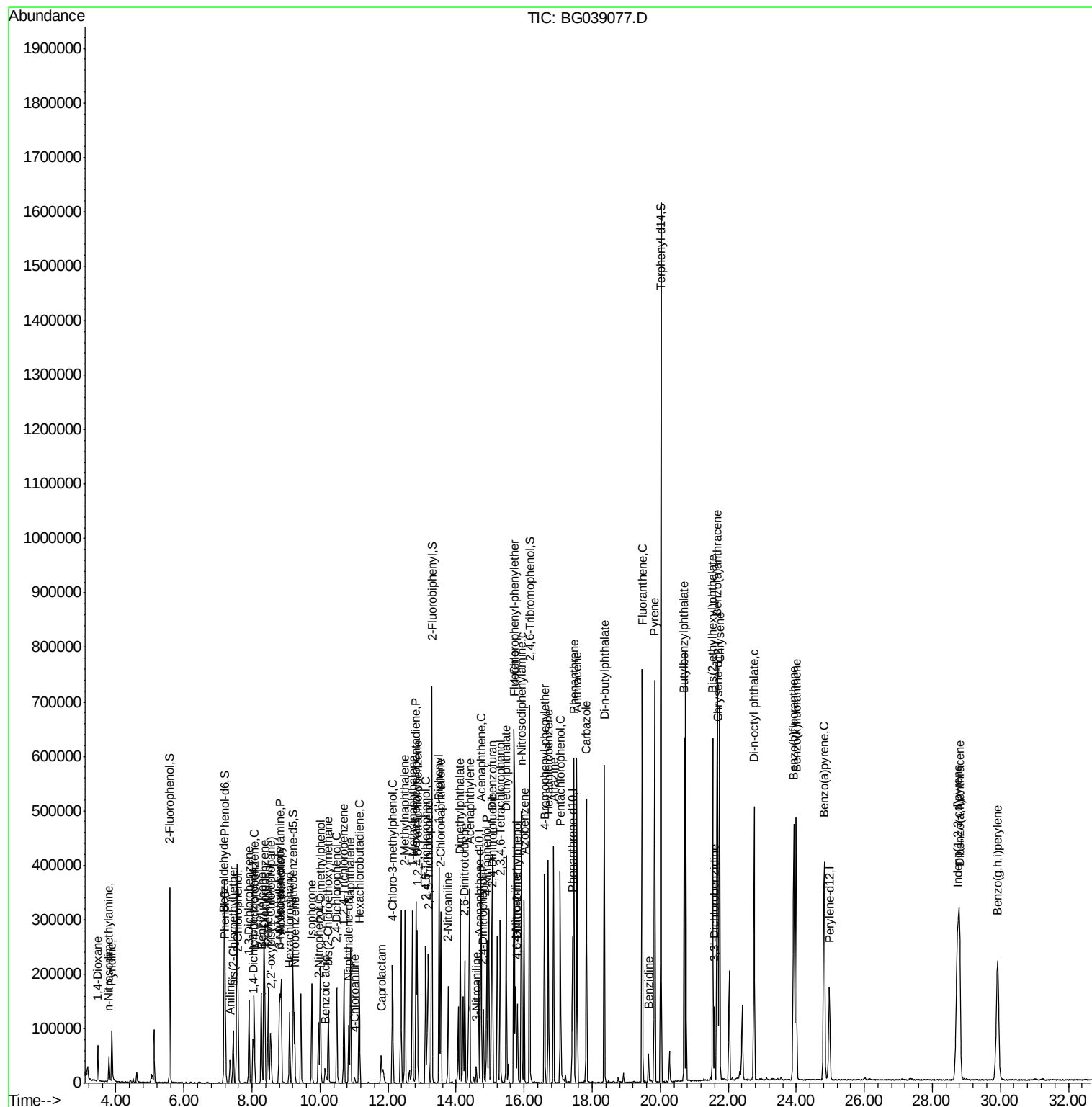
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	108582	74.703	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	70684	43.279	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	78306	45.364	ng	95
46) 1,1'-Biphenyl	13.50	154	218796	39.962	ng	99
47) 2-Chloronaphthalene	13.55	162	174364	39.354	ng	99
48) 2-Nitroaniline	13.76	65	52991	42.692	ng	97
49) Acenaphthylene	14.40	152	289093	43.411	ng	99
50) Dimethylphthalate	14.12	163	237001	40.589	ng	100
51) 2,6-Dinitrotoluene	14.26	165	55003	42.133	ng	92
52) Acenaphthene	14.73	154	165815	41.442	ng	93
53) 3-Nitroaniline	14.59	138	9297	7.020	ng	92
54) 2,4-Dinitrophenol	14.80	184	40391	53.653	ng	93
55) Dibenzofuran	15.07	168	287497	40.684	ng	99
56) 4-Nitrophenol	14.90	139	75053	78.766	ng	99
57) 2,4-Dinitrotoluene	15.04	165	76810	41.011	ng	97
58) Fluorene	15.72	166	230998	43.428	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	76403	46.889	ng	96
60) Diethylphthalate	15.47	149	241930	40.214	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	131154	39.138	ng	98
62) 4-Nitroaniline	15.75	138	52217	37.850	ng	94
63) Azobenzene	16.00	77	186524	39.647	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	40809	30.845	ng	93
66) n-Nitrosodiphenylamine	15.92	169	212955	40.225	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	89619	39.040	ng	96
68) Hexachlorobenzene	16.71	284	98068	39.150	ng	98
69) Atrazine	16.86	200	91854	40.842	ng	95
70) Pentachlorophenol	17.06	266	92445	61.201	ng	95
71) Phenanthrene	17.46	178	409169	43.347	ng	99
72) Anthracene	17.55	178	415752	44.547	ng	99
73) Carbazole	17.83	167	367753	39.916	ng	98
74) Di-n-butylphthalate	18.36	149	428598	41.816	ng	99
75) Fluoranthene	19.47	202	516137	44.108	ng	100
77) Benzidine	19.66	184	38964	6.609	ng	99
78) Pyrene	19.83	202	522563	42.541	ng	99
80) Butylbenzylphthalate	20.70	149	196738	42.110	ng	98
81) Benzo(a)anthracene	21.68	228	517195	44.078	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	55431	11.594	ng	96
83) Chrysene	21.74	228	481575	43.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	275557	42.478	ng	96
85) Di-n-octyl phthalate	22.76	149	471028	42.941	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	609606	45.715	ng	98
88) Benzo(b)fluoranthene	23.93	252	518389	44.732	ng	99
89) Benzo(k)fluoranthene	23.99	252	514333	44.888	ng	99
90) Benzo(a)pyrene	24.82	252	513259	45.821	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	511163	45.878	ng	99
92) Benzo(g,h,i)perylene	29.91	276	505524	45.831	ng	97

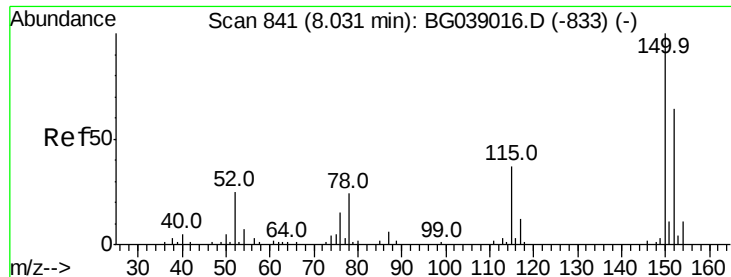
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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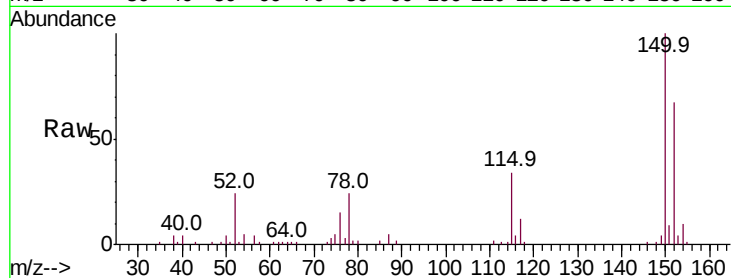


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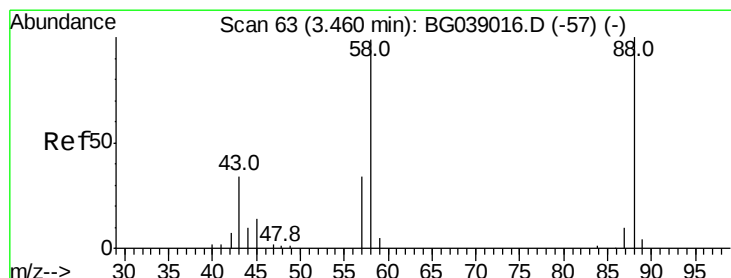
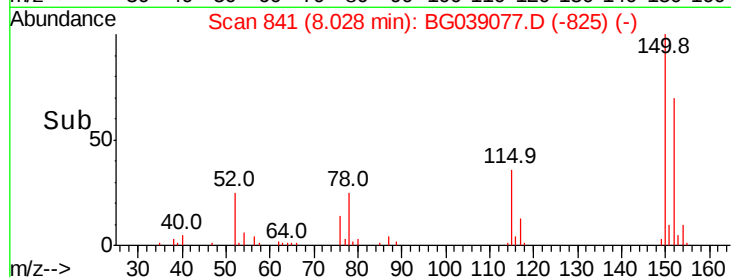
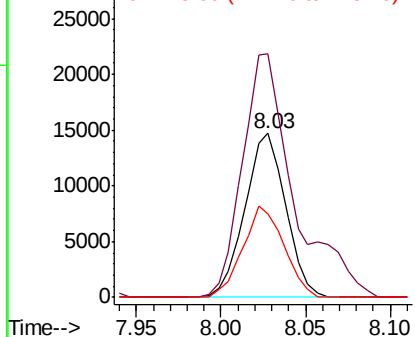
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24722
Ion Ratio Lower Upper
152 100
150 148.6 124.7 187.1
115 51.1 46.5 69.7



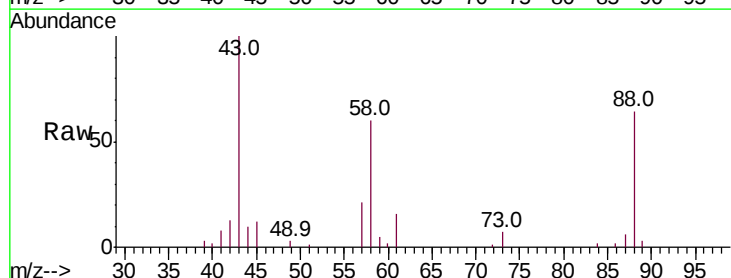
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



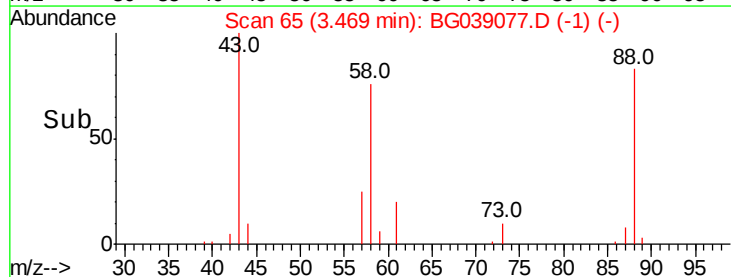
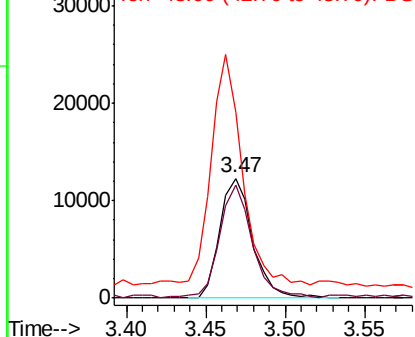
#2

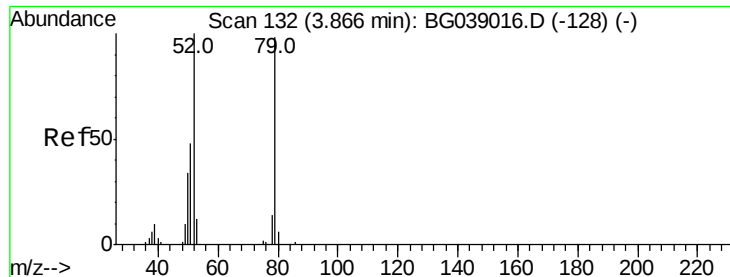
1,4-Dioxane
Concen: 34.406 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion: 88 Resp: 17559
Ion Ratio Lower Upper
88 100
58 95.8 72.4 108.6
43 187.5 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: 33.035 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

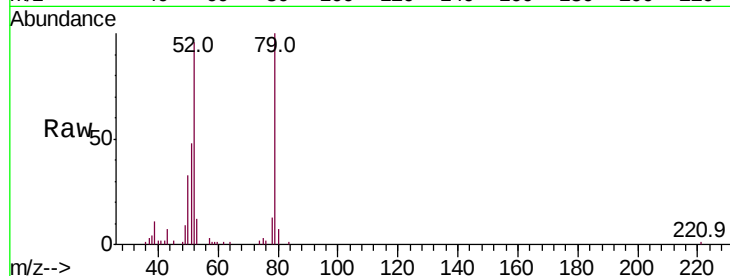
Tot Ion: 79 Resp: 45811

Ion Ratio Lower Upper

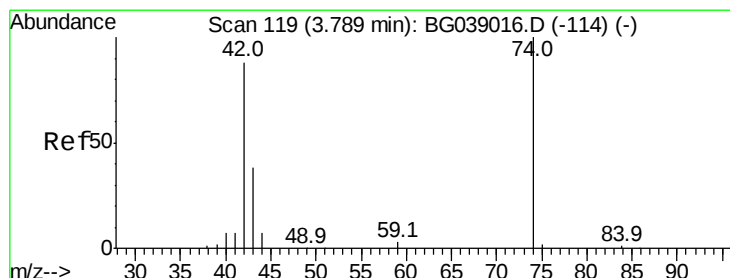
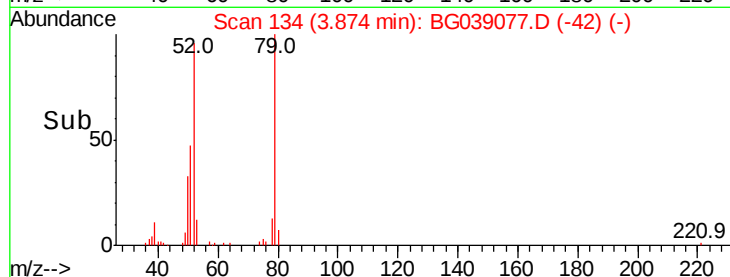
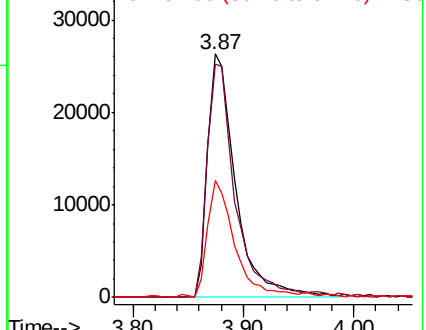
79 100

52 95.7 81.5 122.3

51 48.0 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: 45.680 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

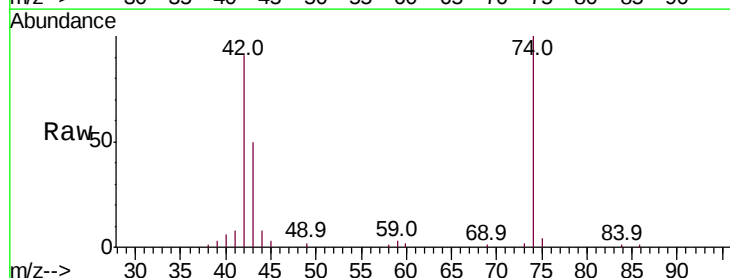
Tgt Ion: 42 Resp: 28505

Ion Ratio Lower Upper

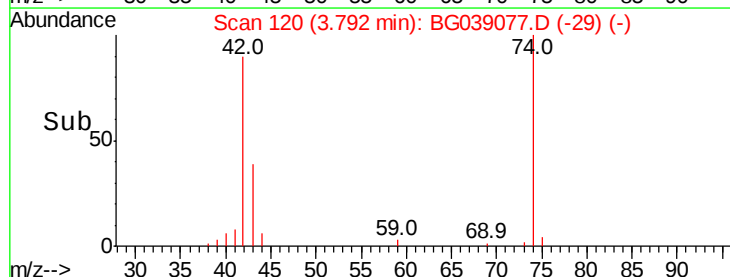
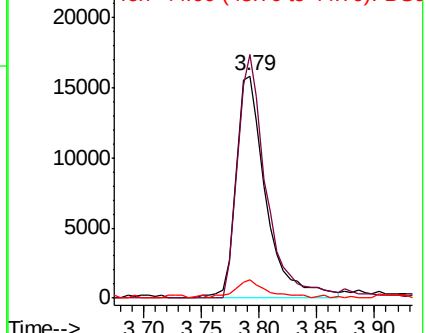
42 100

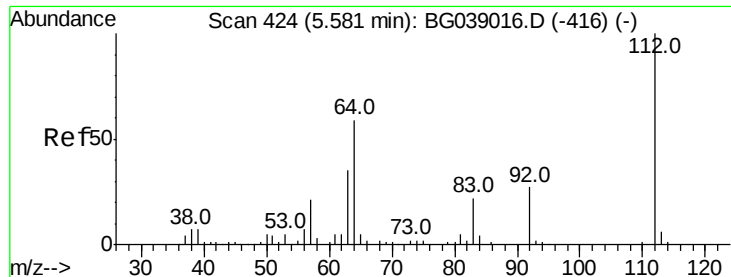
74 109.6 90.7 136.1

44 8.3 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: 126.960 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

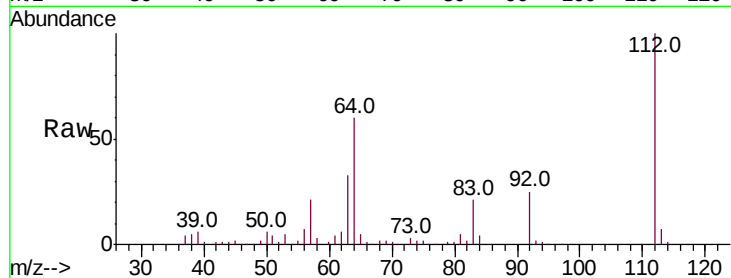
Tot Ion: 112 Resp: 165458

Ion Ratio Lower Upper

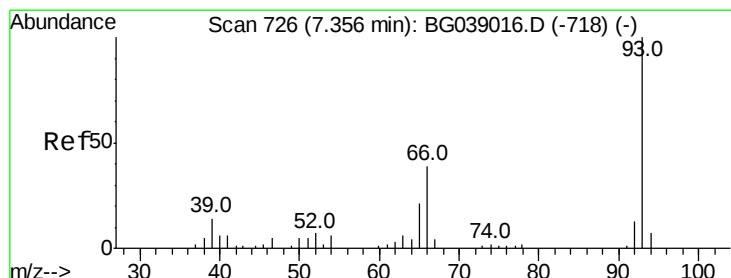
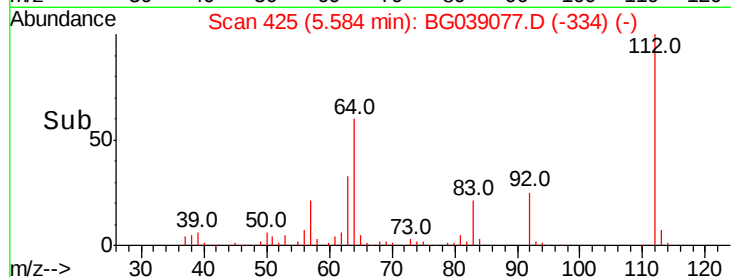
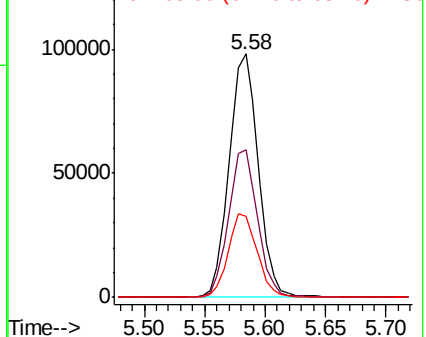
112 100

64 60.5 47.0 70.6

63 33.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.283 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

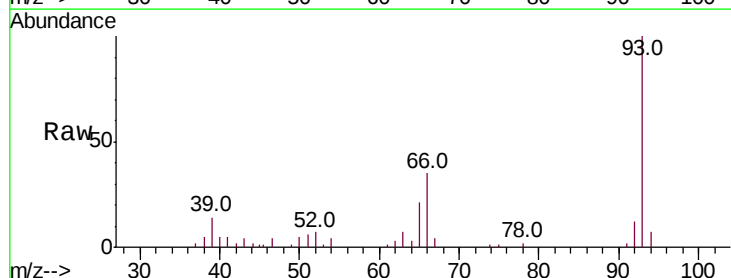
Tgt Ion: 93 Resp: 27666

Ion Ratio Lower Upper

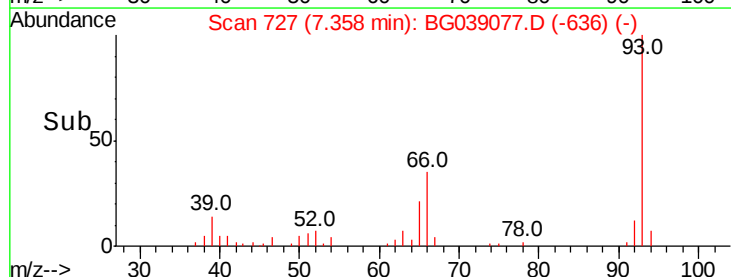
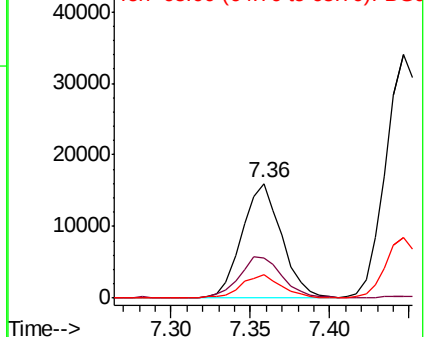
93 100

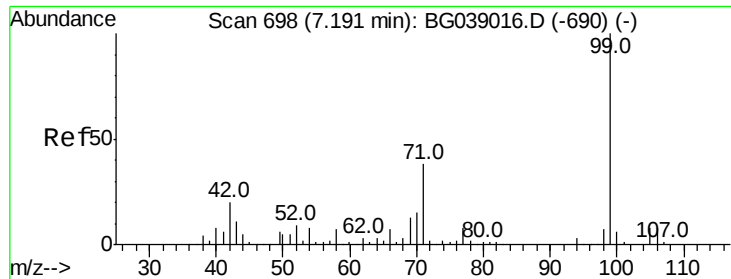
66 34.6 30.9 46.3

65 20.8 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.767 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039077.D

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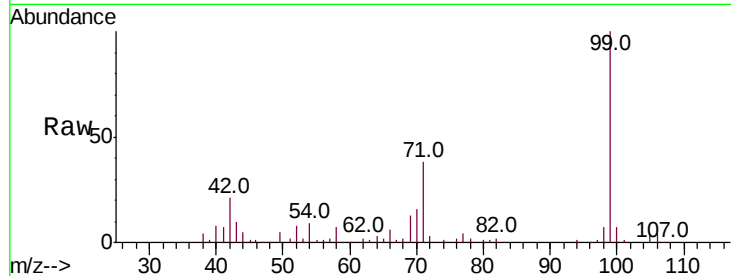
Tot Ion: 99 Resp: 211496

Ion Ratio Lower Upper

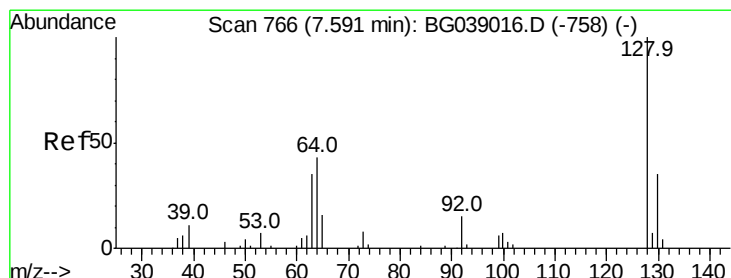
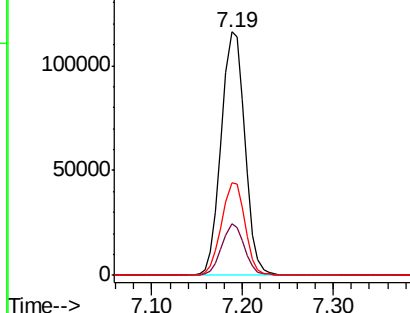
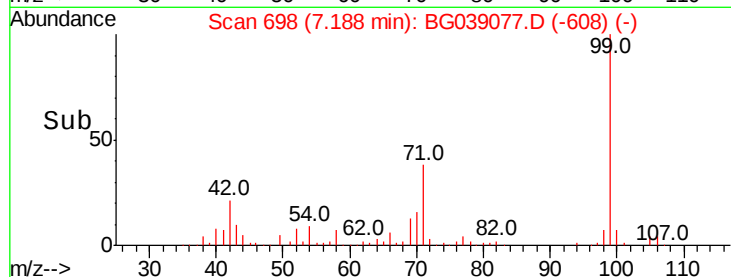
99 100

42 21.3 15.8 23.6

71 37.8 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: 42.773 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

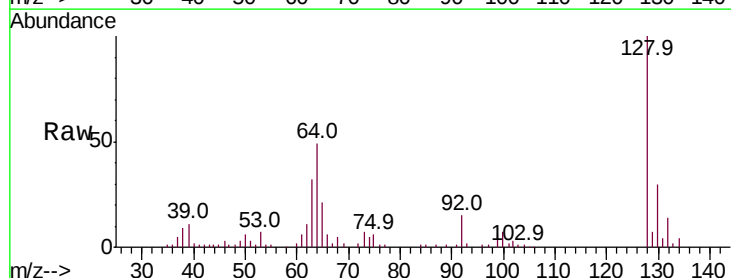
Tgt Ion: 128 Resp: 65710

Ion Ratio Lower Upper

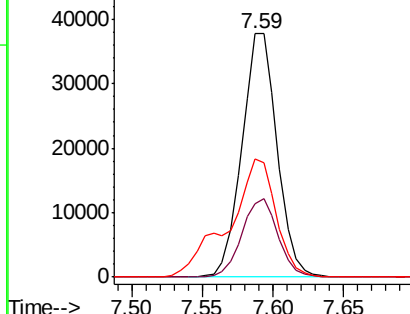
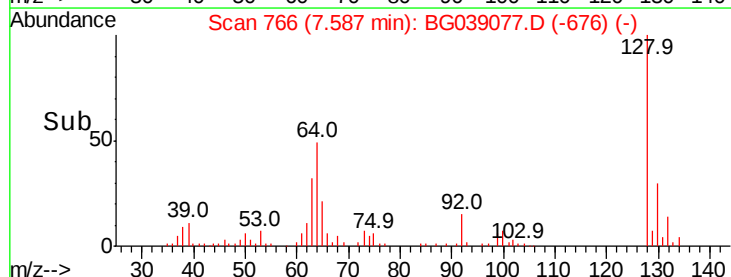
128 100

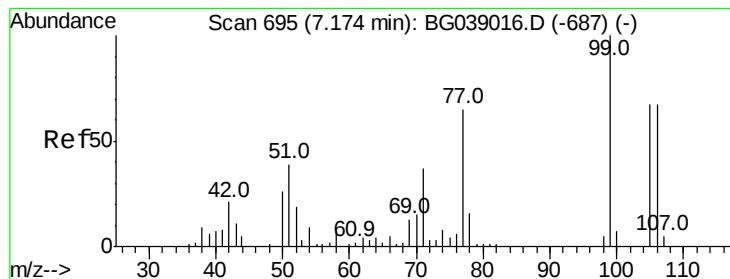
130 30.1 14.5 54.5

64 48.7 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: 20.309 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

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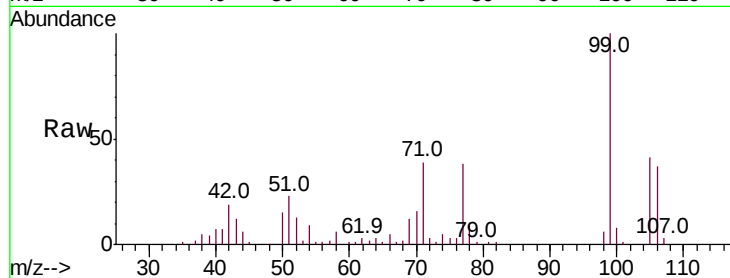
Tot Ion: 77 Resp: 21966

Ion Ratio Lower Upper

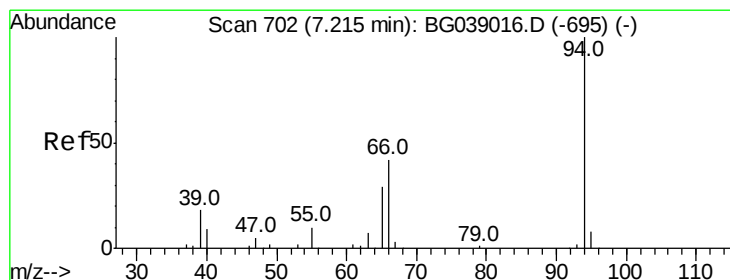
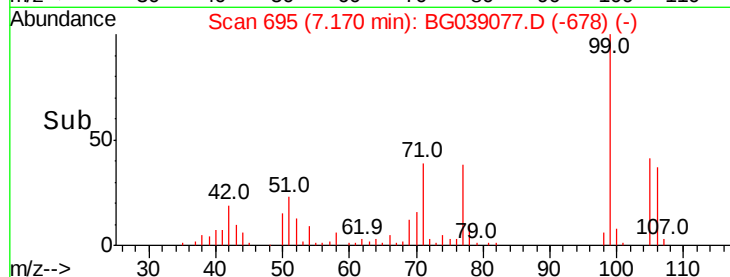
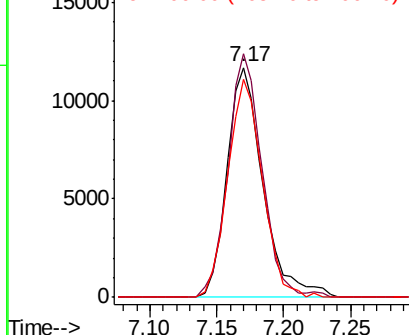
77 100

