

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039090.D
 Acq On : 11 Jan 2019 18:09
 Operator : JU/SJ
 Sample : PB116318BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Quant Time: Jan 12 00:27:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22207	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95690	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66968	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	186243	20.00	ng	0.00
76) Chrysene-d12	21.70	240	200158	20.00	ng	0.00
87) Perylene-d12	24.97	264	212525	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	209708	179.14	ng	0.00
7) Phenol-d6	7.19	99	285152	169.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	134402	76.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	163359	145.52	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	375476	76.73	ng	0.00
79) Terphenyl-d14	20.02	244	832613	76.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	20194	44.050	ng	96
3) Pyridine	3.86	79	54088	43.421	ng	92
4) n-Nitrosodimethylamine	3.78	42	27696	49.410	ng	88
6) Aniline	7.35	93	60912	30.105	ng	98
8) 2-Chlorophenol	7.59	128	65825	47.701	ng	98
9) Benzaldehyde	7.17	77	21597	22.229	ng	89
10) Phenol	7.21	94	84390	49.963	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	55948	43.339	ng	95
12) 1,3-Dichlorobenzene	7.91	146	64042	38.735	ng	96
13) 1,4-Dichlorobenzene	8.06	146	66843	39.919	ng	95
14) 1,2-Dichlorobenzene	8.38	146	65803	41.216	ng	96
15) Benzyl Alcohol	8.27	79	53254	41.974	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	97489	39.383	ng	98
17) 2-Methylphenol	8.47	107	55364	47.205	ng	99
18) Hexachloroethane	9.10	117	21489	37.775	ng	89
19) n-Nitroso-di-n-propylamine	8.83	70	43016	38.882	ng	# 90
20) 3+4-Methylphenols	8.80	107	73034	43.676	ng	98
22) Acetophenone	8.86	105	88142	35.272	ng	# 96
24) Nitrobenzene	9.25	77	63641	36.005	ng	98
25) Isophorone	9.76	82	121160	40.222	ng	99
26) 2-Nitrophenol	9.96	139	36242	37.907	ng	98
27) 2,4-Dimethylphenol	10.00	122	61172	45.479	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	78653	43.445	ng	99
29) 2,4-Dichlorophenol	10.49	162	73036	43.708	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	76676	38.189	ng	96
31) Naphthalene	10.89	128	197397	41.131	ng	99
32) Benzoic acid	10.16	122	27106	35.764	ng	95
33) 4-Chloroaniline	11.01	127	50617	23.571	ng	97
34) Hexachlorobutadiene	11.15	225	47343	34.269	ng	96
35) Caprolactam	11.80	113	25535	38.108	ng	89
36) 4-Chloro-3-methylphenol	12.12	107	77921	43.598	ng	91
37) 2-Methylnaphthalene	12.49	142	148472	41.263	ng	98
38) 1-Methylnaphthalene	12.71	142	141943	41.099	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	94429	37.546	ng	99

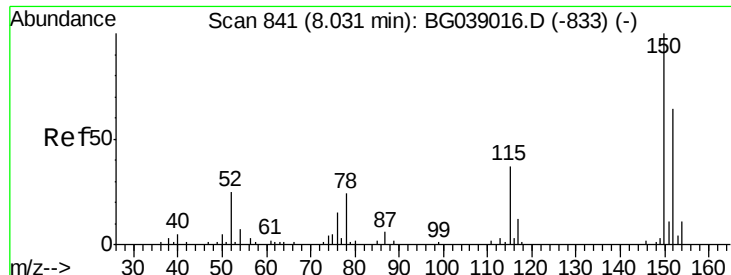
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039090.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107864	76.425	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	64058	40.469	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	71777	42.903	ng	97
46) 1,1'-Biphenyl	13.50	154	195765	36.892	ng	97
47) 2-Chloronaphthalene	13.55	162	159296	37.097	ng	98
48) 2-Nitroaniline	13.76	65	50958	42.359	ng	95
49) Acenaphthylene	14.39	152	269025	41.682	ng	99
50) Dimethylphthalate	14.12	163	232486	41.082	ng	99
51) 2,6-Dinitrotoluene	14.25	165	52935	41.838	ng	98
52) Acenaphthene	14.73	154	153194	39.505	ng	98
53) 3-Nitroaniline	14.59	138	34742	27.068	ng	92
54) 2,4-Dinitrophenol	14.80	184	41893	57.039	ng	93
55) Dibenzofuran	15.06	168	271492	39.641	ng	99
56) 4-Nitrophenol	14.90	139	81692	88.459	ng	93
57) 2,4-Dinitrotoluene	15.04	165	78435	43.210	ng	97
58) Fluorene	15.71	166	228332	44.291	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	73186	46.342	ng	97
60) Diethylphthalate	15.47	149	243691	41.795	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	127112	39.137	ng	99
62) 4-Nitroaniline	15.76	138	56669	42.383	ng	99
63) Azobenzene	15.99	77	188412	41.321	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	42830	31.041	ng	98
66) n-Nitrosodiphenylamine	15.92	169	211792	38.360	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	85718	35.804	ng	97
68) Hexachlorobenzene	16.71	284	92213	35.299	ng	96
69) Atrazine	16.86	200	79971	34.096	ng	98
70) Pentachlorophenol	17.07	266	89952	57.490	ng	95
71) Phenanthrene	17.46	178	396952	40.323	ng	99
72) Anthracene	17.55	178	410569	42.182	ng	100
73) Carbazole	17.82	167	361843	37.659	ng	99
74) Di-n-butylphthalate	18.35	149	417419	39.051	ng	99
75) Fluoranthene	19.47	202	507849	41.614	ng	99
77) Benzidine	19.65	184	168721	27.559	ng	98
78) Pyrene	19.83	202	505240	39.609	ng	99
80) Butylbenzylphthalate	20.70	149	194272	40.044	ng	100
81) Benzo(a)anthracene	21.67	228	498138	40.883	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	119266	24.023	ng	98
83) Chrysene	21.74	228	467285	40.323	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	267373	39.691	ng	96
85) Di-n-octyl phthalate	22.75	149	462122	40.570	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	584948	42.243	ng	# 96
88) Benzo(b)fluoranthene	23.92	252	501514	42.796	ng	100
89) Benzo(k)fluoranthene	23.99	252	494059	42.641	ng	97
90) Benzo(a)pyrene	24.82	252	492012	43.437	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	485484	43.091	ng	100
92) Benzo(g,h,i)perylene	29.92	276	481871	43.203	ng	95

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

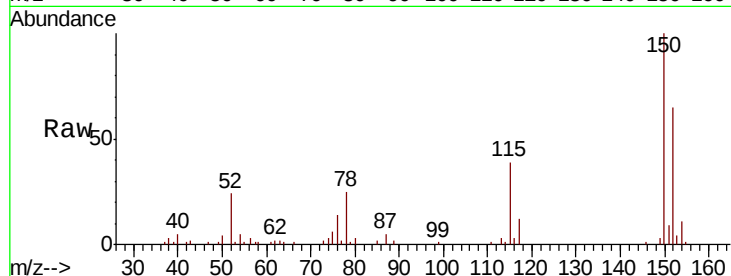


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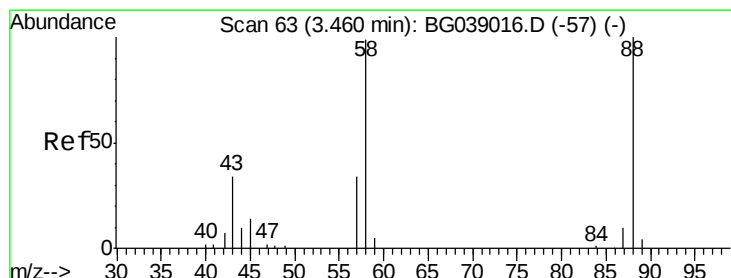
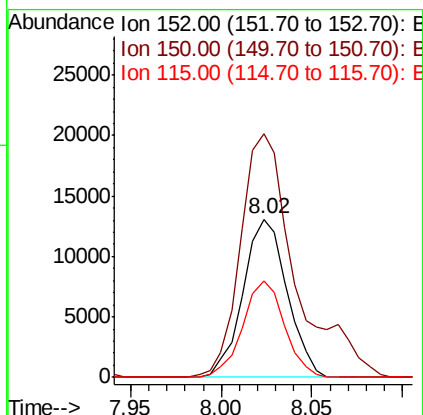
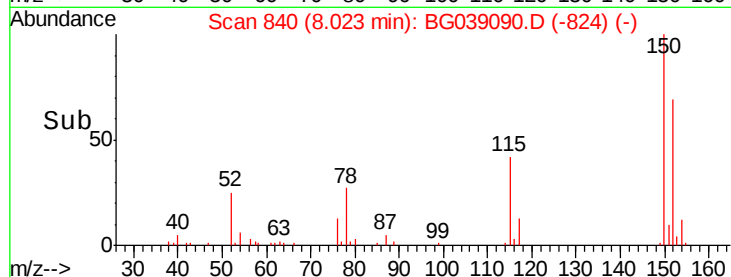
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:152 Resp: 22207
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 60.6 46.5 69.7



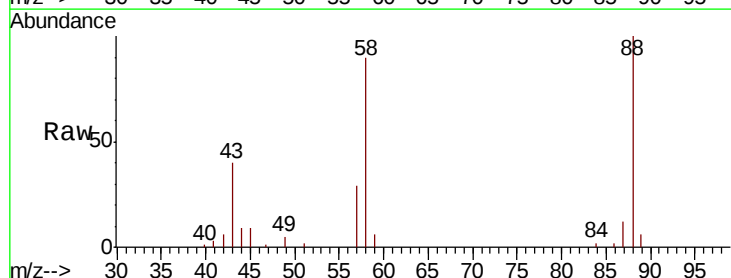
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



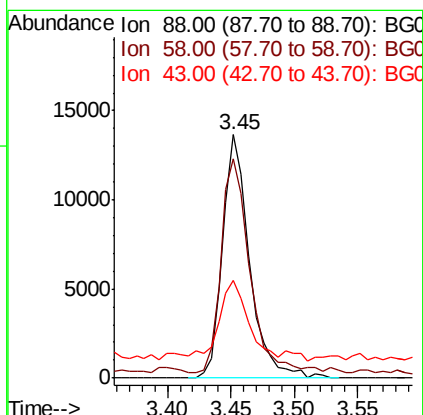
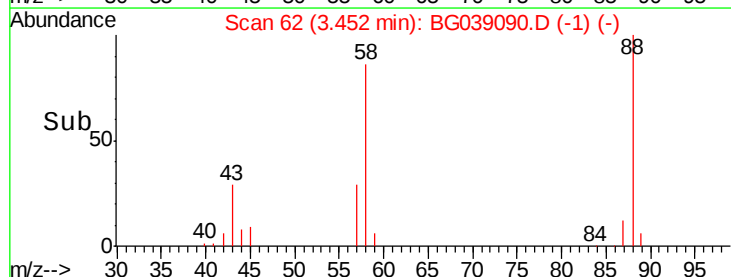
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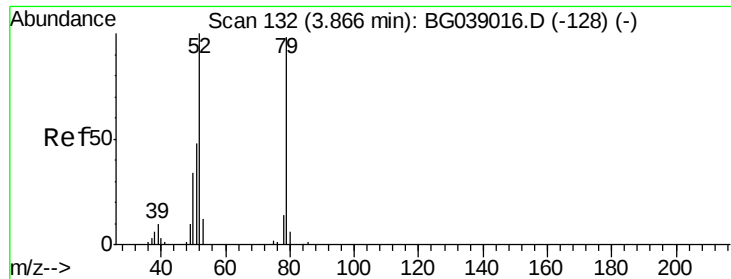
1,4-Dioxane
Concen: 44.050 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion: 88 Resp: 20194
Ion Ratio Lower Upper
88 100
58 93.9 72.4 108.6
43 32.4 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.421 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

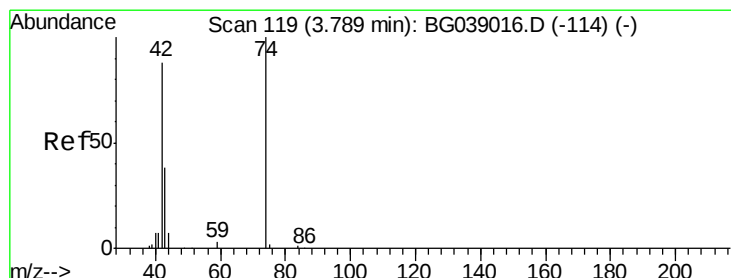
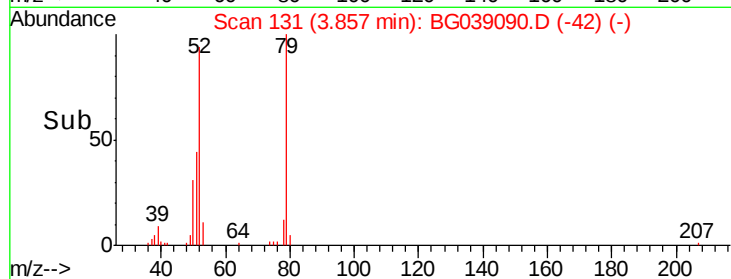
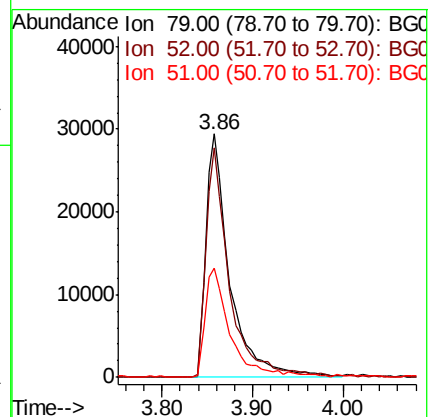
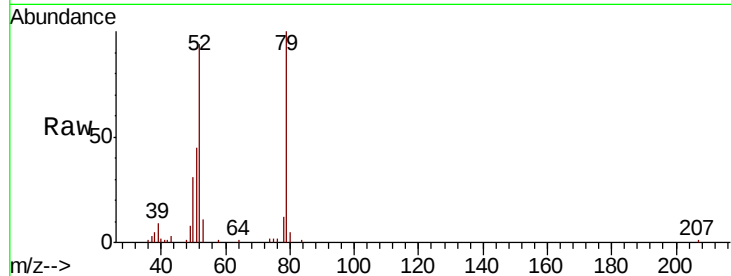
Tot Ion: 79 Resp: 54088

Ion Ratio Lower Upper

79 100

52 94.1 81.5 122.3

51 44.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 49.410 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

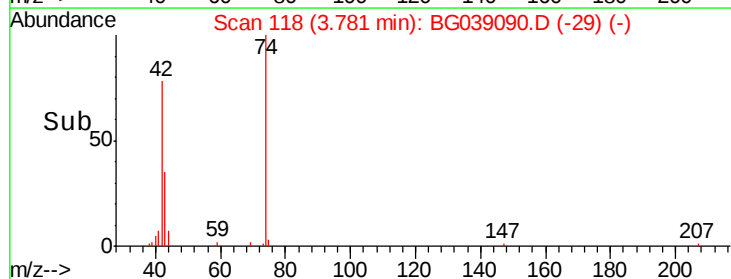
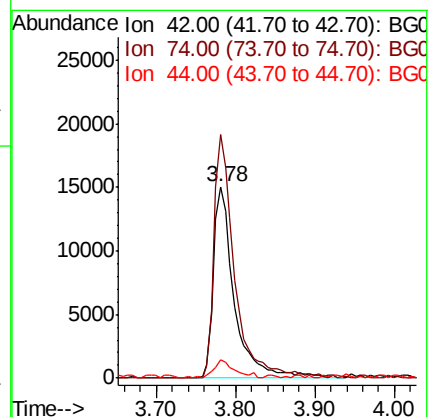
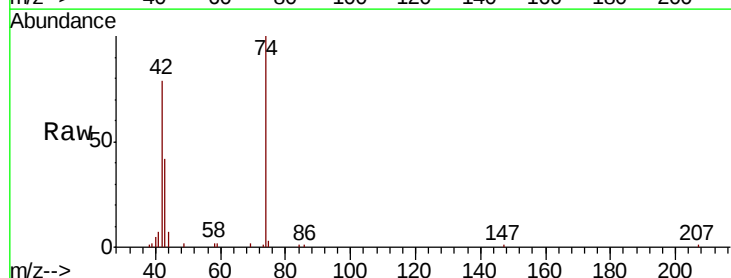
Tgt Ion: 42 Resp: 27696

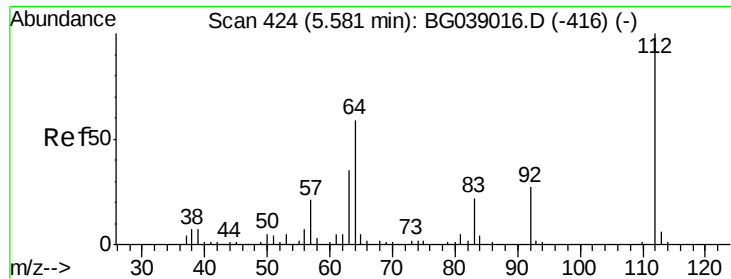
Ion Ratio Lower Upper

42 100

74 127.3 90.7 136.1

44 9.3 6.5 9.7





#5

2-Fluorophenol

Concen: 179.138 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

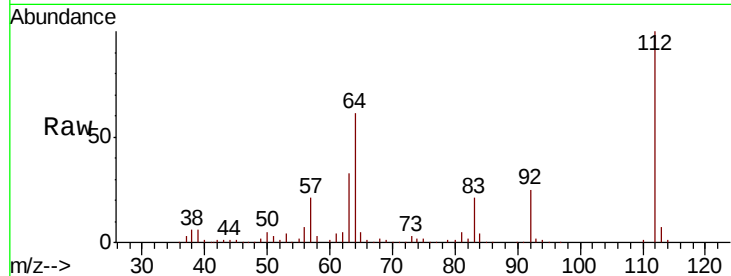
Tot Ion:112 Resp: 209708

Ion Ratio Lower Upper

112 100

64 61.1 47.0 70.6

63 33.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

150000

100000

50000

0

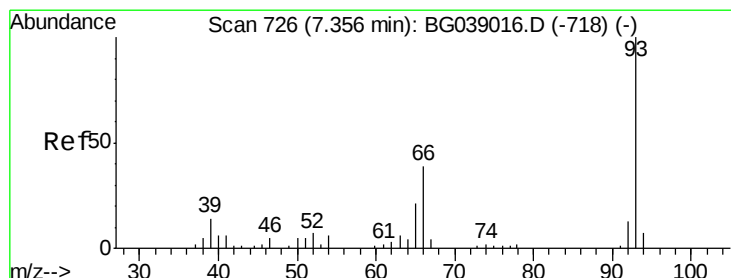
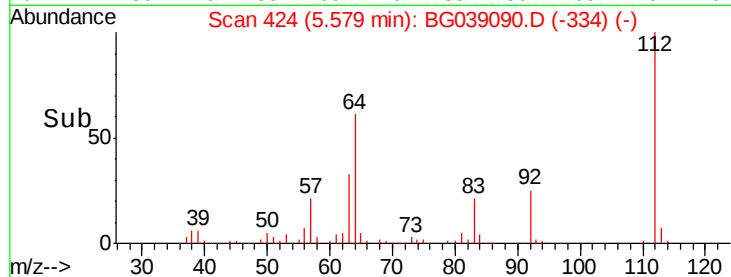
5.58

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 30.105 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

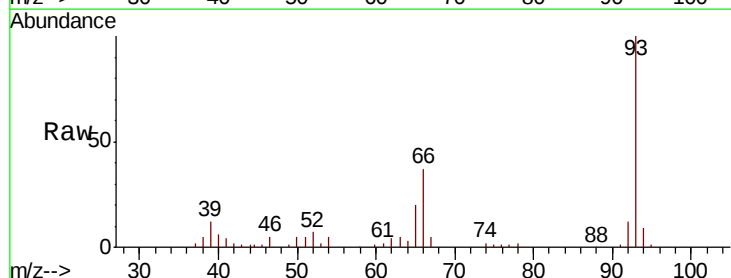
Tgt Ion: 93 Resp: 60912

Ion Ratio Lower Upper

93 100

66 37.0 30.9 46.3

65 20.5 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

40000

30000

20000

10000

0

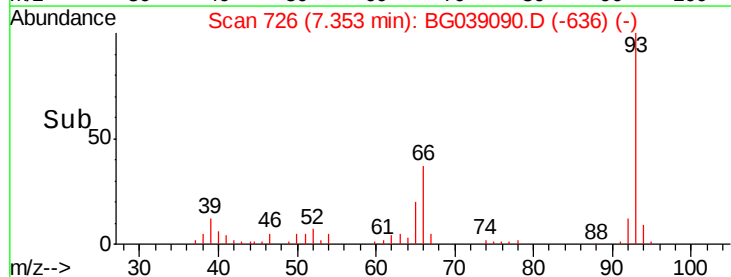
7.35

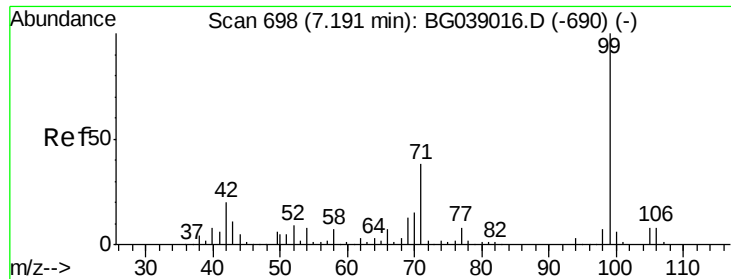
7.30

7.35

7.40

Time-->





#7

Phenol-d6

Concen: 169.258 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

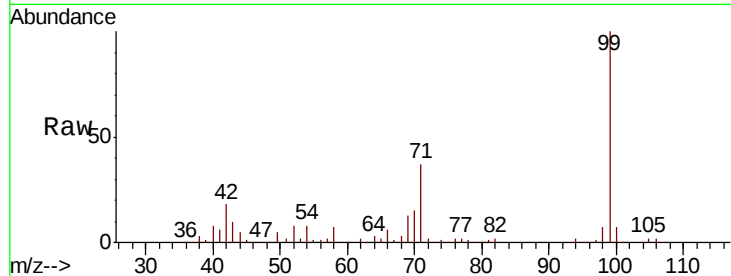
Tot Ion: 99 Resp: 285152

Ion Ratio Lower Upper

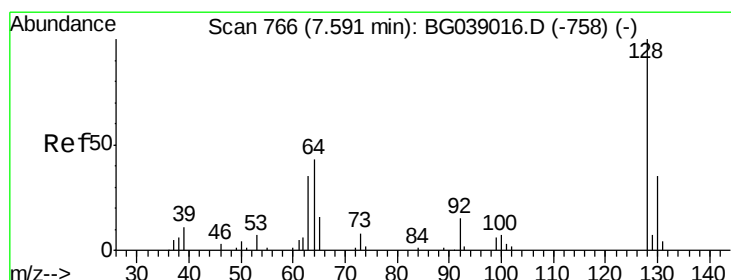
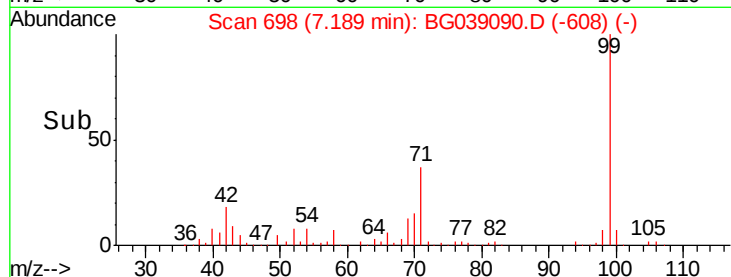
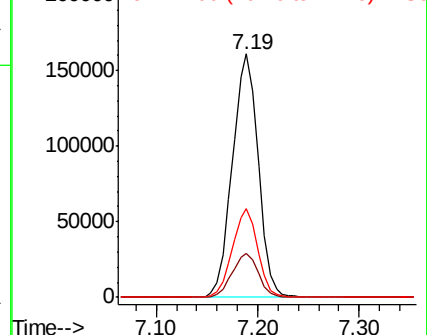
99 100