105 106.0 82.4 122.4

106 95.2 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: 38.411 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

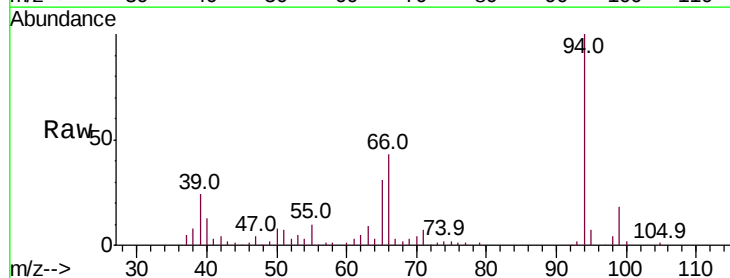
Tgt Ion: 94 Resp: 72226

Ion Ratio Lower Upper

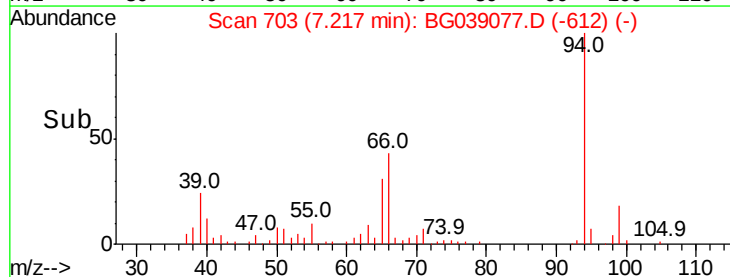
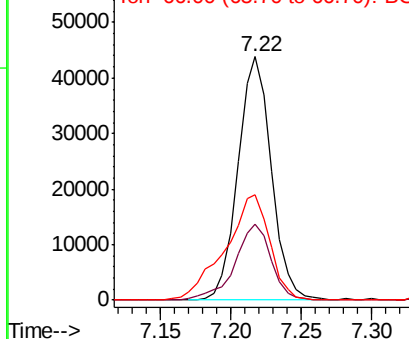
94 100

65 31.2 10.3 50.3

66 43.4 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: 38.921 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

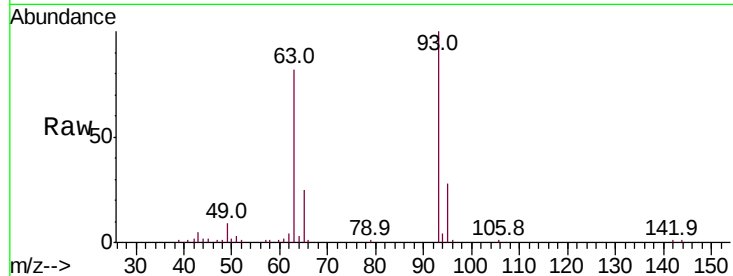
Tot Ion: 93 Resp: 55935

Ion Ratio Lower Upper

93 100

63 82.1 63.2 103.2

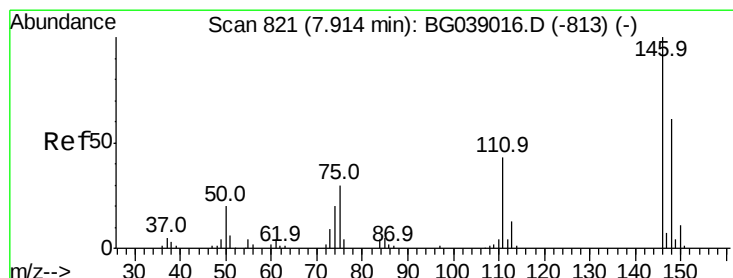
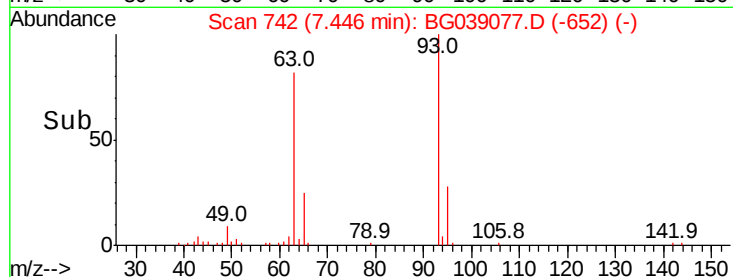
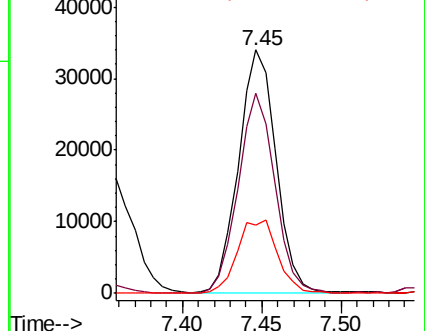
95 28.2 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BG039016.D (-735) (-)

Ion 63.00 (62.70 to 63.70): BG039016.D (-735) (-)

Ion 95.00 (94.70 to 95.70): BG039016.D (-735) (-)



#12

1,3-Dichlorobenzene

Concen: 37.919 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

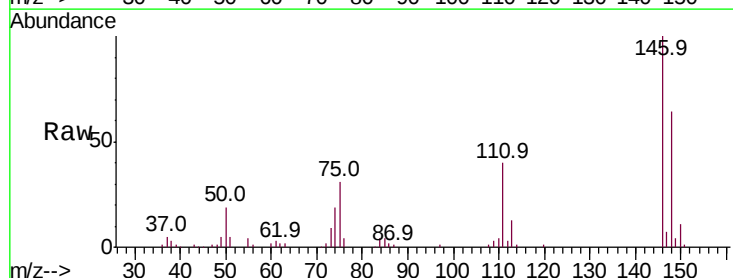
Tgt Ion: 146 Resp: 69793

Ion Ratio Lower Upper

146 100

148 64.3 49.1 73.7

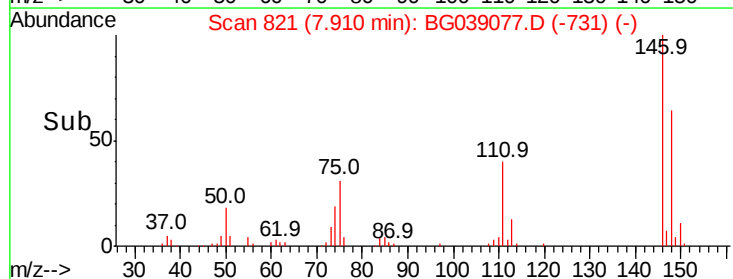
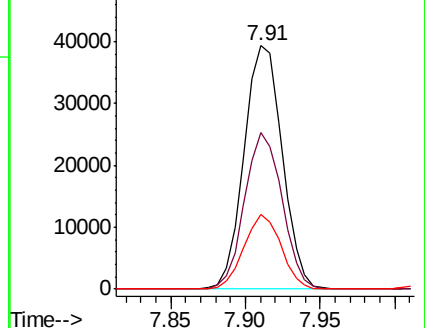
75 30.9 23.9 35.9

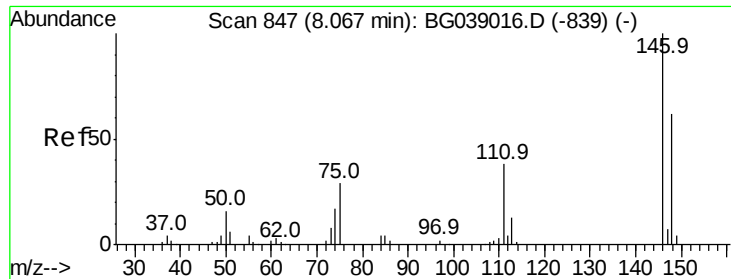


Abundance Ion 146.00 (145.70 to 146.70): BG039016.D (-813) (-)

Ion 148.00 (147.70 to 148.70): BG039016.D (-813) (-)

Ion 75.00 (74.70 to 75.70): BG039016.D (-813) (-)





#13

1,4-Dichlorobenzene

Concen: 38.818 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

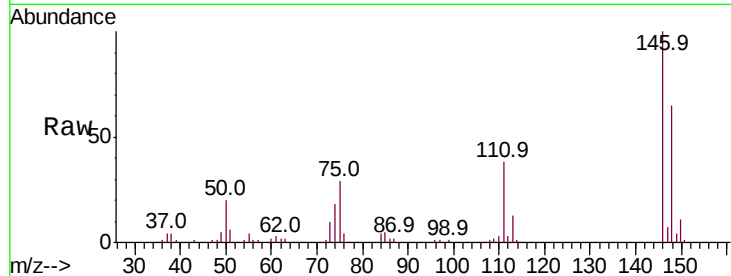
Tot Ion:146 Resp: 72361

Ion Ratio Lower Upper

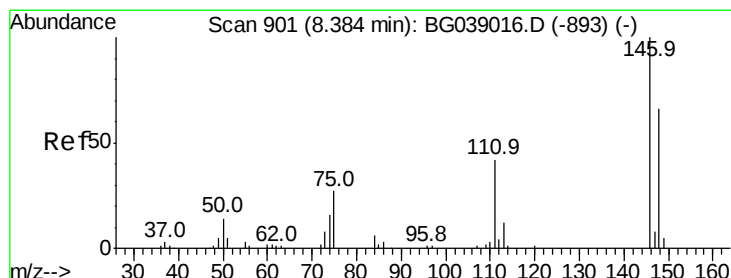
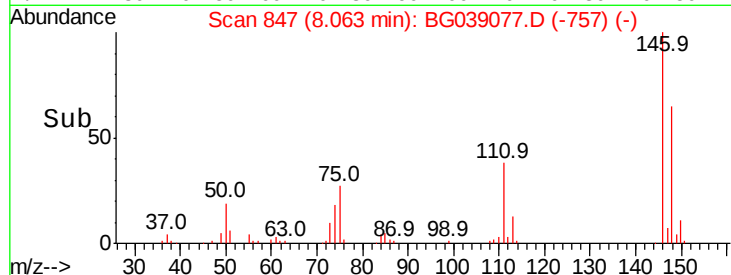
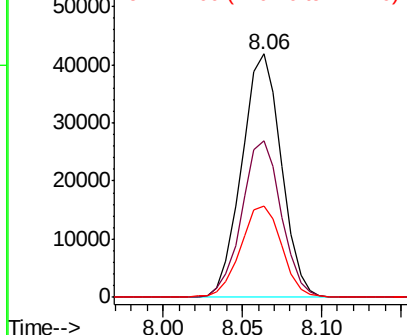
146 100

148 64.5 49.8 74.6

111 37.5 30.6 45.8



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



#14

1,2-Dichlorobenzene

Concen: 39.129 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

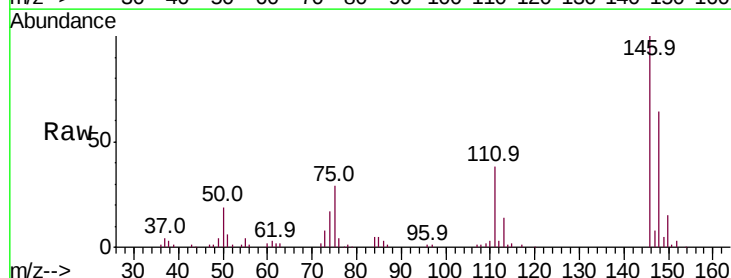
Tgt Ion:146 Resp: 69546

Ion Ratio Lower Upper

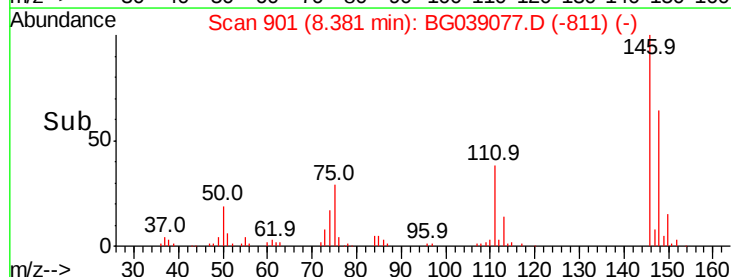
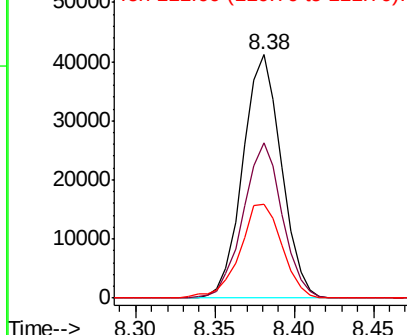
146 100

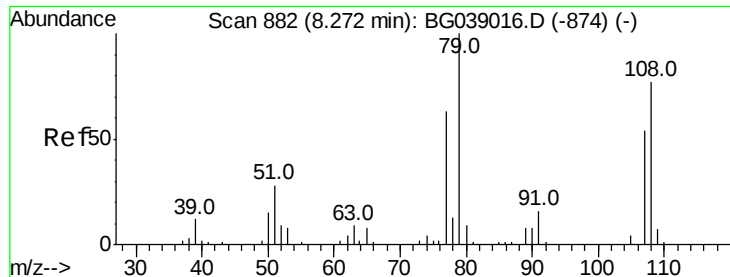
148 63.7 52.6 79.0

111 38.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.583 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampled :

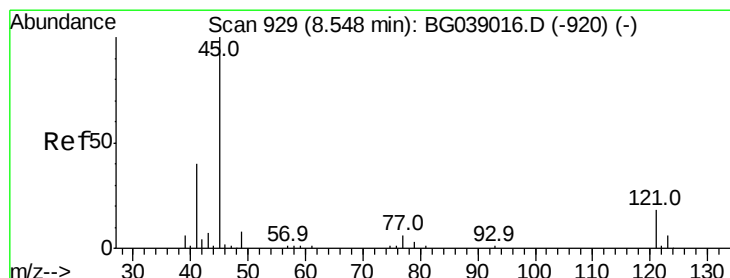
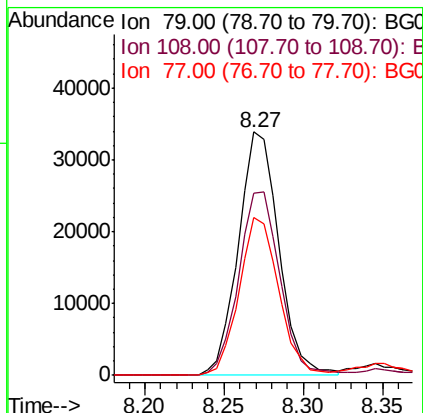
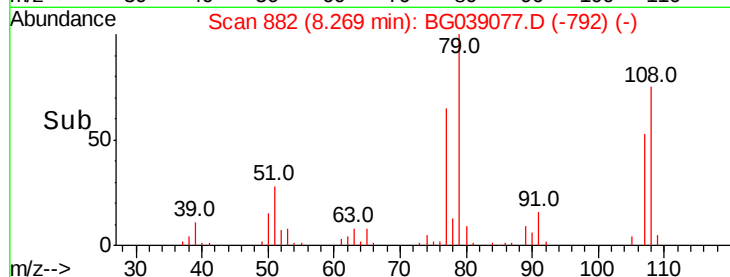
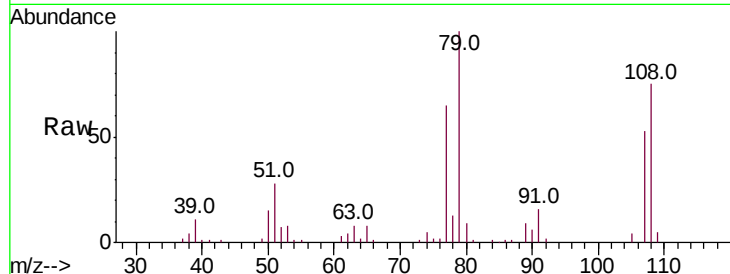
Tot Ion: 79 Resp: 60145

Ion Ratio Lower Upper

79 100

108 74.8 62.0 93.0

77 64.7 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.726 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

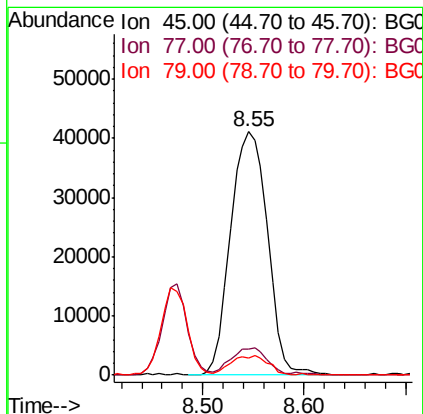
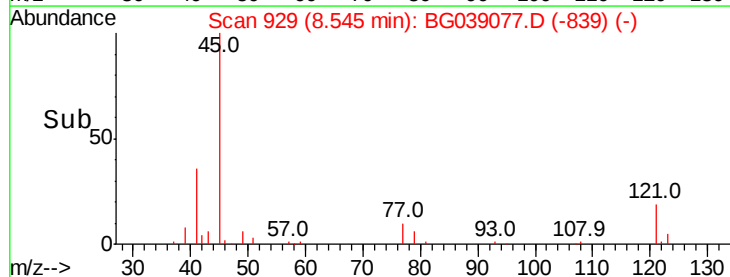
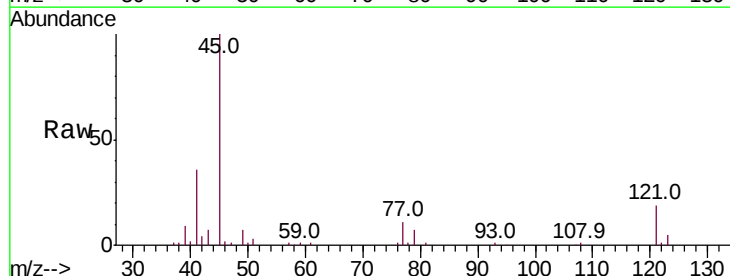
Tgt Ion: 45 Resp: 103963

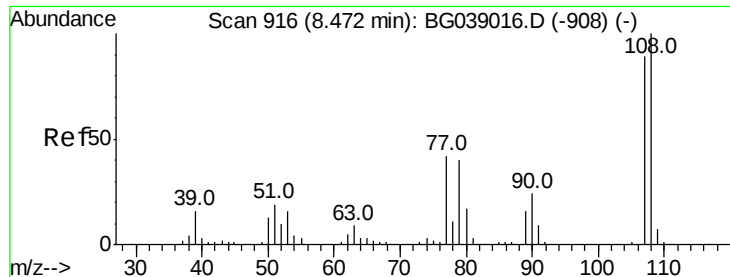
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.7

79 7.1 0.0 28.5

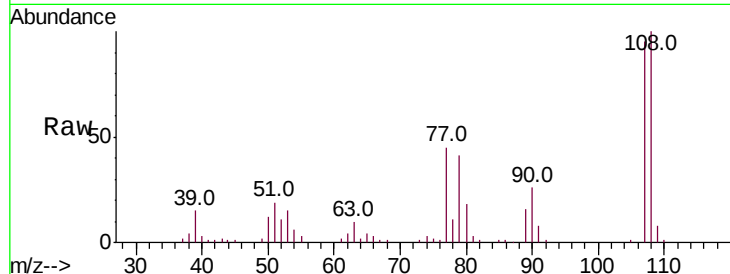




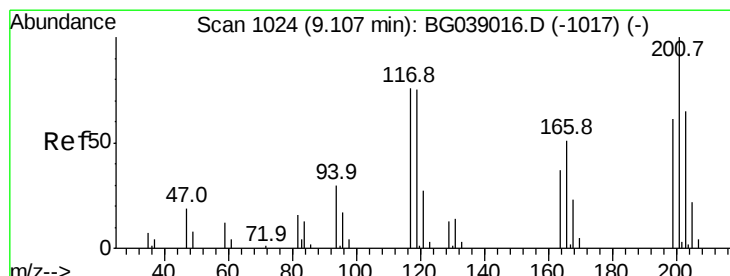
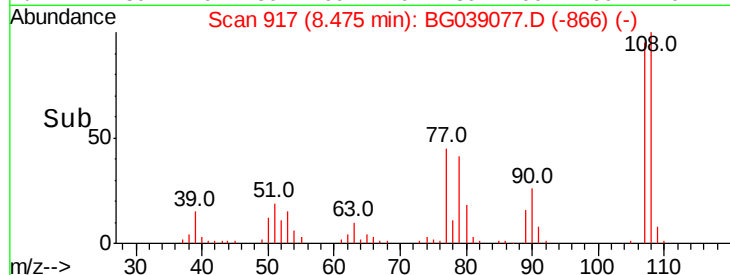
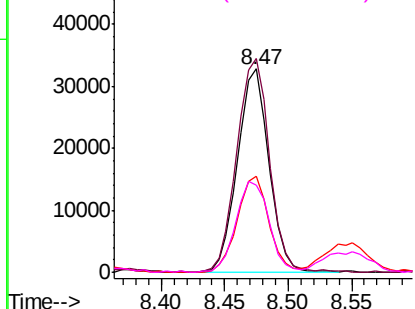
#17
2-Methylphenol
Concen: 43.320 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 56562
Ion Ratio Lower Upper
107 100
108 105.0 90.3 135.5
77 47.3 38.3 57.5
79 43.1 35.8 53.6

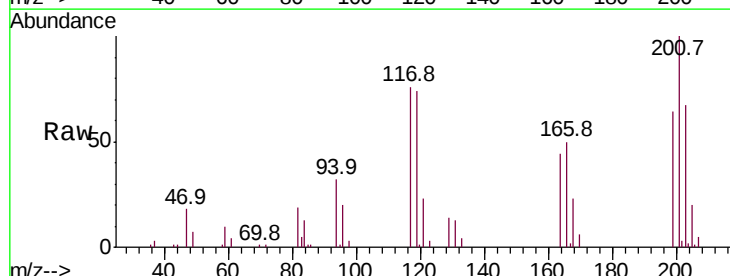


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

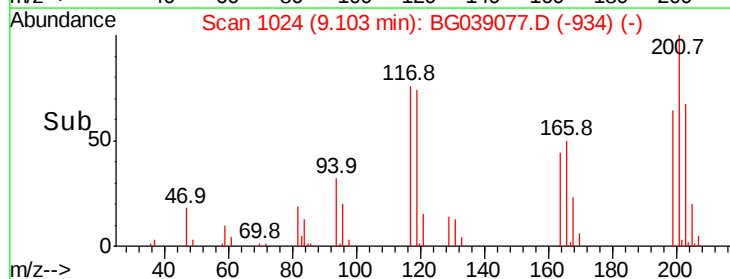
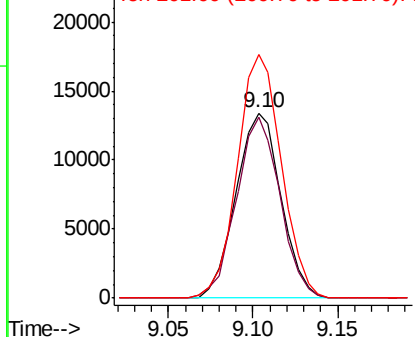


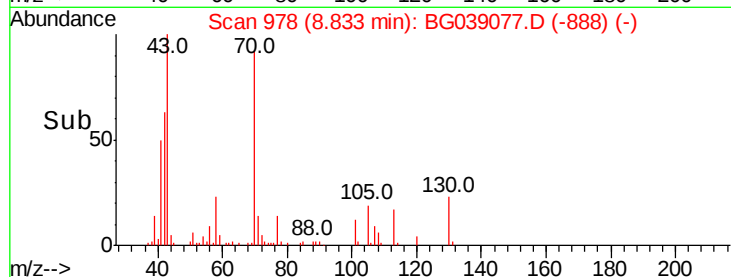
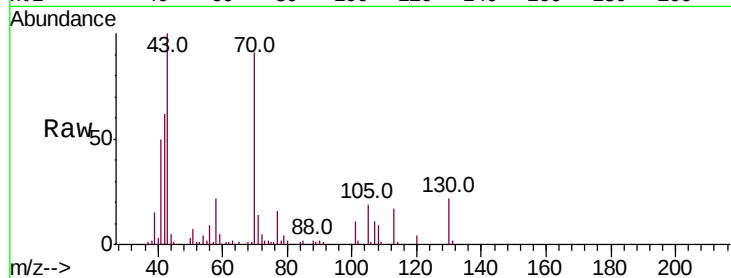
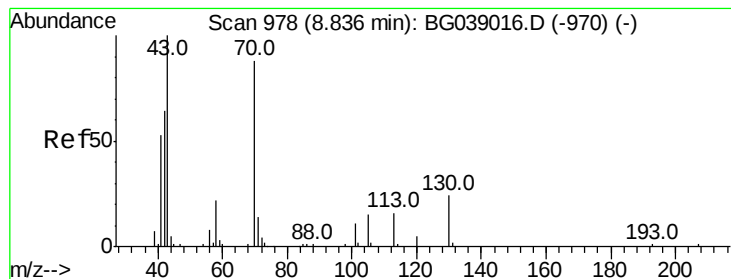
#18
Hexachloroethane
Concen: 38.974 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:117 Resp: 24682
Ion Ratio Lower Upper
117 100
119 97.6 78.7 118.1
201 131.6 108.1 162.1



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: 38.118 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 46946

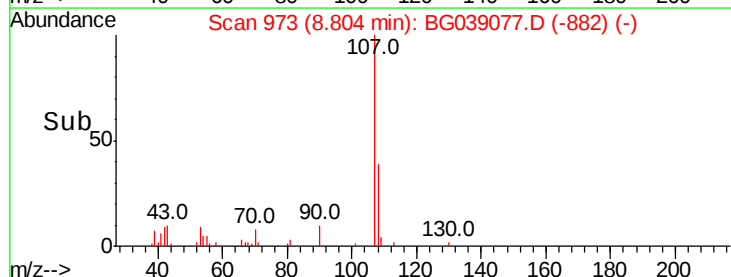
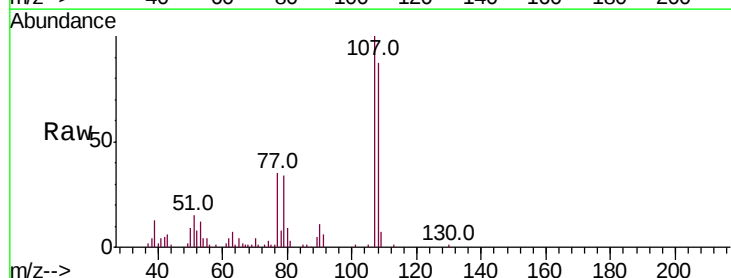
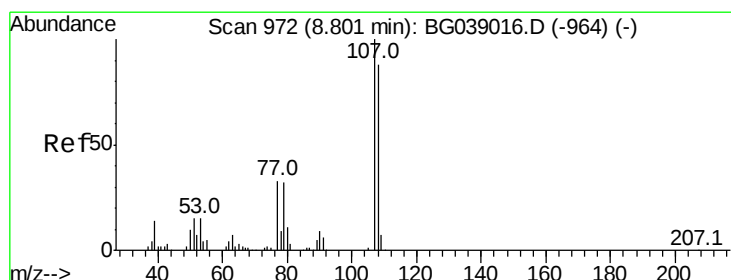
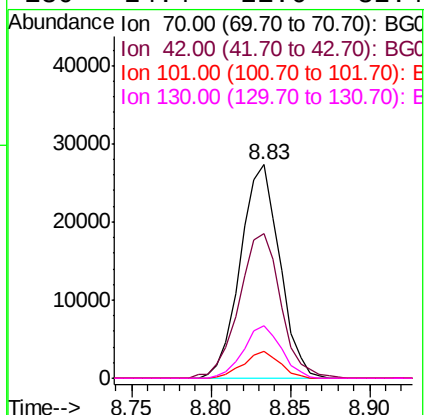
Ion	Ratio	Lower	Upper
70	100		
42	67.6	59.0	88.4
101	12.5	10.4	15.6
130	24.4	21.6	32.4

70 100

42 67.6 59.0 88.4

101 12.5 10.4 15.6

130 24.4 21.6 32.4



#20

3+4-Methylphenols

Concen: 40.973 ng

RT: 8.80 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion: 107 Resp: 76273

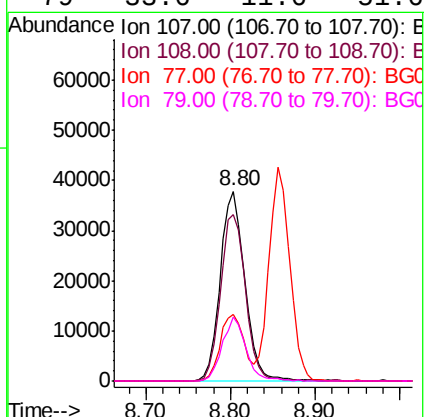
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.4	108.4
77	35.0	13.3	53.3
79	33.6	11.6	51.6

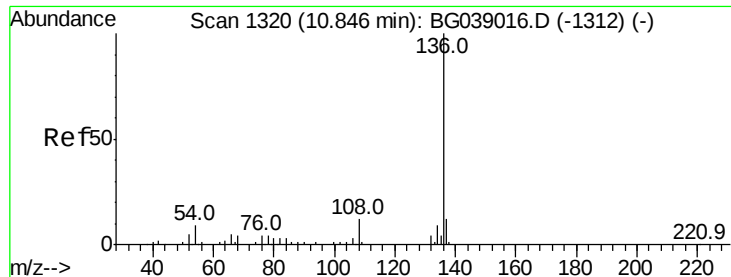
107 100

108 87.4 68.4 108.4

77 35.0 13.3 53.3

79 33.6 11.6 51.6

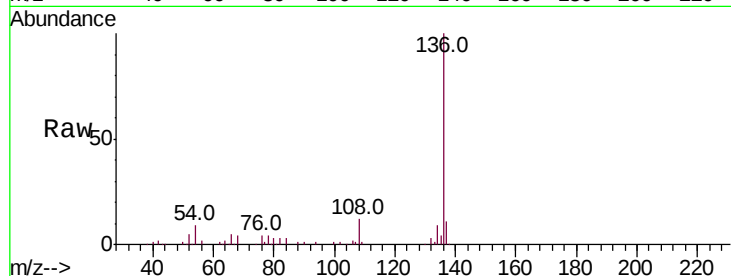




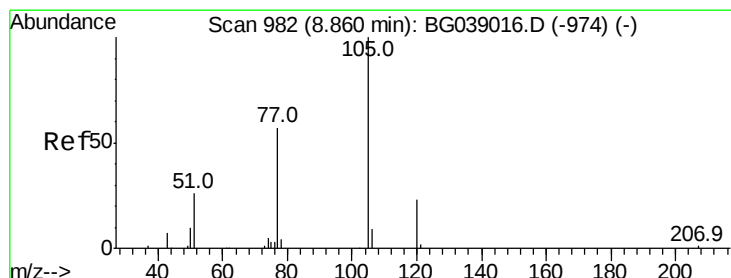
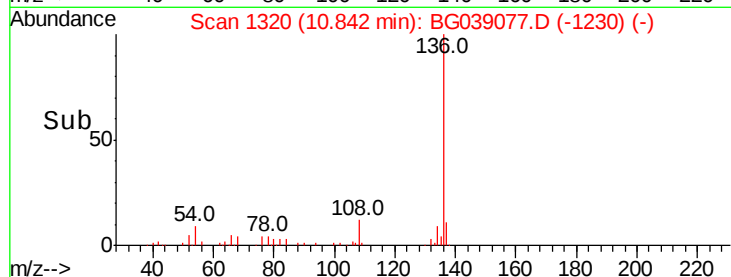
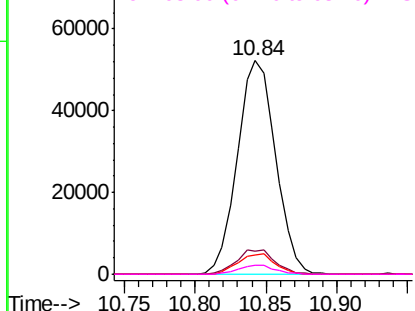
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	98975
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.4 14.2
54	9.0	7.2 10.8
68	4.4	3.5 5.3

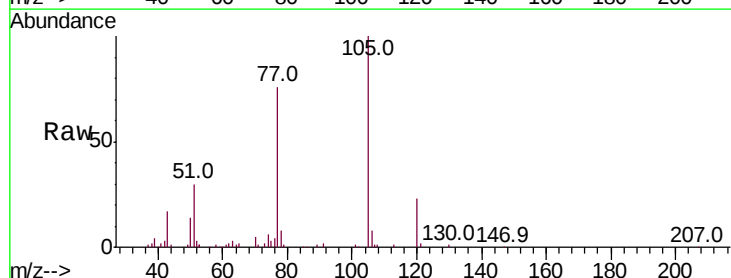


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

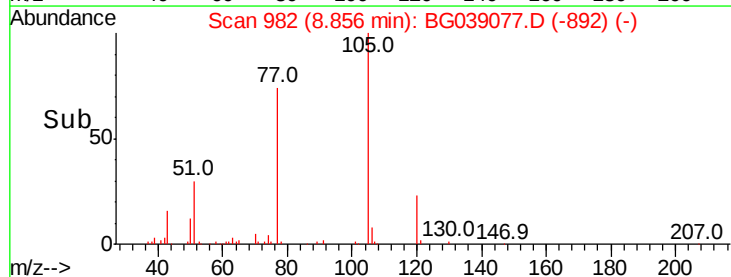
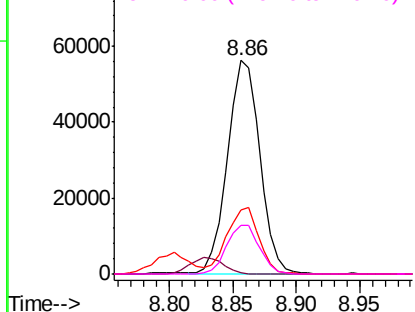


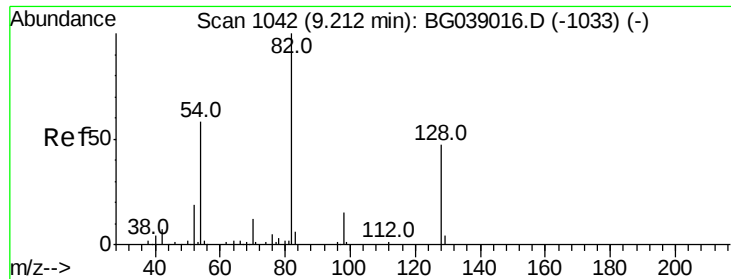
#22
Acetophenone
Concen: 38.578 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:105	Resp:	99714
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.6 1.0
51	30.3	26.6 39.8
120	23.1	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

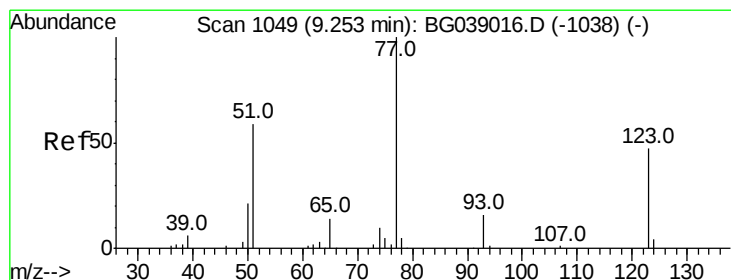
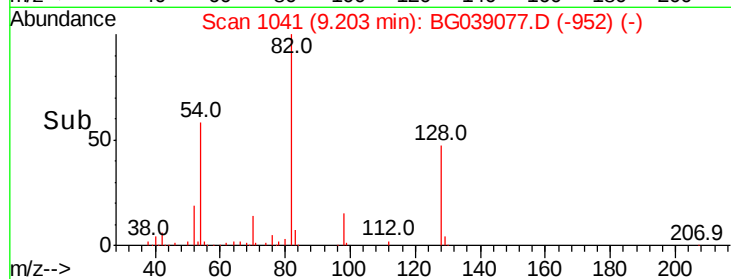
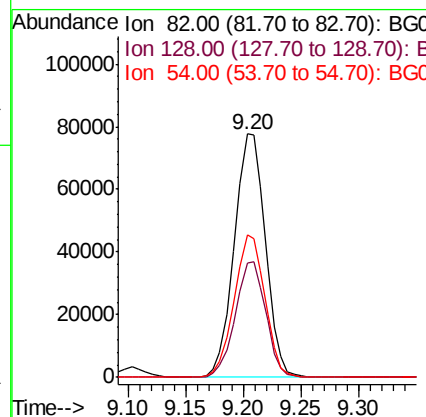
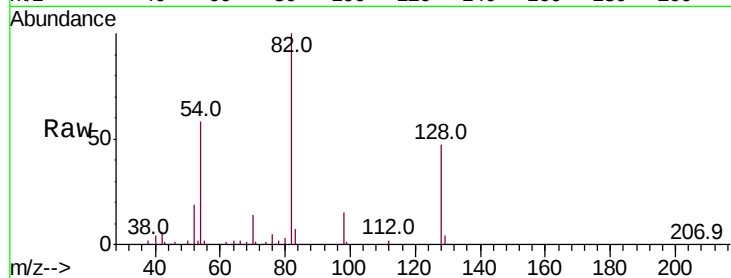




#23
Nitrobenzene-d5
Concen: 80.196 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

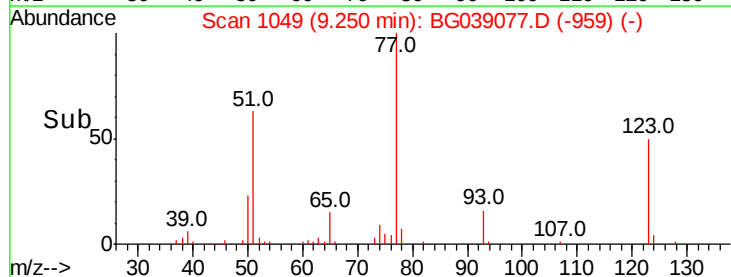
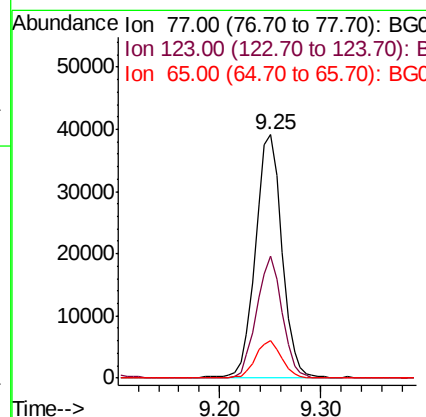
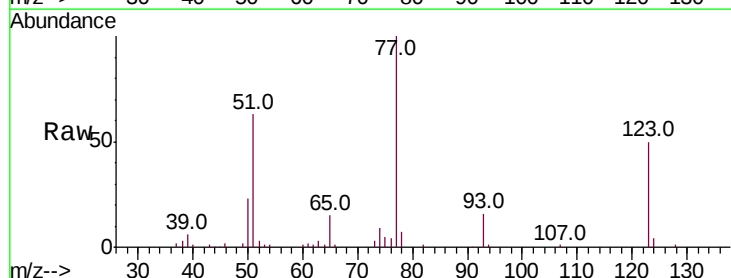
Instrument :
BNA_G
ClientSampled :

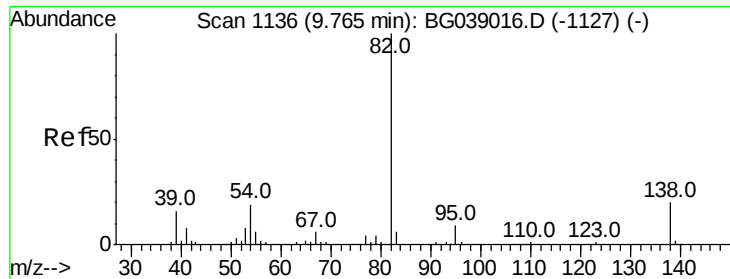
Tot Ion: 82 Resp: 145057
Ion Ratio Lower Upper
82 100
128 47.1 37.3 55.9
54 58.4 46.4 69.6



#24
Nitrobenzene
Concen: 38.844 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion: 77 Resp: 71016
Ion Ratio Lower Upper
77 100
123 50.1 37.6 56.4
65 15.3 11.0 16.6





#25

Isophorone

Concen: 44.308 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampled :

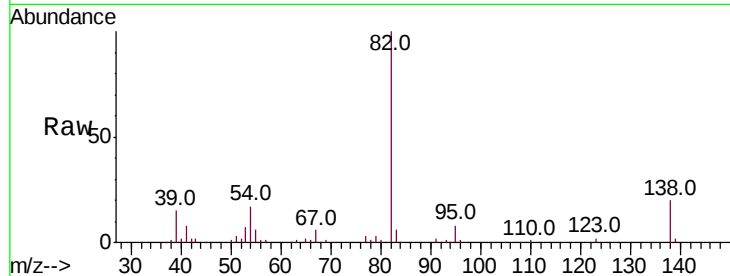
Tot Ion: 82 Resp: 138051

Ion Ratio Lower Upper

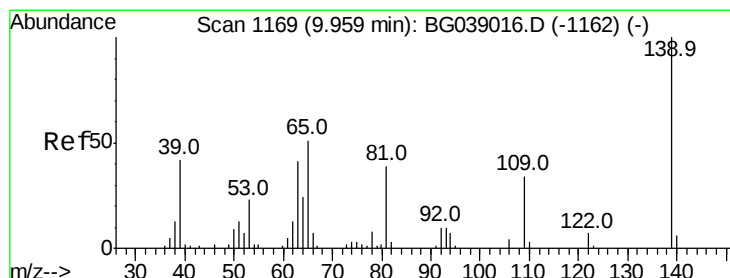
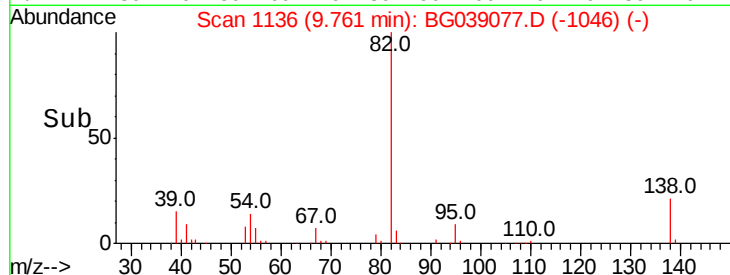
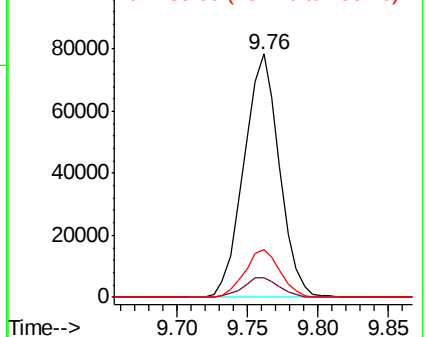
82 100

95 8.2 7.0 10.6

138 19.6 16.2 24.4



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



#26

2-Nitrophenol

Concen: 39.874 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

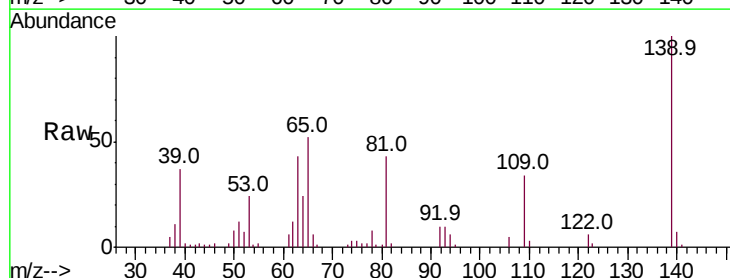
Tgt Ion: 139 Resp: 39431

Ion Ratio Lower Upper

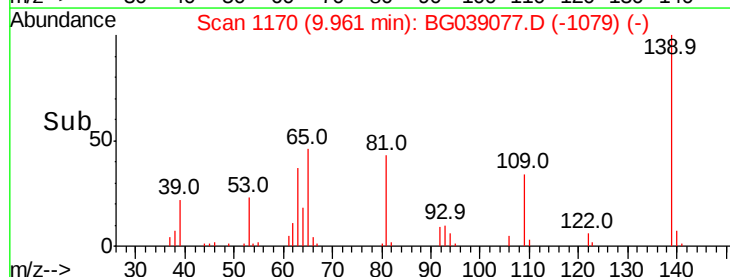
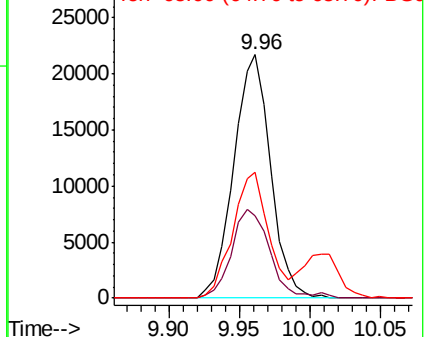
139 100

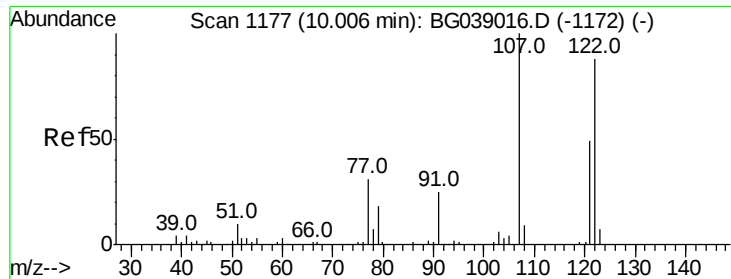
109 33.9 27.3 40.9

65 51.7 40.6 61.0



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

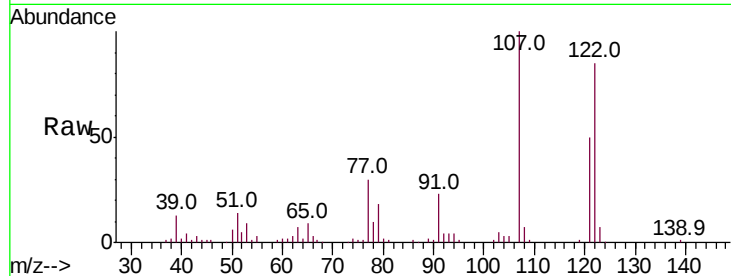




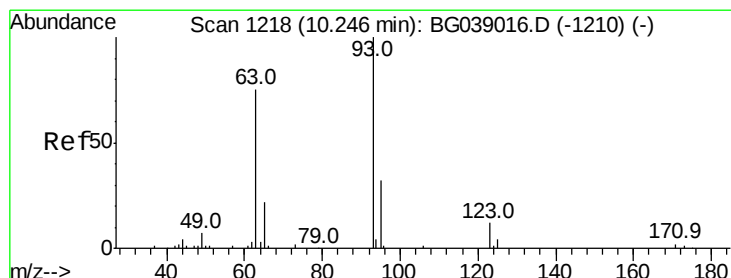
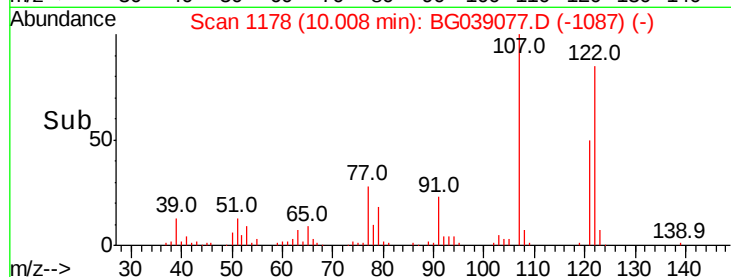
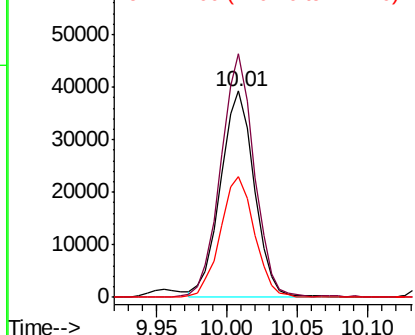
#27
2,4-Dimethylphenol
Concen: 47.092 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 65516
Ion Ratio Lower Upper
122 100
107 118.2 88.8 133.2
121 58.6 43.1 64.7

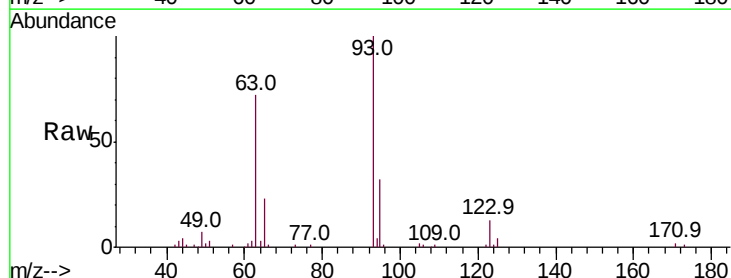


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

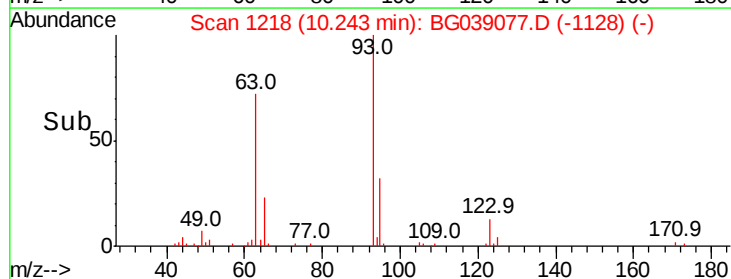
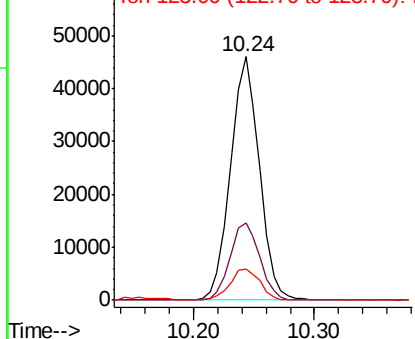


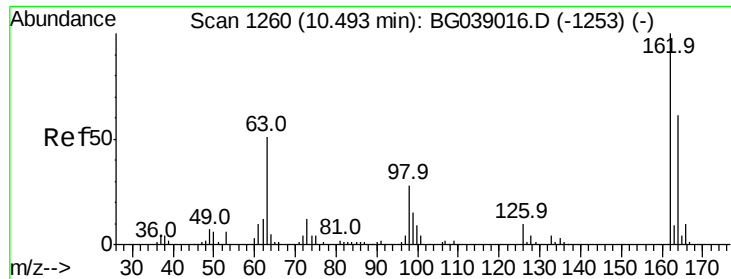
#28
bis(2-Chloroethoxy)methane
Concen: 40.784 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion: 93 Resp: 76370
Ion Ratio Lower Upper
93 100
95 31.6 25.6 38.4
123 12.6 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

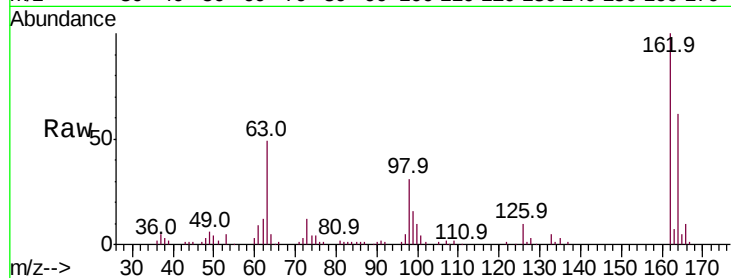




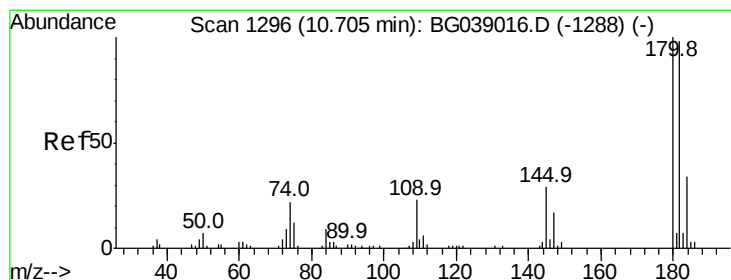
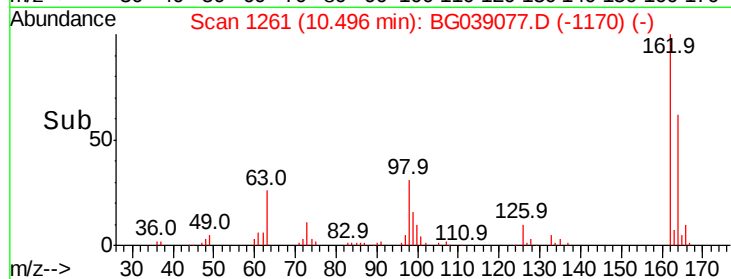
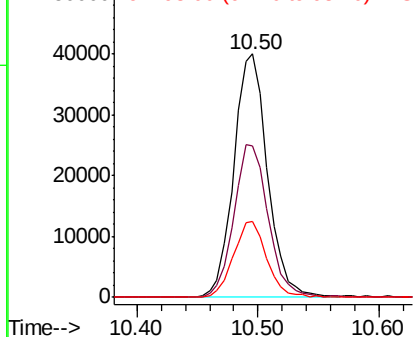
#29
 2,4-Dichlorophenol
 Concen: 44.942 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	41.3	81.3
98	31.0	8.3	48.3

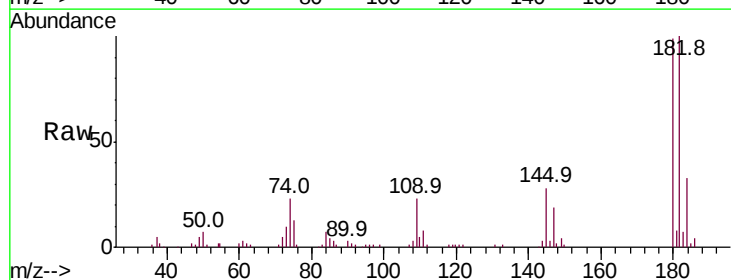


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

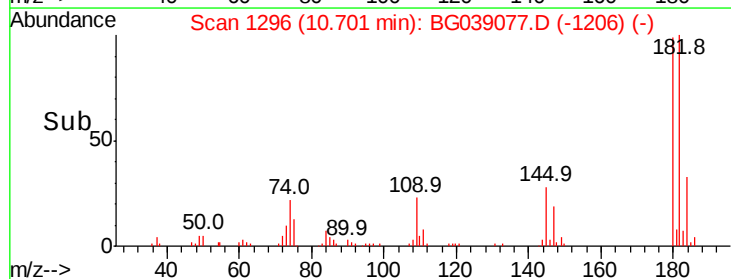
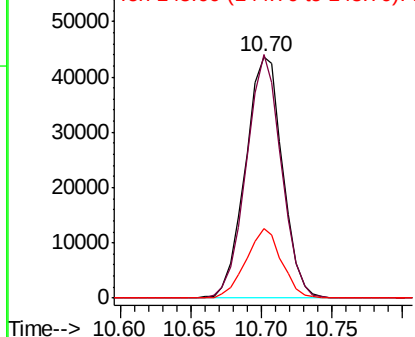


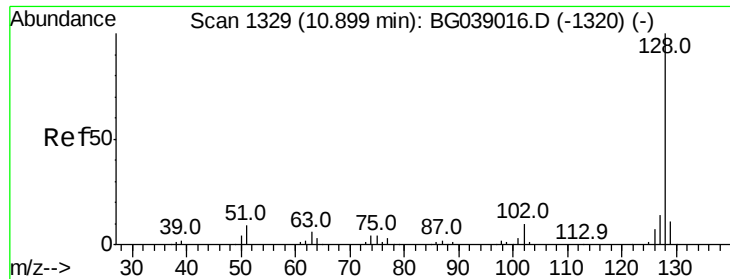
#30
 1,2,4-Trichlorobenzene
 Concen: 38.648 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	78.1	117.1
145	28.6	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

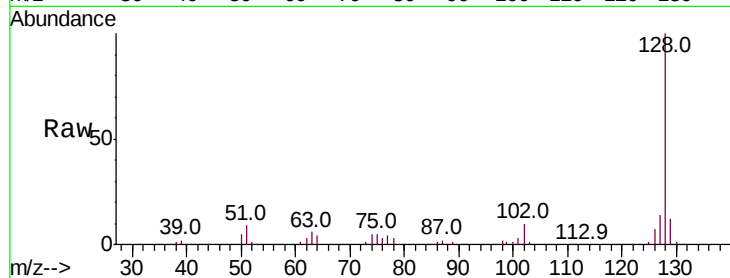




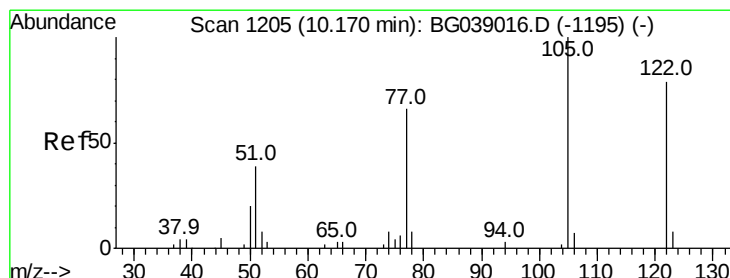
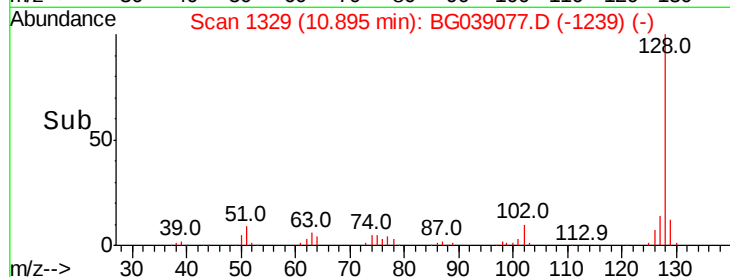
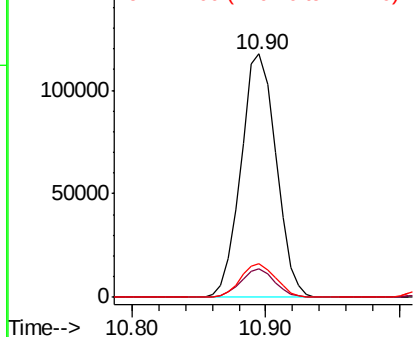
#31
Naphthalene
Concen: 43.098 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 213942
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 11.2 16.8

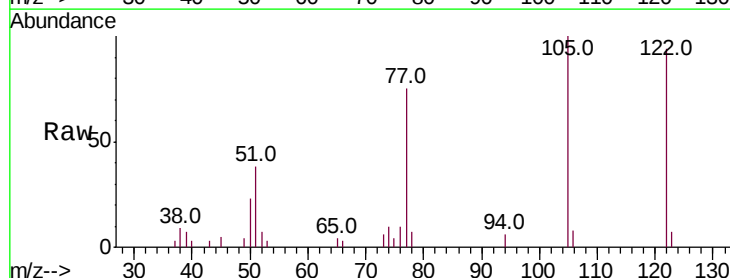


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

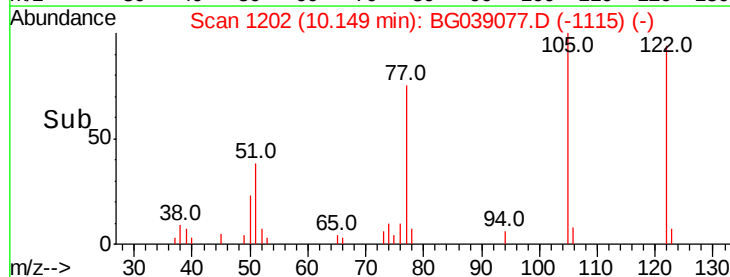
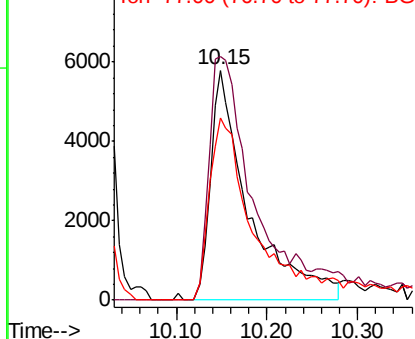


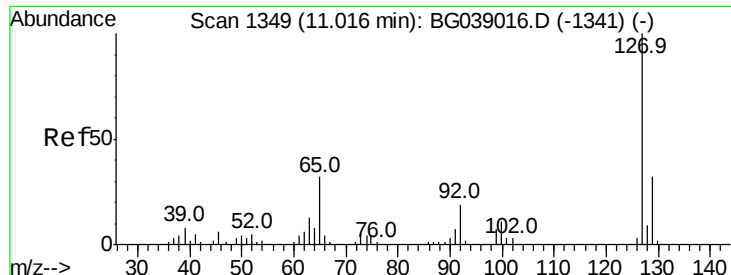
#32
Benzoic acid
Concen: 25.483 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:122 Resp: 17083
Ion Ratio Lower Upper
122 100
105 105.9 106.4 146.4#
77 79.5 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): BGC