42 18.1 15.8 23.6

71 36.7 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: 47.701 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

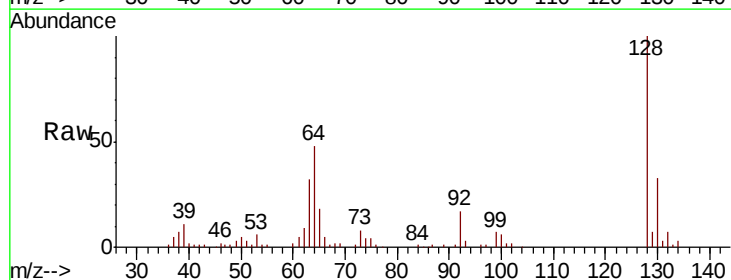
Tgt Ion: 128 Resp: 65825

Ion Ratio Lower Upper

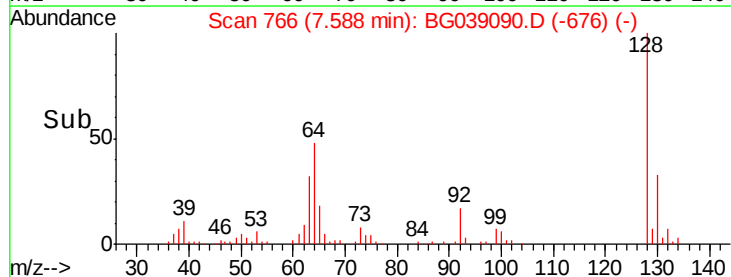
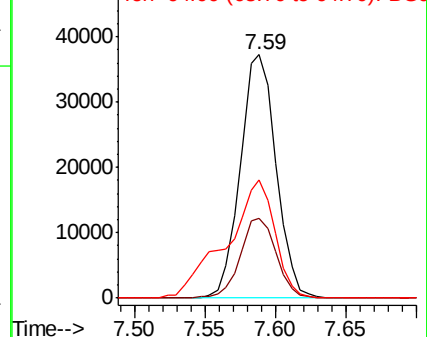
128 100

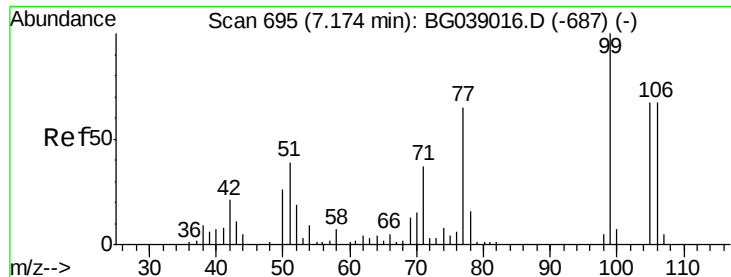
130 32.6 14.5 54.5

64 48.5 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: 22.229 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

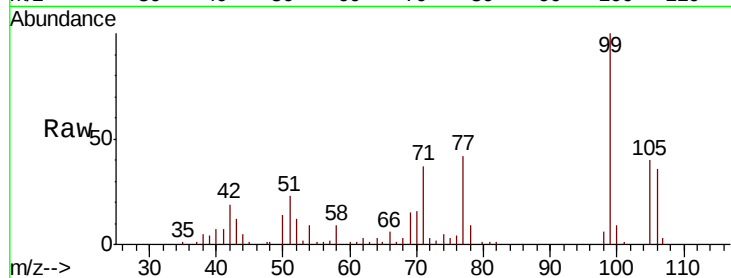
Tot Ion: 77 Resp: 21597

Ion Ratio Lower Upper

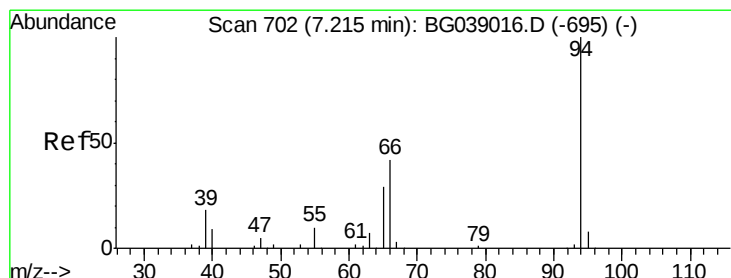
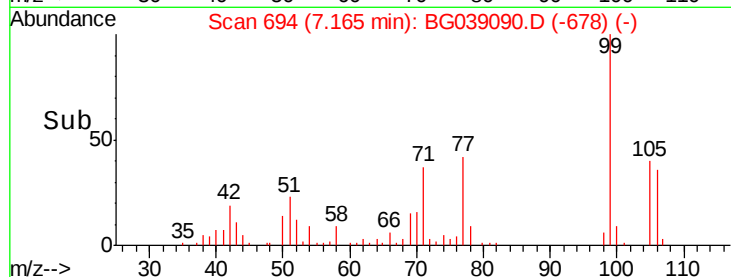
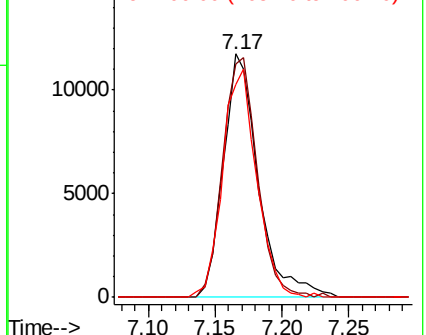
77 100

105 95.7 82.4 122.4

106 87.3 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: 49.963 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

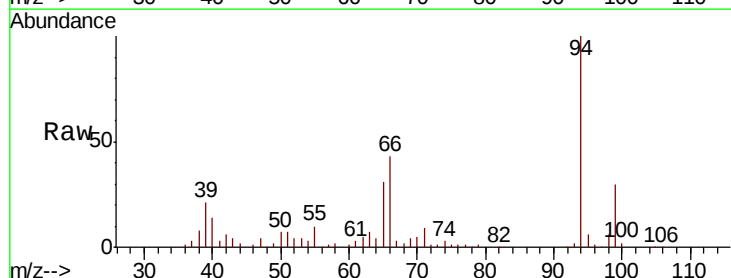
Tgt Ion: 94 Resp: 84390

Ion Ratio Lower Upper

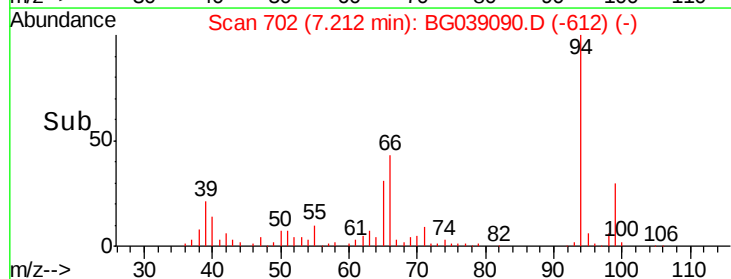
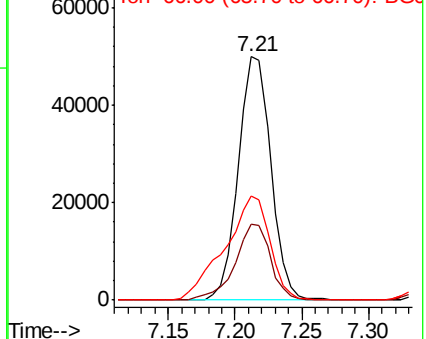
94 100

65 31.2 10.3 50.3

66 42.7 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: 43.339 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

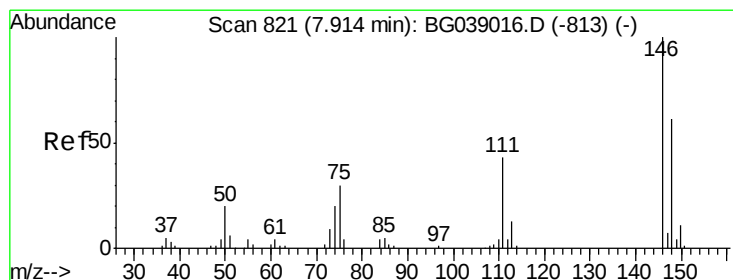
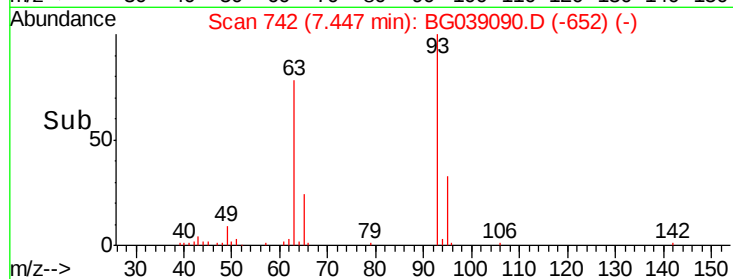
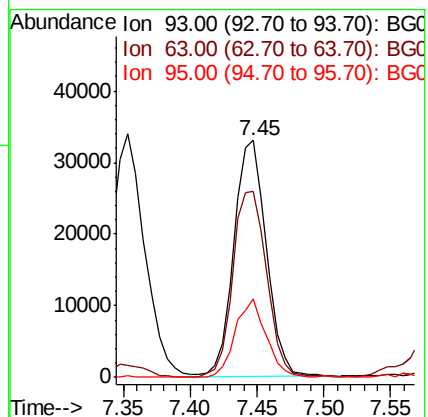
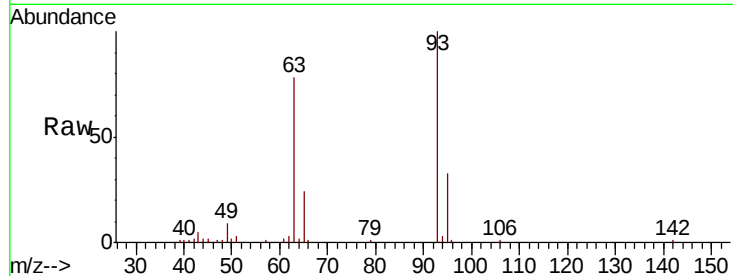
Tot Ion: 93 Resp: 55948

Ion Ratio Lower Upper

93 100

63 78.2 63.2 103.2

95 32.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 38.735 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

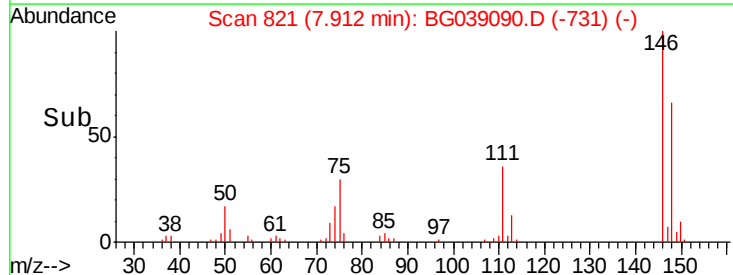
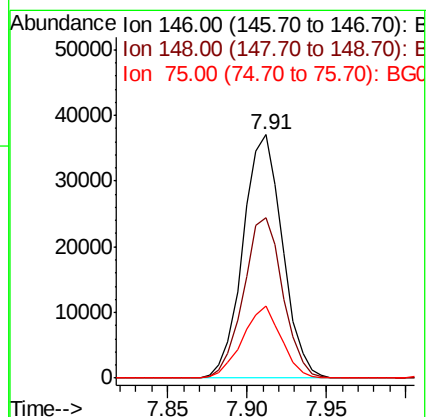
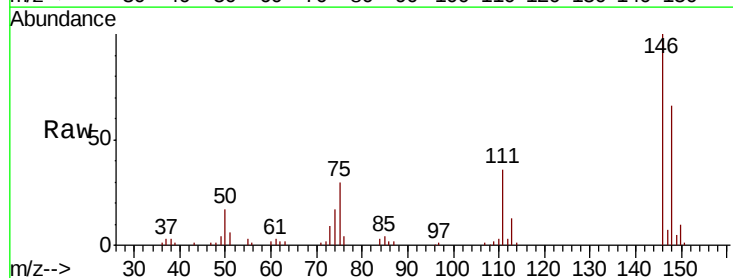
Tgt Ion: 146 Resp: 64042

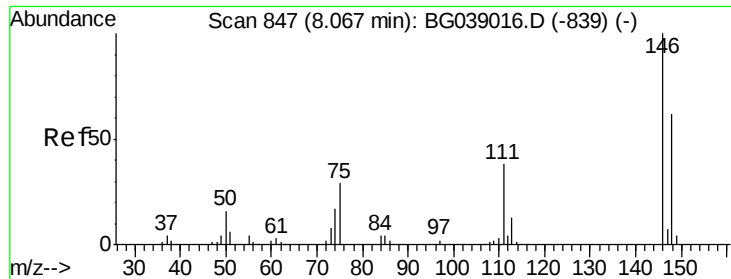
Ion Ratio Lower Upper

146 100

148 65.9 49.1 73.7

75 29.7 23.9 35.9

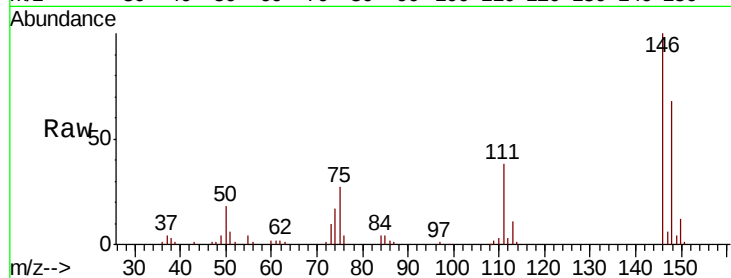




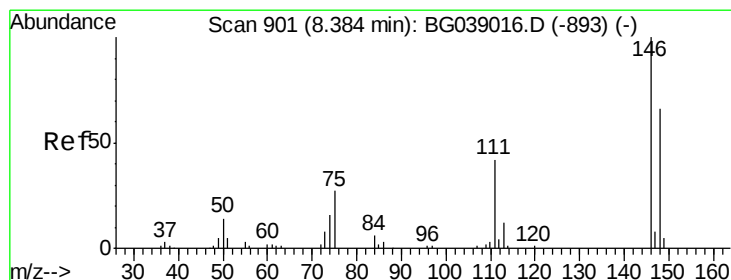
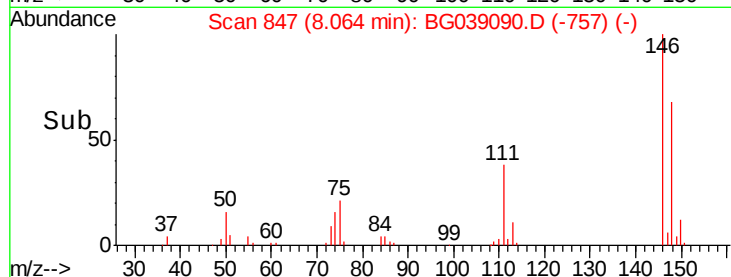
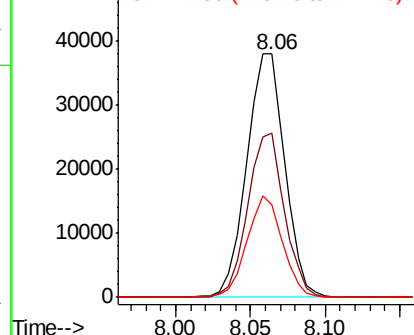
#13
 1,4-Dichlorobenzene
 Concen: 39.919 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Tot Ion:146 Resp: 66843
 Ion Ratio Lower Upper
 146 100
 148 67.5 49.8 74.6
 111 37.8 30.6 45.8

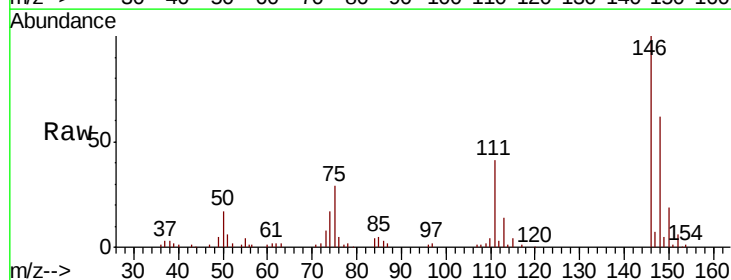


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

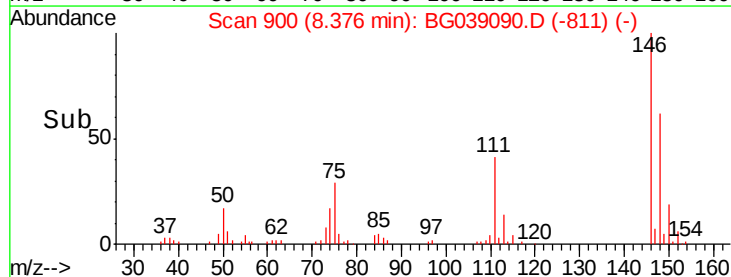
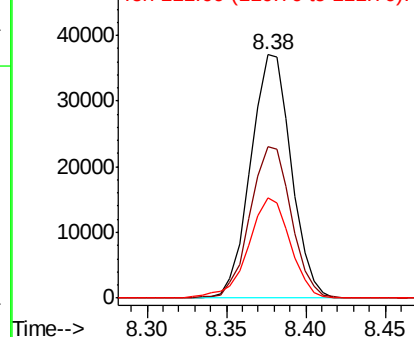


#14
 1,2-Dichlorobenzene
 Concen: 41.216 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion:146 Resp: 65803
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.6 79.0
 111 41.3 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: 41.974 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

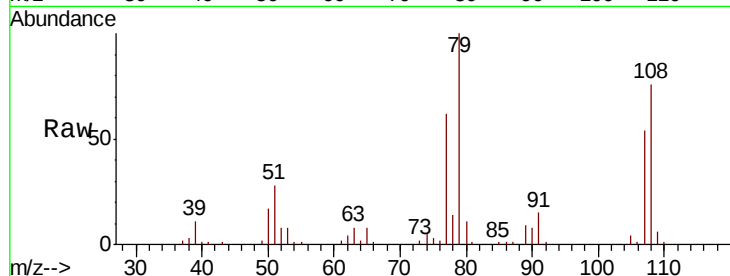
Tot Ion: 79 Resp: 53254

Ion Ratio Lower Upper

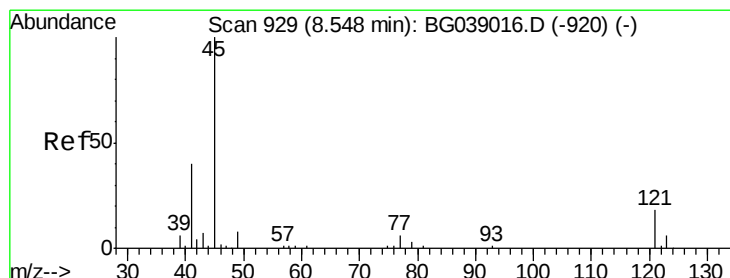
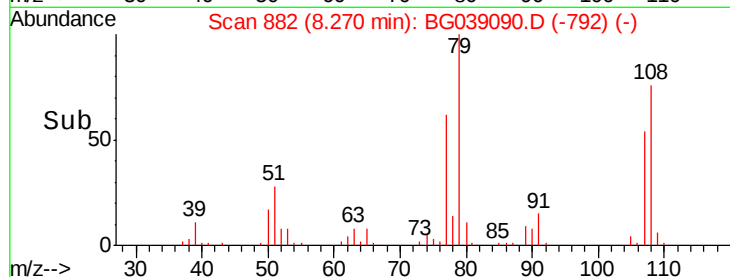
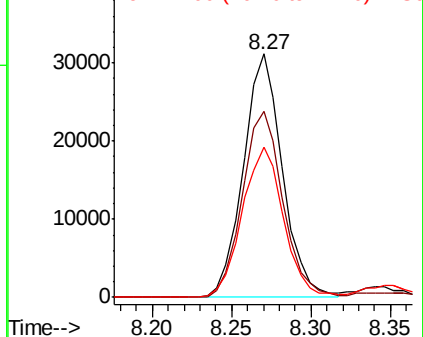
79 100

108 76.4 62.0 93.0

77 61.9 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.383 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

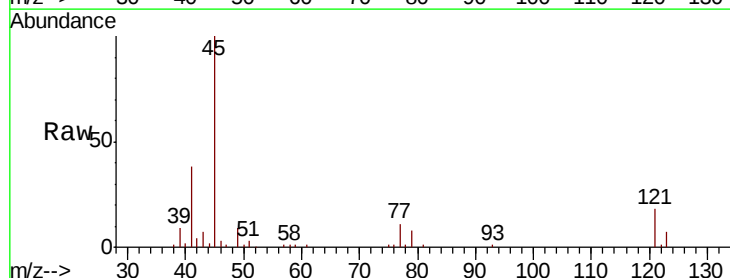
Tgt Ion: 45 Resp: 97489

Ion Ratio Lower Upper

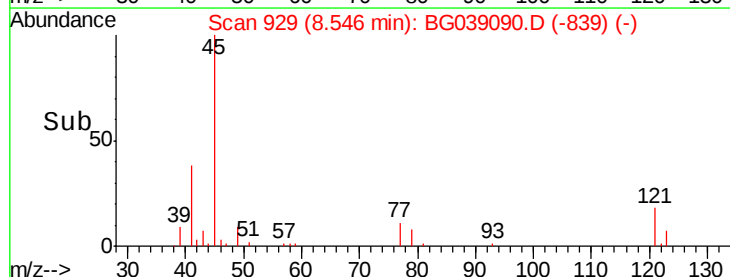
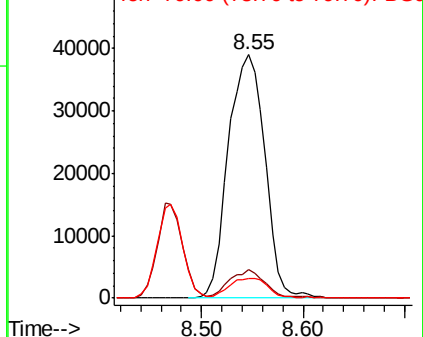
45 100