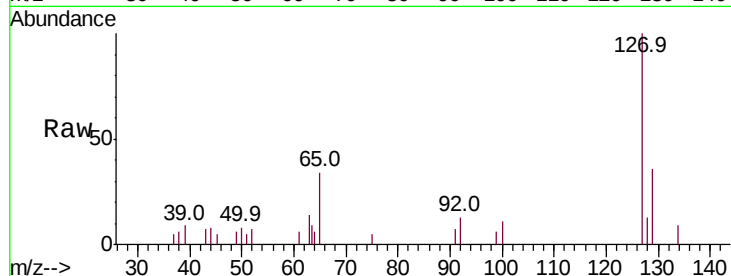




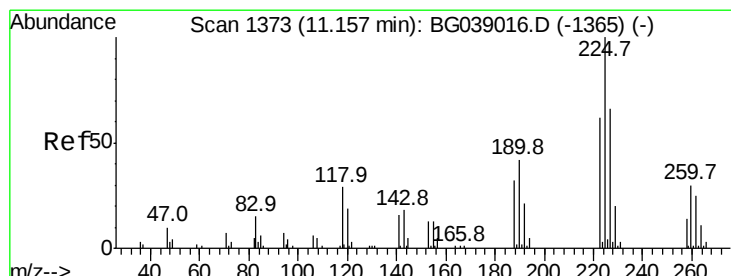
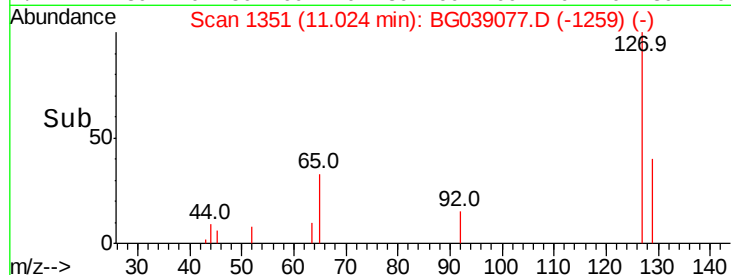
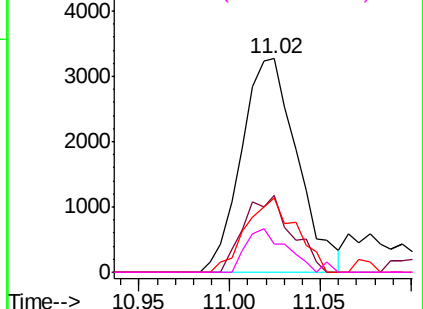
#33
4-Chloroaniline
Concen: 3.159 ng
RT: 11.02 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 7017
Ion Ratio Lower Upper
127 100
129 35.7 25.4 38.0
65 34.5 25.4 38.0
92 13.1 15.2 22.8#

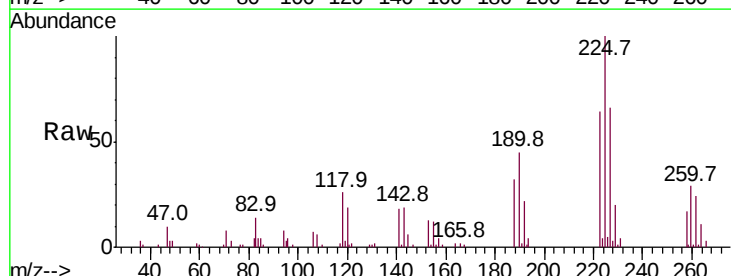


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

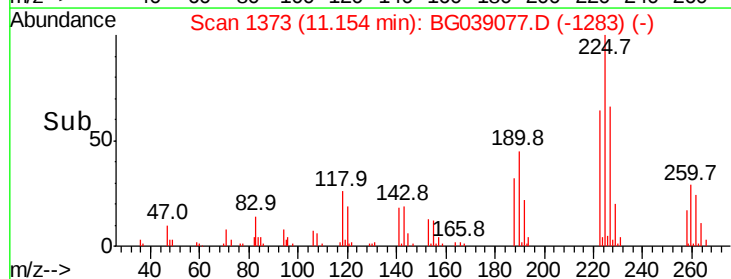
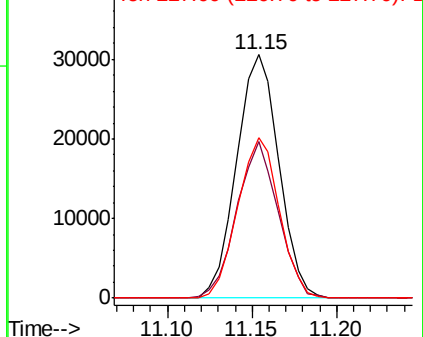


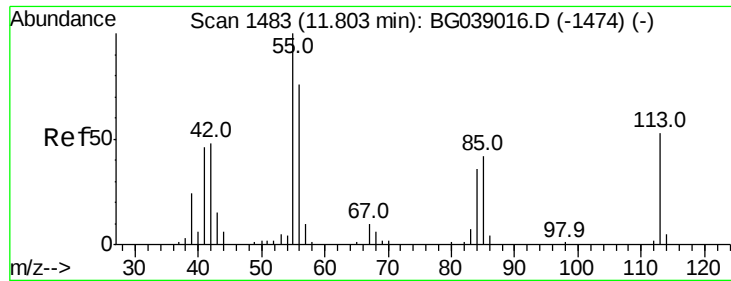
#34
Hexachlorobutadiene
Concen: 37.234 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:225 Resp: 53206
Ion Ratio Lower Upper
225 100
223 61.2 50.2 75.4
227 65.1 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: 15.896 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampled :

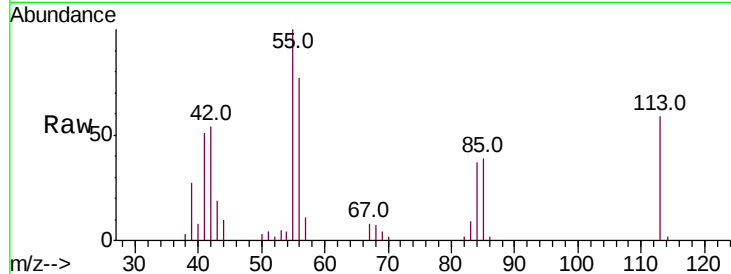
Tot Ion:113 Resp: 11017

Ion Ratio Lower Upper

113 100

55 169.5 168.6 208.6

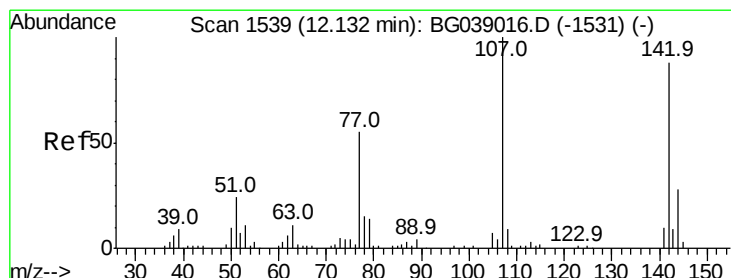
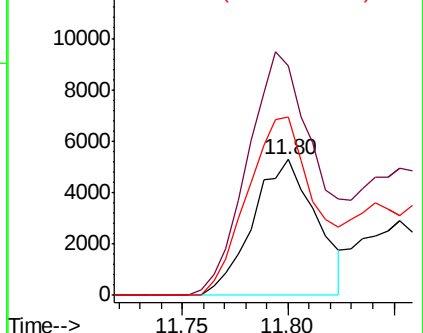
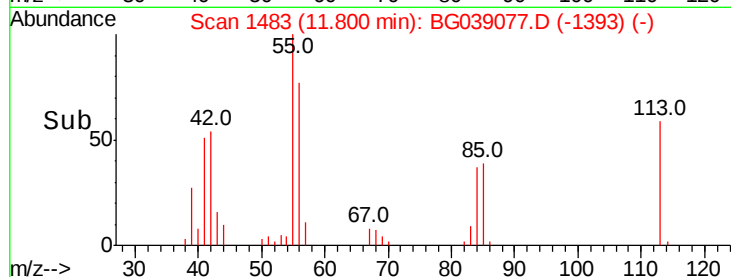
56 131.2 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039016.D (-1474) (-)

Ion 56.00 (55.70 to 56.70): BG039016.D (-1474) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.328 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

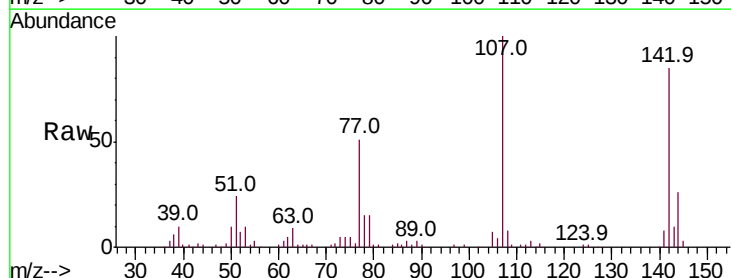
Tgt Ion:107 Resp: 78247

Ion Ratio Lower Upper

107 100

144 26.2 22.6 34.0

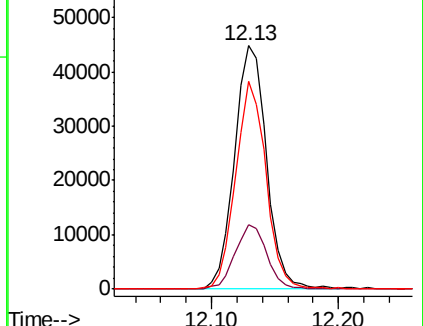
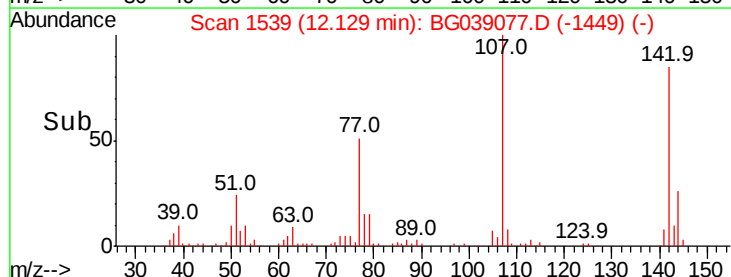
142 85.3 70.2 105.4

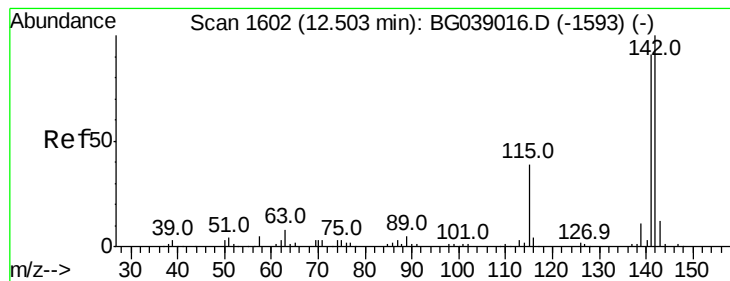


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

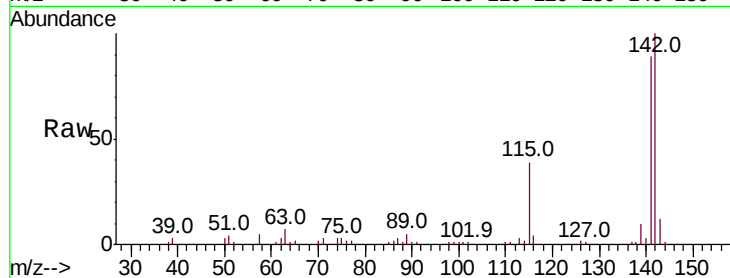




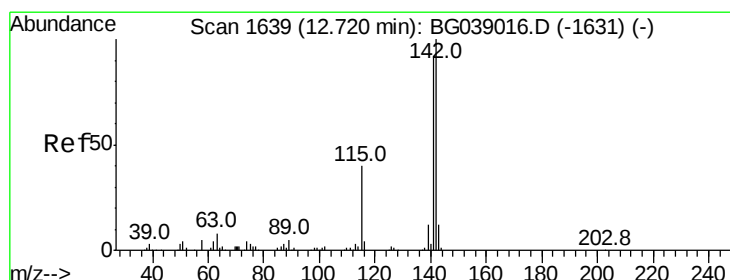
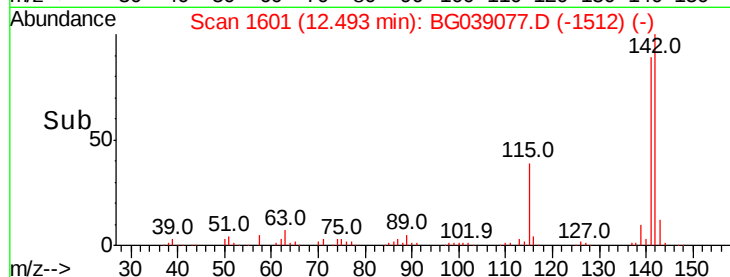
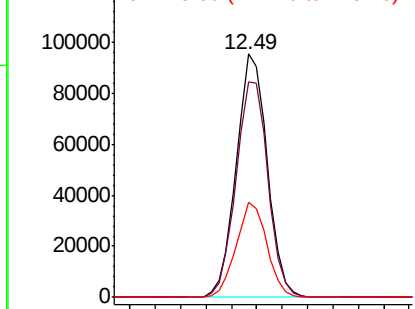
#37
 2-Methylnaphthalene
 Concen: 43.348 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 161331
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.6 109.0
 115 39.1 31.1 46.7

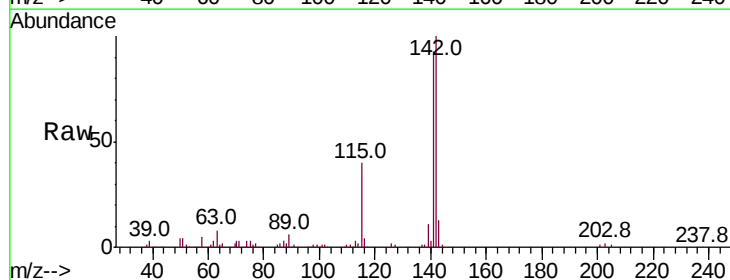


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

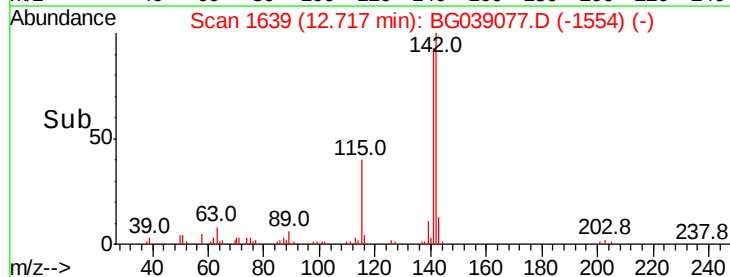
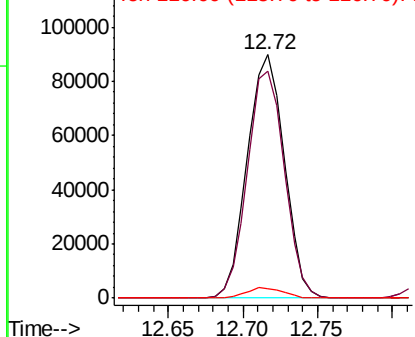


#38
 1-Methylnaphthalene
 Concen: 43.111 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion:142 Resp: 154004
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.3 109.9
 116 3.8 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: BG039077.D

Acq: 11 Jan 2019 7:06

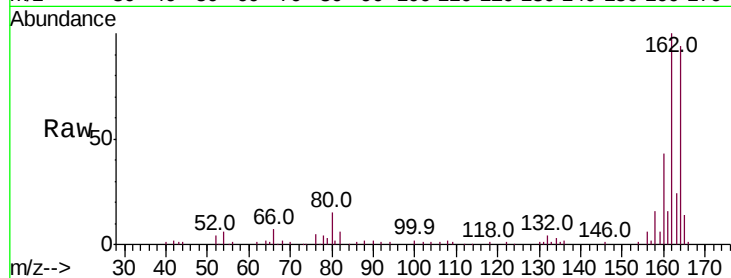
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 69097

Ion	Ratio	Lower	Upper
164	100		
162	106.2	87.2	130.8
160	45.4	33.3	49.9

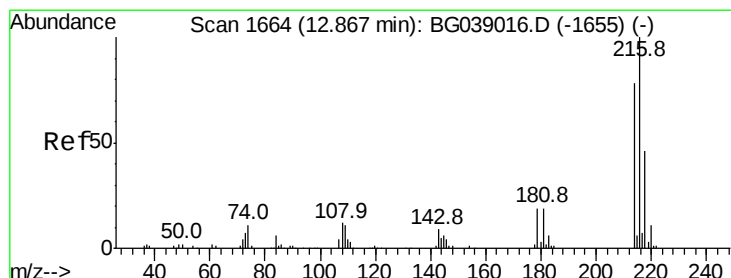
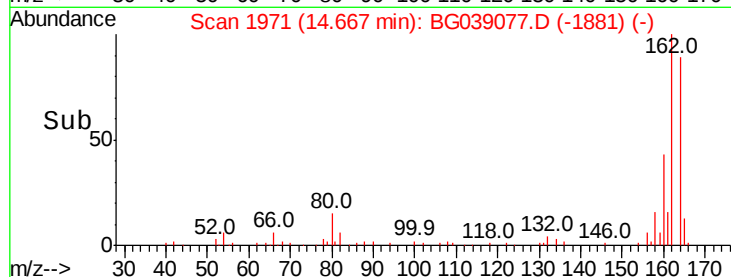
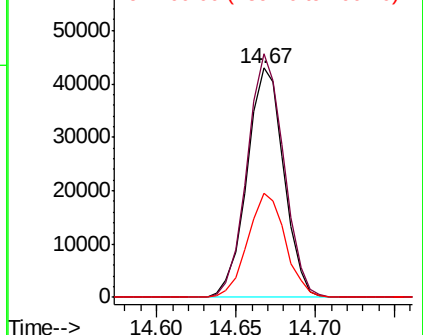


Abundance

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: 40.021 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:216 Resp: 103855

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	19.0	15.5	23.3
108	12.8	11.4	17.2

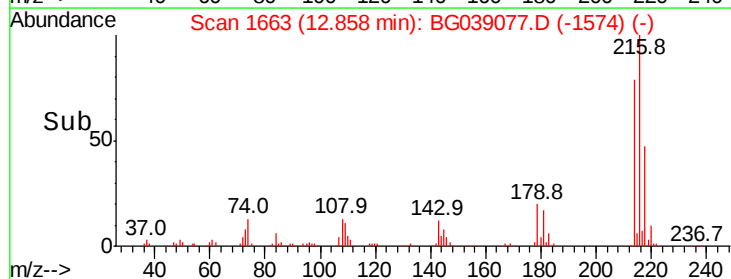
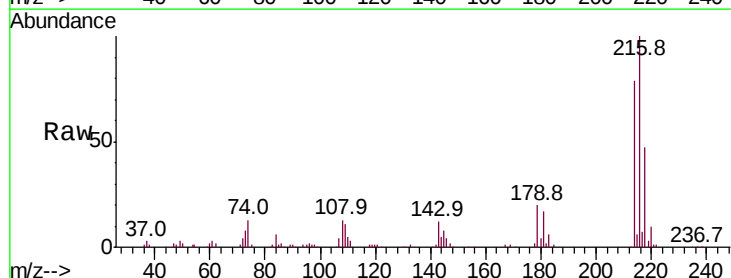
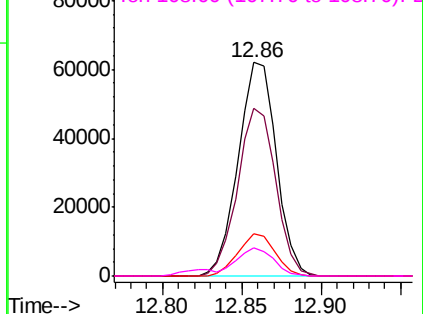
Abundance

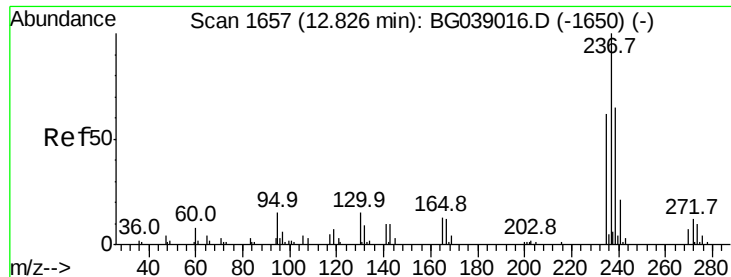
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.703 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

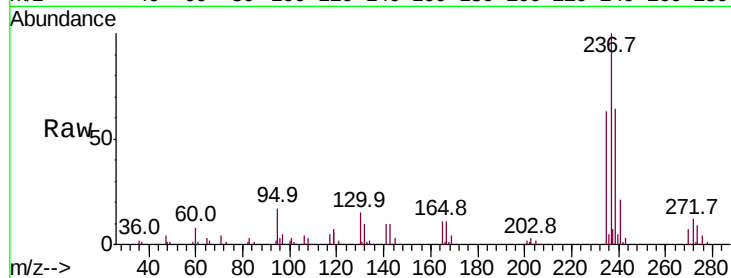
Tot Ion:237 Resp: 108582

Ion Ratio Lower Upper

237 100

235 62.9 41.7 81.7

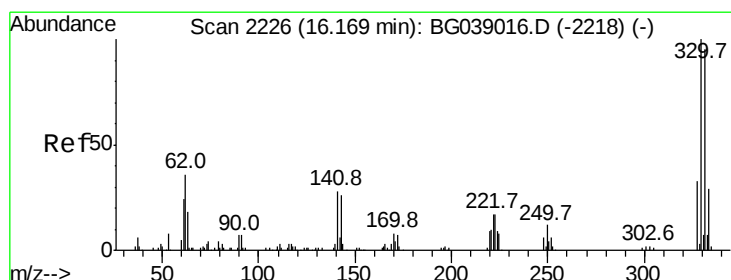
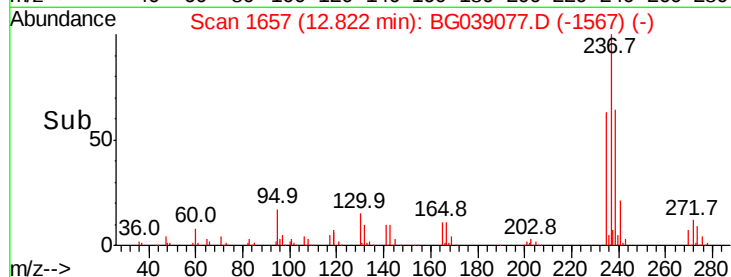
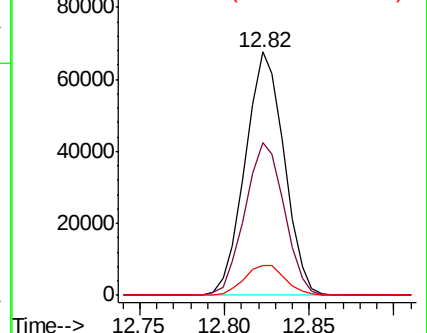
272 12.5 0.0 32.1



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: 129.002 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

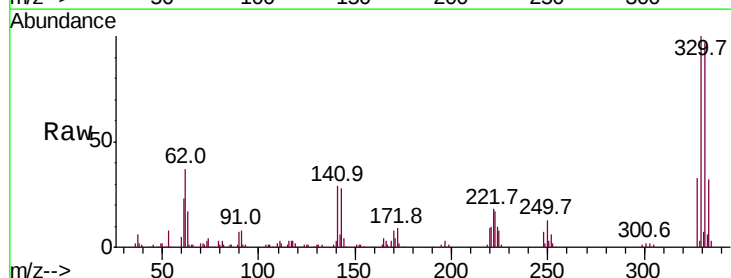
Tgt Ion:330 Resp: 149417

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

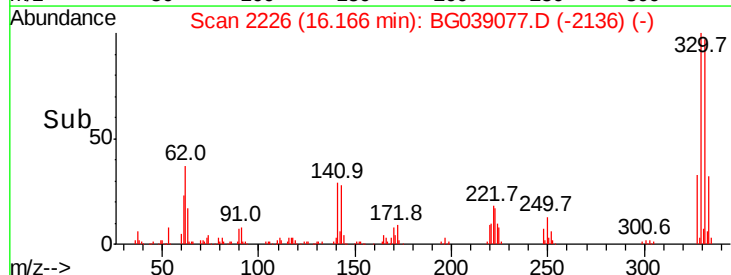
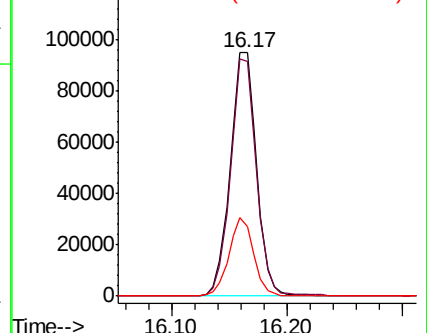
141 30.2 24.9 37.3

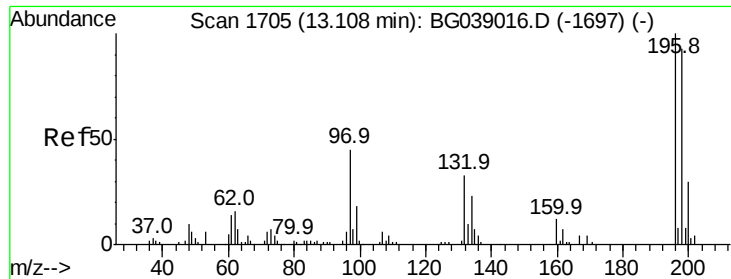


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

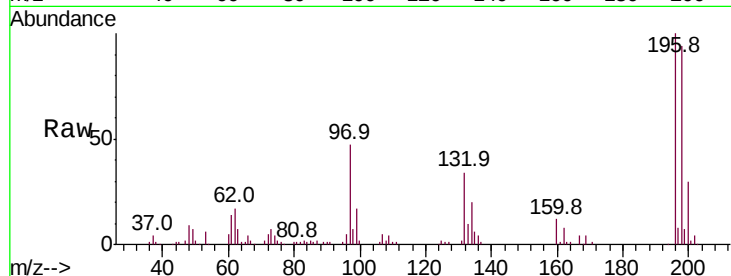




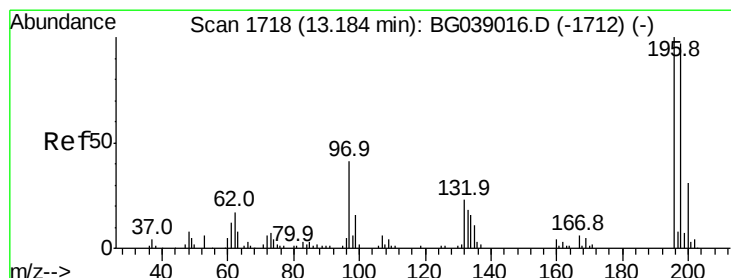
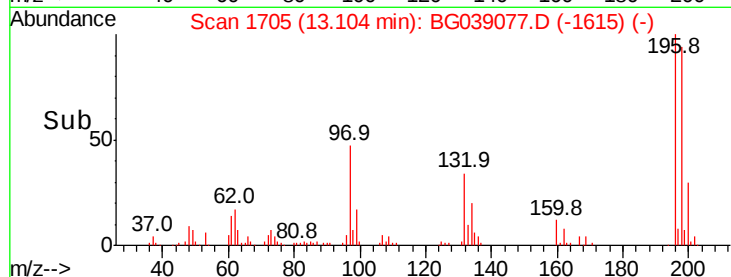
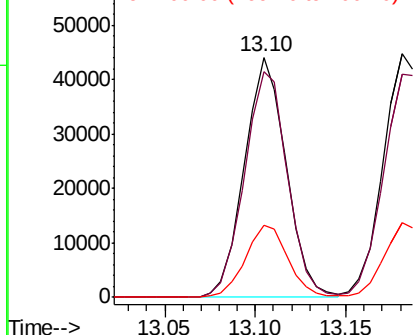
#43
 2,4,6-Trichlorophenol
 Concen: 43.279 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 70684
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.5 111.7
 200 30.2 23.8 35.6

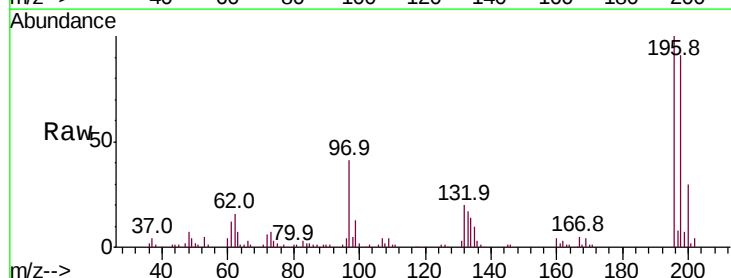


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

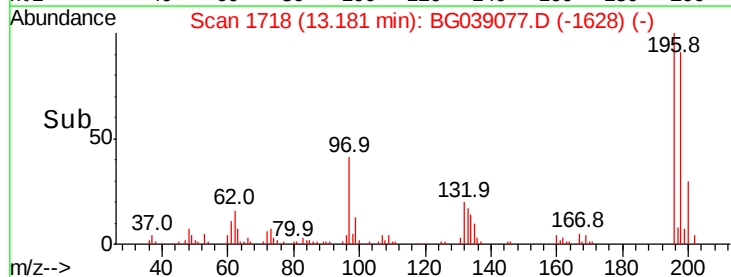
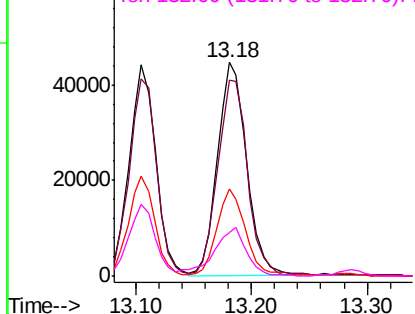


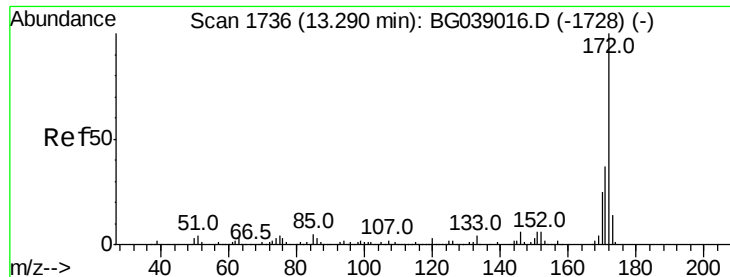
#44
 2,4,5-Trichlorophenol
 Concen: 45.364 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion:196 Resp: 78306
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.1 117.1
 97 40.8 33.2 49.8
 132 20.2 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

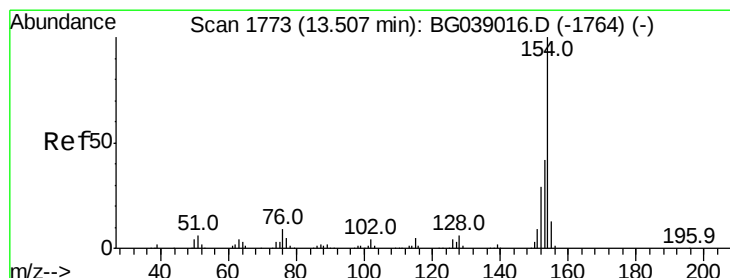
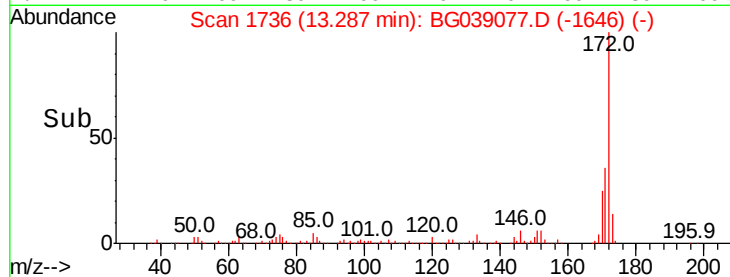
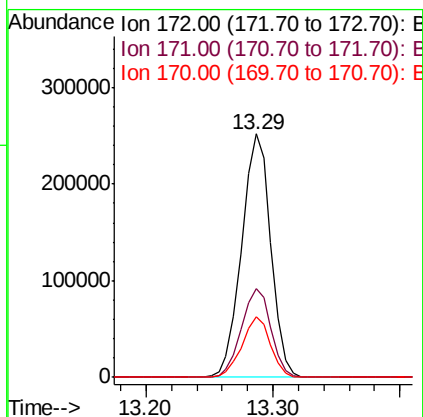
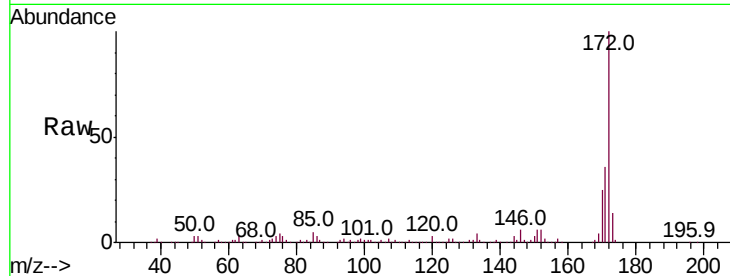




#45
2-Fluorobiphenyl
Concen: 79.182 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

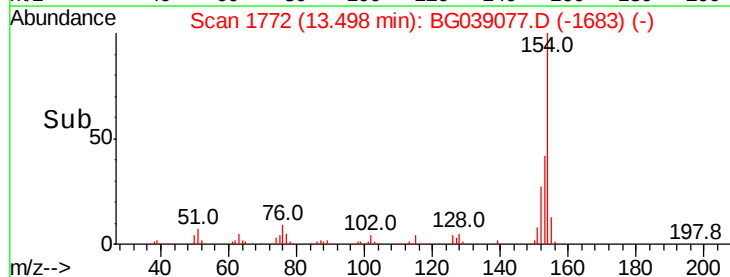
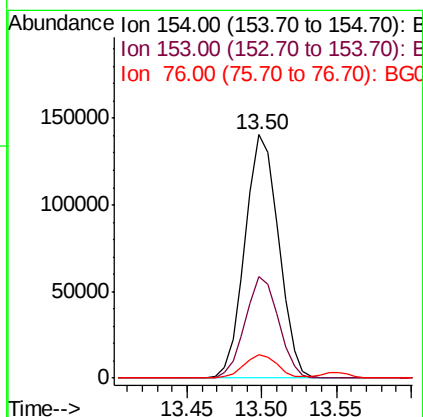
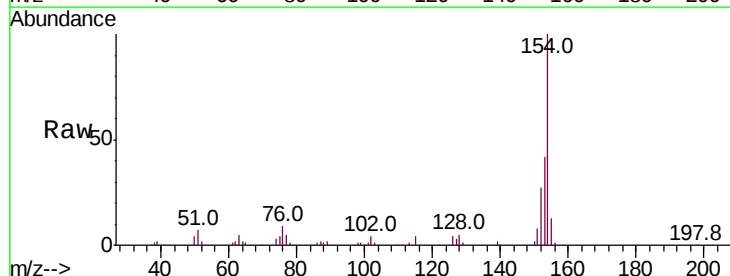
Instrument :
BNA_G
ClientSampleId :

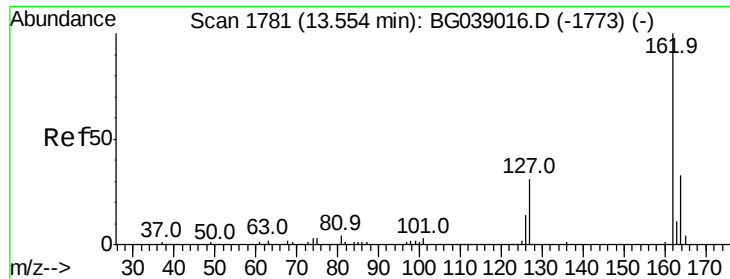
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.9	20.1	30.1



#46
1,1'-Biphenyl
Concen: 39.962 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	9.4	0.0	29.4

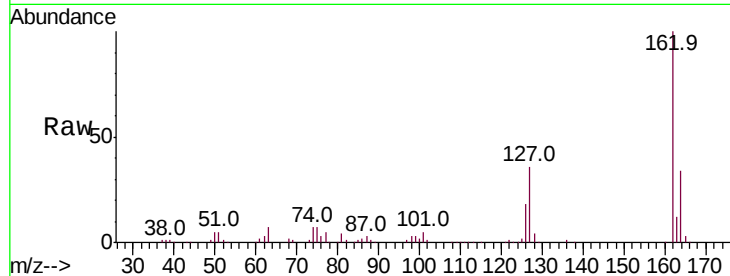




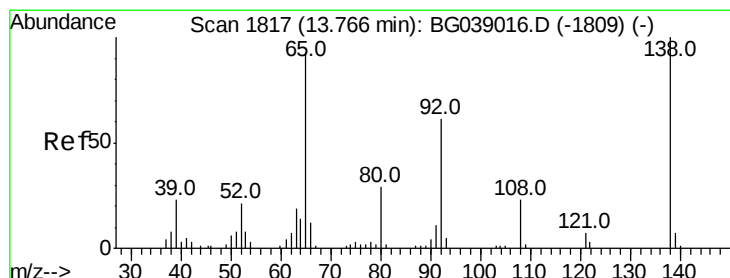
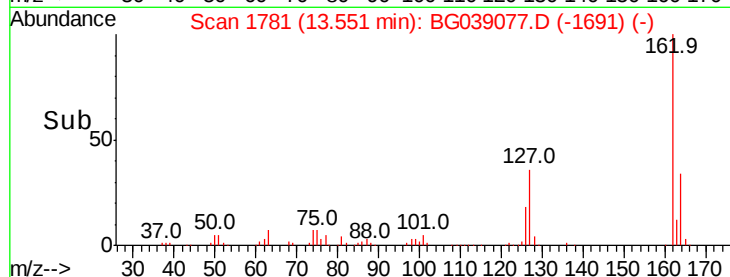
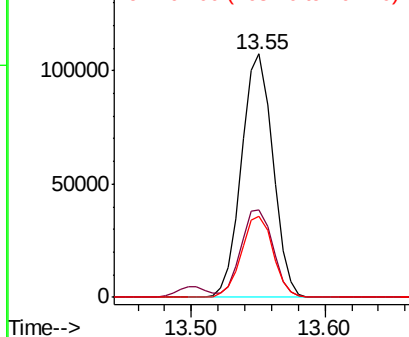
#47
 2-Chloronaphthalene
 Concen: 39.354 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	28.4	42.6
164	33.5	26.3	39.5

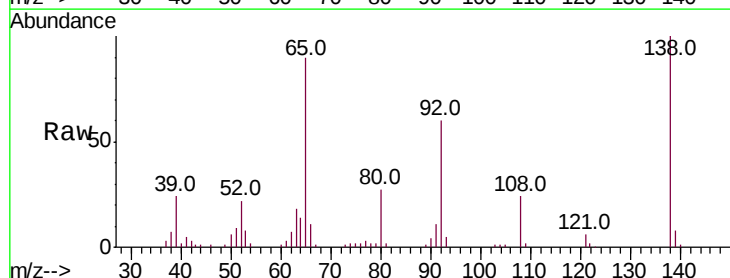


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

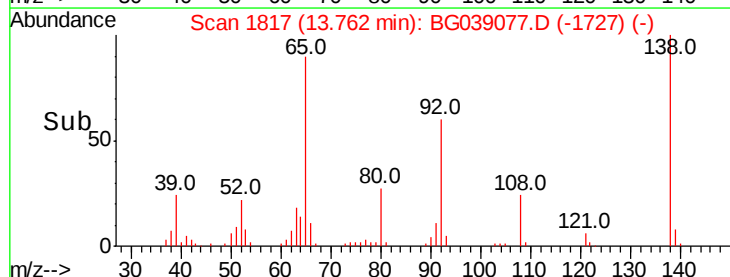
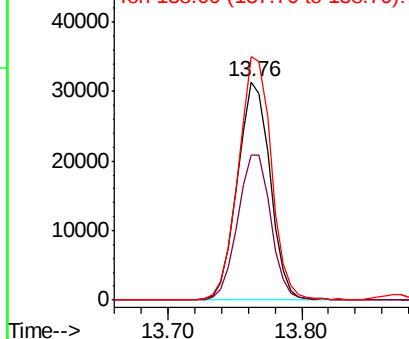


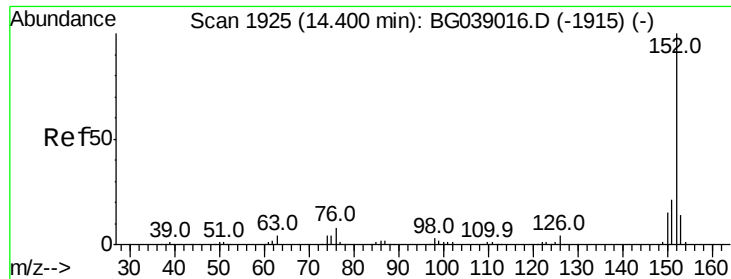
#48
 2-Nitroaniline
 Concen: 42.692 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.2	78.4
138	111.5	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: 43.411 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

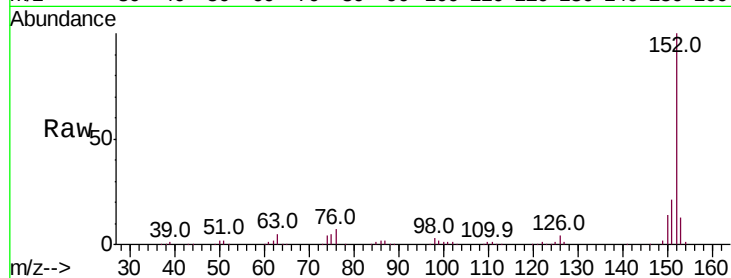
Tot Ion:152 Resp: 289093

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

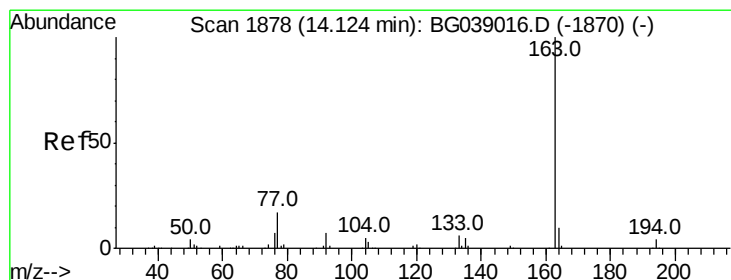
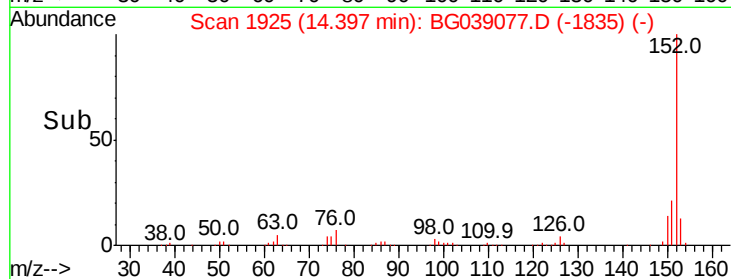
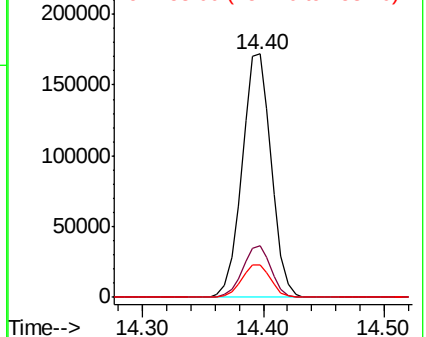
153 13.5 11.2 16.8



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: 40.589 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

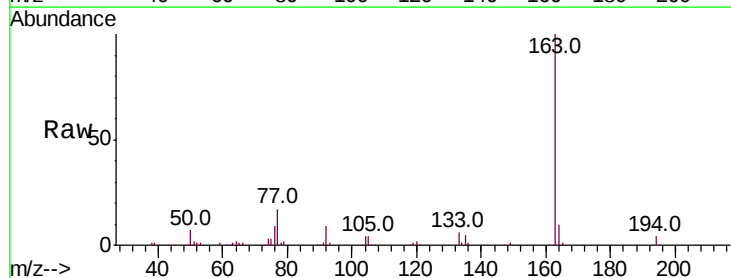
Tgt Ion:163 Resp: 237001

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

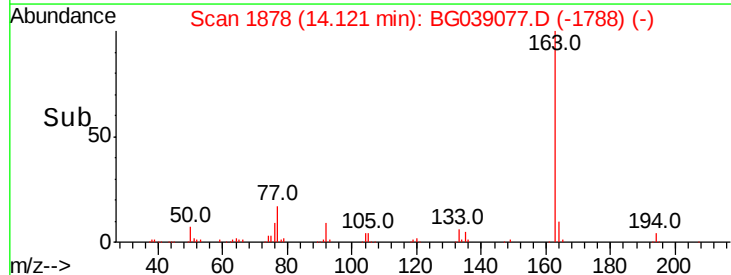
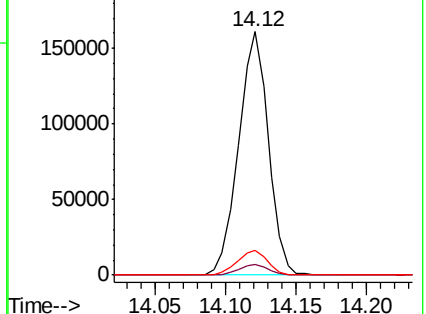
164 10.1 8.2 12.2

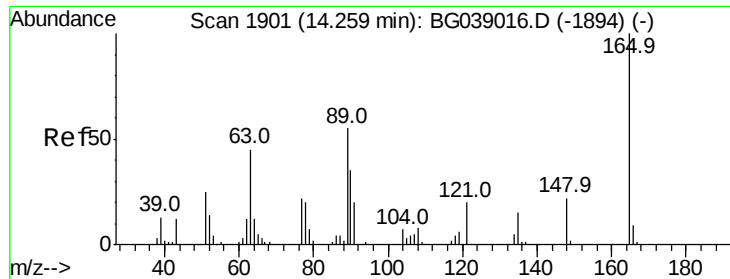


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.133 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampled :

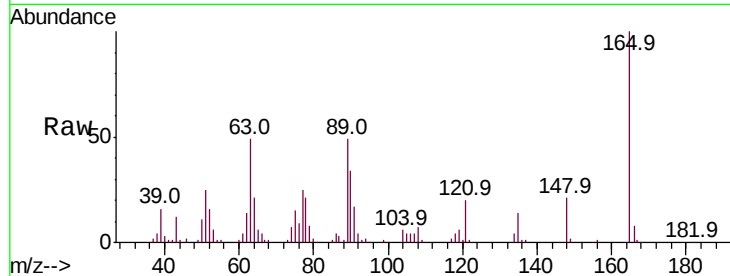
Tot Ion:165 Resp: 55003

Ion Ratio Lower Upper

165 100

63 48.8 43.6 65.4

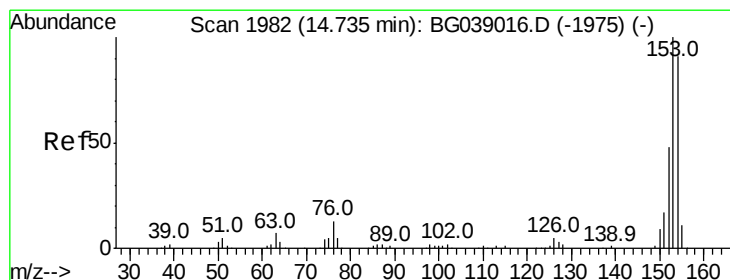
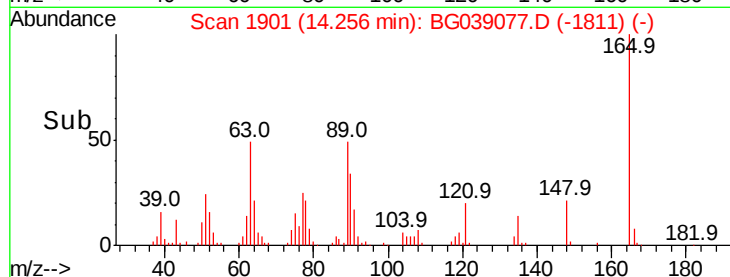
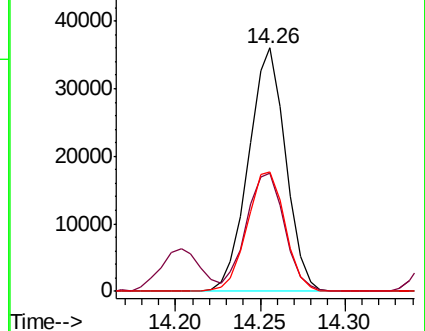
89 49.3 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 41.442 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

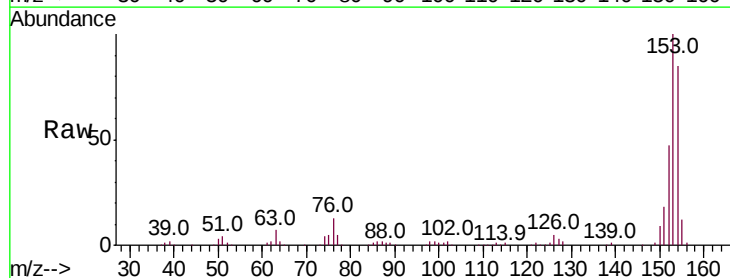
Tgt Ion:154 Resp: 165815

Ion Ratio Lower Upper

154 100

153 118.2 87.9 131.9

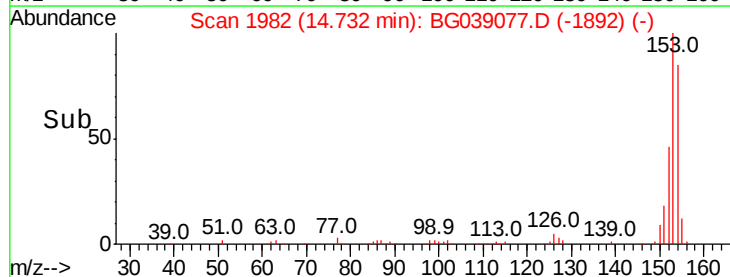
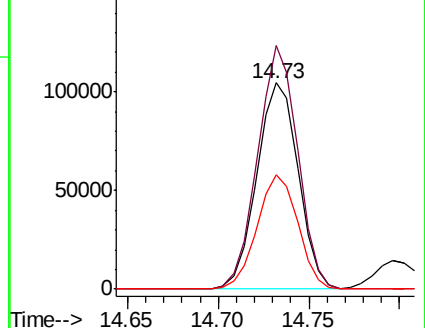
152 55.3 42.2 63.2

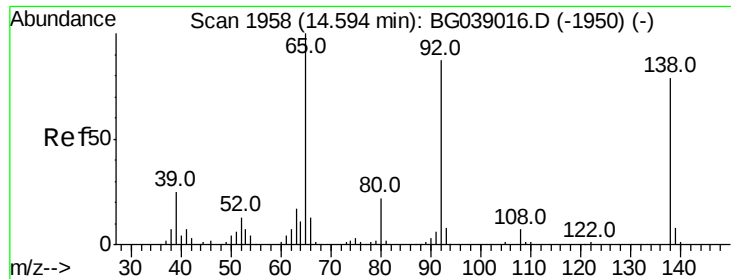


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.020 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

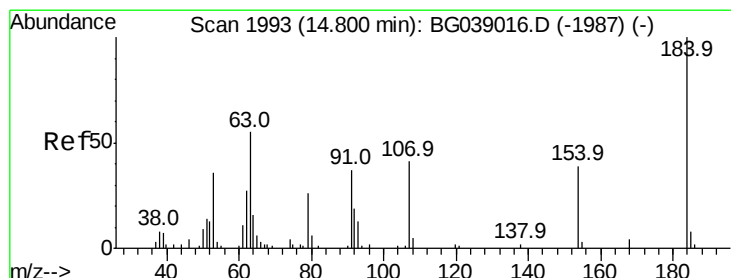
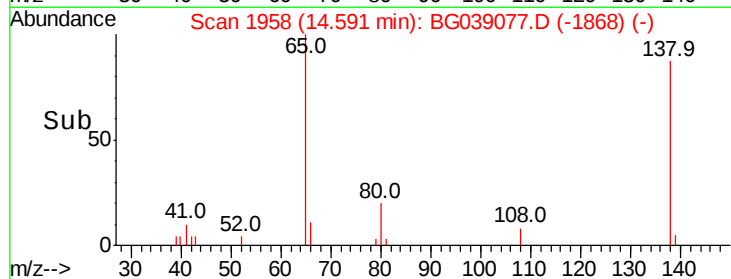
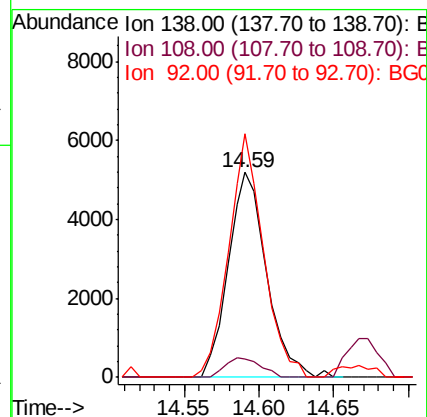
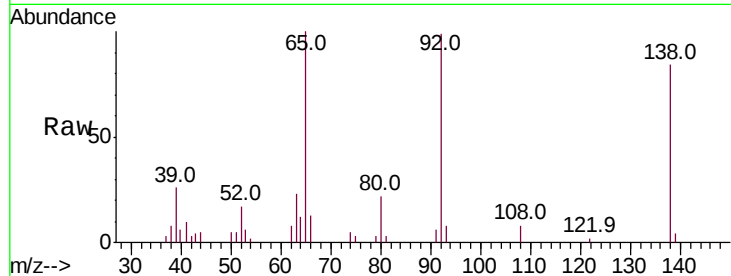
Tot Ion:138 Resp: 9297

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.0

92 119.0 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 53.653 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

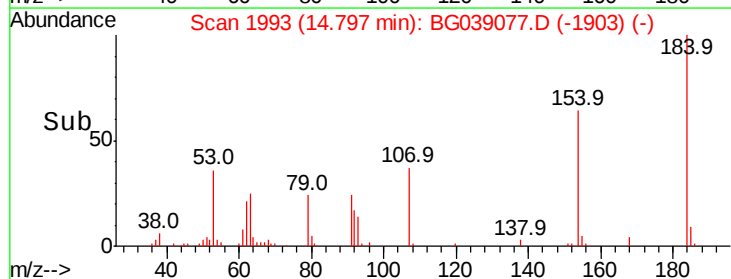
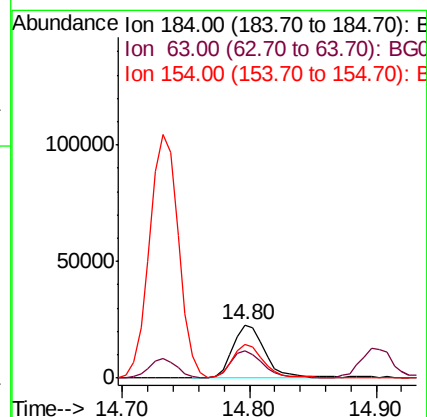
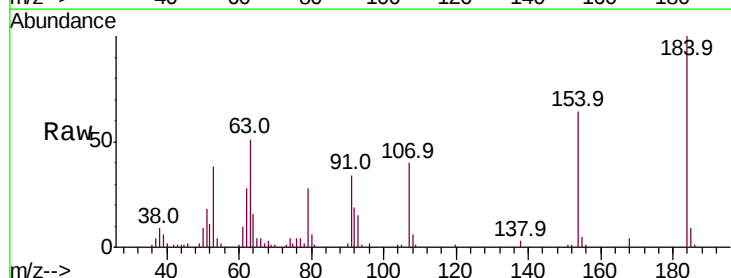
Tgt Ion:184 Resp: 40391

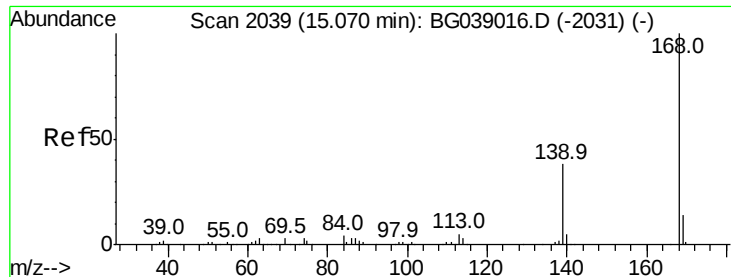
Ion Ratio Lower Upper

184 100

63 50.8 44.0 66.0

154 63.9 46.1 69.1





#55

Dibenzenofuran

Concen: 40.684 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

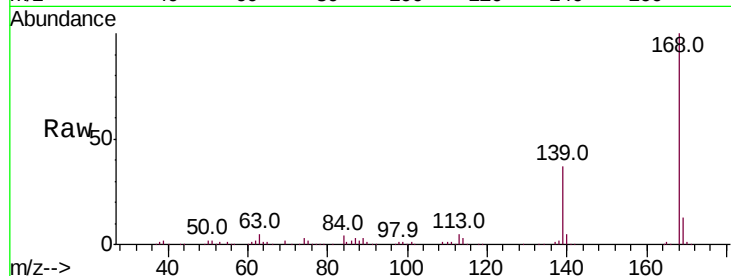
Tot Ion:168 Resp: 287497

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

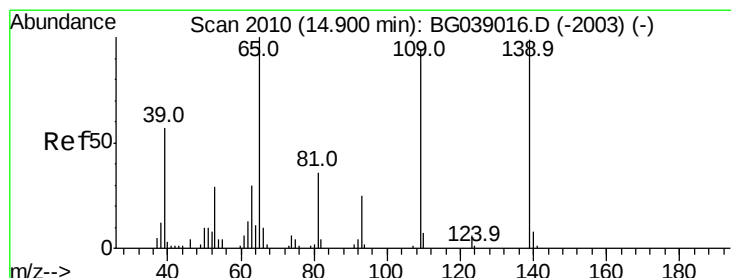
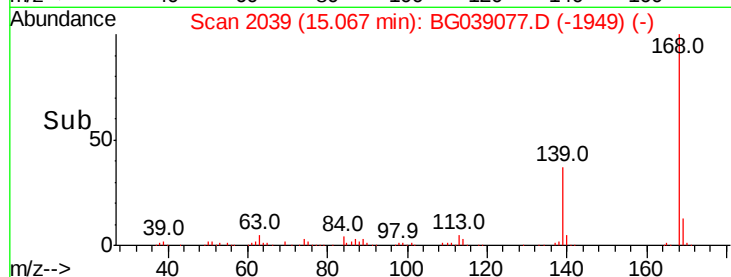
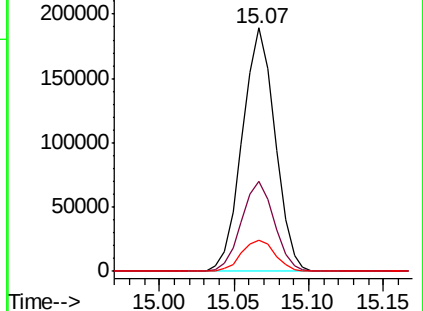
169 12.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.766 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

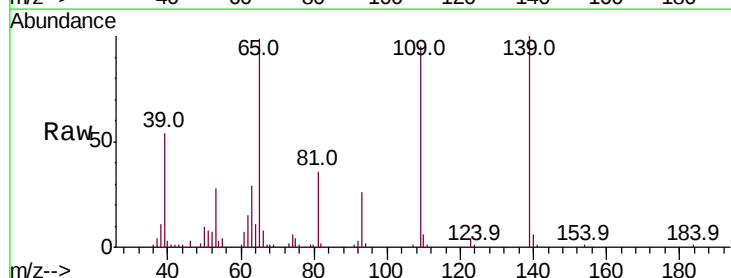
Tgt Ion:139 Resp: 75053

Ion Ratio Lower Upper

139 100

109 95.4 75.6 115.6

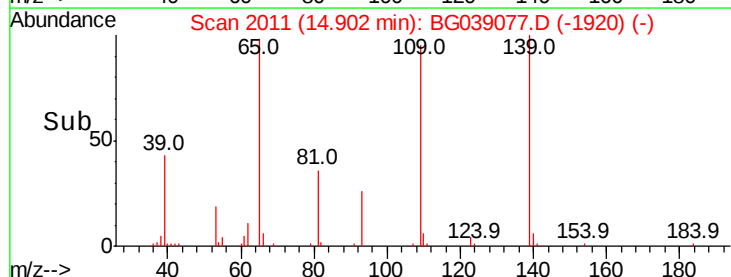
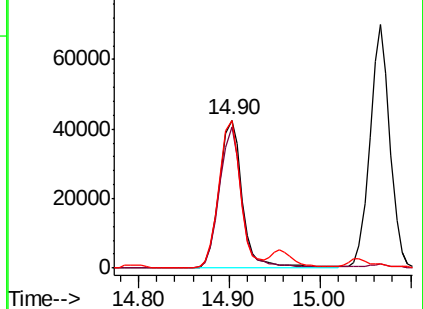
65 99.2 81.2 121.2