77 11.5 0.0 30.7

79 8.2 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

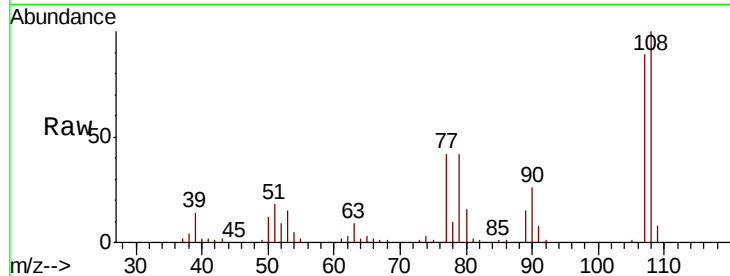




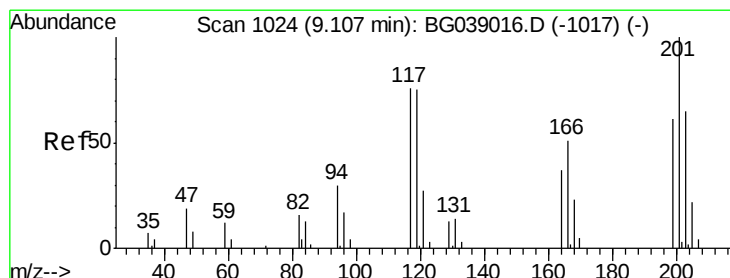
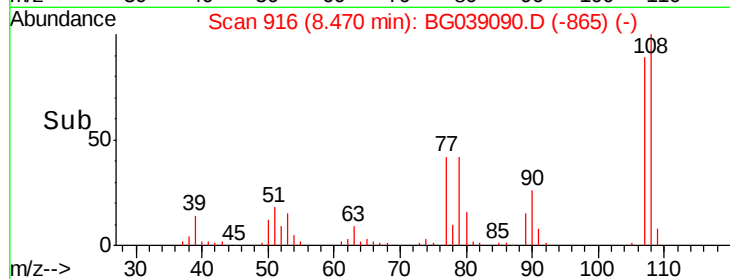
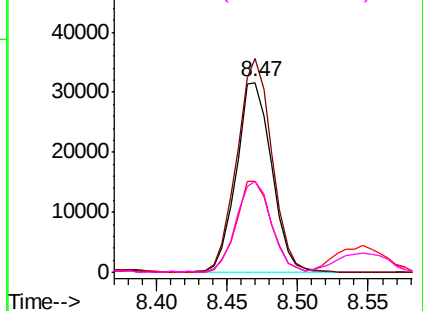
#17
2-Methylphenol
Concen: 47.205 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleID :
PB116318BS

Tot Ion:107 Resp: 55364
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 47.8 38.3 57.5
79 47.7 35.8 53.6

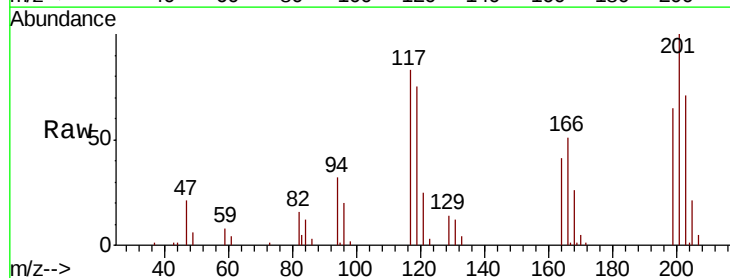


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

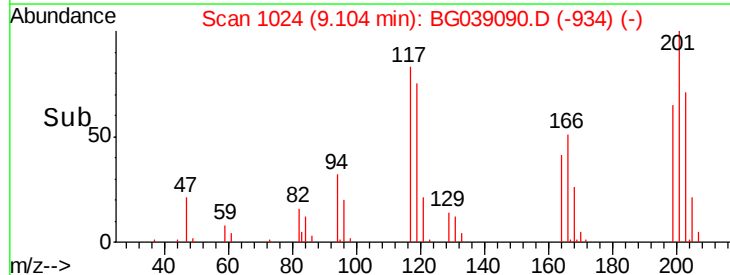
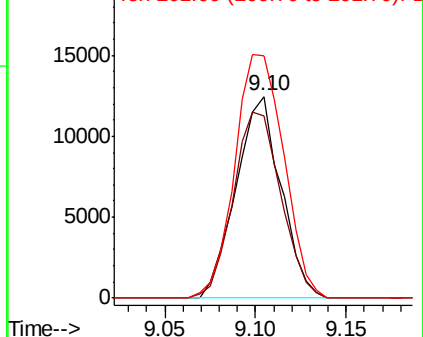


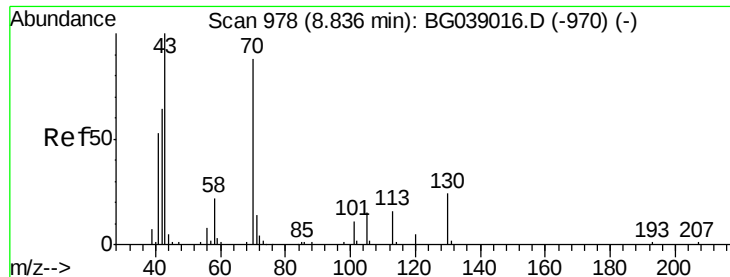
#18
Hexachloroethane
Concen: 37.775 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:117 Resp: 21489
Ion Ratio Lower Upper
117 100
119 90.3 78.7 118.1
201 120.0 108.1 162.1



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: 38.882 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

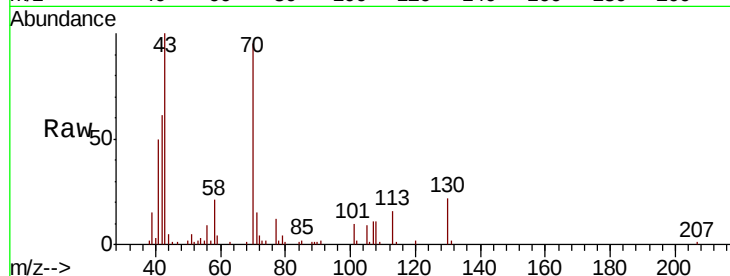
ClientSampleId :

PB116318BS

Tot Ion: 70 Resp: 43016

Ion Ratio Lower Upper

70	100		
42	64.4	59.0	88.4
101	10.0	10.4	15.6
130	23.5	21.6	32.4



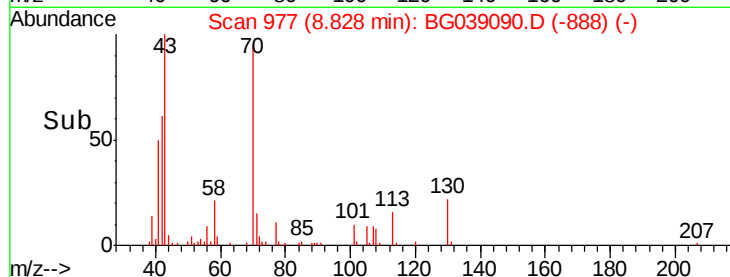
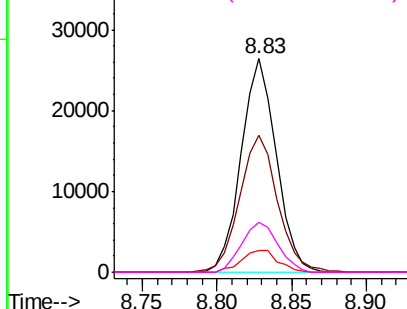
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.676 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Tgt Ion: 107 Resp: 73034

Ion Ratio Lower Upper

107	100		
108	85.4	68.4	108.4
77	32.2	13.3	53.3
79	31.7	11.6	51.6

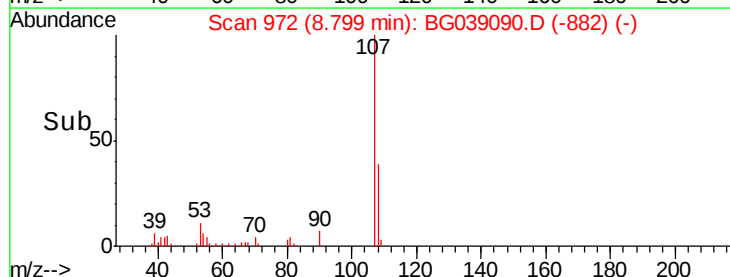
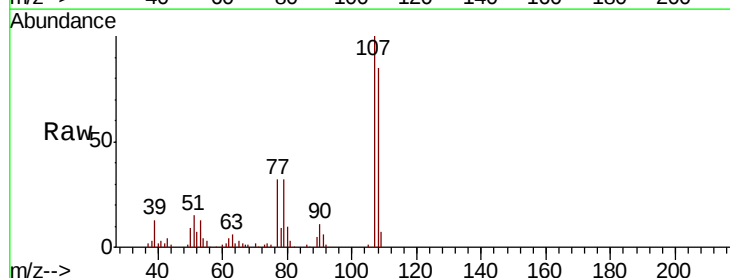
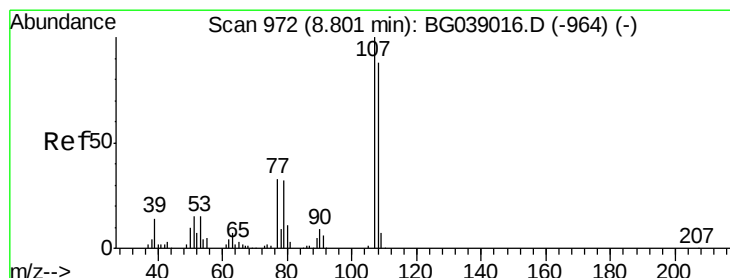
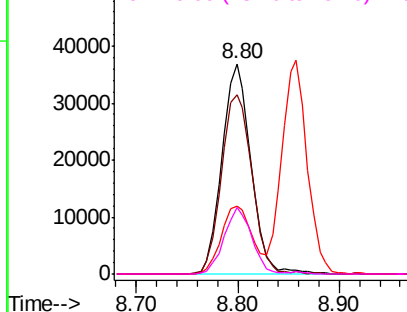
Abundance

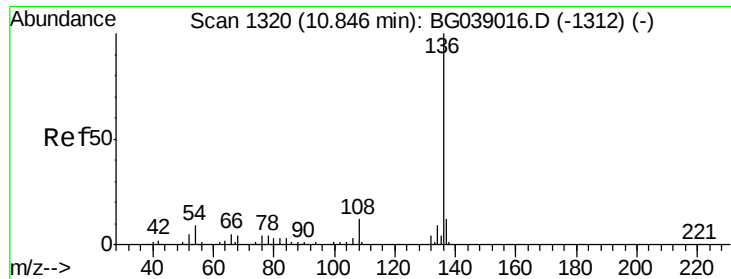
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

Tot Ion:136 Resp: 95690

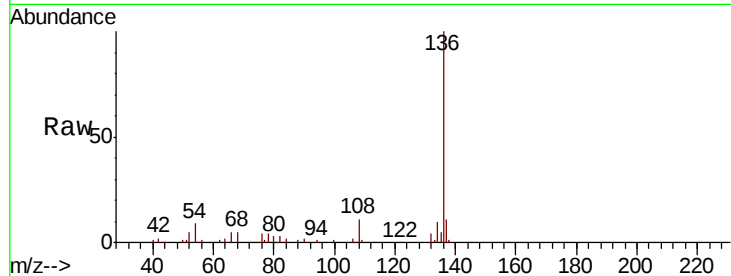
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.2

54 8.9 7.2 10.8

68 4.6 3.5 5.3

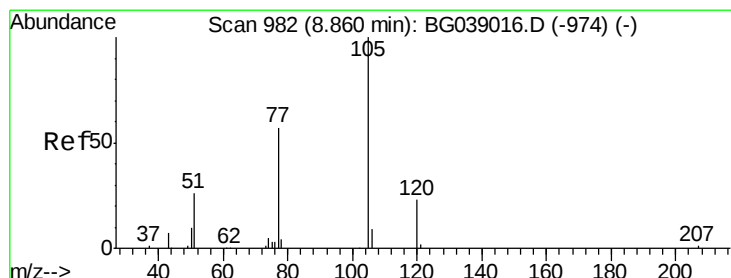
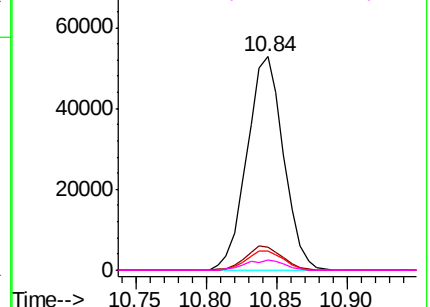
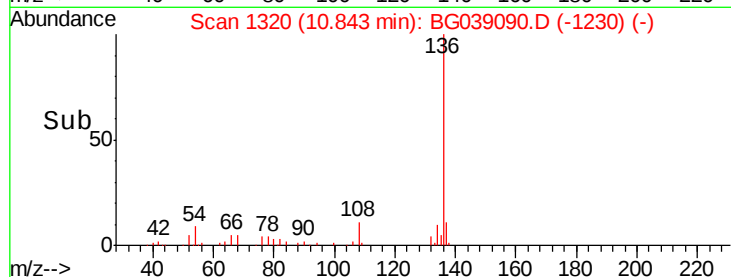


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.272 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Tgt Ion:105 Resp: 88142

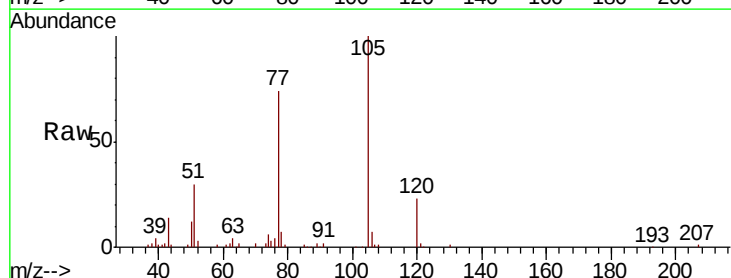
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 30.1 26.6 39.8

120 22.8 17.9 26.9

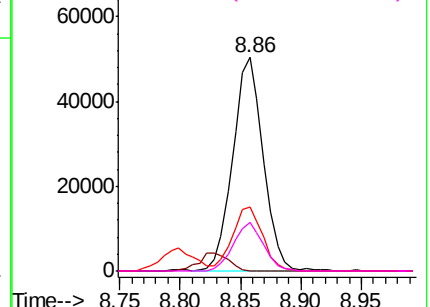
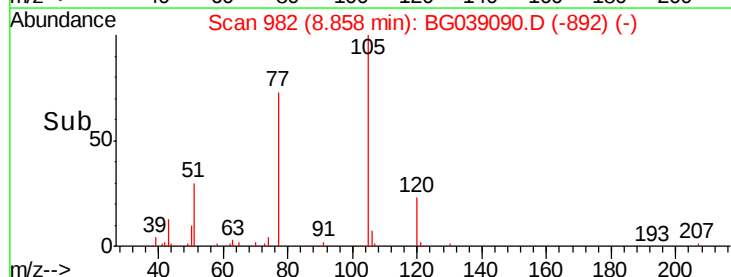


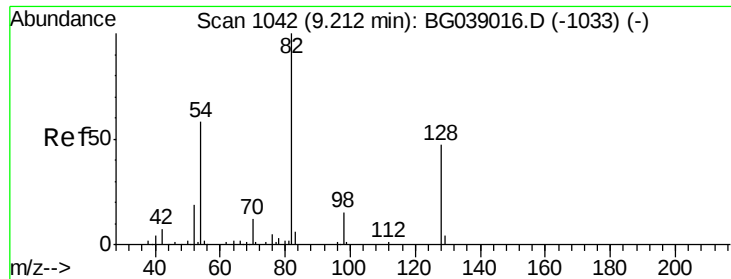
Abundance Ion 105.00 (104.70 to 105.70): E

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

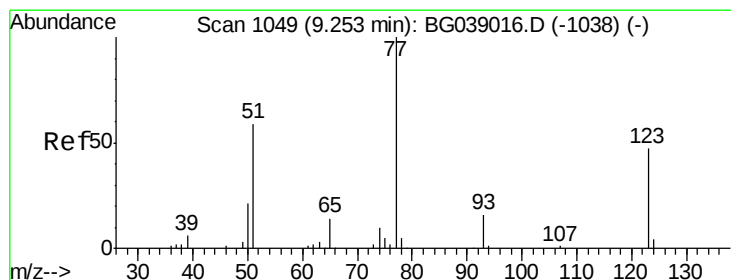
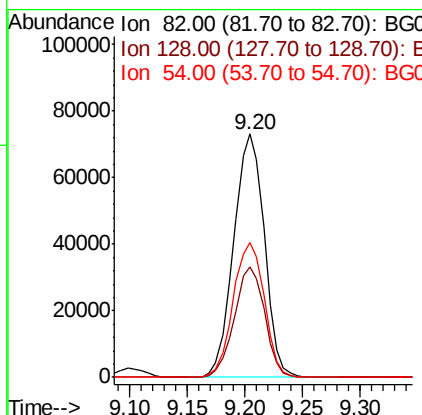
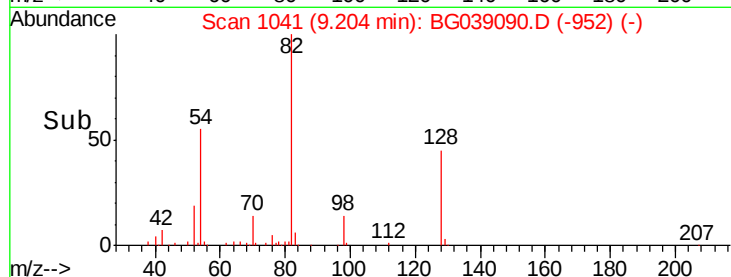
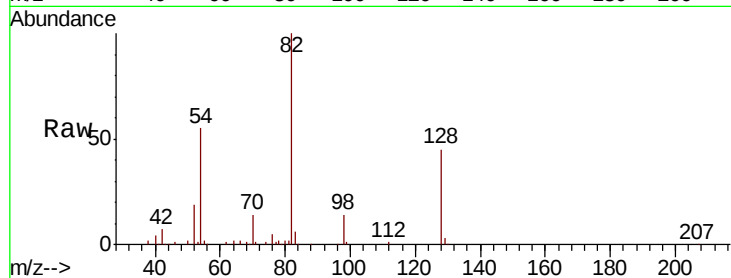




#23
 Nitrobenzene-d5
 Concen: 76.857 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

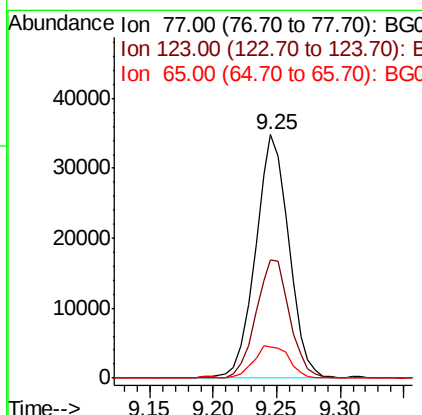
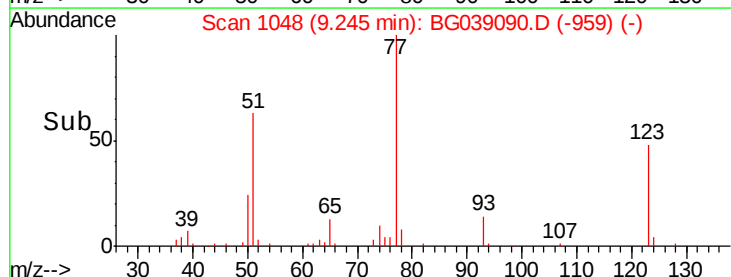
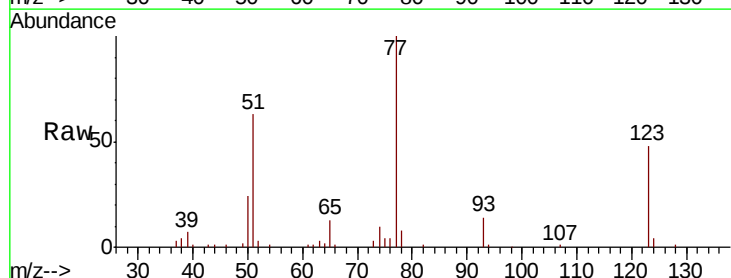
Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

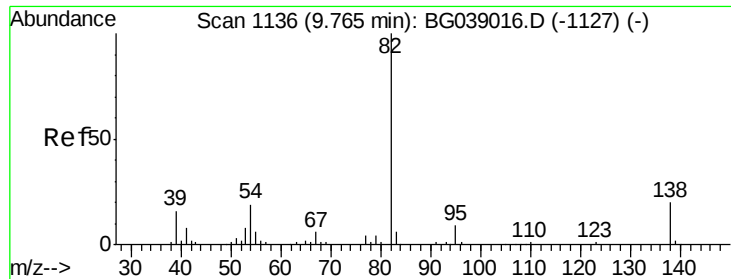
Tot Ion: 82 Resp: 134402
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.3 55.9
 54 55.3 46.4 69.6



#24
 Nitrobenzene
 Concen: 36.005 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion: 77 Resp: 63641
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.6 56.4
 65 13.0 11.0 16.6





#25

Isophorone

Concen: 40.222 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

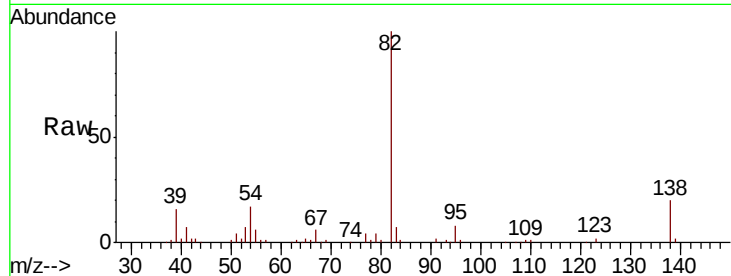
Tot Ion: 82 Resp: 121160

Ion Ratio Lower Upper

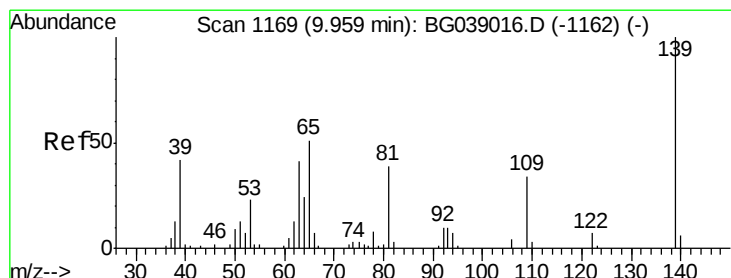
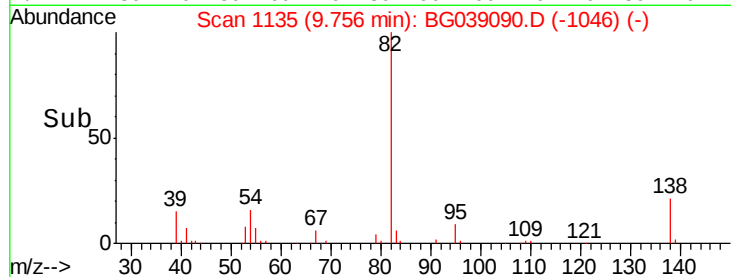
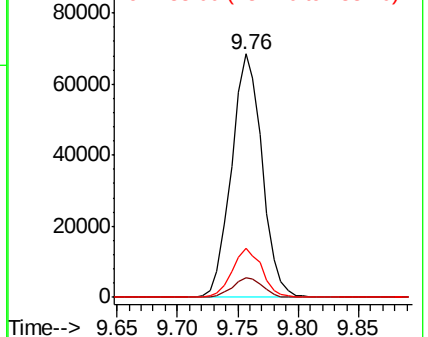
82 100

95 8.2 7.0 10.6

138 20.3 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: 37.907 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

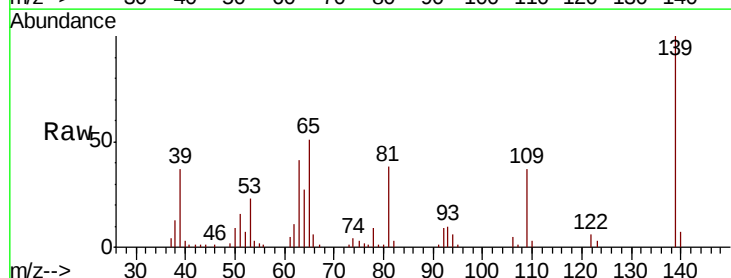
Tgt Ion: 139 Resp: 36242

Ion Ratio Lower Upper

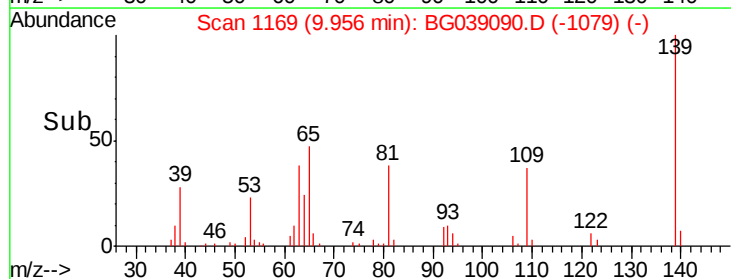
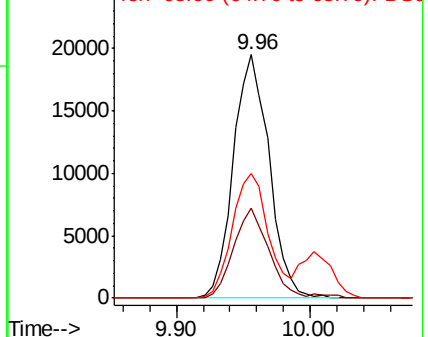
139 100

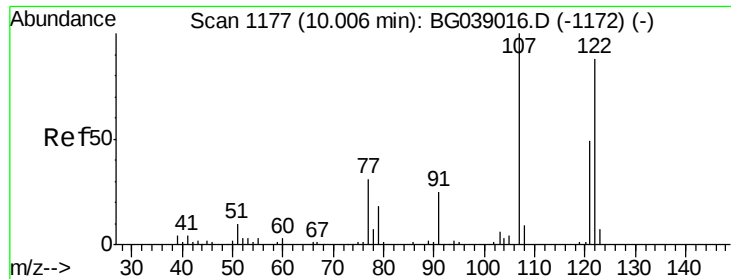
109 36.9 27.3 40.9

65 51.0 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

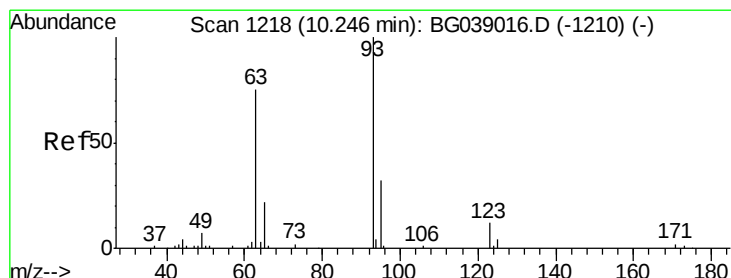
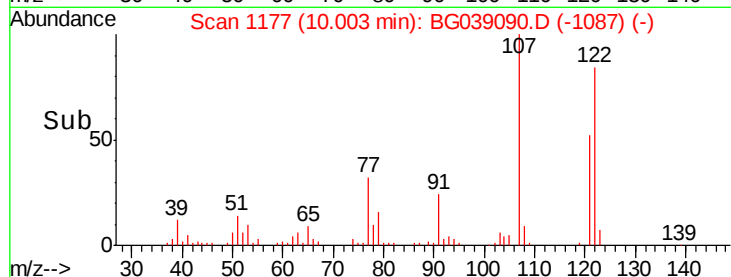
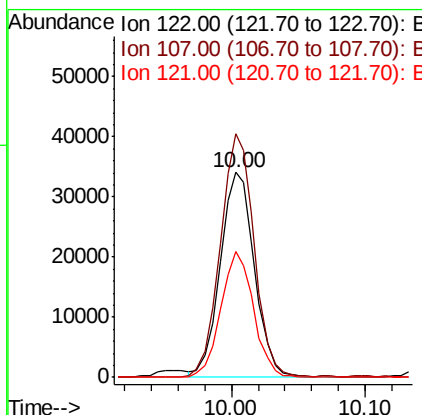
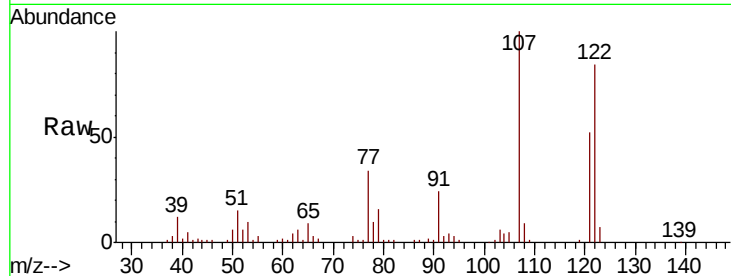




#27
 2,4-Dimethylphenol
 Concen: 45.479 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

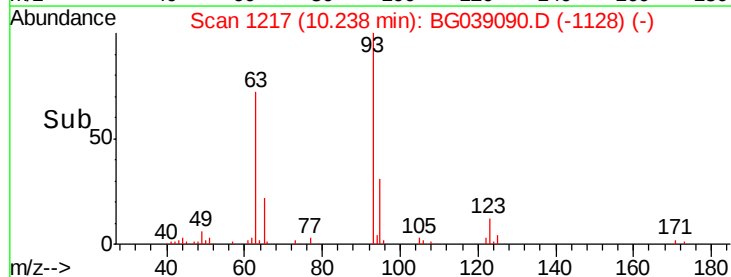
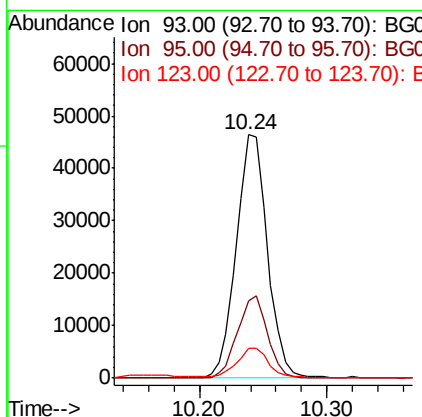
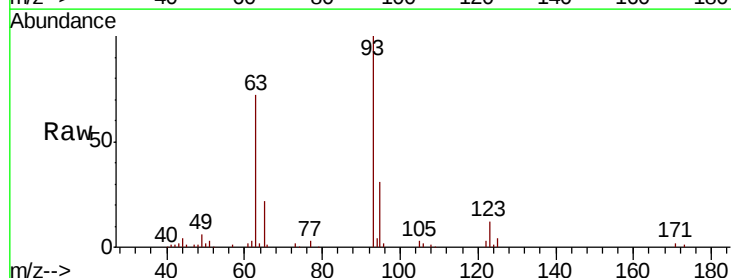
Instrument :
 BNA_G
 ClientSampled :
 PB116318BS

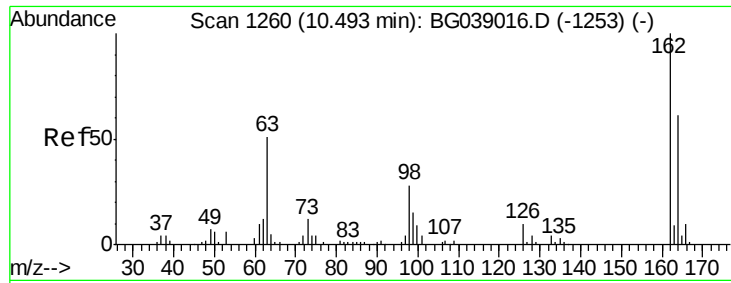
Tot Ion:122 Resp: 61172
 Ion Ratio Lower Upper
 122 100
 107 118.8 88.8 133.2
 121 61.4 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.445 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion: 93 Resp: 78653
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.6 38.4
 123 12.2 10.1 15.1

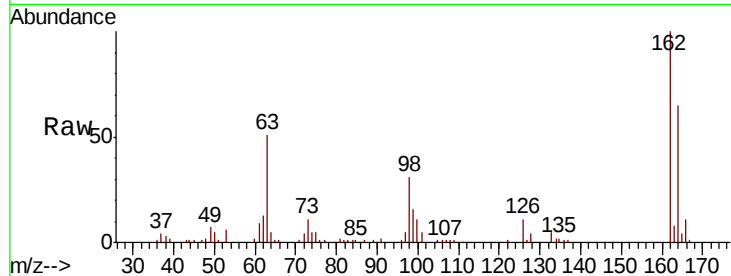




#29
 2,4-Dichlorophenol
 Concen: 43.708 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Tot Ion	162	Resp	73036
Ion	Ratio	Lower	Upper
162	100		
164	64.9	41.3	81.3
98	30.5	8.3	48.3

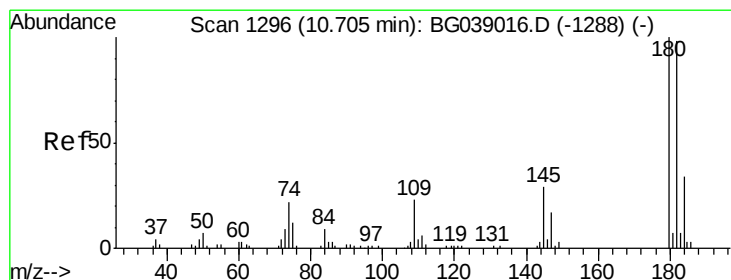
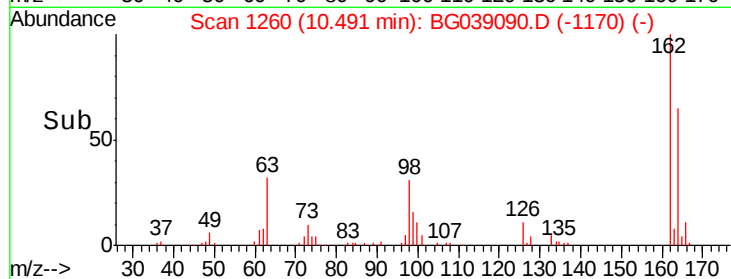
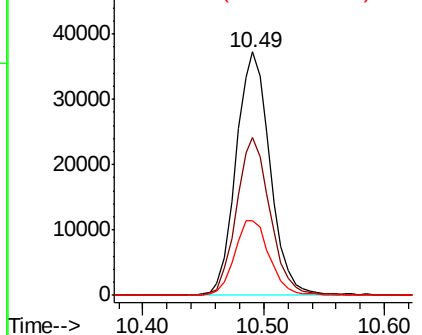


Abundance

Ion 162.00 (161.70 to 162.70): E

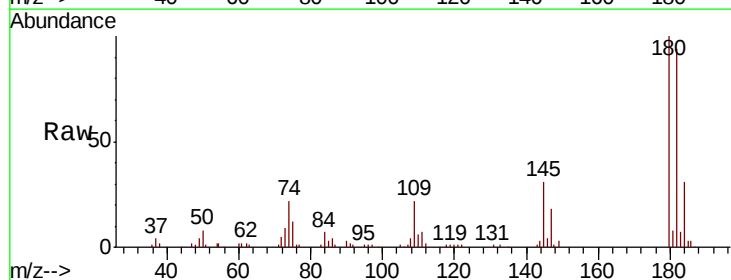
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.189 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion	180	Resp	76676
Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.1	117.1
145	31.3	23.1	34.7

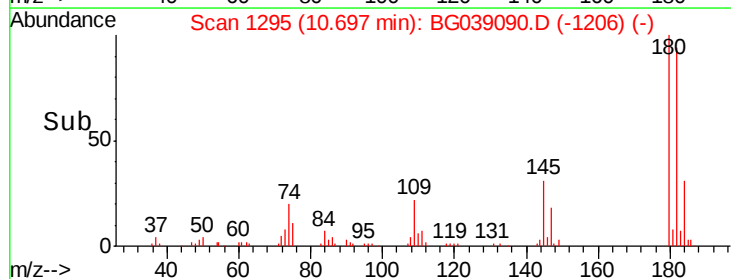
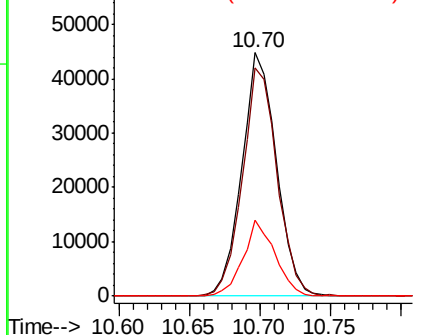


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

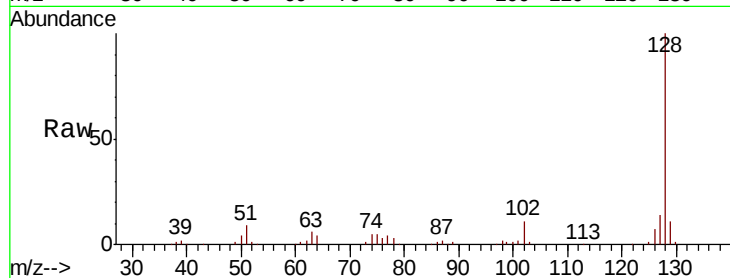




#31
Naphthalene
Concen: 41.131 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampled :
PB116318BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.8	11.2	16.8

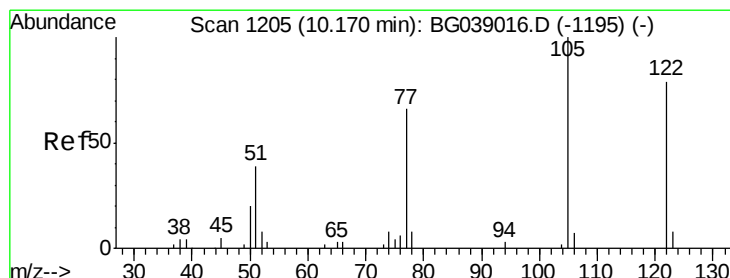
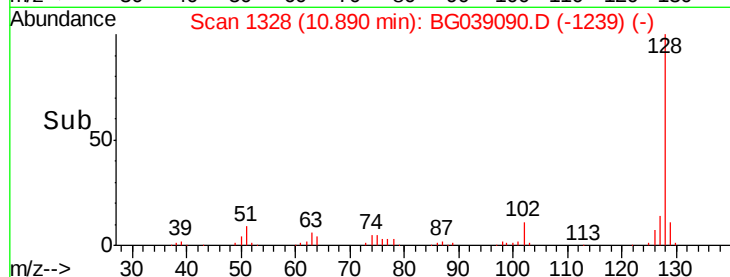
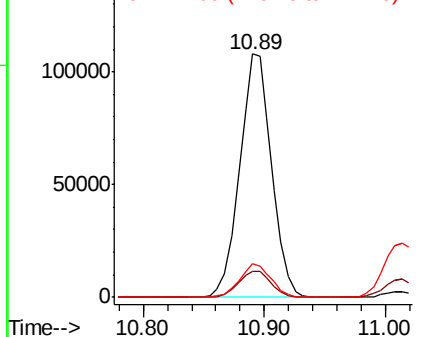


Abundance

Ion 128.00 (127.70 to 128.70): E

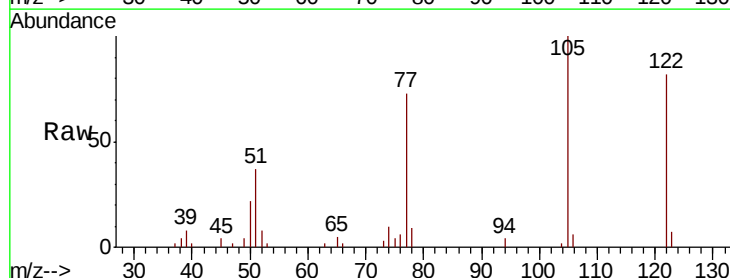
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.764 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	106.4	146.4
77	89.8	63.6	103.6

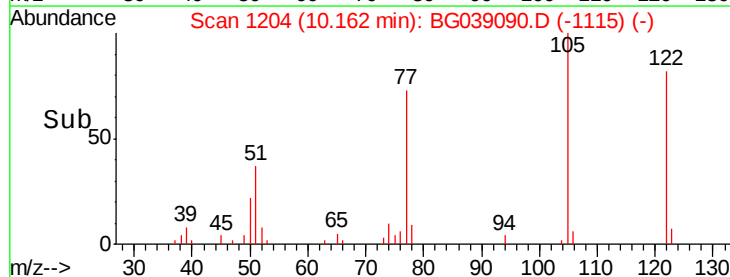
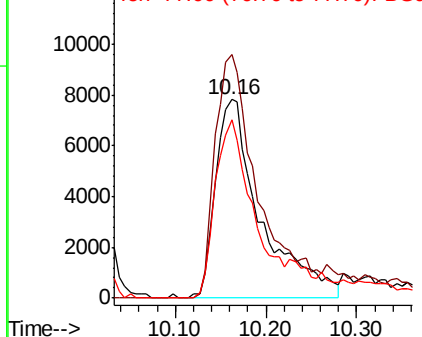


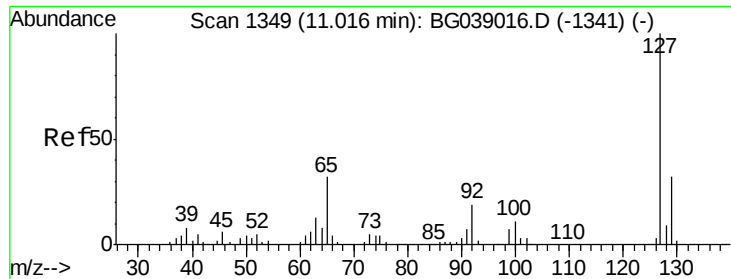
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

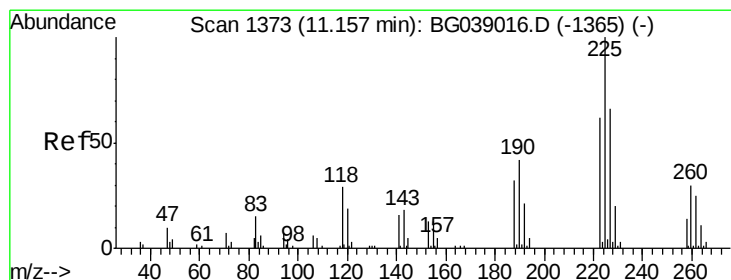
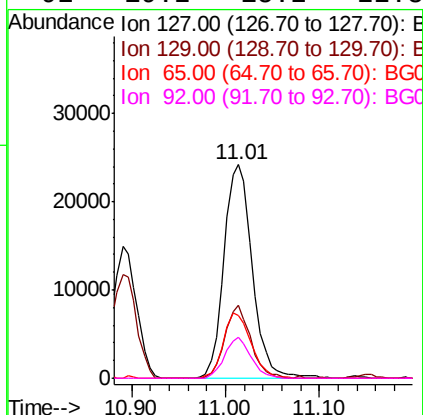
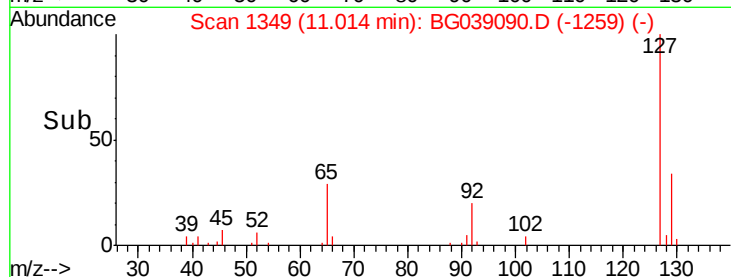
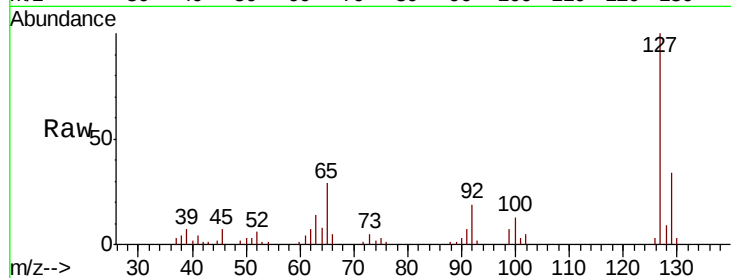




#33
4-Chloroaniline
Concen: 23.571 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

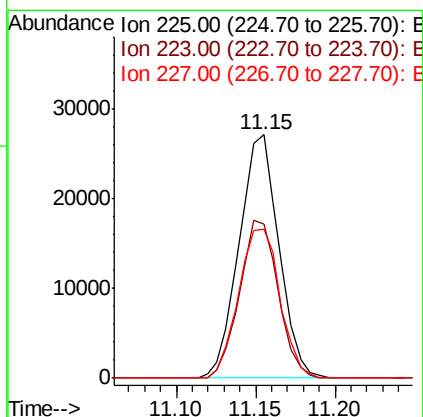
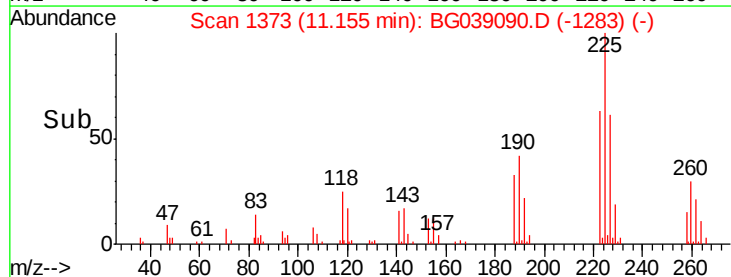
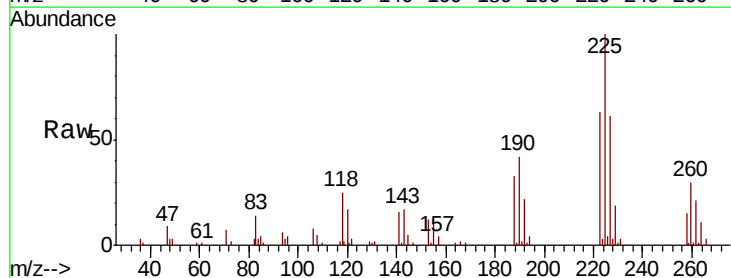
Instrument :
BNA_G
ClientSampleId :
PB116318BS

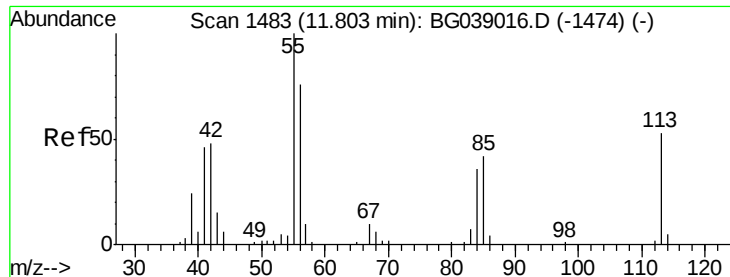
Tot Ion:	127	Resp:	50617
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	29.5	25.4	38.0
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.269 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:	225	Resp:	47343
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	61.8	53.2	79.8