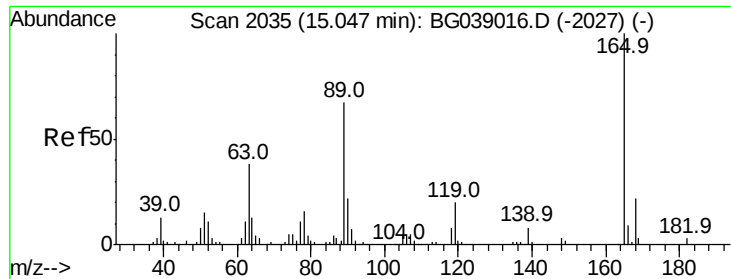


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

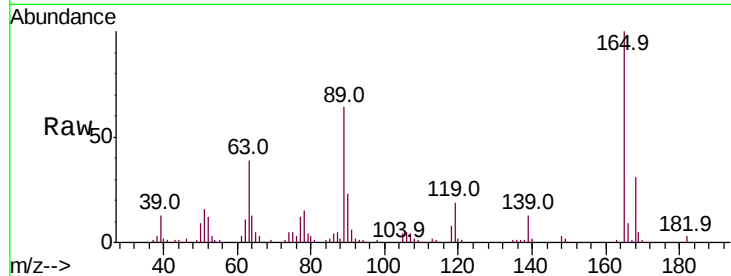




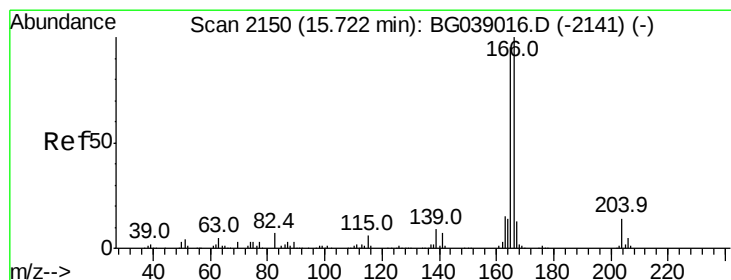
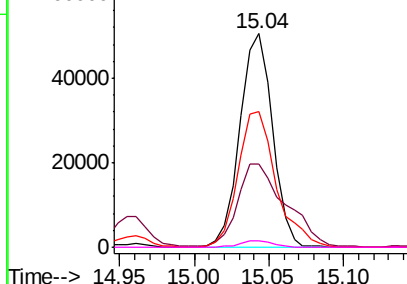
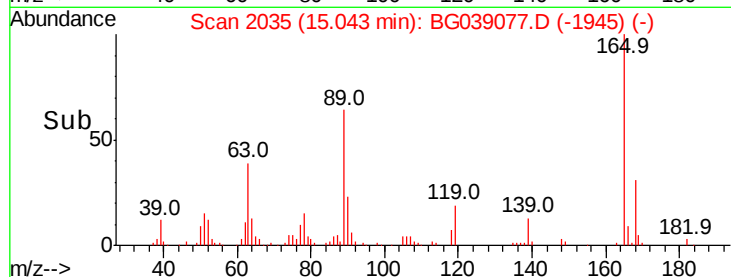
#57
2,4-Dinitrotoluene
Concen: 41.011 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 76810
Ion Ratio Lower Upper
165 100
63 38.9 30.2 45.4
89 63.7 53.2 79.8
182 3.1 2.7 4.1

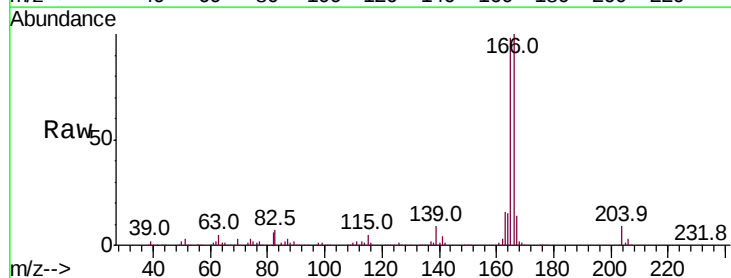


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

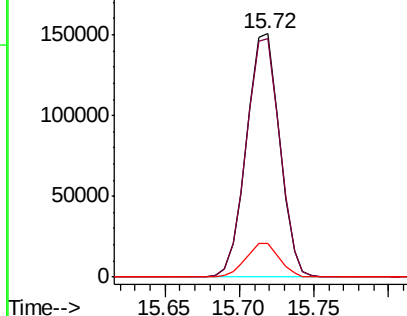
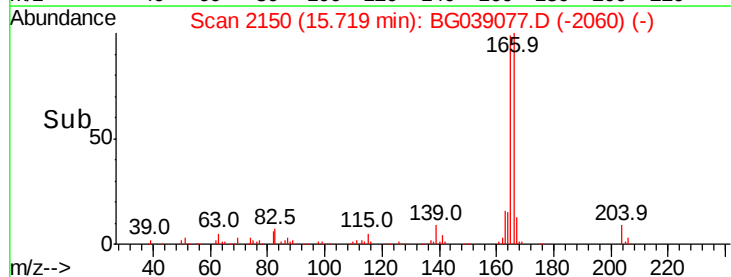


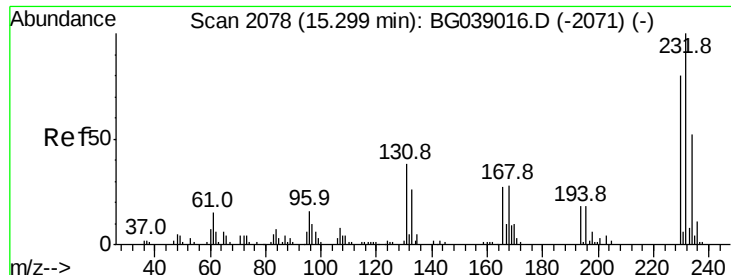
#58
Fluorene
Concen: 43.428 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:166 Resp: 230998
Ion Ratio Lower Upper
166 100
165 98.1 76.2 114.2
167 13.8 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

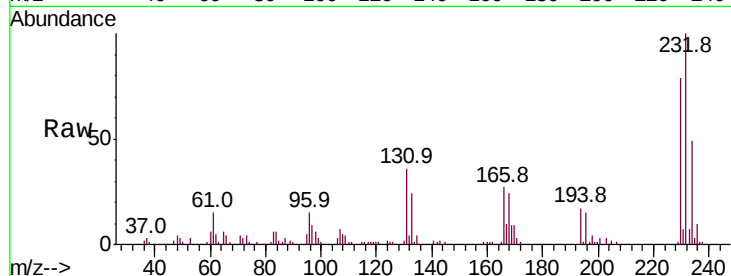




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.889 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.1	30.9	46.3
130	2.2	1.9	2.9
166	26.7	22.1	33.1



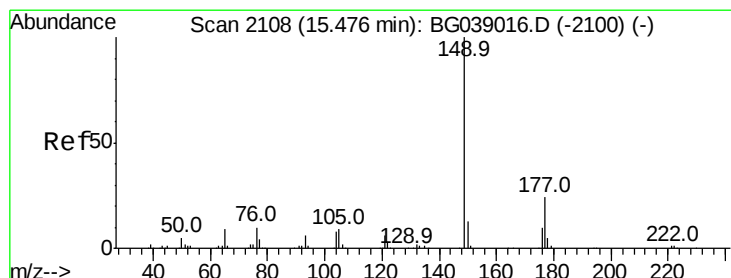
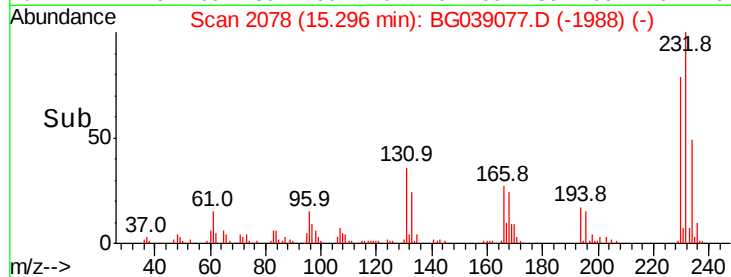
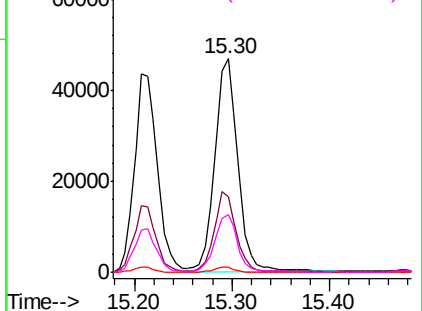
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

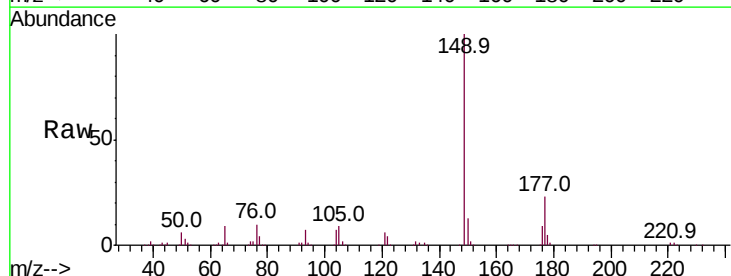
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.214 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	12.5	10.2	15.4

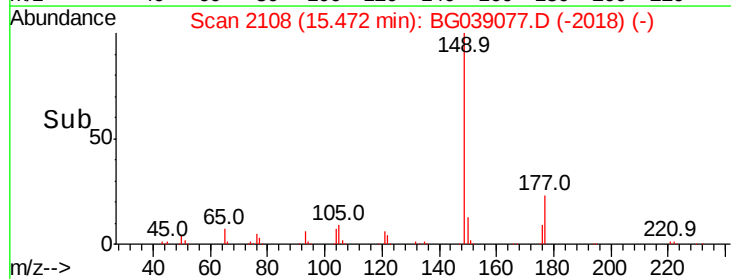
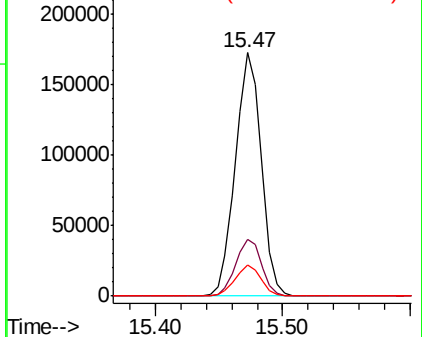


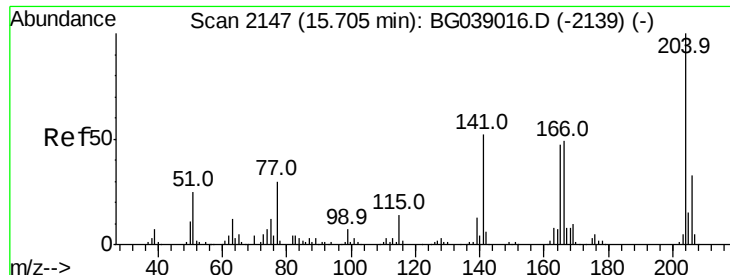
Abundance

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

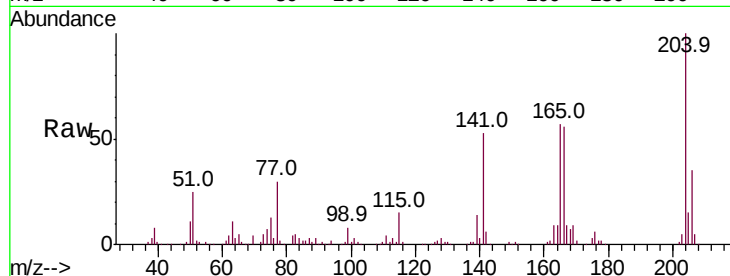




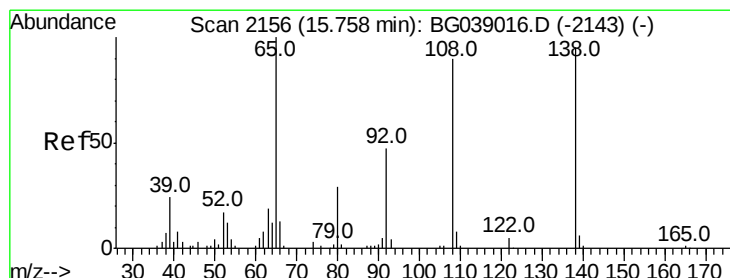
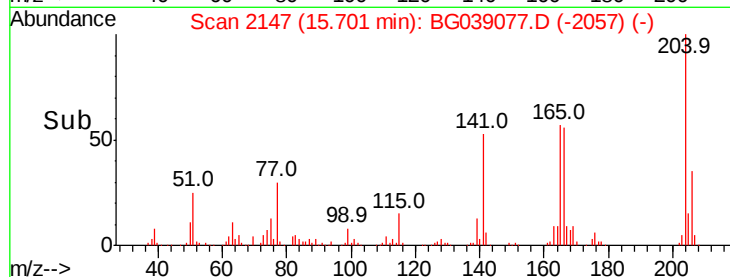
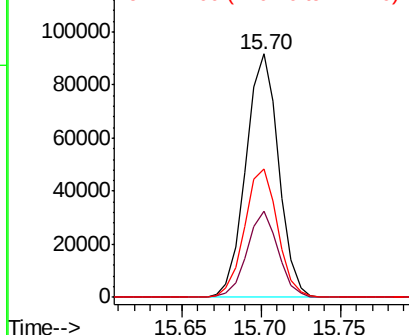
#61
4-Chlorophenyl-phenylether
Concen: 39.138 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 131154
Ion Ratio Lower Upper
204 100
206 35.3 26.6 39.8
141 52.8 41.4 62.0

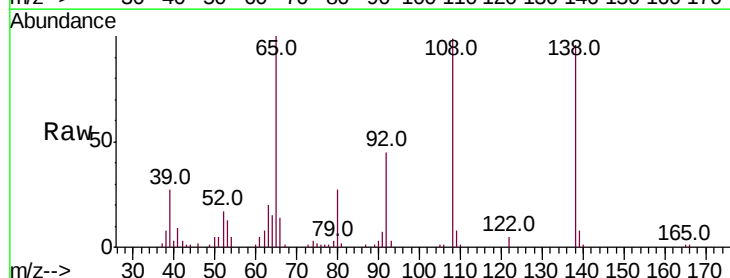


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

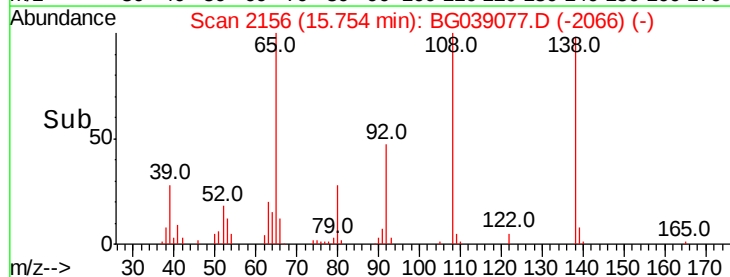
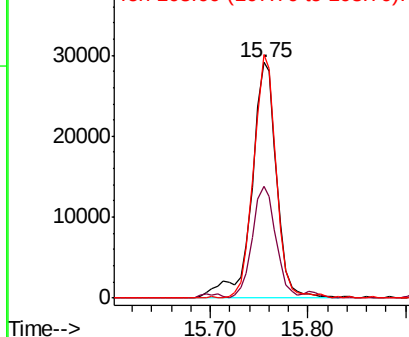


#62
4-Nitroaniline
Concen: 37.850 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:138 Resp: 52217
Ion Ratio Lower Upper
138 100
92 47.4 29.7 69.7
108 103.4 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

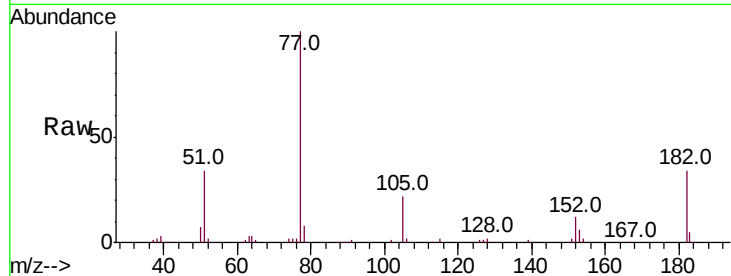




#63
Azobenzene
Concen: 39.647 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.0	12.2	52.2
105	21.8	1.2	41.2
51	34.4	13.4	53.4



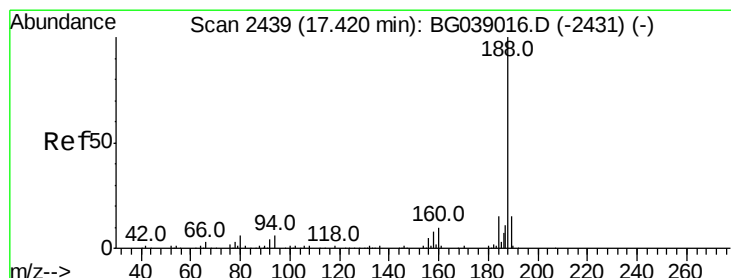
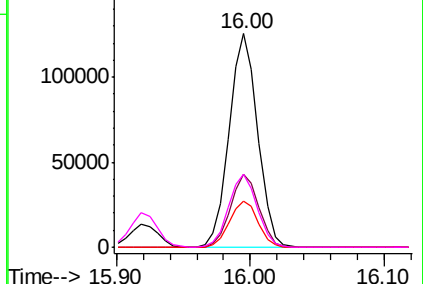
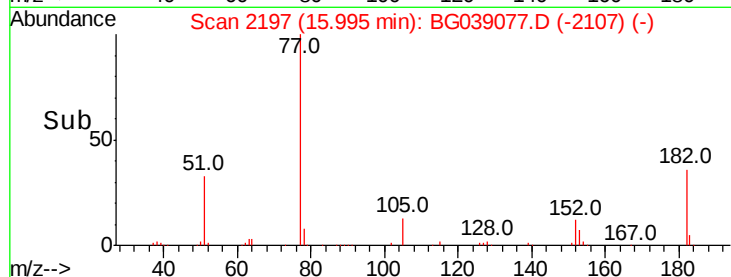
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

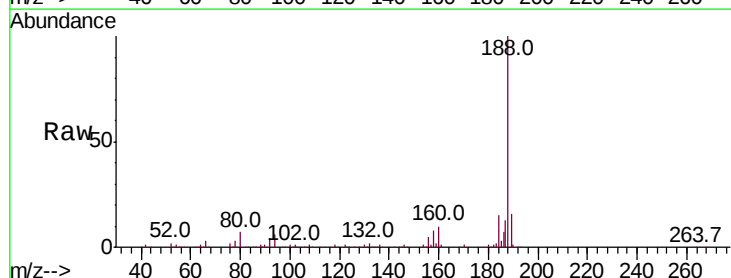
Ion 105.00 (104.70 to 105.70): BGC

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: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	7.1	4.7	7.1#

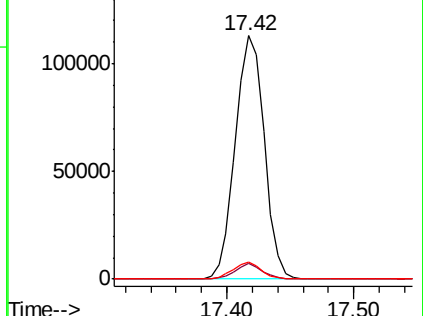
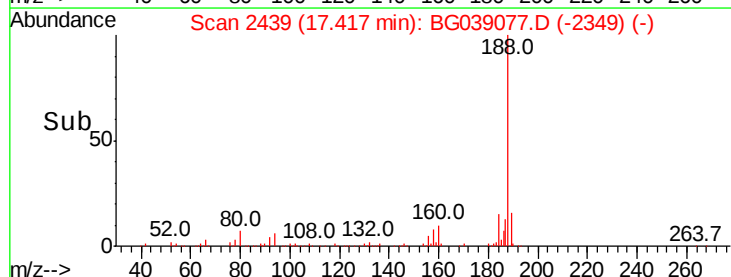


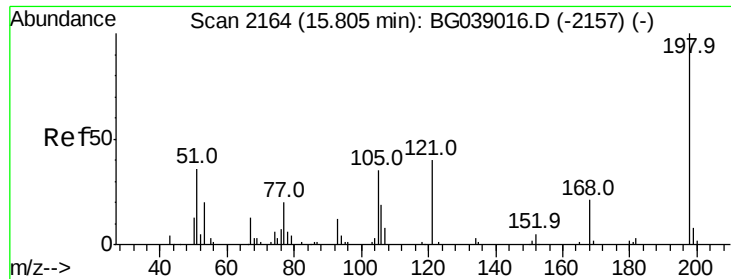
Abundance

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: 30.845 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

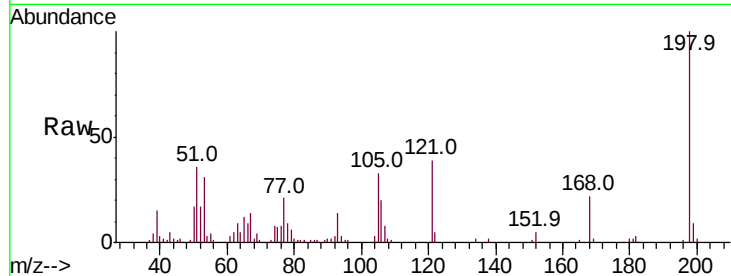
Tot Ion:198 Resp: 40809

Ion Ratio Lower Upper

198 100

51 35.9 20.8 60.8

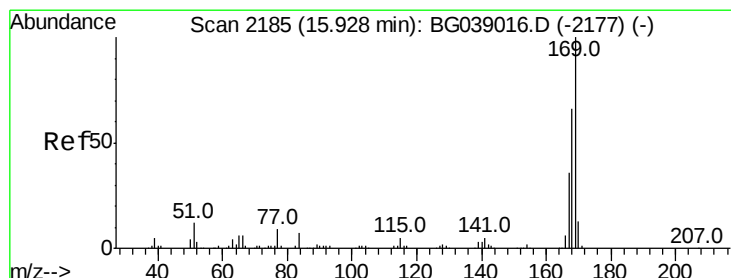
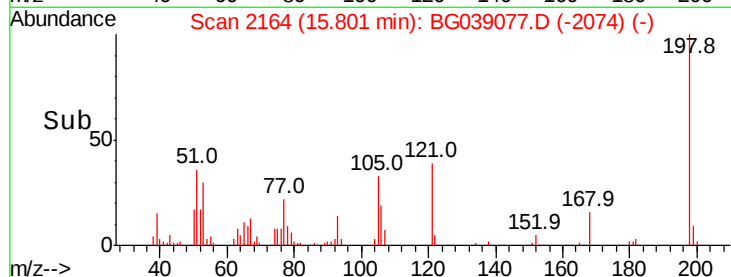
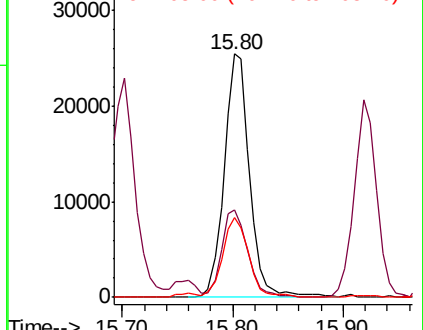
105 32.6 16.1 56.1



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: 40.225 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

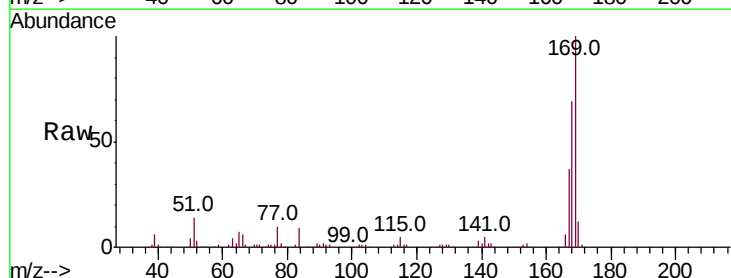
Tgt Ion:169 Resp: 212955

Ion Ratio Lower Upper

169 100

168 68.8 53.2 79.8

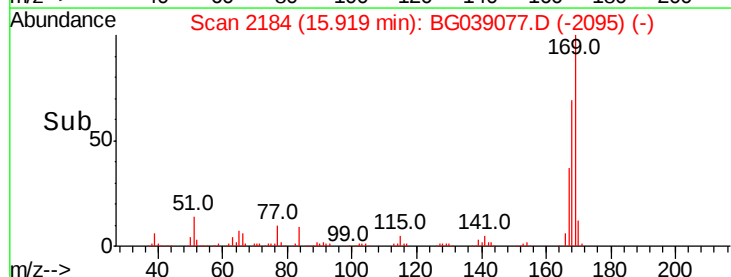
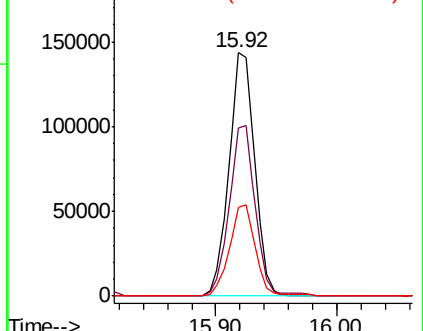
167 36.6 29.1 43.7

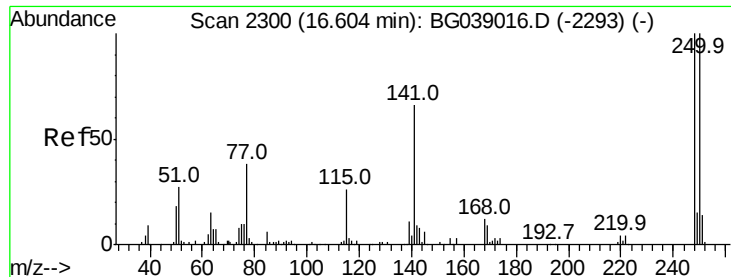


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

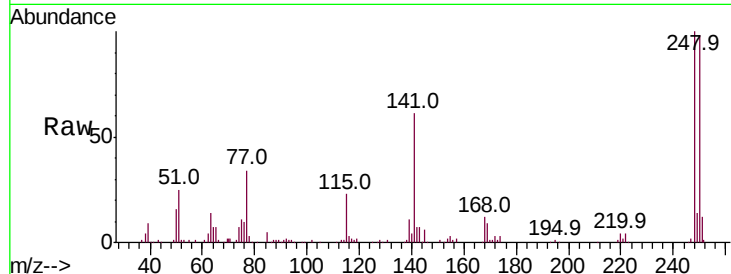




#67
 4-Bromophenyl-phenylether
 Concen: 39.040 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.9	119.9
141	60.9	52.7	79.1

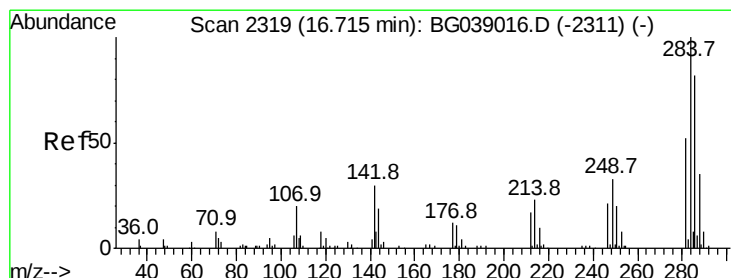
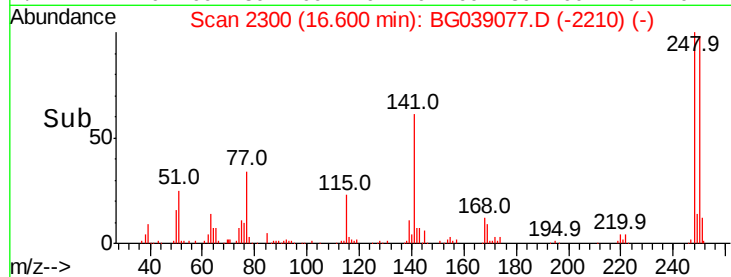
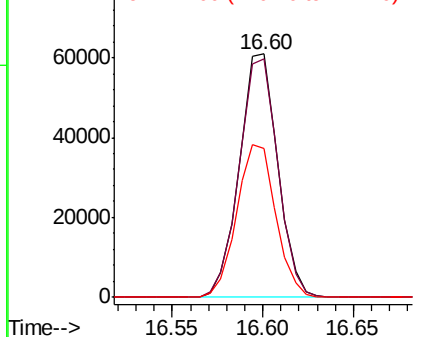


Abundance

Ion 248.00 (247.70 to 248.70): E

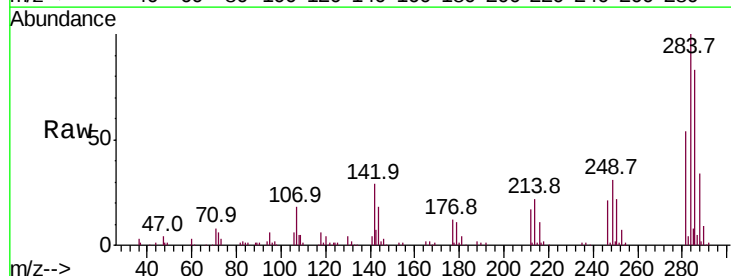
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.150 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	33.7	27.8	41.8

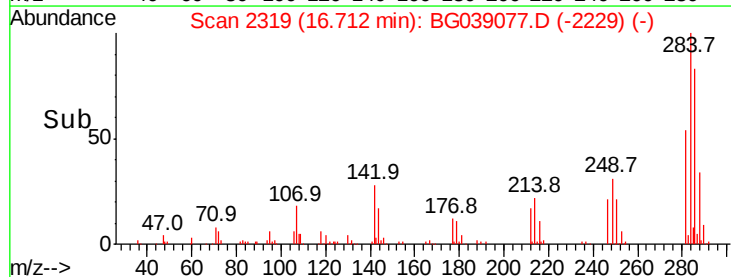
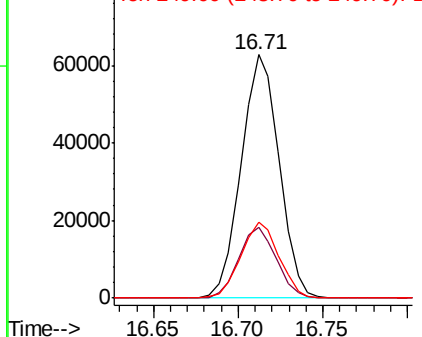