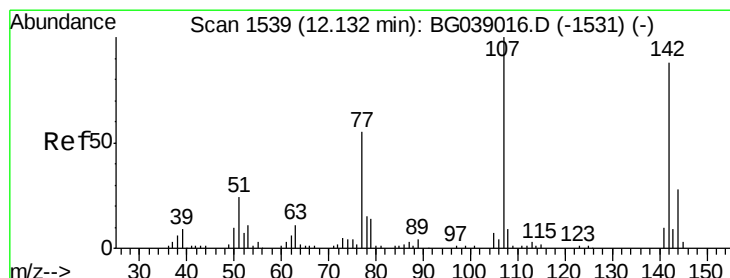
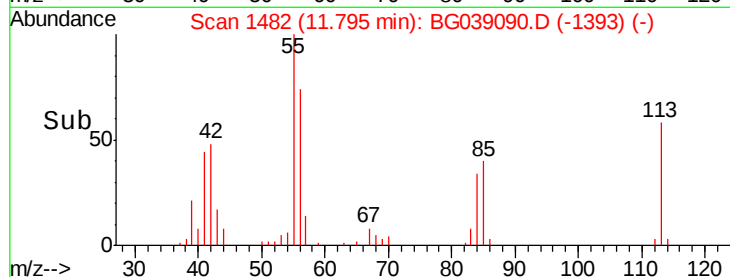
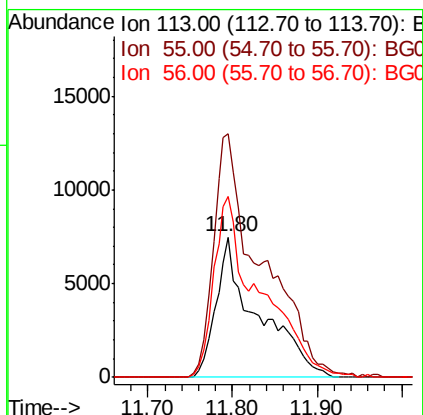
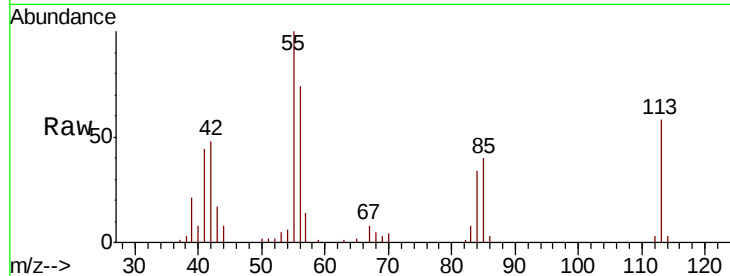




#35
Caprolactam
Concen: 38.108 ng
RT: 11.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

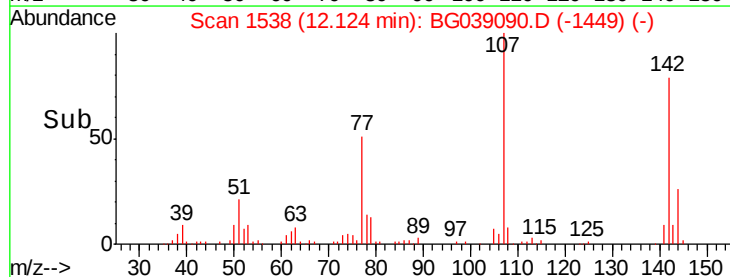
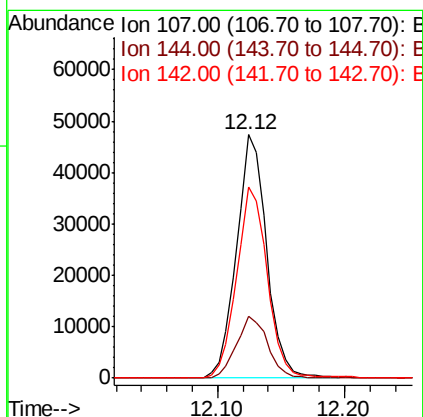
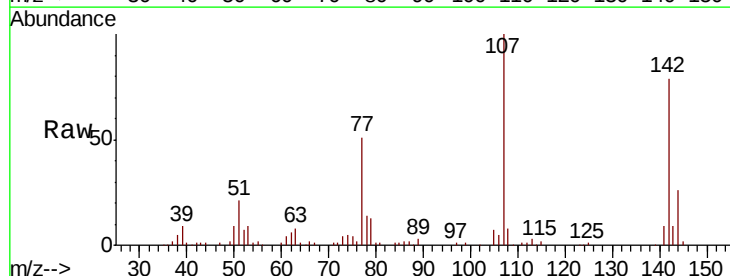
Instrument :
BNA_G
ClientSampleId :
PB116318BS

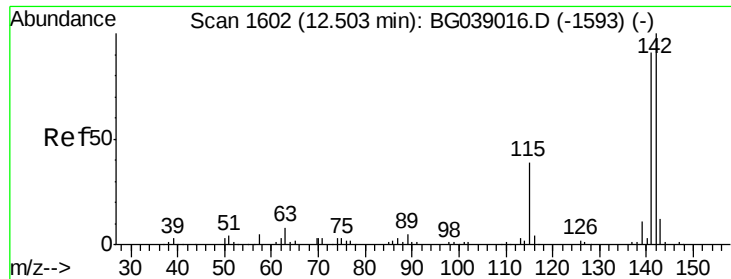
Tot Ion:113 Resp: 25535
Ion Ratio Lower Upper
113 100
55 173.3 168.6 208.6
56 128.8 123.2 163.2



#36
4-Chloro-3-methylphenol
Concen: 43.598 ng
RT: 12.12 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:107 Resp: 77921
Ion Ratio Lower Upper
107 100
144 25.6 22.6 34.0
142 78.5 70.2 105.4

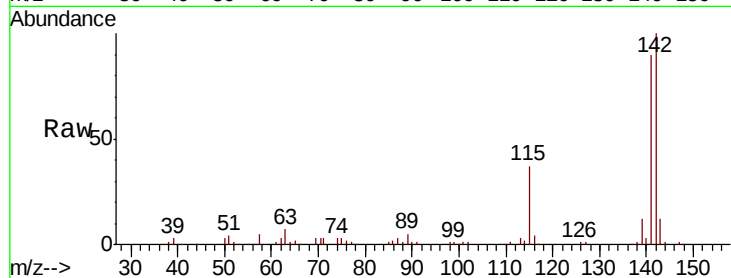




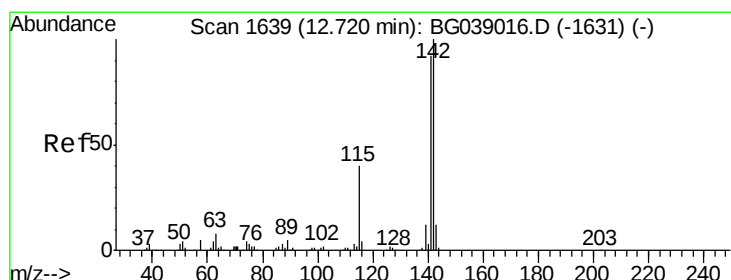
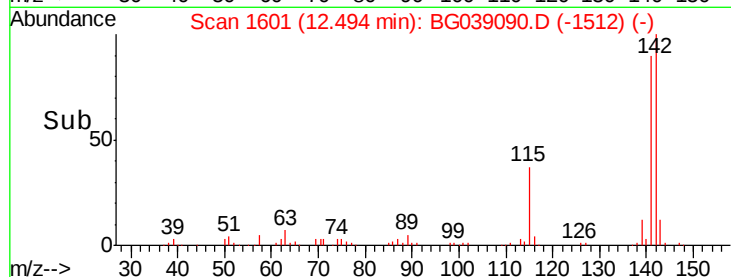
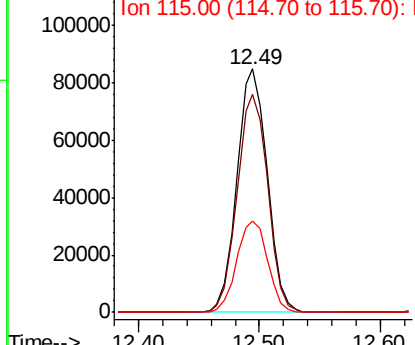
#37
2-Methylnaphthalene
Concen: 41.263 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:142 Resp: 148472
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0
115 37.4 31.1 46.7

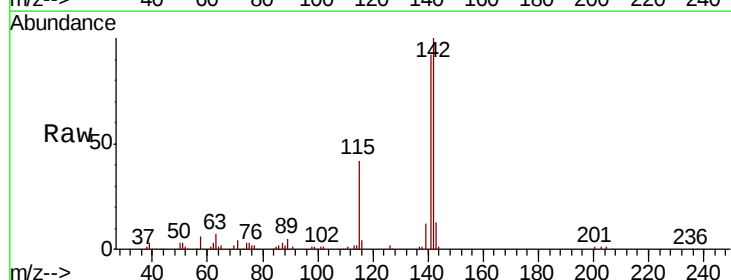


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

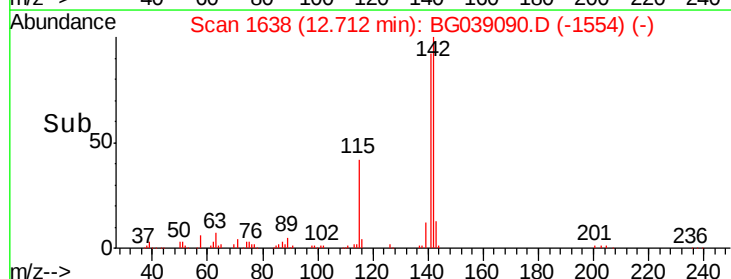
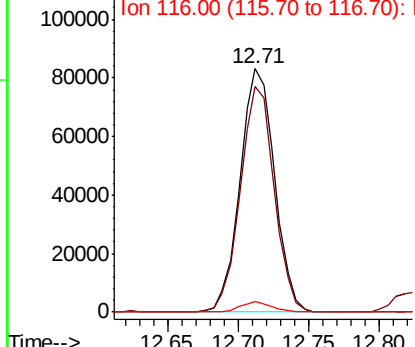


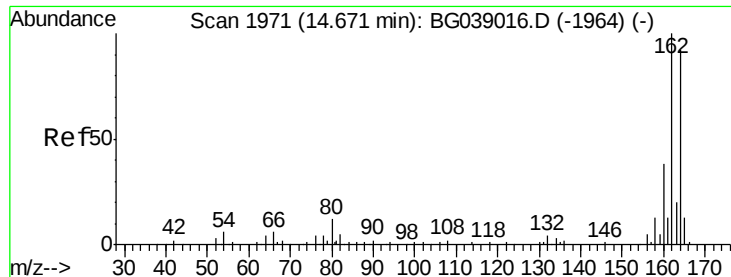
#38
1-Methylnaphthalene
Concen: 41.099 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:142 Resp: 141943
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9
116 4.3 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: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

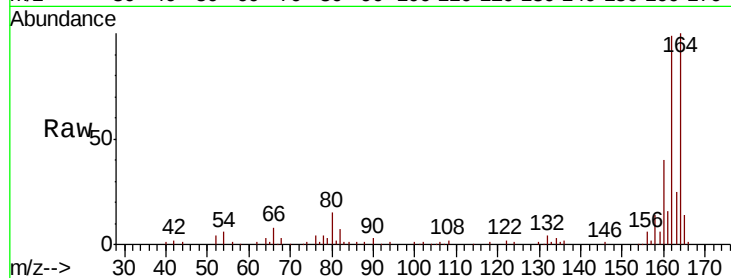
Tot Ion:164 Resp: 66968

Ion Ratio Lower Upper

164 100

162 98.9 87.2 130.8

160 40.4 33.3 49.9

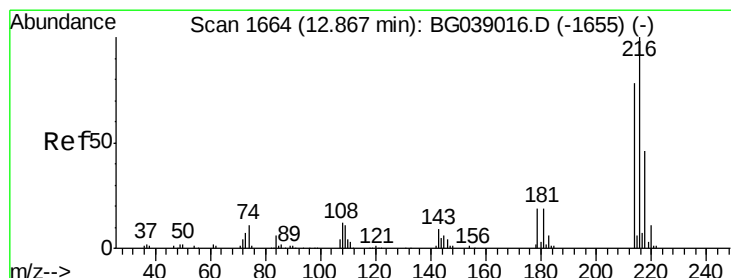
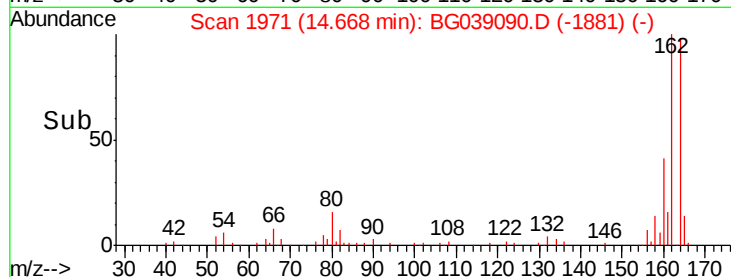
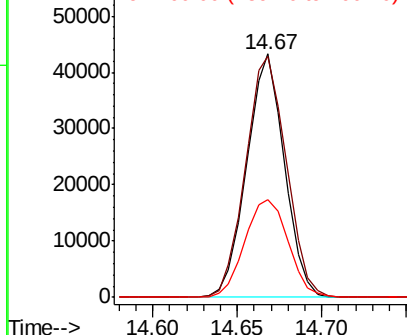


Abundance

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: 37.546 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Tgt Ion:216 Resp: 94429

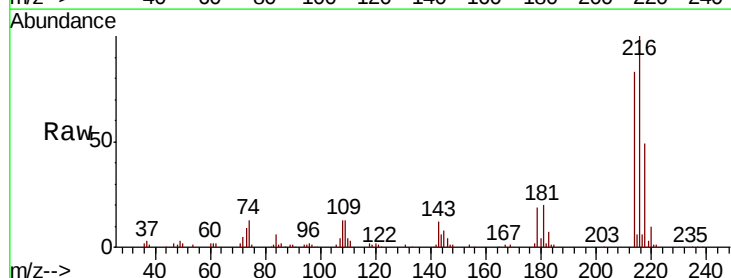
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.2

179 19.6 15.5 23.3

108 15.8 11.4 17.2



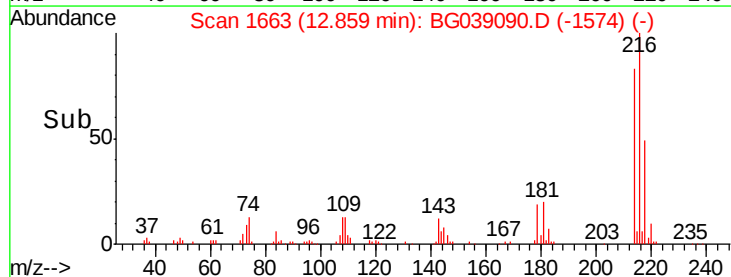
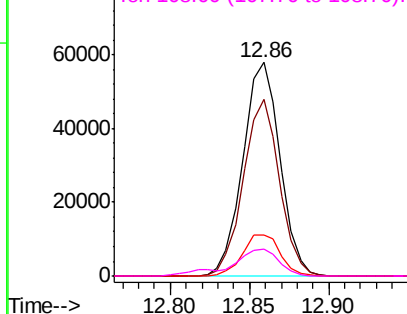
Abundance

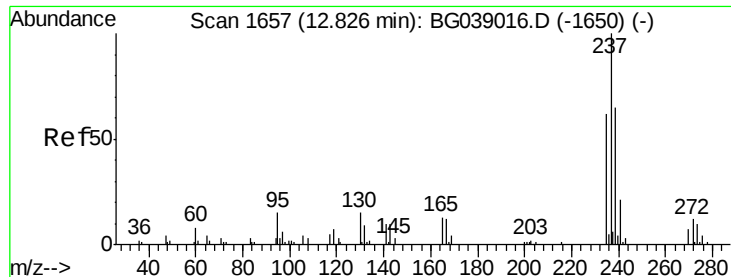
Ion 216.00 (215.70 to 216.70): E

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: 76.425 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

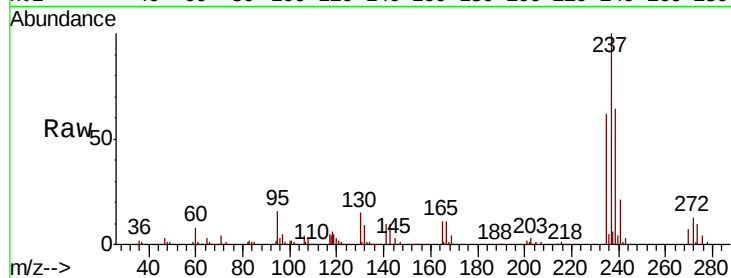
Tot Ion:237 Resp: 107864

Ion Ratio Lower Upper

237 100

235 62.4 41.7 81.7

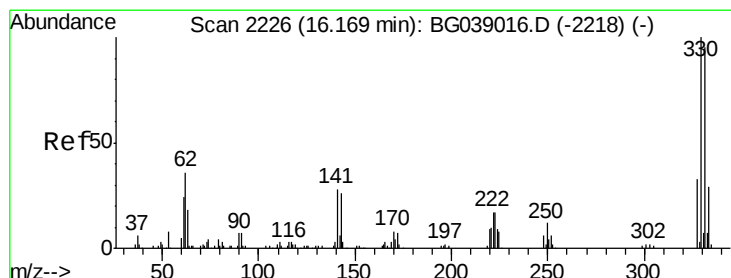
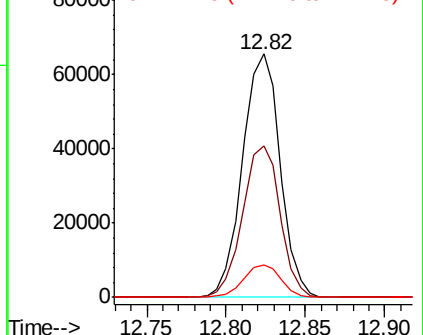
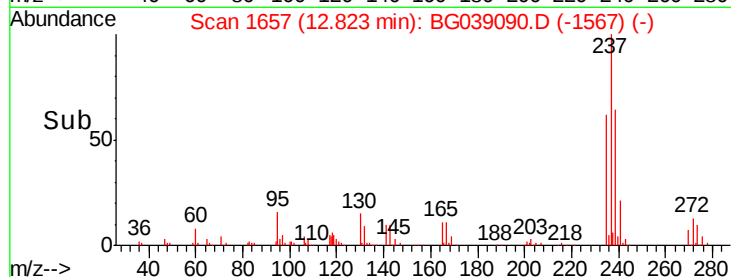
272 13.3 0.0 32.1



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: 145.523 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

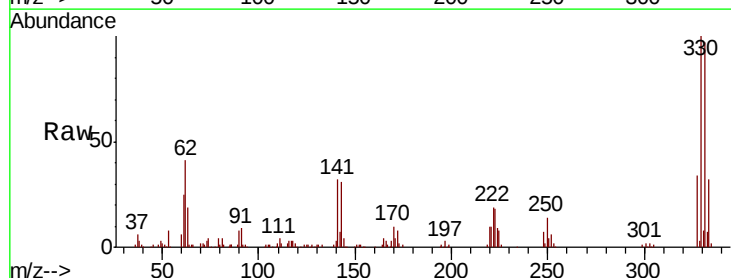
Tgt Ion:330 Resp: 163359

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

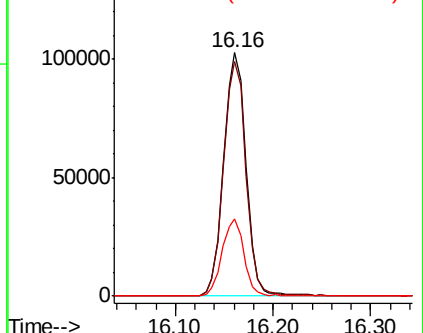
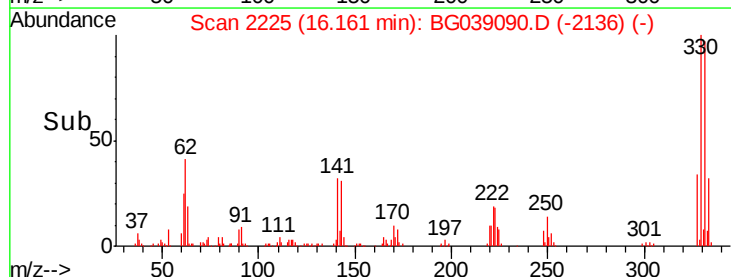
141 31.1 24.9 37.3

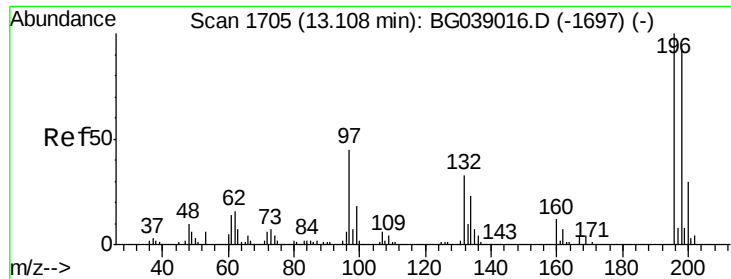


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

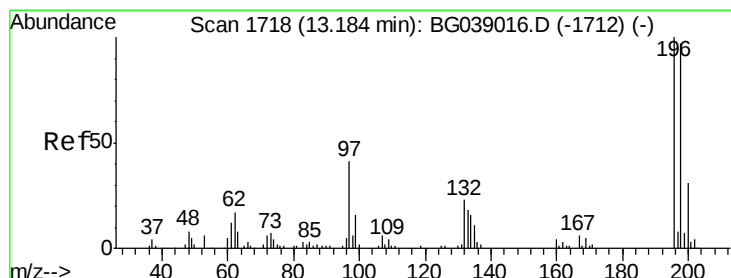
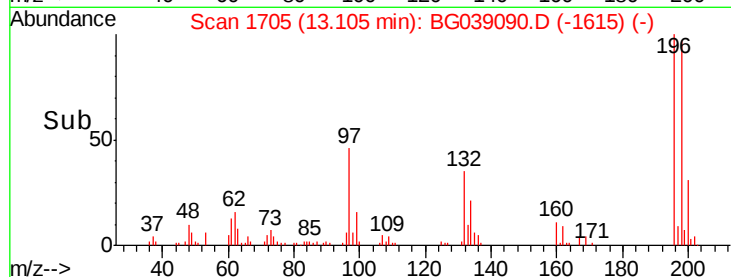
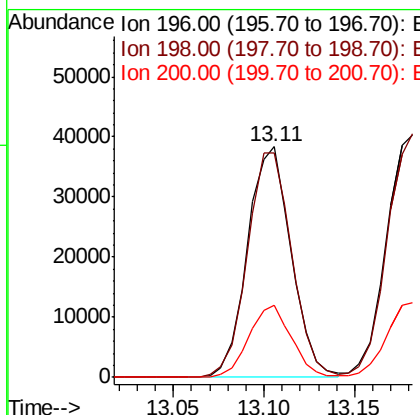
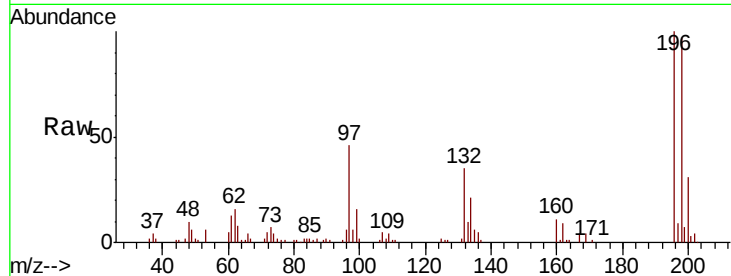




#43
 2,4,6-Trichlorophenol
 Concen: 40.469 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

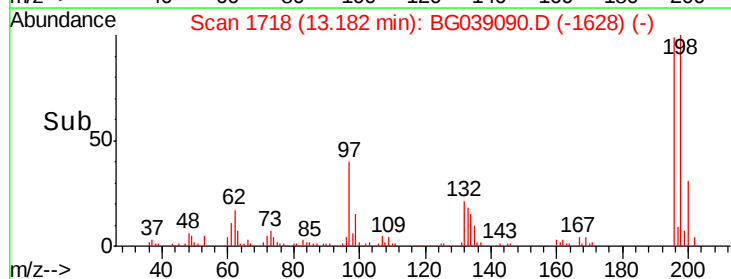
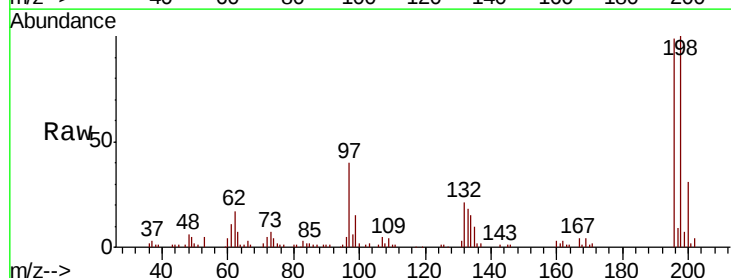
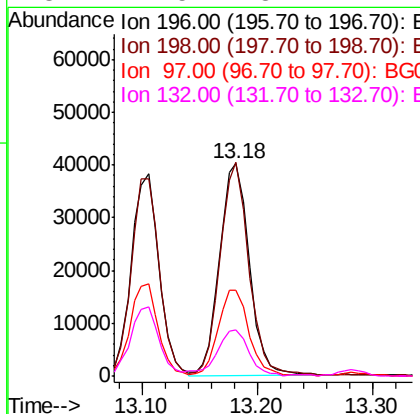
Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

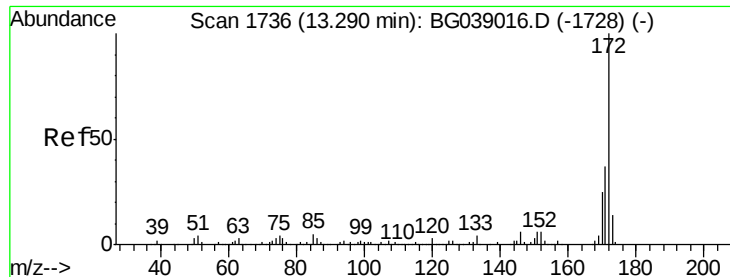
Tot Ion:196 Resp: 64058
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.5 111.7
 200 31.2 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.903 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion:196 Resp: 71777
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.1 117.1
 97 40.3 33.2 49.8
 132 21.5 18.2 27.4

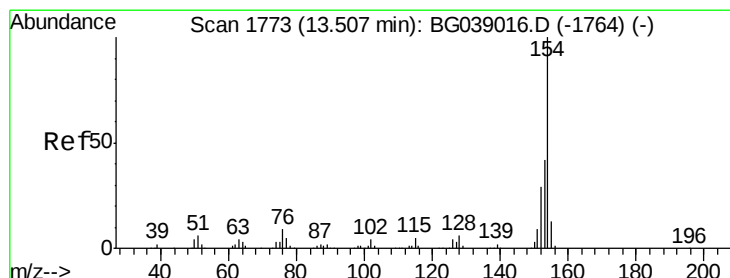
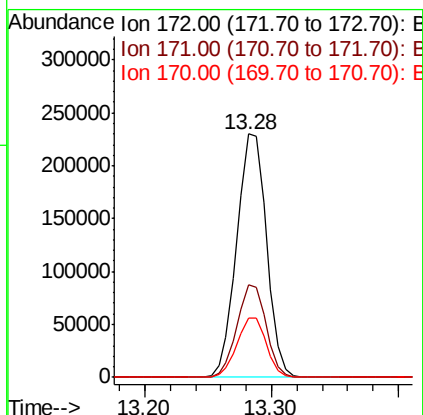
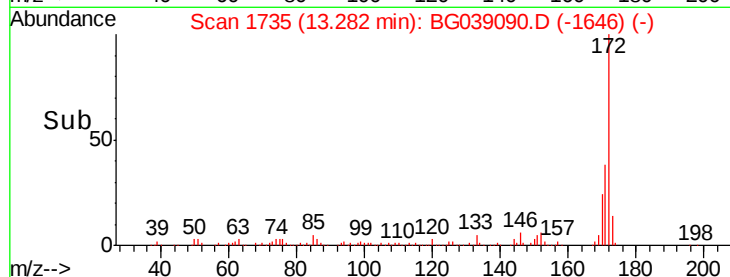
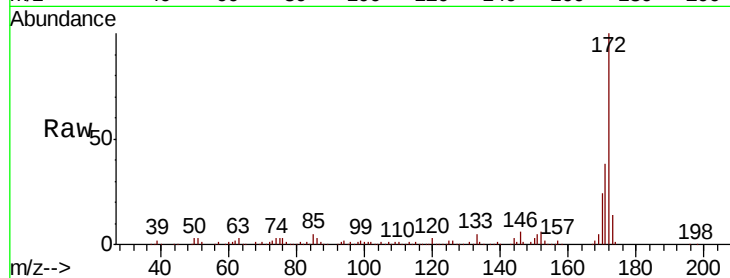




#45
2-Fluorobiphenyl
Concen: 76.733 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

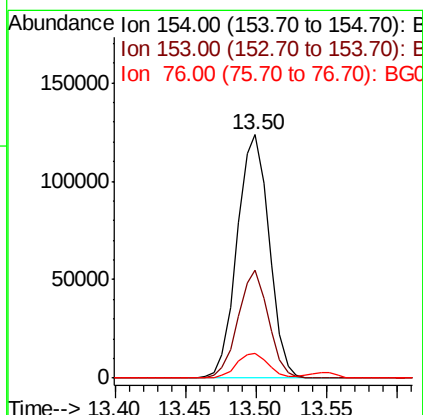
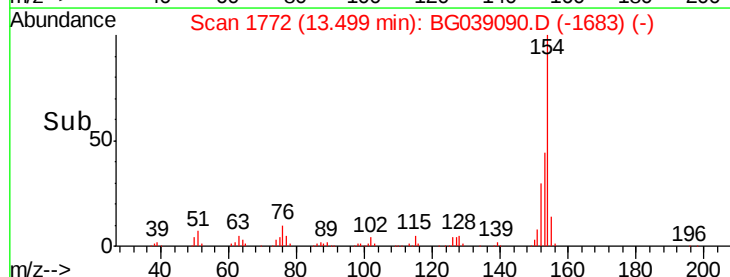
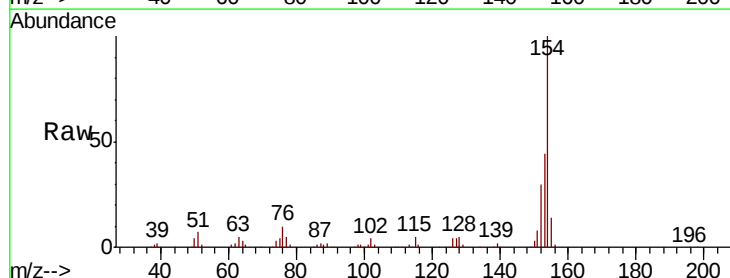
Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:172 Resp: 375476
Ion Ratio Lower Upper
172 100
171 37.8 29.4 44.0
170 24.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 36.892 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:154 Resp: 195765
Ion Ratio Lower Upper
154 100
153 44.3 22.4 62.4
76 9.9 0.0 29.4

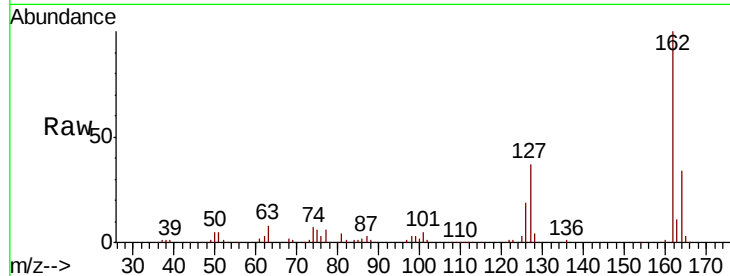




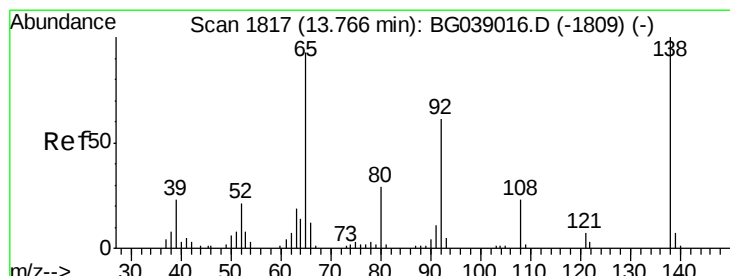
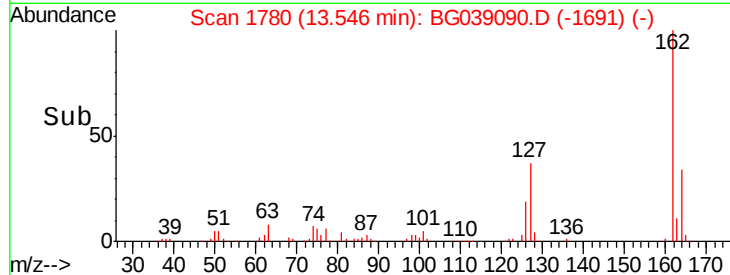
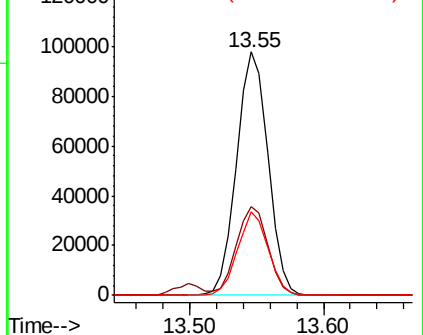
#47
 2-Chloronaphthalene
 Concen: 37.097 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Tot Ion:162 Resp: 159296
 Ion Ratio Lower Upper
 162 100
 127 36.6 28.4 42.6
 164 34.2 26.3 39.5

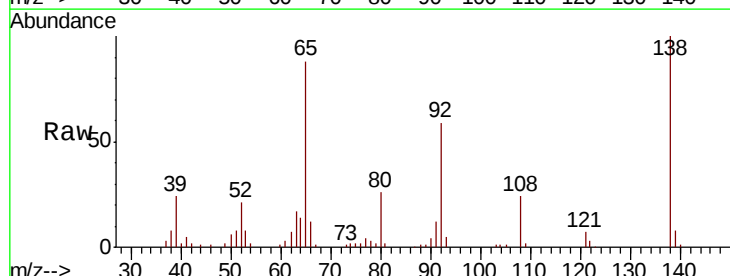


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

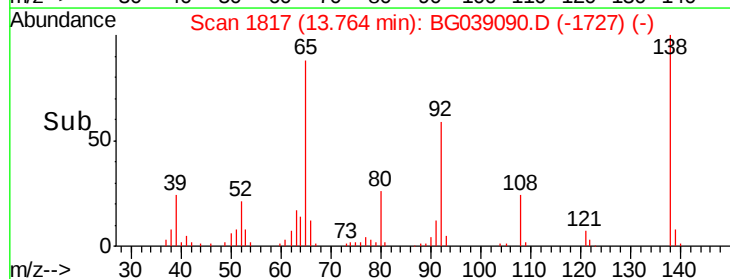
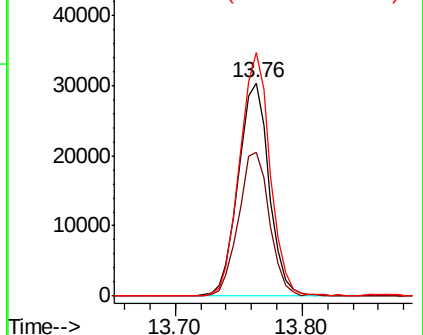


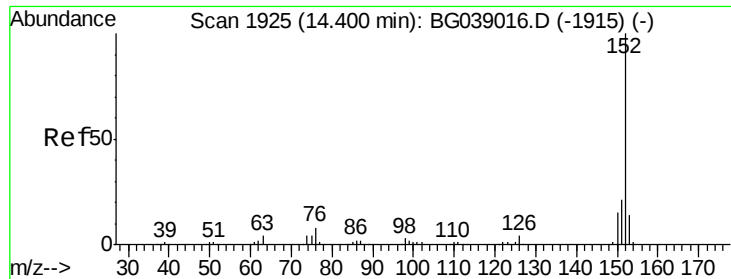
#48
 2-Nitroaniline
 Concen: 42.359 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion: 65 Resp: 50958
 Ion Ratio Lower Upper
 65 100
 92 67.4 52.2 78.4
 138 114.0 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: 41.682 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

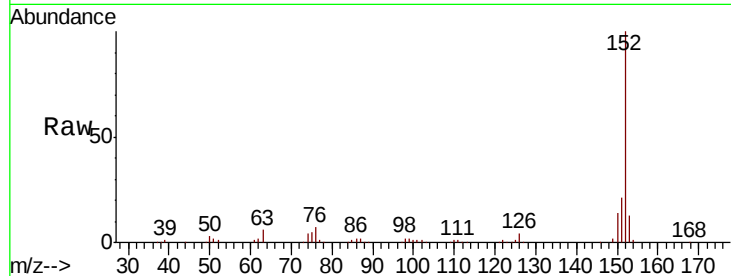
Tot Ion:152 Resp: 269025

Ion Ratio Lower Upper

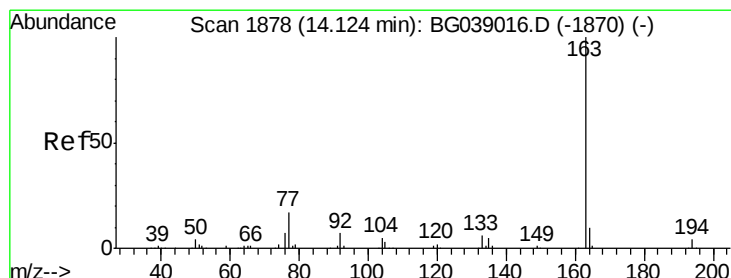
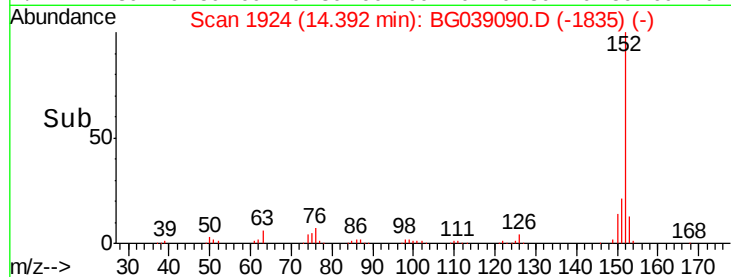
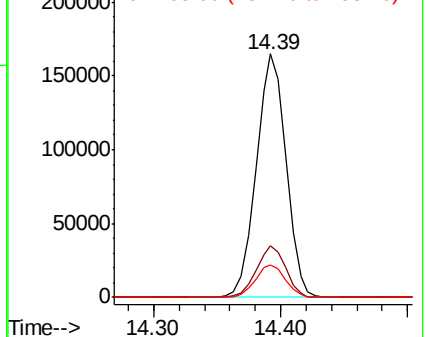
152 100

151 21.1 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: 41.082 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

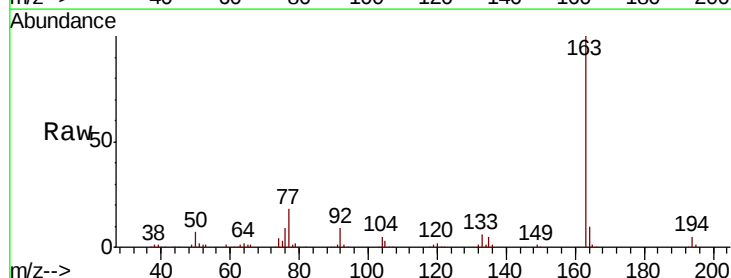
Tgt Ion:163 Resp: 232486

Ion Ratio Lower Upper

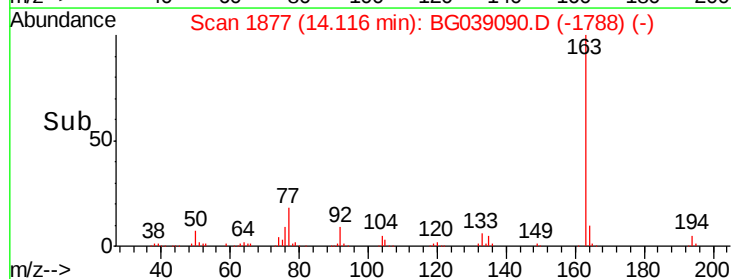
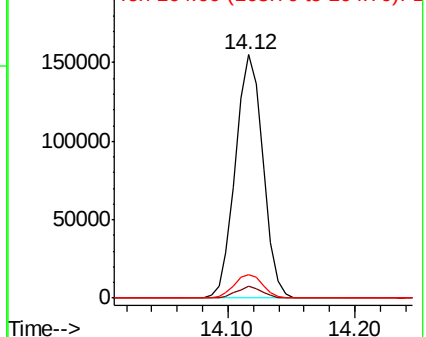
163 100

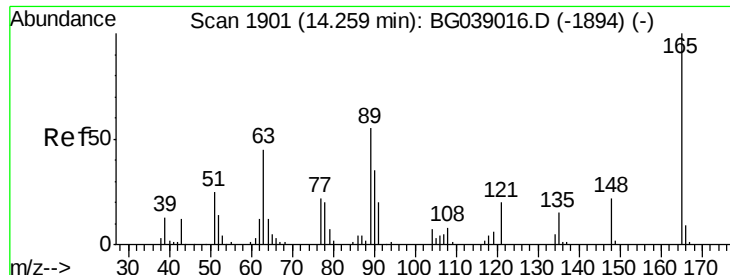
194 4.8 3.6 5.4

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

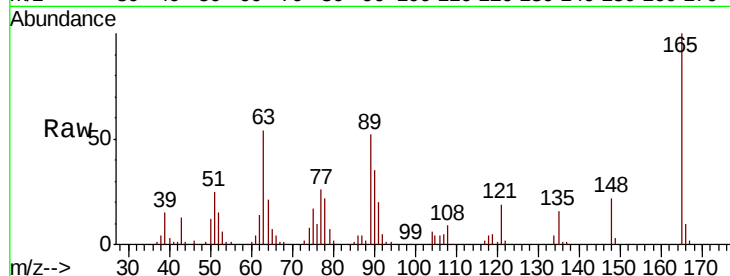




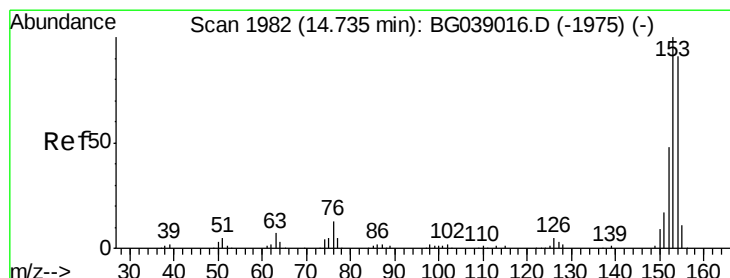
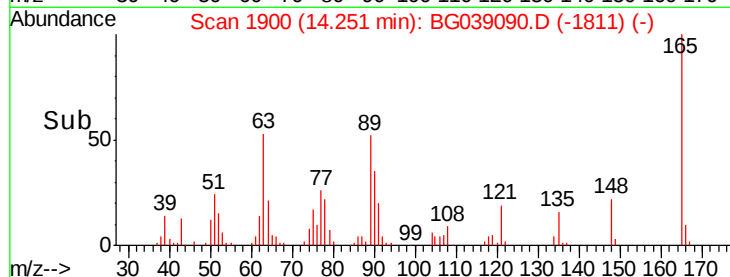
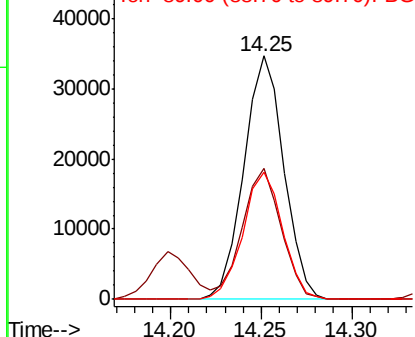
#51
 2,6-Dinitrotoluene
 Concen: 41.838 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	43.6	65.4
89	52.4	43.7	65.5

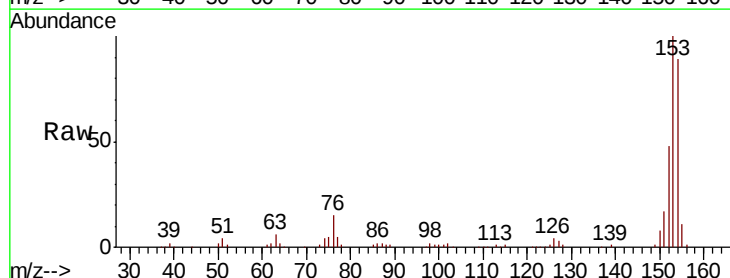


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

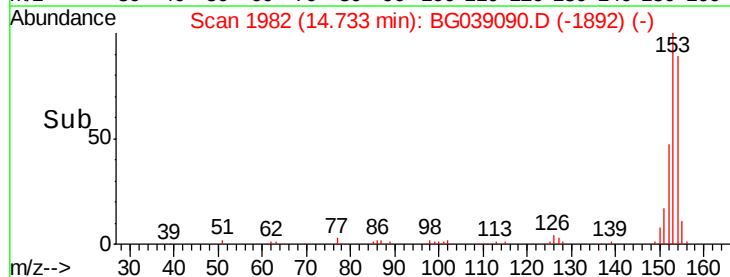
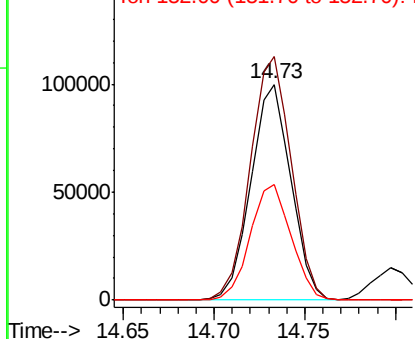


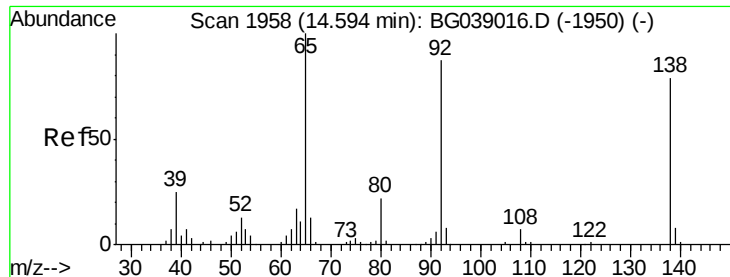
#52
 Acenaphthene
 Concen: 39.505 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.9	131.9
152	53.8	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: 27.068 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