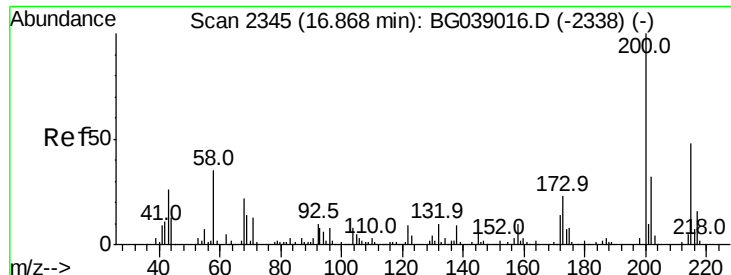
Abundance

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

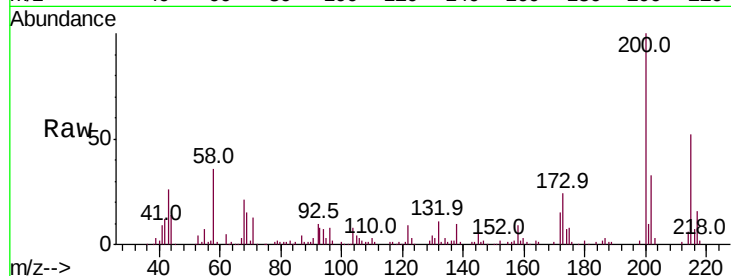




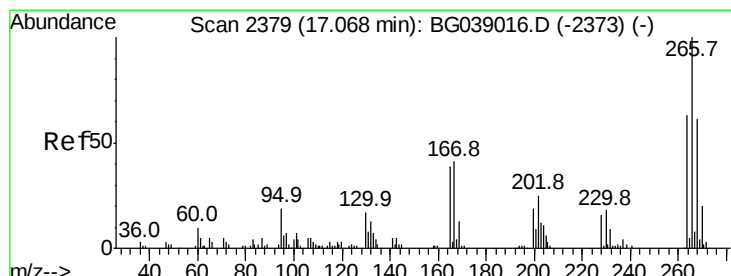
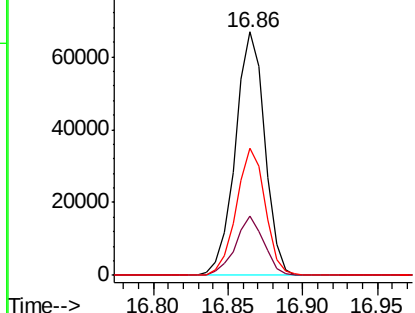
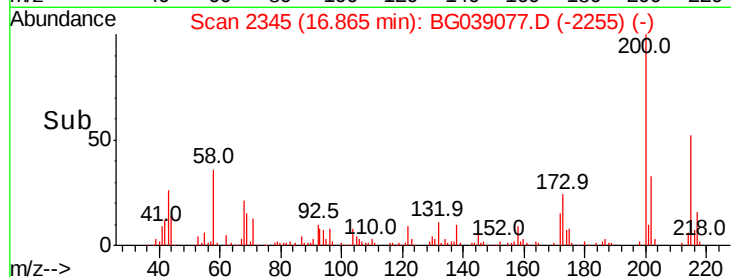
#69
 Atrazine
 Concen: 40.842 ng
 RT: 16.86 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	2.6	42.6
215	52.2	28.0	68.0

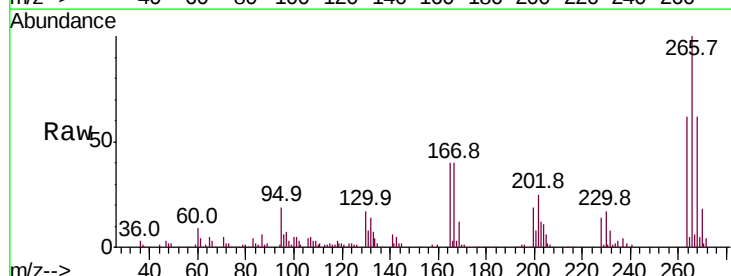


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

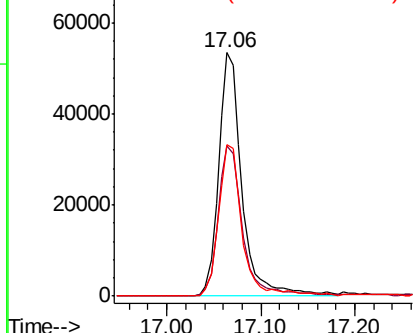
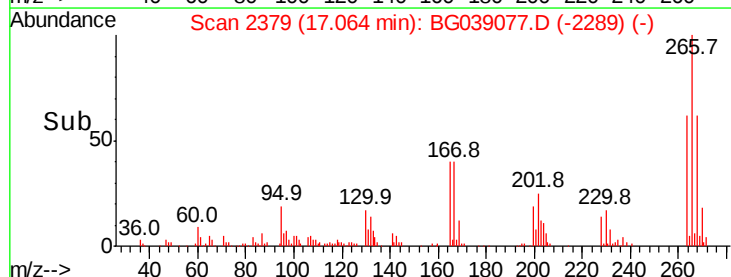


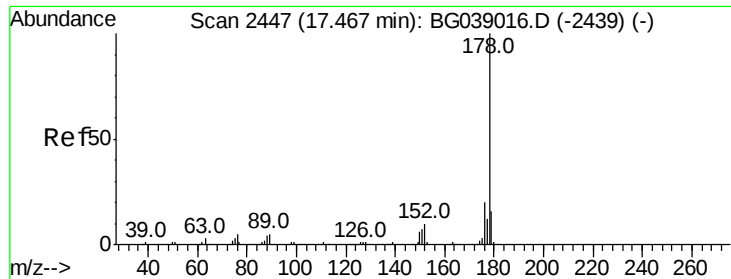
#70
 Pentachlorophenol
 Concen: 61.201 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.0	78.0
264	62.5	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

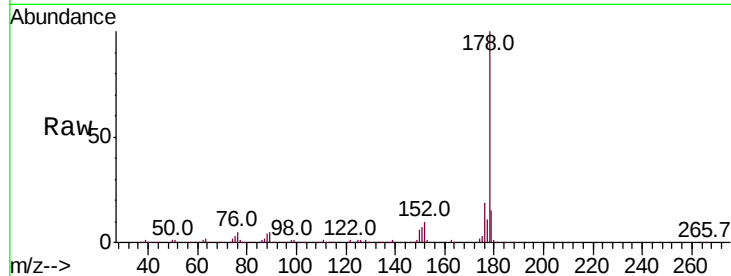




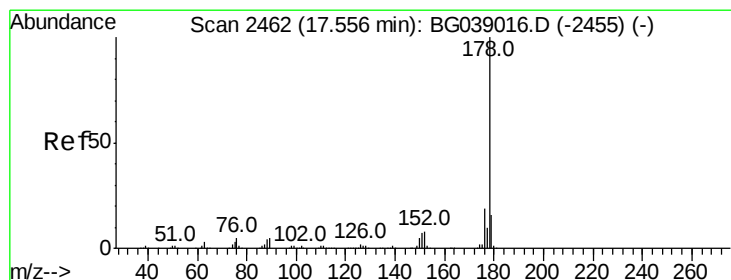
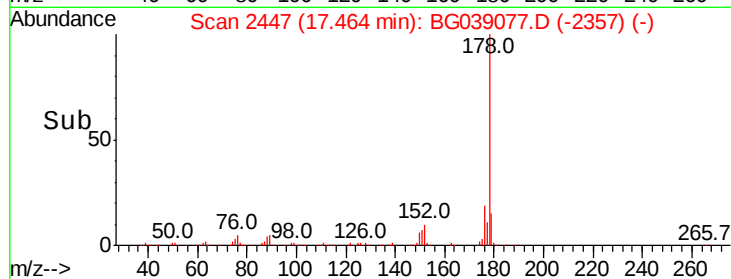
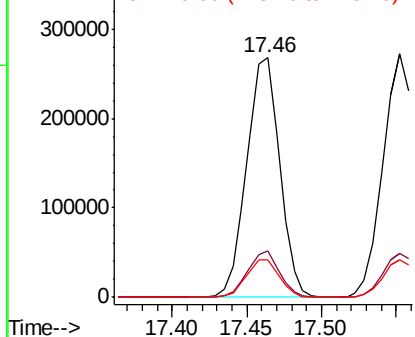
#71
Phenanthrene
Concen: 43.347 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 409169
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.9 19.3

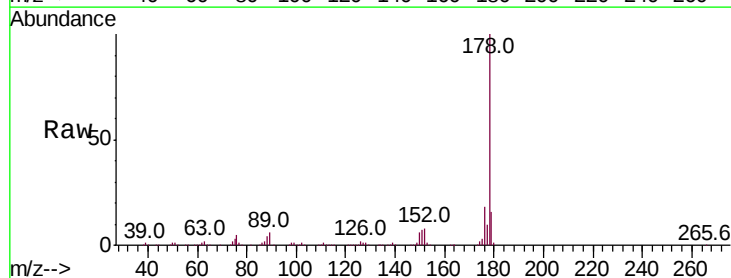


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

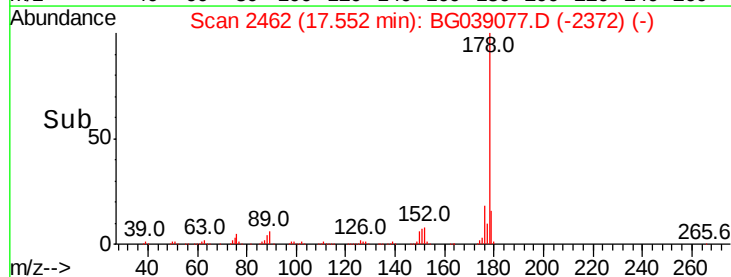
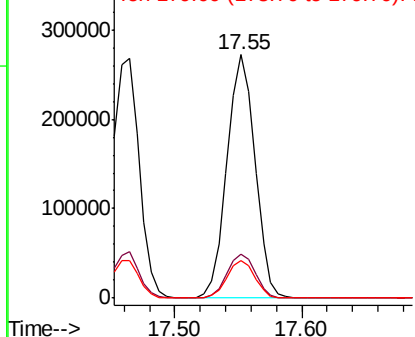


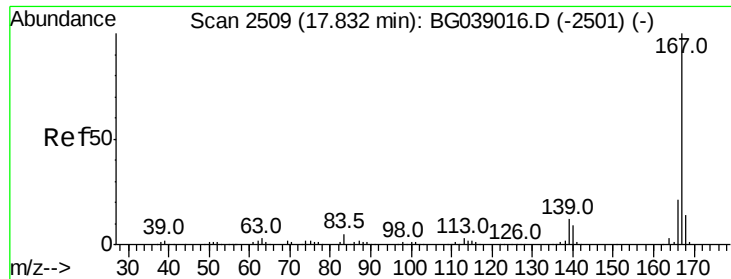
#72
Anthracene
Concen: 44.547 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:178 Resp: 415752
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.916 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

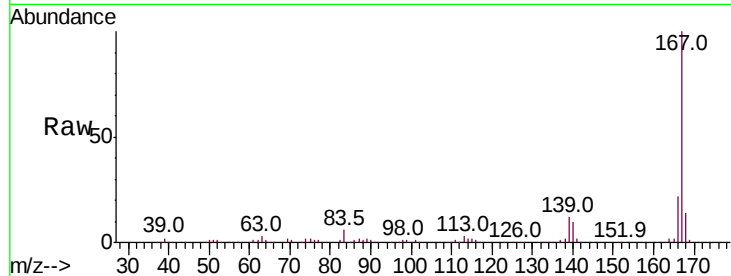
Tot Ion:167 Resp: 367753

Ion Ratio Lower Upper

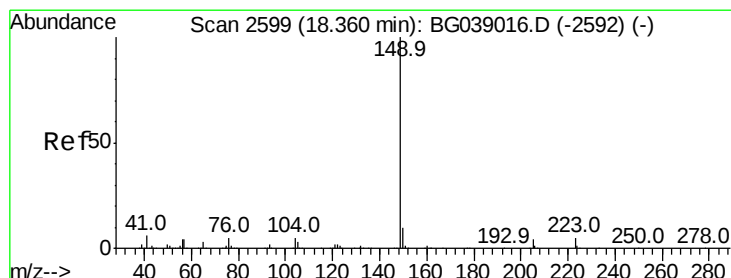
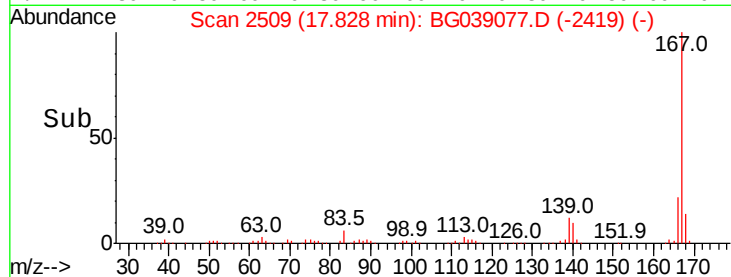
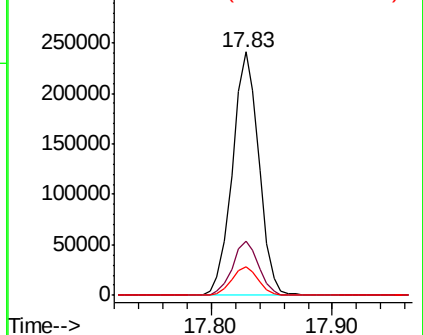
167 100

166 22.1 16.9 25.3

139 11.9 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: 41.816 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

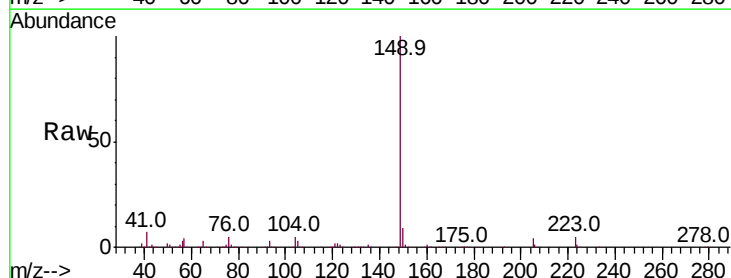
Tgt Ion:149 Resp: 428598

Ion Ratio Lower Upper

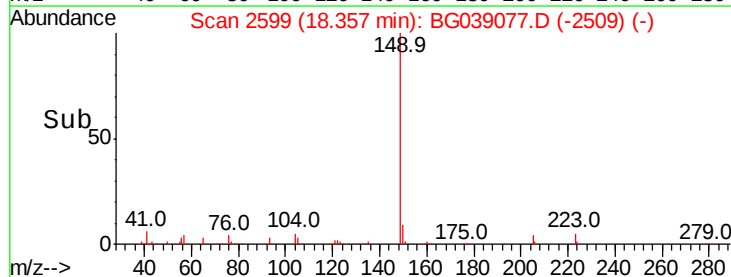
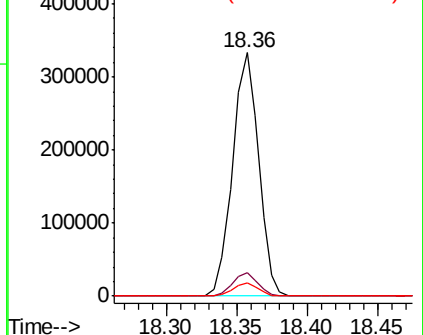
149 100

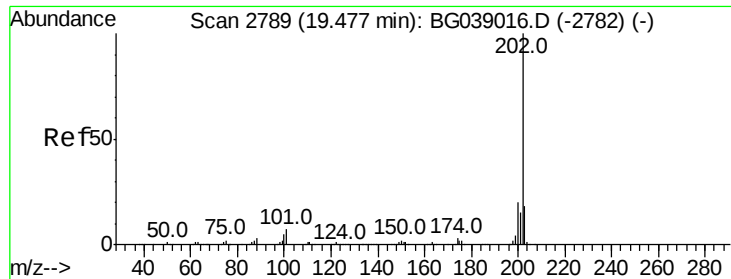
150 9.4 7.9 11.9

104 5.4 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: 44.108 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

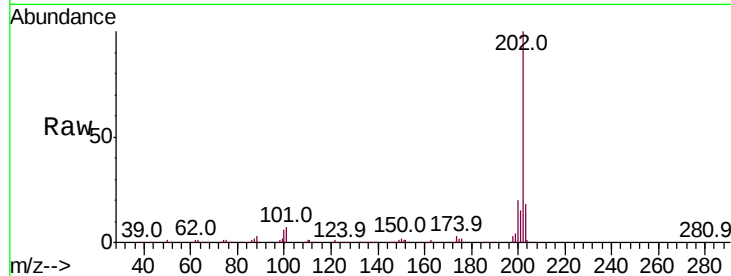
Tot Ion:202 Resp: 516137

Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.9

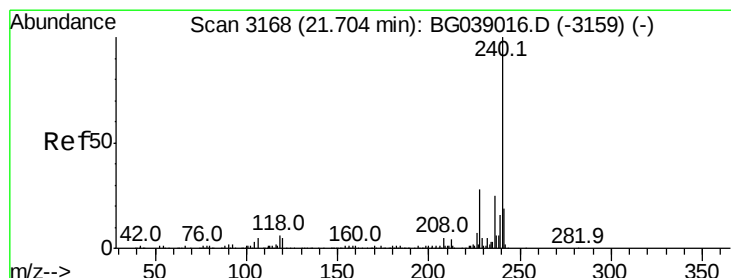
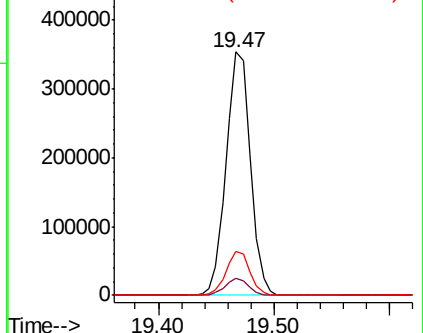
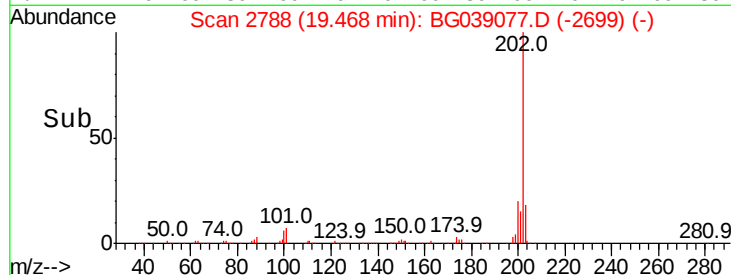
203 18.2 0.0 38.1



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# 3167

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

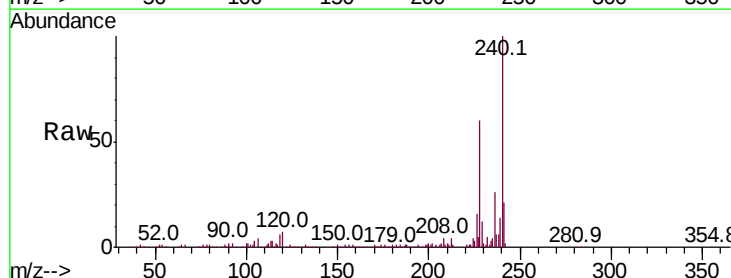
Tgt Ion:240 Resp: 192752

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

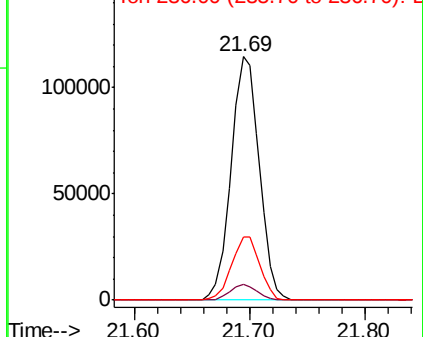
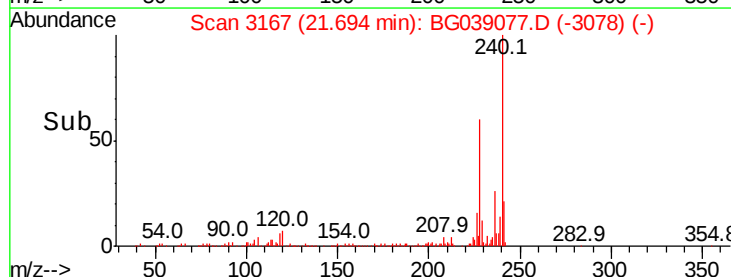
236 26.0 20.1 30.1

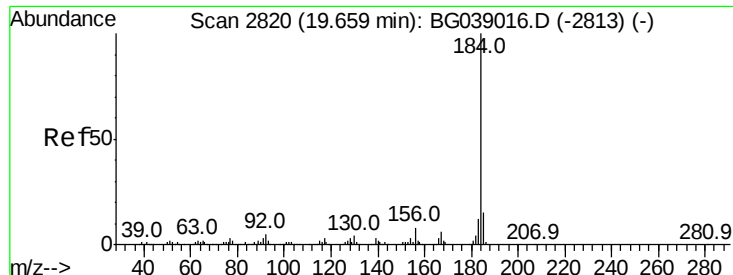


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.609 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

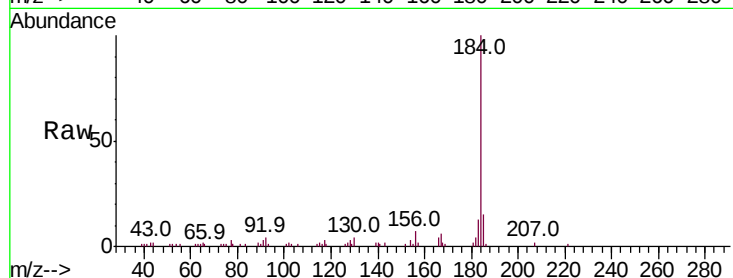
Tot Ion:184 Resp: 38964

Ion Ratio Lower Upper

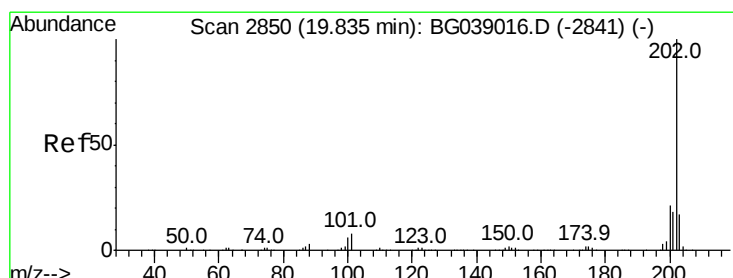
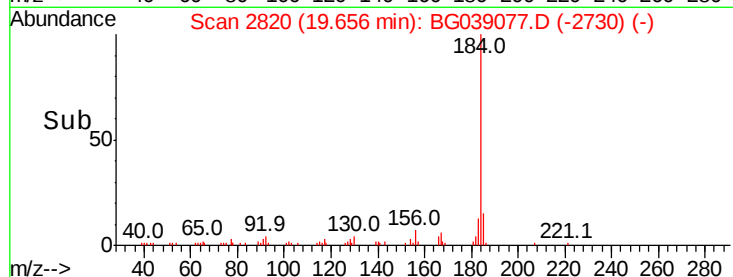
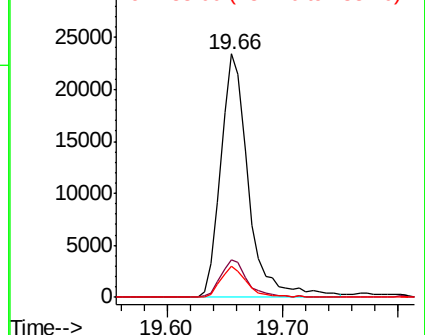
184 100

185 15.3 12.1 18.1

183 12.6 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: 42.541 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

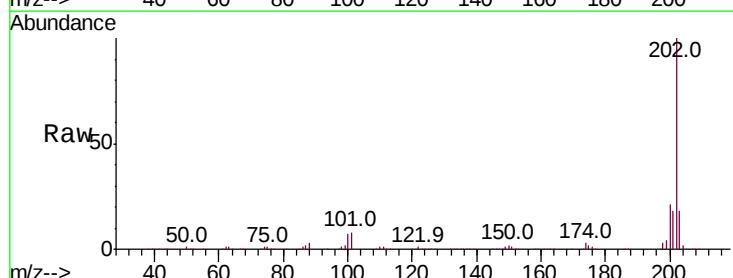
Tgt Ion:202 Resp: 522563

Ion Ratio Lower Upper

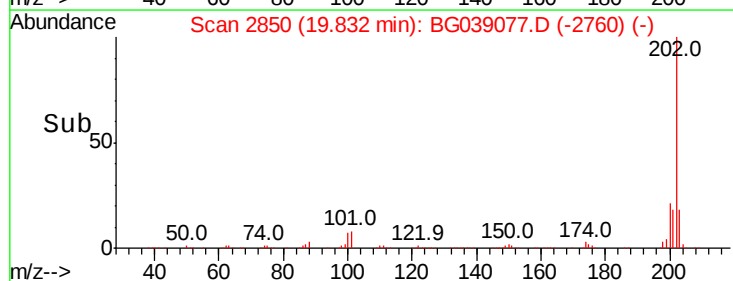
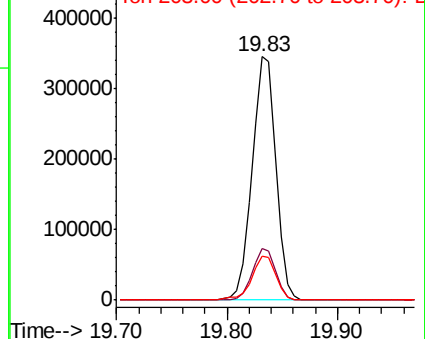
202 100

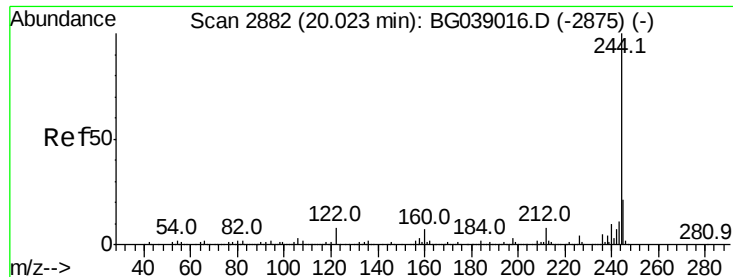
200 21.2 17.0 25.6

203 18.0 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: 77.901 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

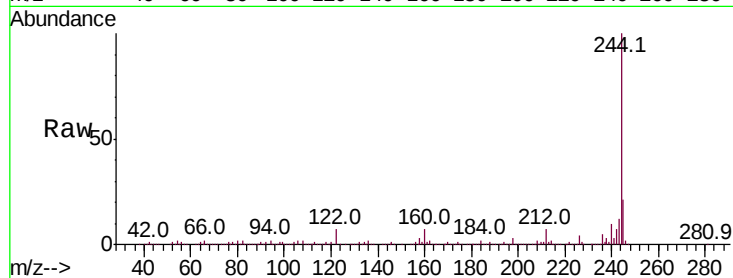
Tot Ion:244 Resp: 811699

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

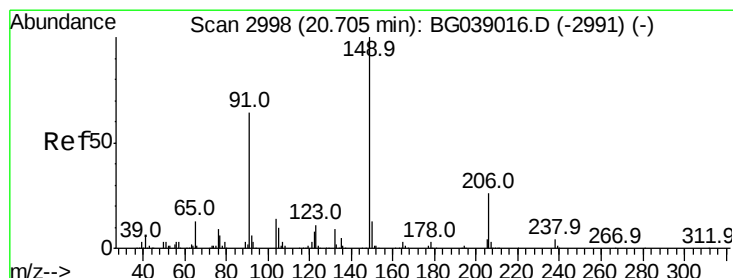
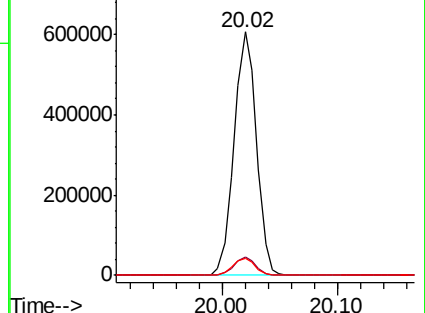
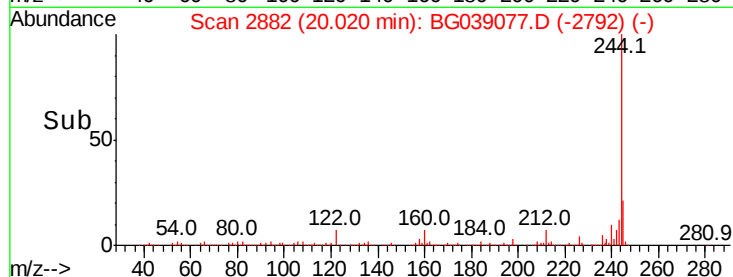
122 7.1 6.1 9.1



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: 42.110 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

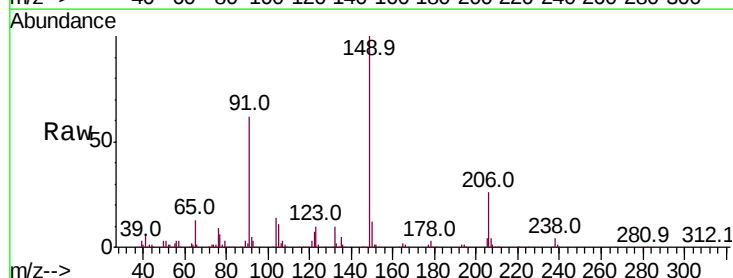
Tgt Ion:149 Resp: 196738

Ion Ratio Lower Upper

149 100

91 62.2 51.4 77.0

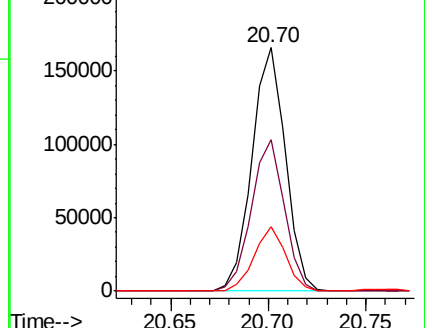
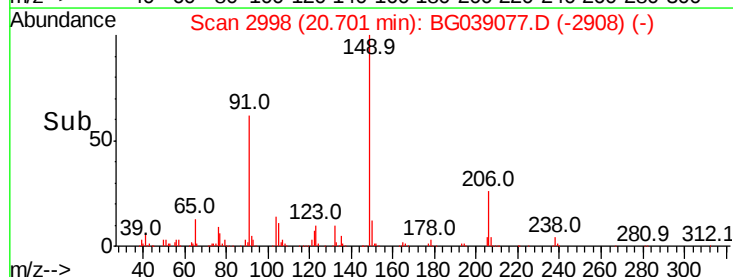
206 26.4 20.4 30.6