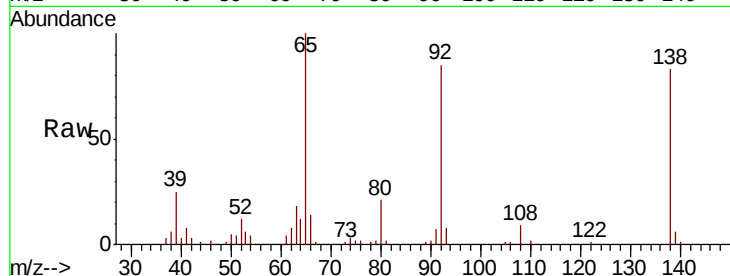
Tot Ion:138 Resp: 34742

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.0

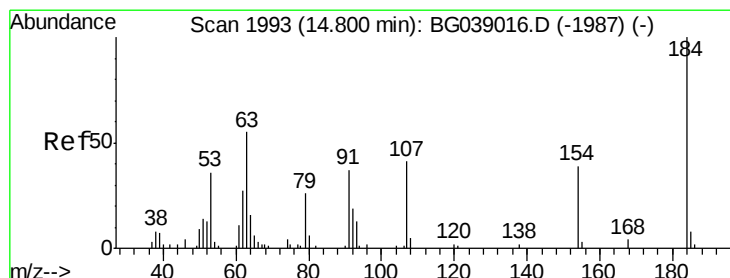
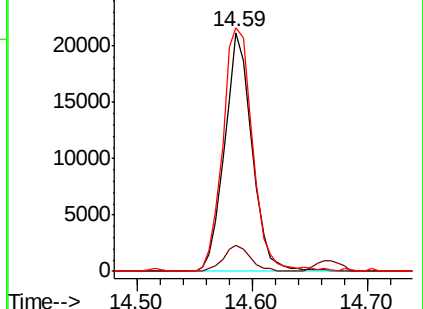
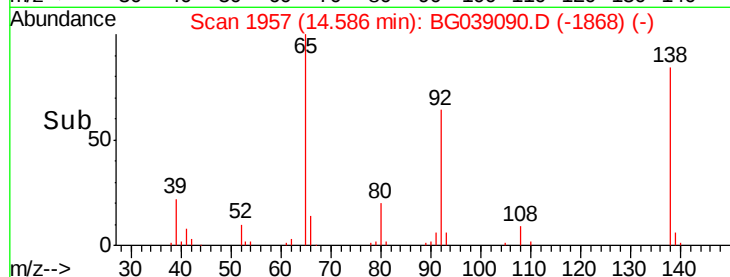
92 102.0 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 57.039 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

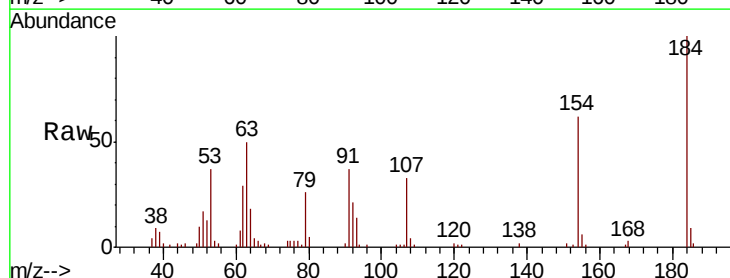
Tgt Ion:184 Resp: 41893

Ion Ratio Lower Upper

184 100

63 50.0 44.0 66.0

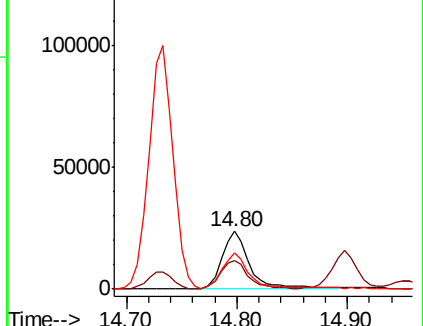
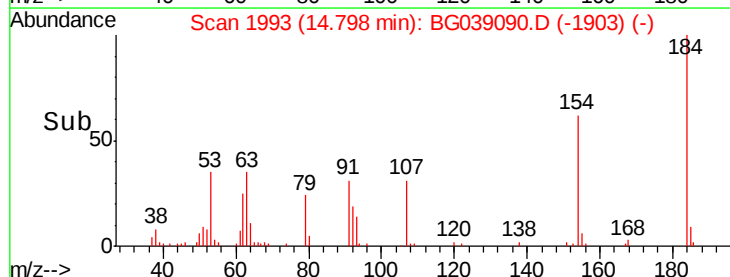
154 62.5 46.1 69.1

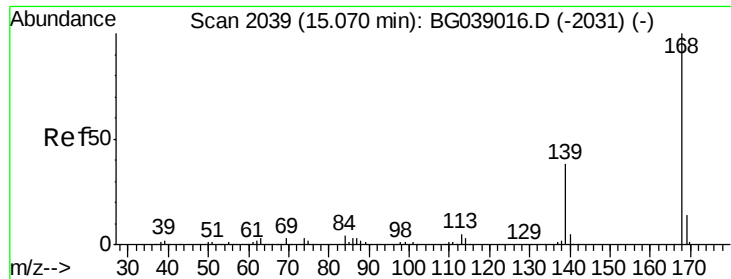


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

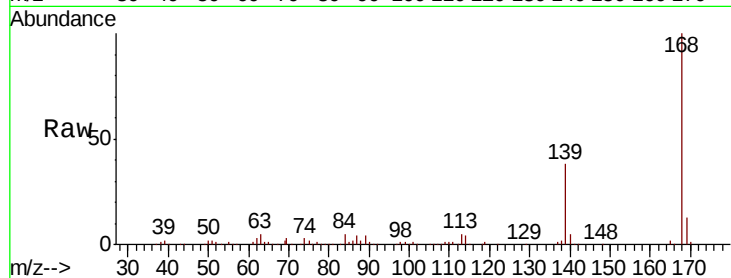




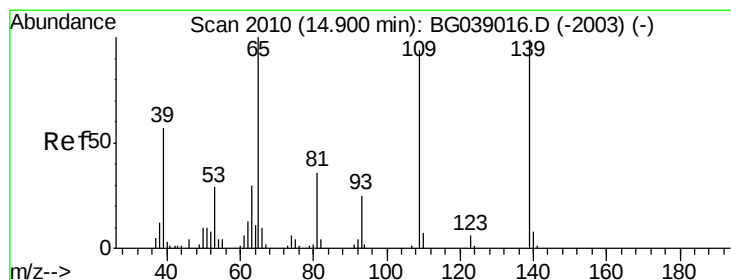
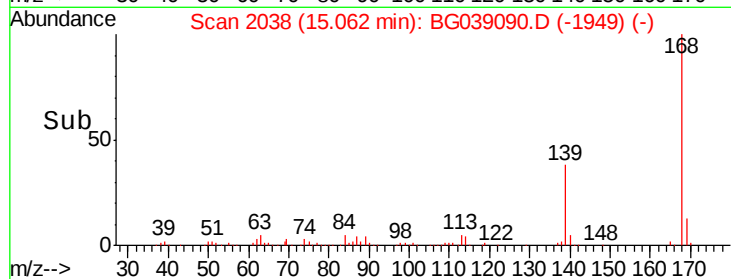
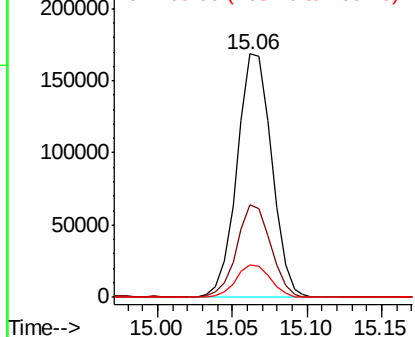
#55
Dibenzenofuran
Concen: 39.641 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:168 Resp: 271492
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.3 10.9 16.3

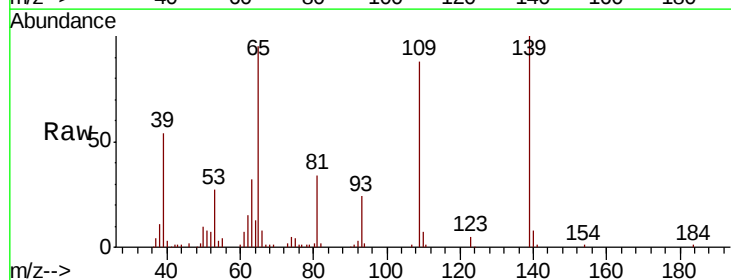


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

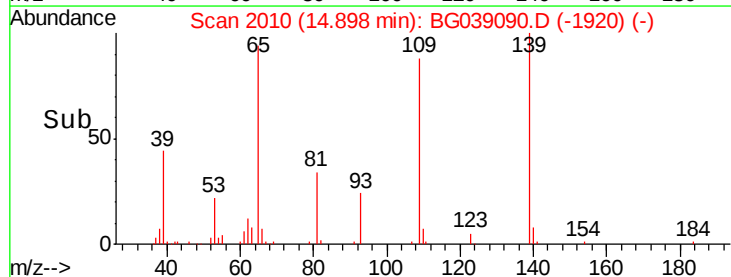
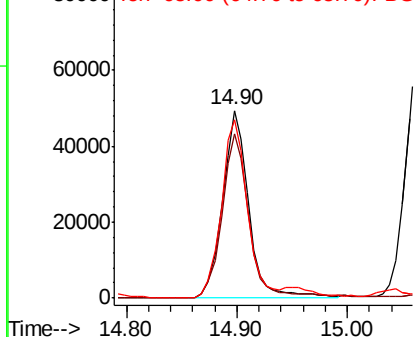


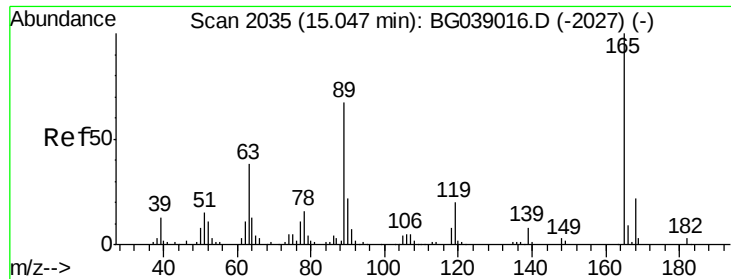
#56
4-Nitrophenol
Concen: 88.459 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:139 Resp: 81692
Ion Ratio Lower Upper
139 100
109 87.7 75.6 115.6
65 95.0 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): BGC

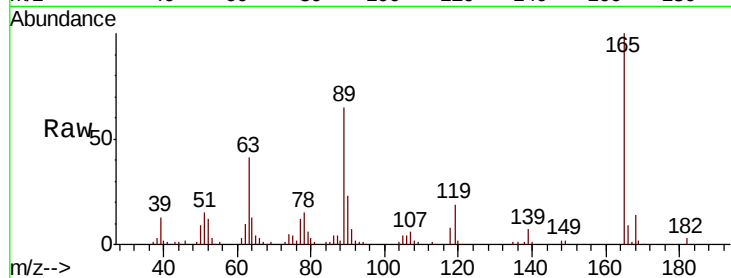




#57
2,4-Dinitrotoluene
Concen: 43.210 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.2	45.4
89	64.8	53.2	79.8
182	3.0	2.7	4.1



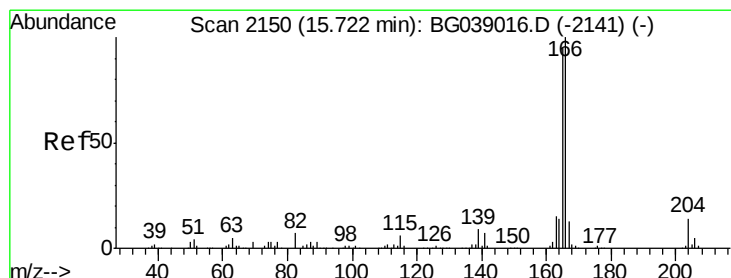
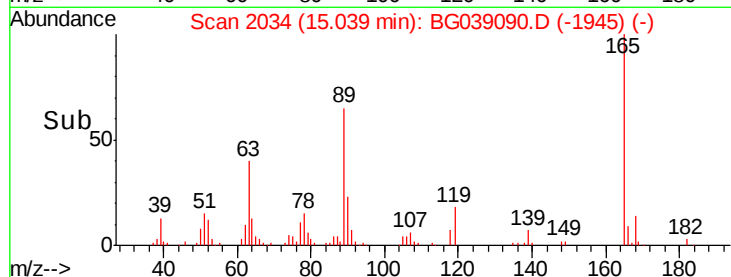
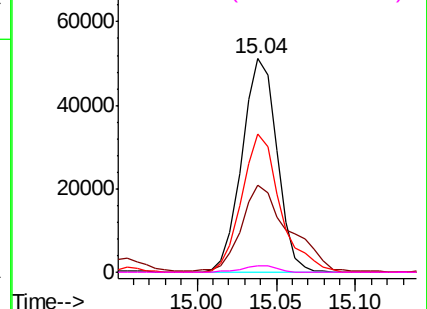
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

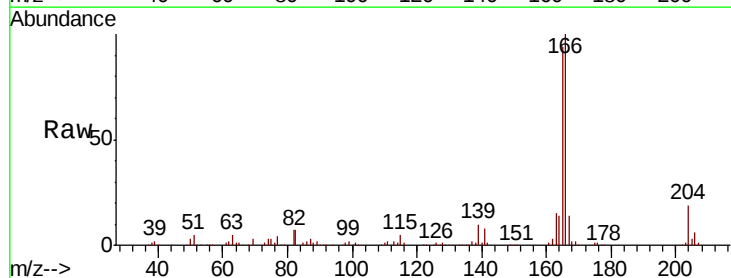
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.291 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.2	114.2
167	14.0	10.6	16.0

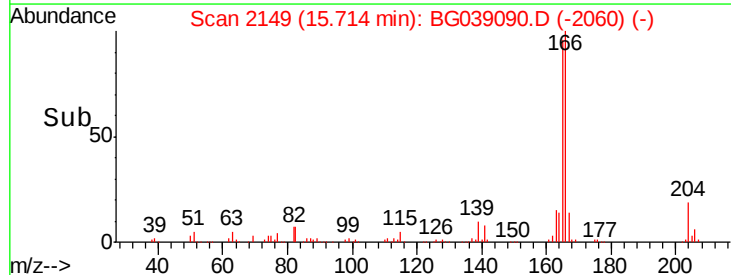
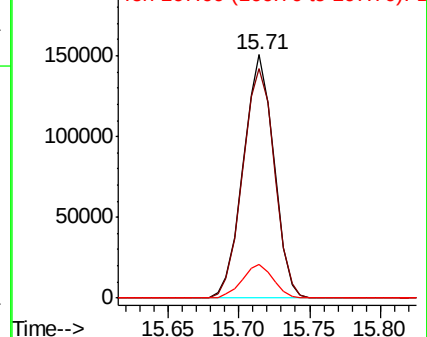


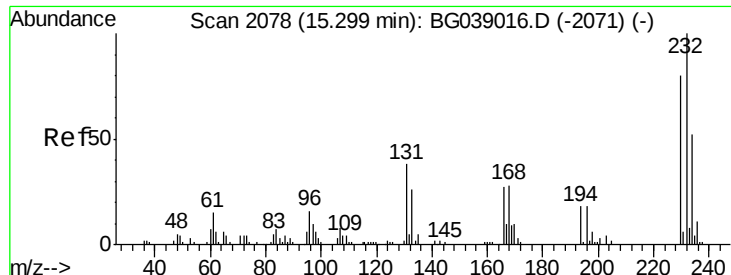
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

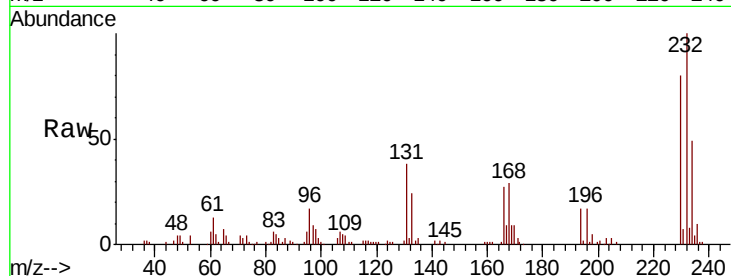




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.342 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.9	30.9	46.3
130	2.0	1.9	2.9
166	27.2	22.1	33.1



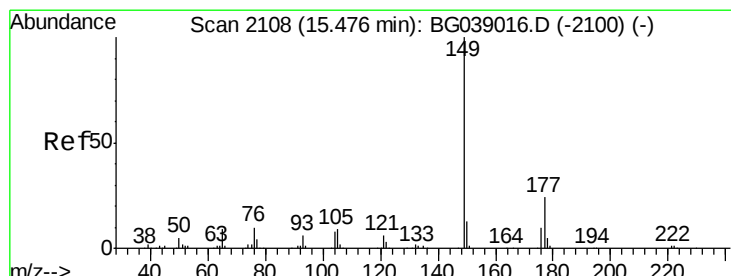
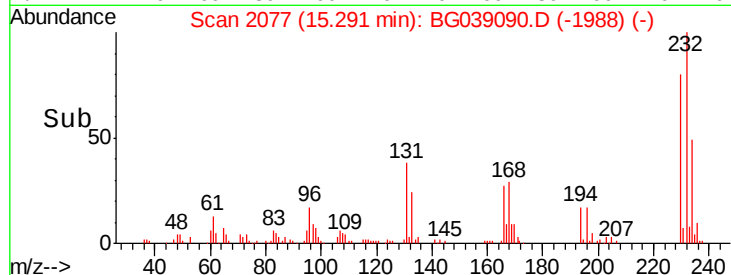
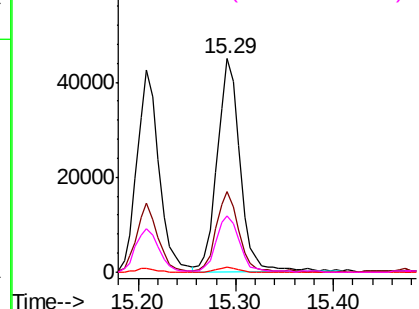
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

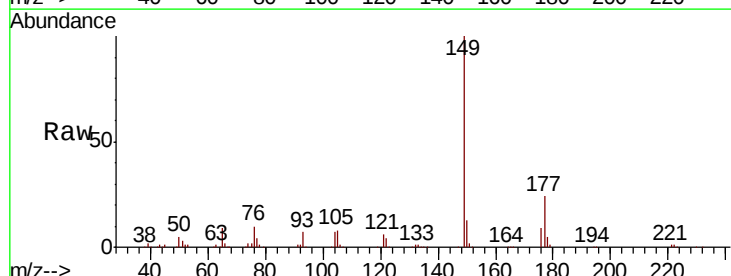
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.795 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.6
150	12.8	10.2	15.4

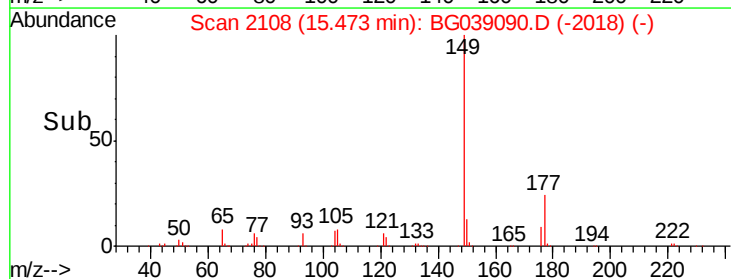
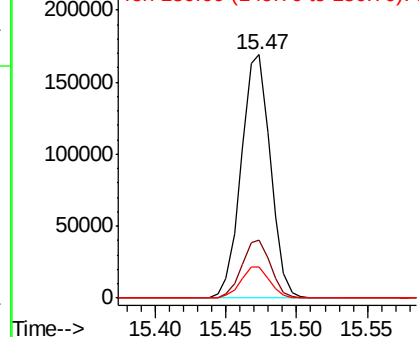


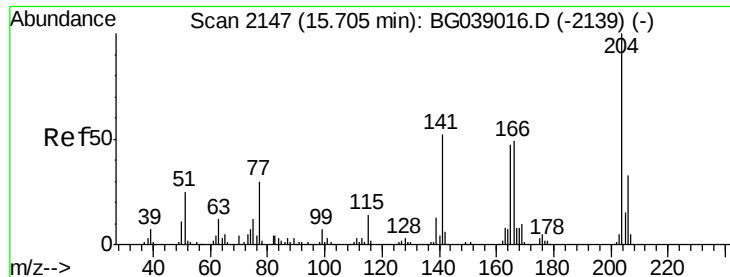
Abundance

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

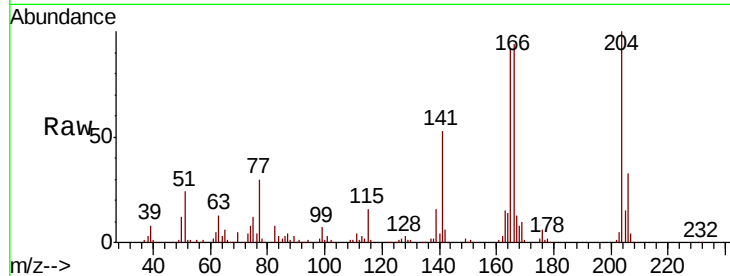




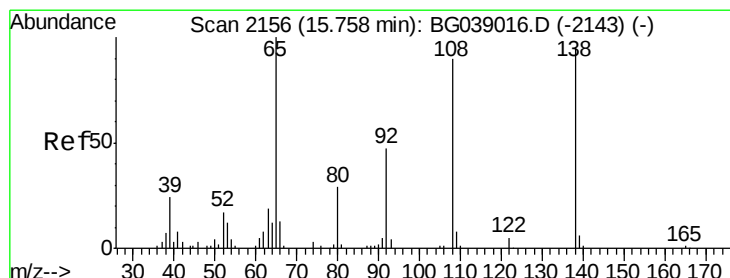
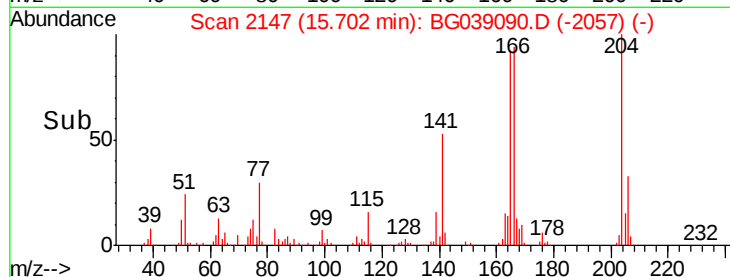
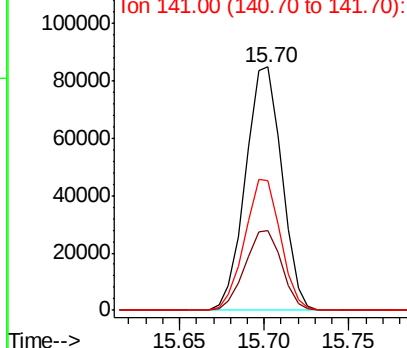
#61
4-Chlorophenyl-phenylether
Concen: 39.137 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampled :
PB116318BS

Tot Ion:204 Resp: 127112
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 53.1 41.4 62.0

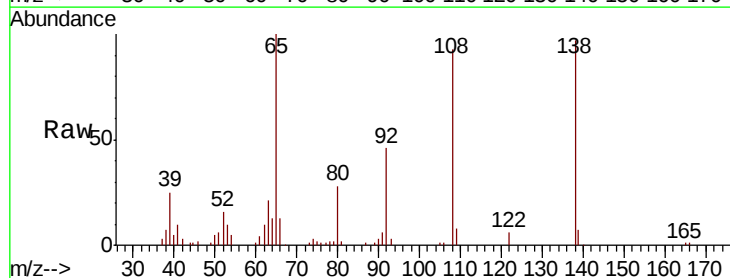


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

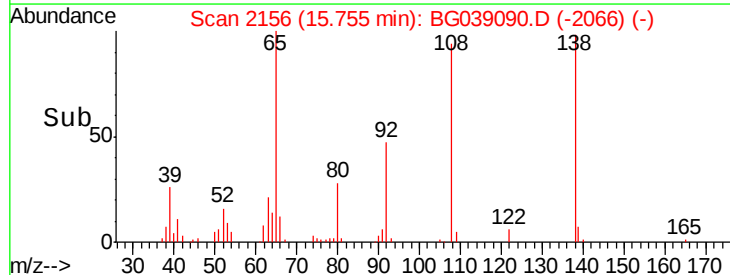
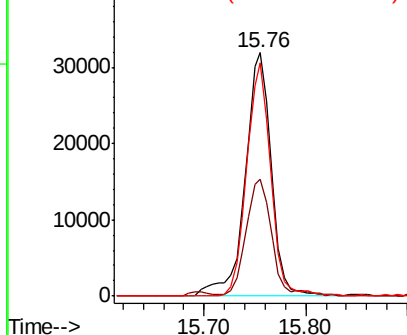