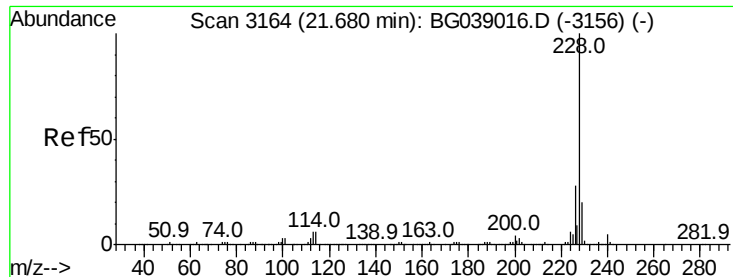


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.078 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039077.D

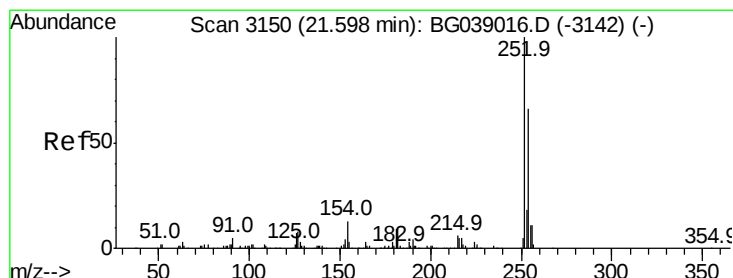
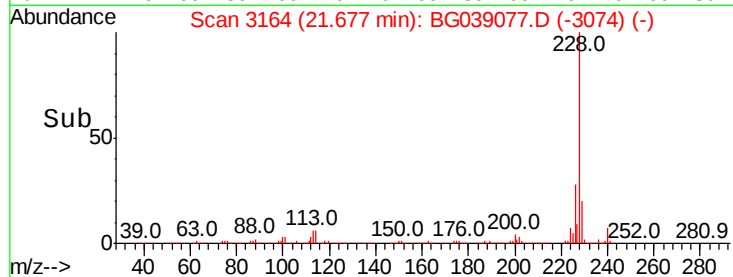
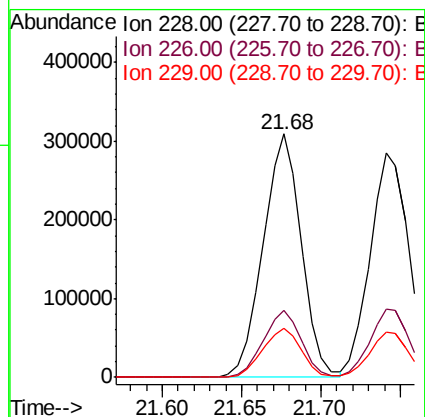
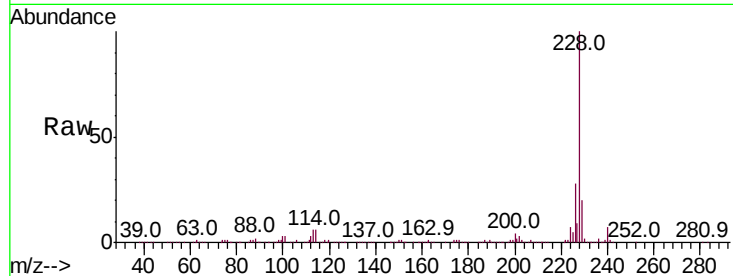
Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	517195
Ion	Ratio	Lower Upper
228	100	
226	27.5	22.4 33.6
229	19.9	16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 11.594 ng

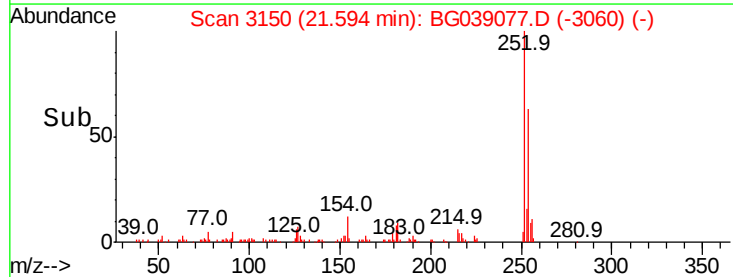
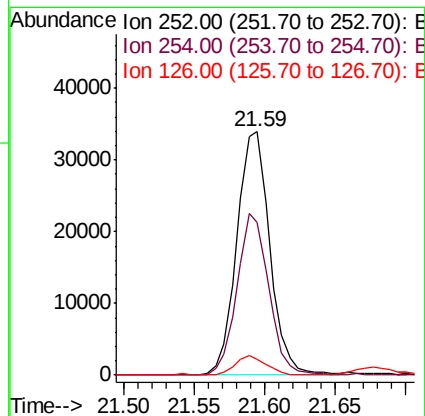
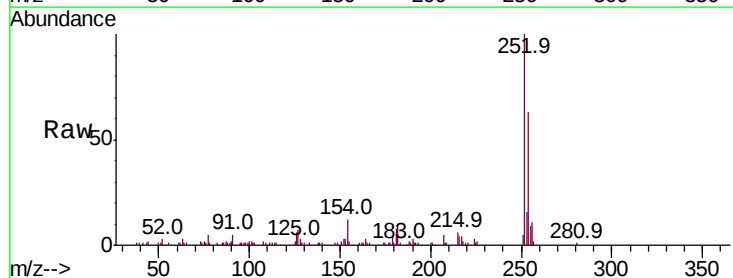
RT: 21.59 min Scan# 3150

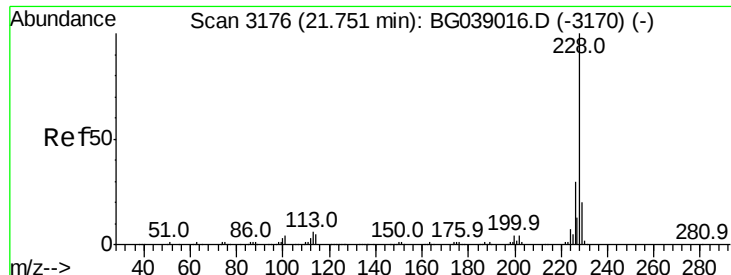
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:252	Resp:	55431
Ion	Ratio	Lower Upper
252	100	
254	62.7	53.0 79.6
126	6.2	6.0 9.0

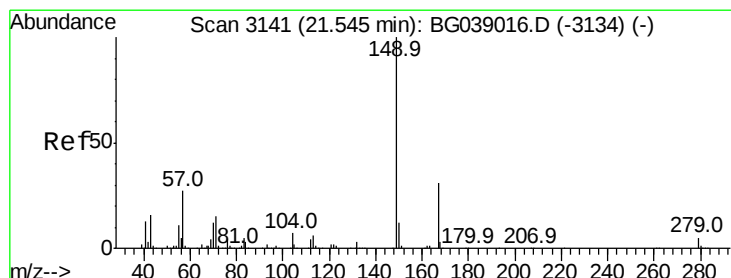
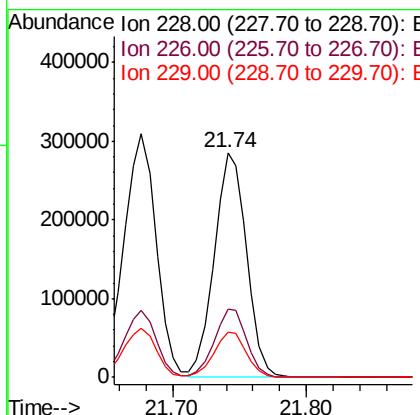
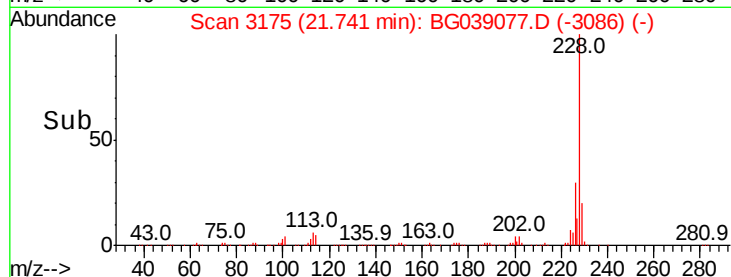
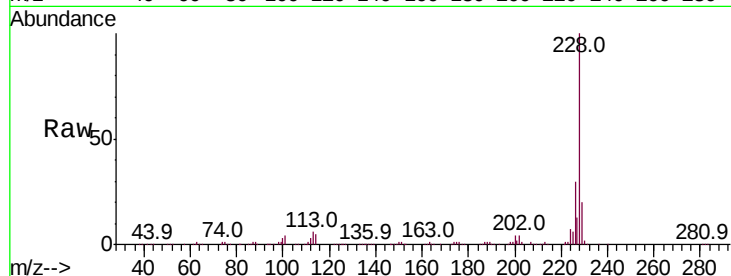




#83
 Chrysene
 Concen: 43.152 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

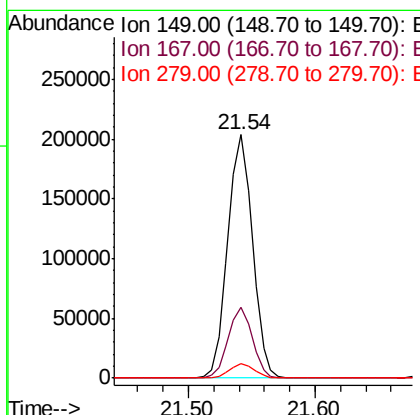
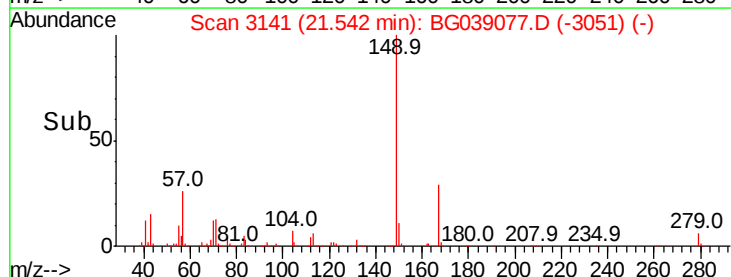
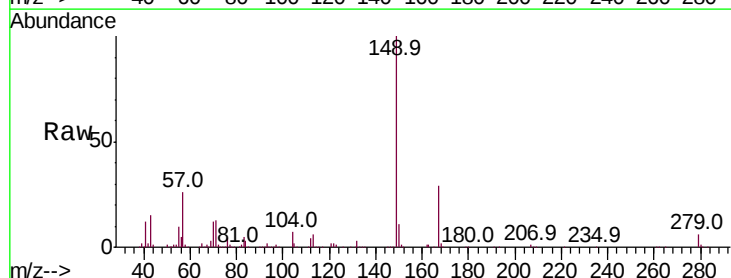
Instrument :
 BNA_G
 ClientSampleId :

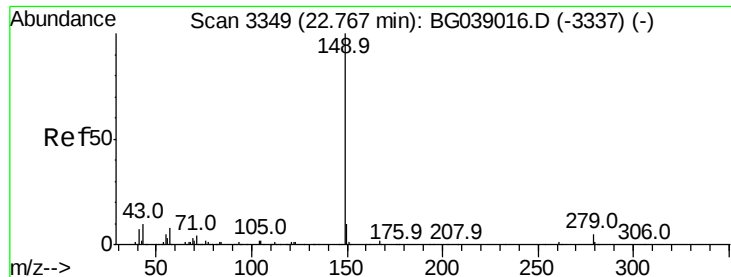
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.1	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.478 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	5.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 42.941 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

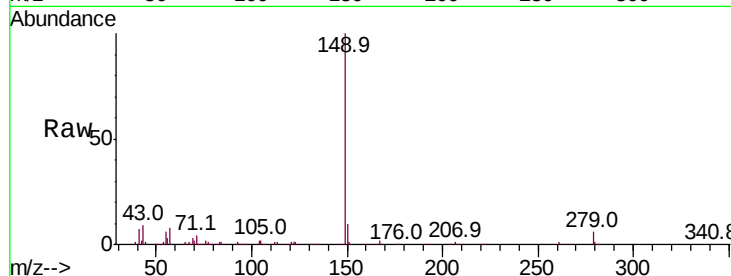
Tot Ion:149 Resp: 471028

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

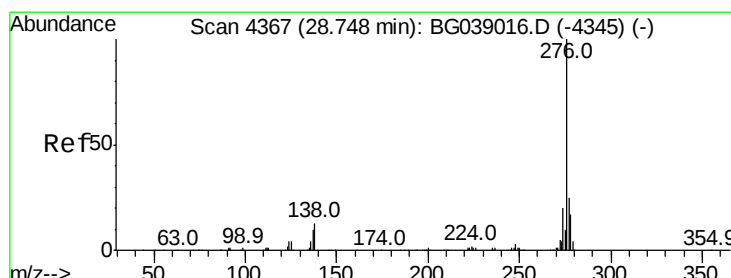
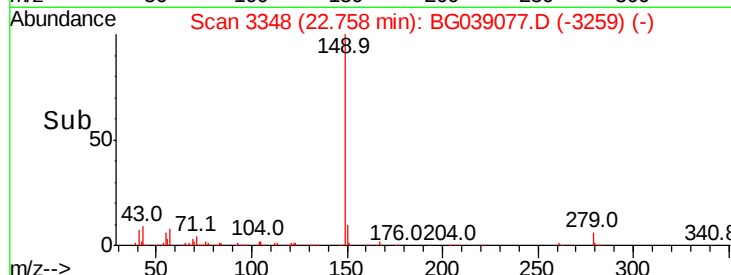
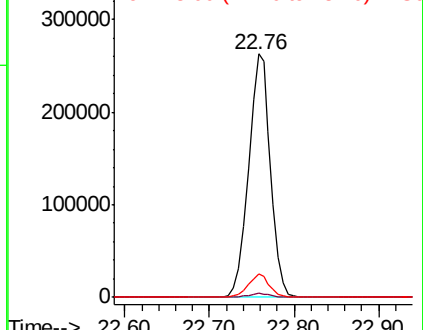
43 9.0 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.715 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.02 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

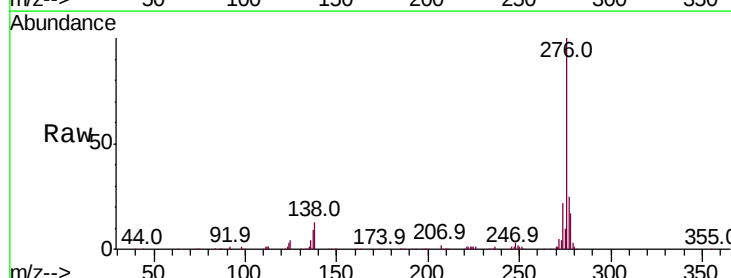
Tgt Ion:276 Resp: 609606

Ion Ratio Lower Upper

276 100

138 8.1 8.0 12.0

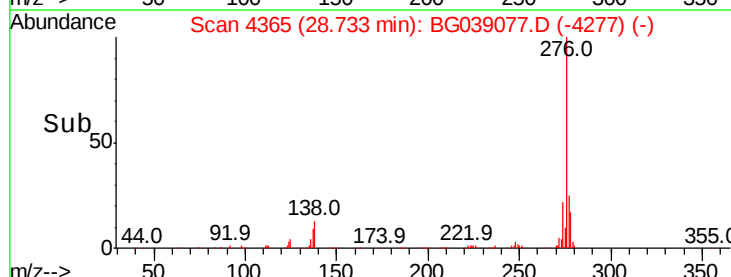
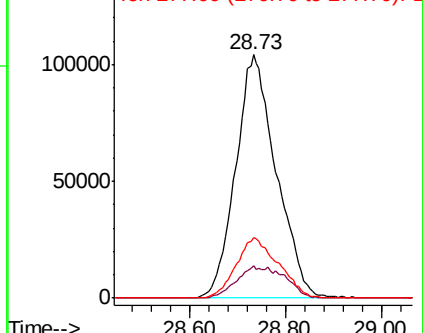
277 26.0 20.3 30.5

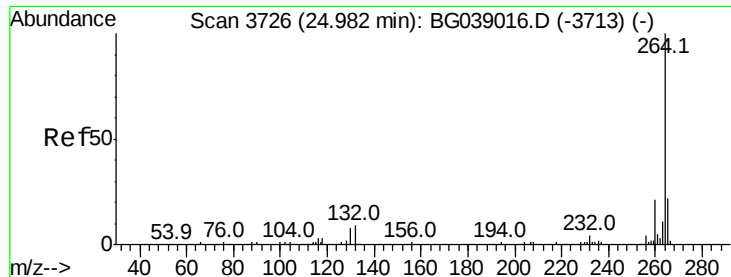


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

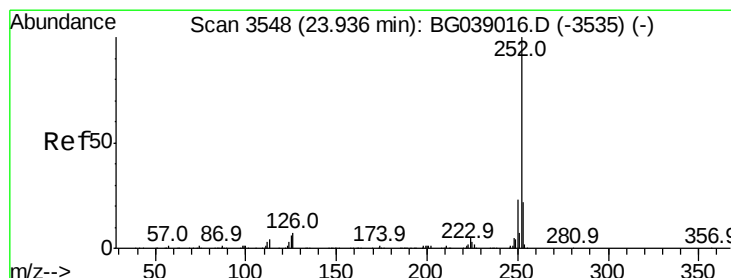
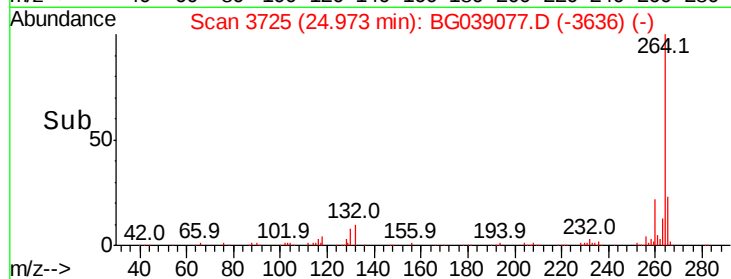
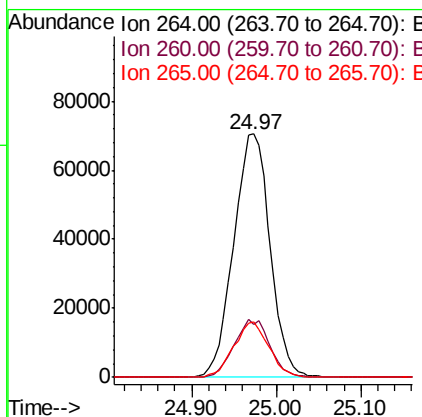
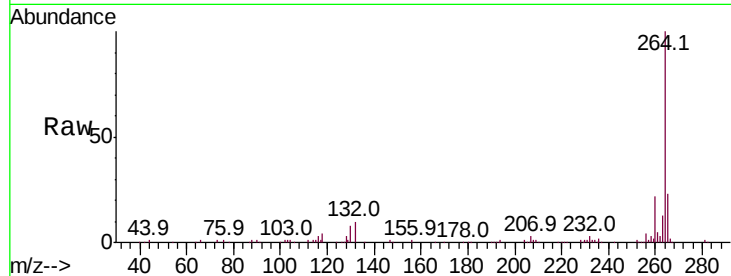




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

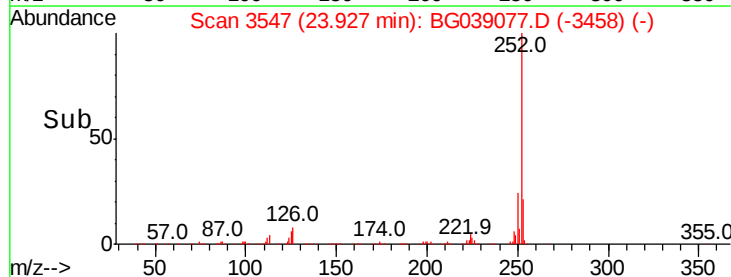
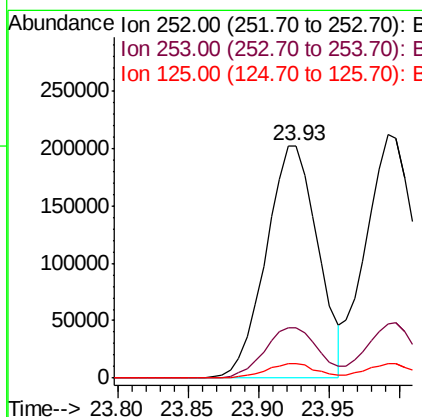
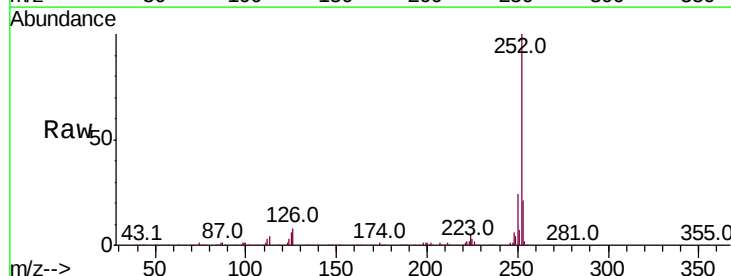
Instrument :
BNA_G
ClientSampleId :

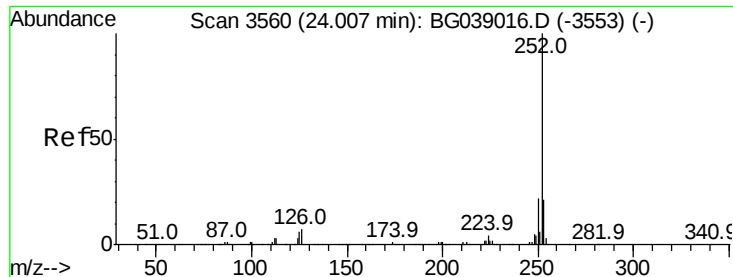
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.0	25.6
265	23.0	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 44.732 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	6.3	4.9	7.3

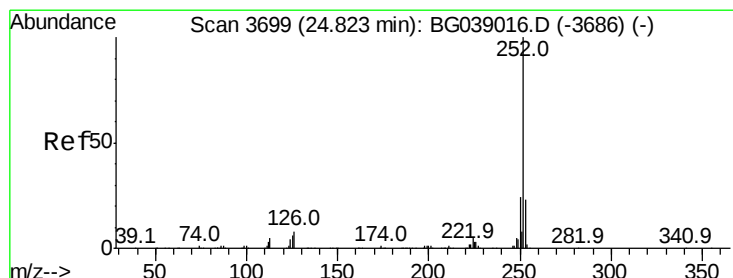
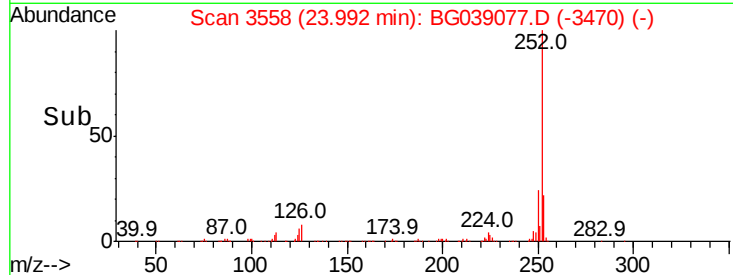
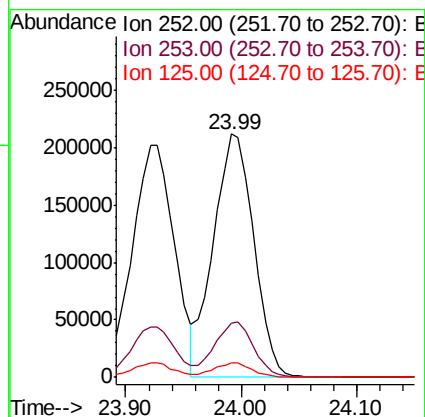
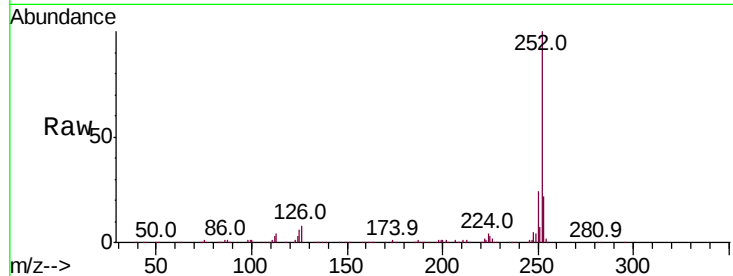




#89
Benzo(k)fluoranthene
Concen: 44.888 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

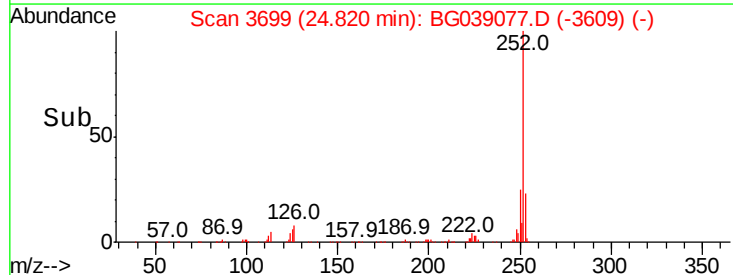
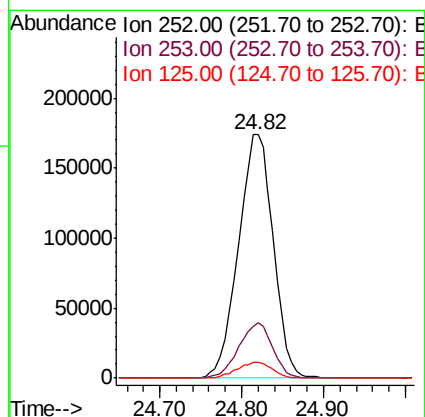
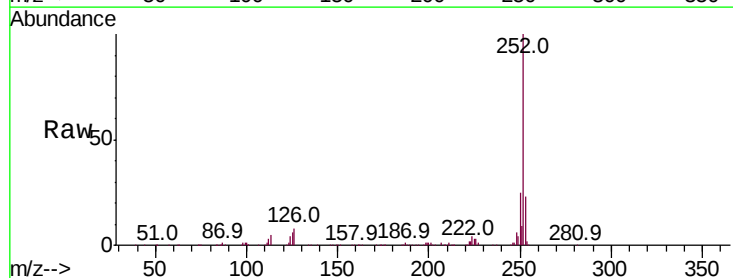
Instrument :
BNA_G
ClientSampled :

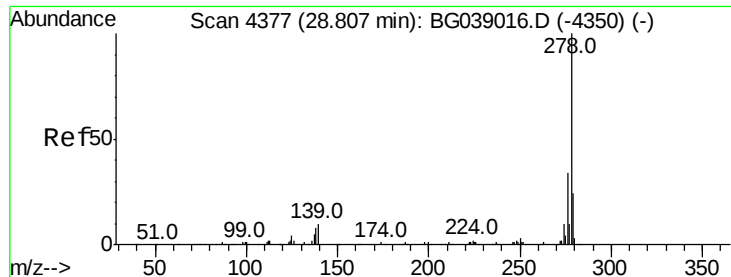
Tot Ion:252 Resp: 514333
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.0 4.6 7.0



#90
Benzo(a)pyrene
Concen: 45.821 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion:252 Resp: 513259
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 6.3 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 45.878 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

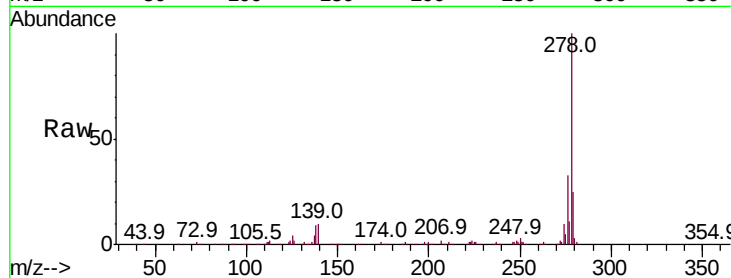
Tot Ion:278 Resp: 511163

Ion Ratio Lower Upper

278 100

139 9.8 7.9 11.9

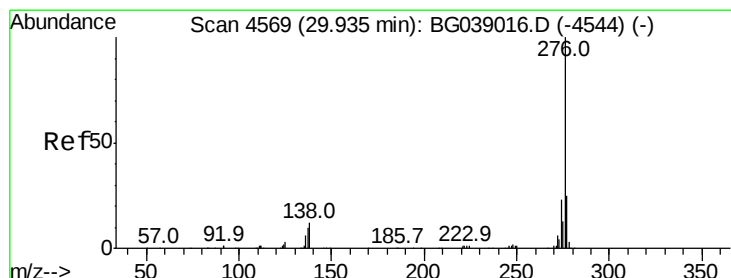
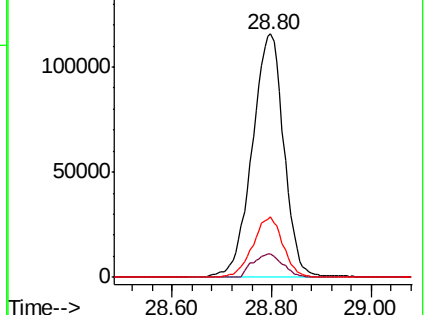
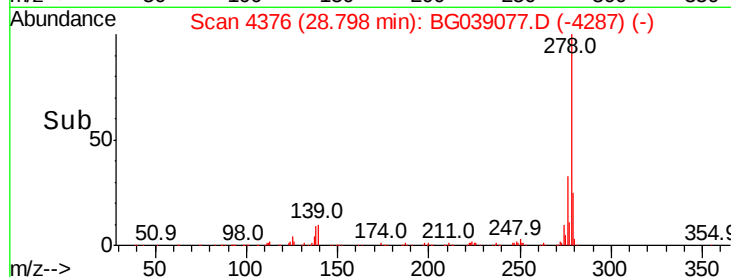
279 24.7 19.3 28.9



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: 45.831 ng

RT: 29.91 min Scan# 4566

Delta R.T. -0.02 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

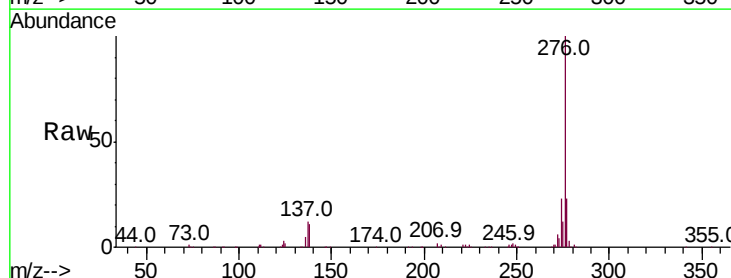
Tgt Ion:276 Resp: 505524

Ion Ratio Lower Upper

276 100

277 23.3 20.3 30.5

138 11.1 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