#62
4-Nitroaniline
Concen: 42.383 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:138 Resp: 56669
Ion Ratio Lower Upper
138 100
92 48.2 29.7 69.7
108 96.1 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

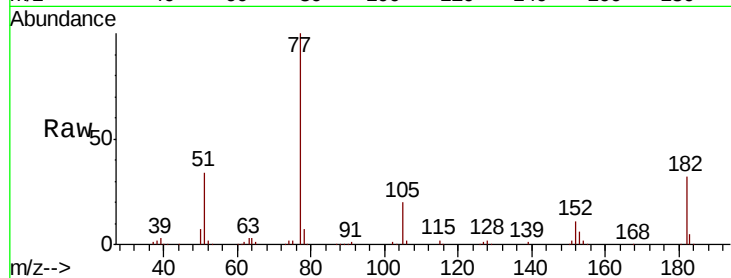




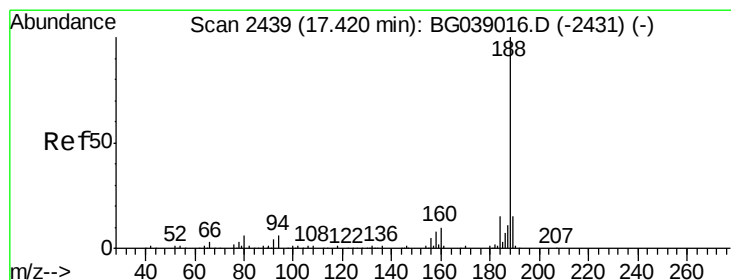
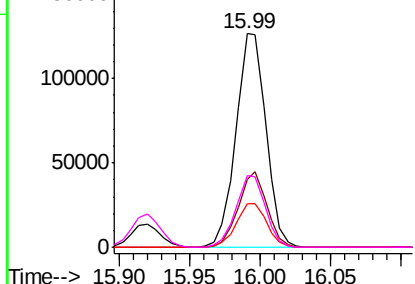
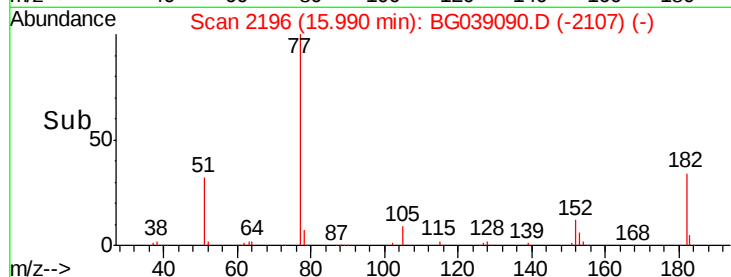
#63
Azobenzene
Concen: 41.321 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion: 77 Resp: 188412
Ion Ratio Lower Upper
77 100
182 32.0 12.2 52.2
105 20.4 1.2 41.2
51 33.6 13.4 53.4

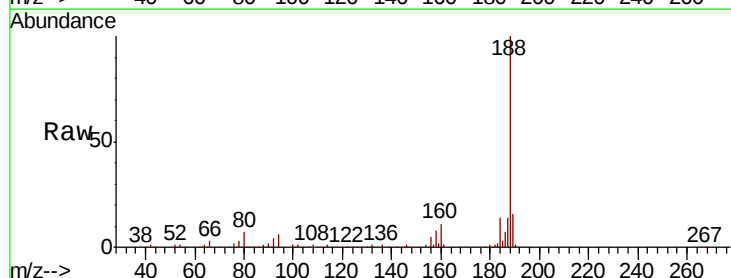


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

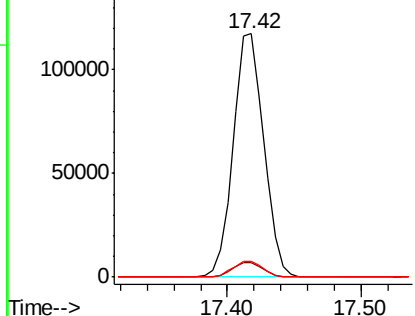
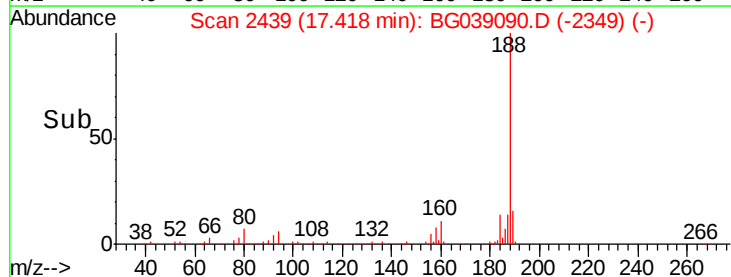


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion: 188 Resp: 186243
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.4
80 6.6 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 31.041 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

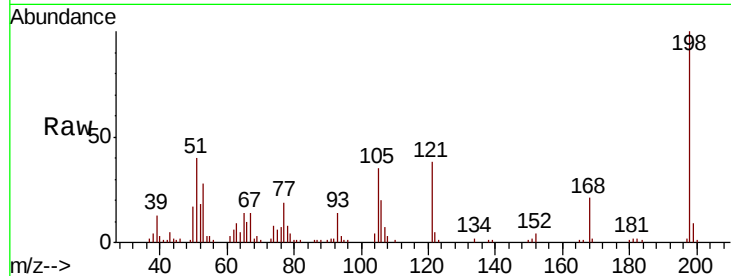
Tot Ion:198 Resp: 42830

Ion Ratio Lower Upper

198 100

51 39.7 20.8 60.8

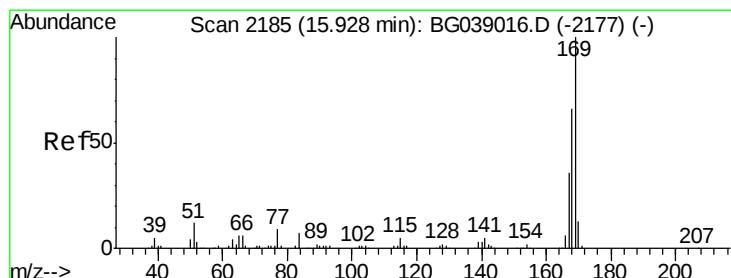
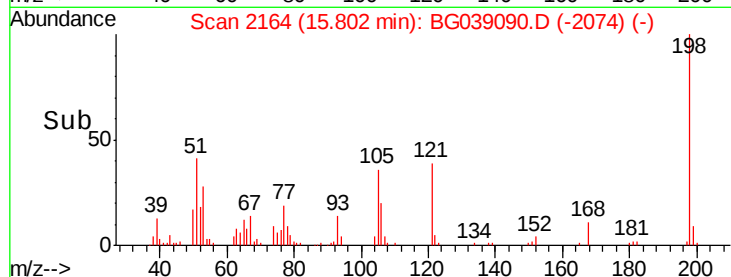
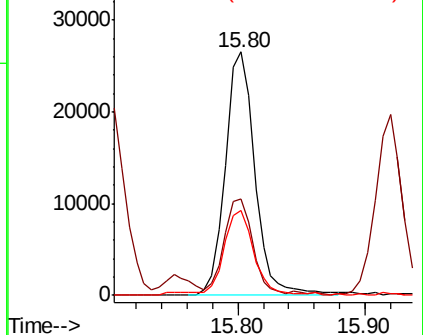
105 35.1 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.360 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

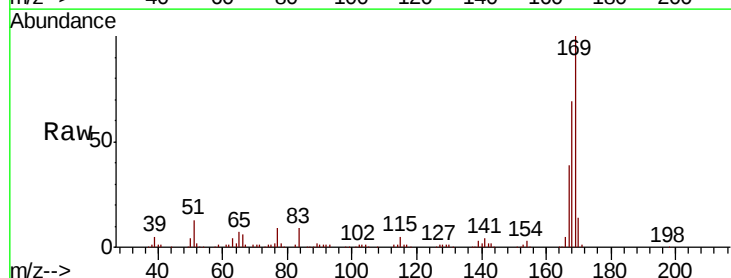
Tgt Ion:169 Resp: 211792

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

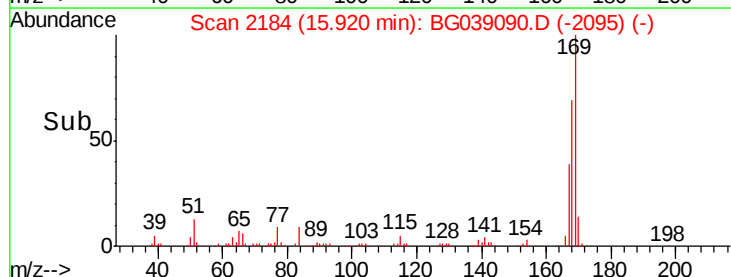
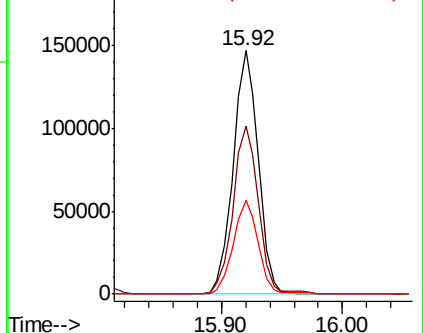
167 38.7 29.1 43.7

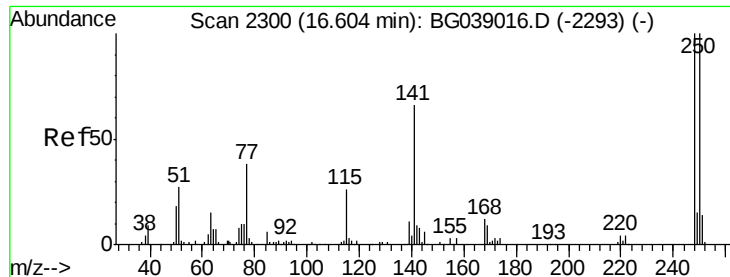


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

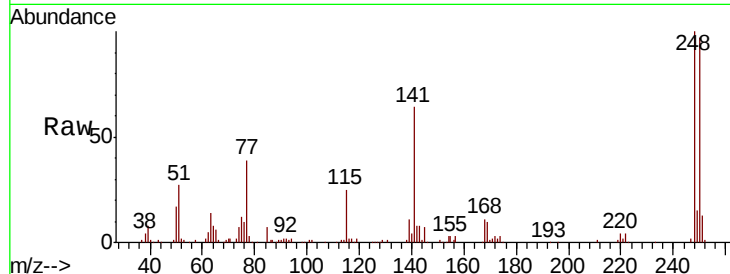




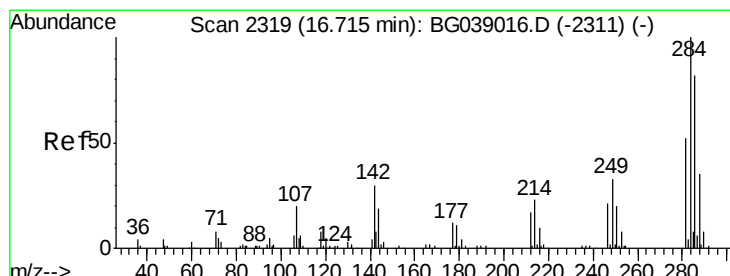
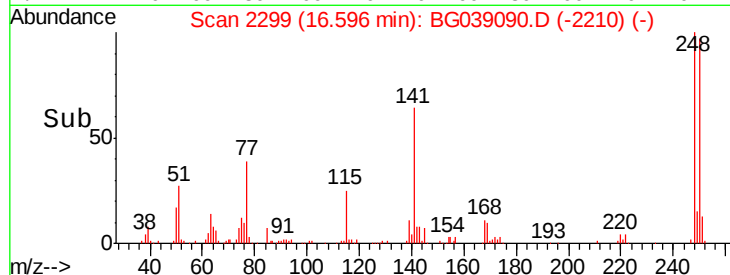
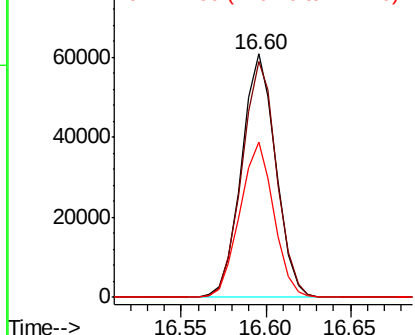
#67
4-Bromophenyl-phenylether
Concen: 35.804 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:248 Resp: 85718
Ion Ratio Lower Upper
248 100
250 97.0 79.9 119.9
141 63.9 52.7 79.1

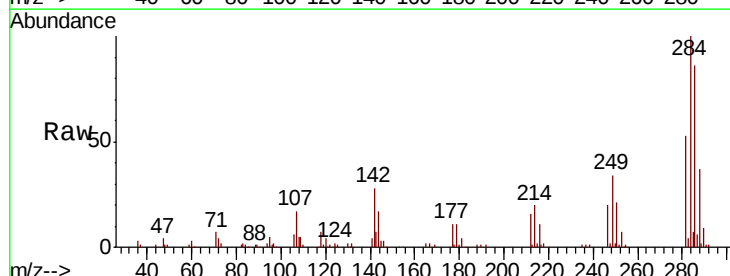


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

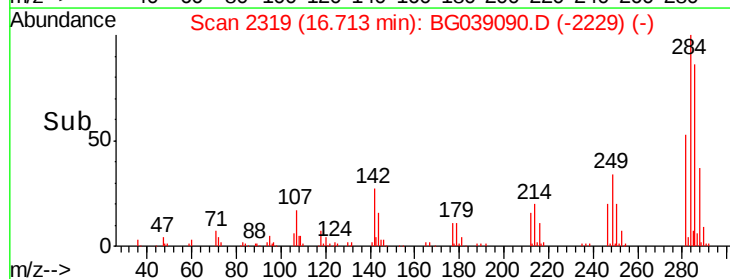
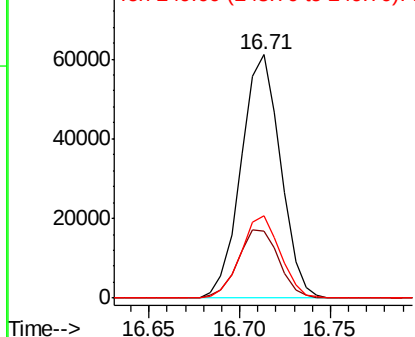


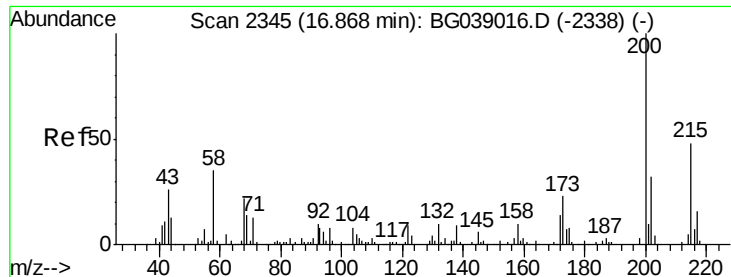
#68
Hexachlorobenzene
Concen: 35.299 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:284 Resp: 92213
Ion Ratio Lower Upper
284 100
142 27.6 24.3 36.5
249 36.0 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

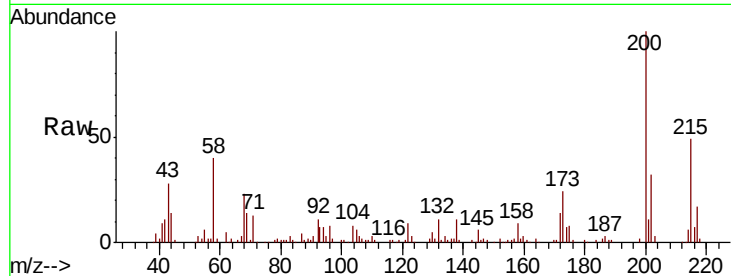




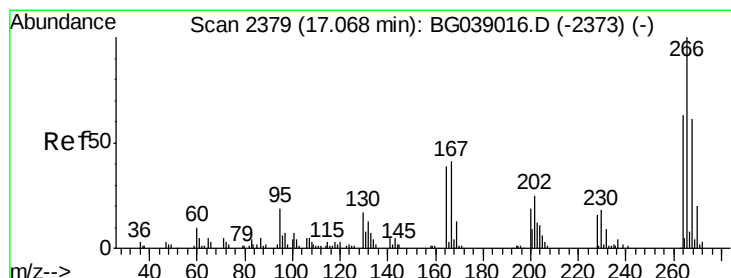
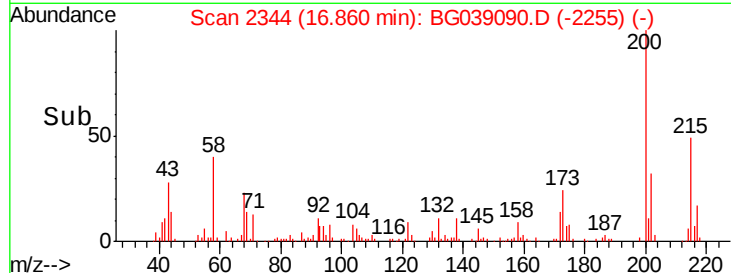
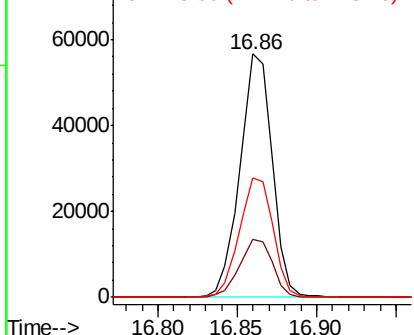
#69
Atrazine
Concen: 34.096 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:200 Resp: 79971
Ion Ratio Lower Upper
200 100
173 23.6 2.6 42.6
215 49.2 28.0 68.0

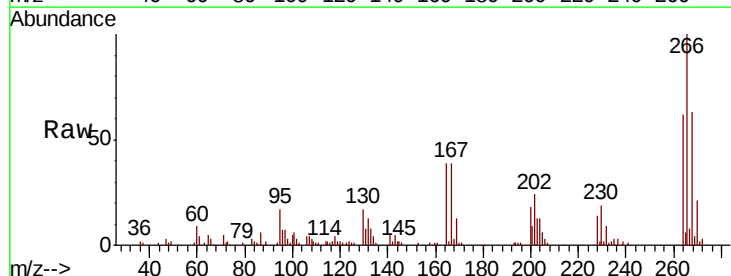


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

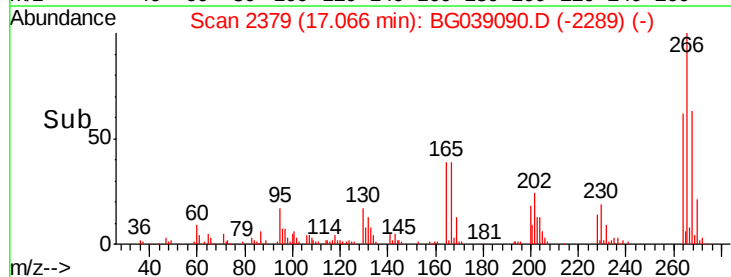
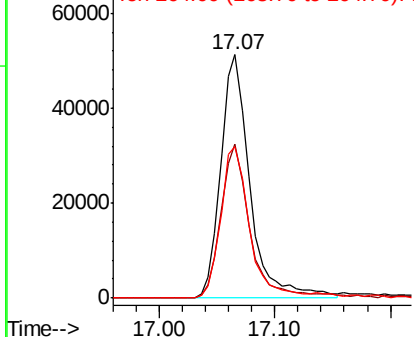


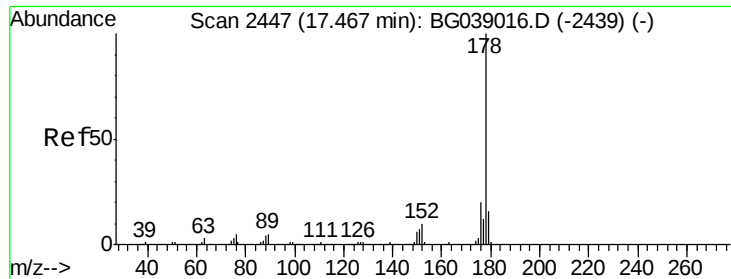
#70
Pentachlorophenol
Concen: 57.490 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:266 Resp: 89952
Ion Ratio Lower Upper
266 100
268 67.5 52.0 78.0
264 62.0 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

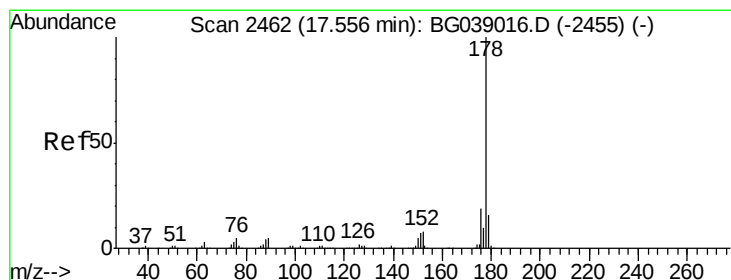
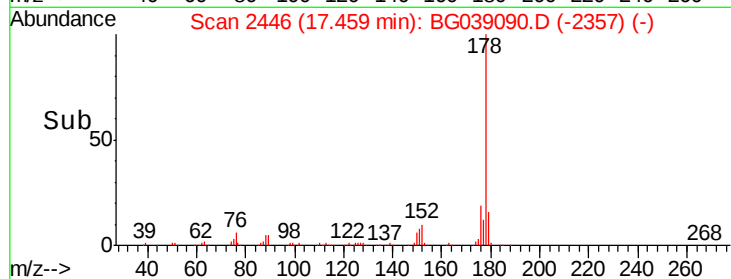
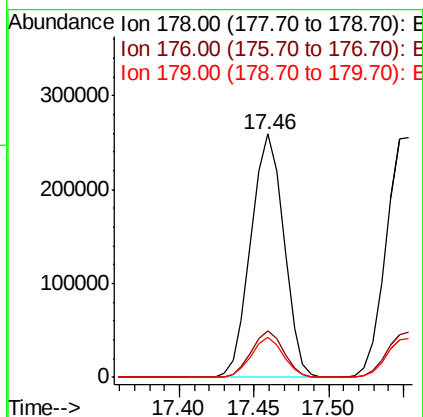
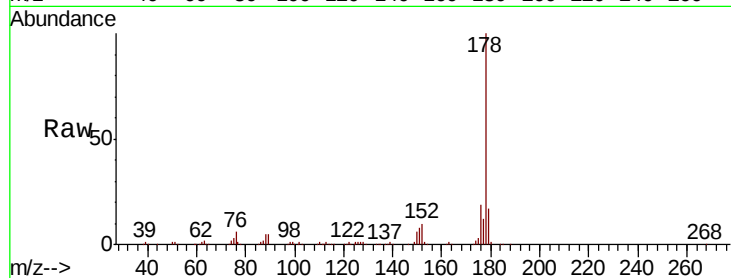




#71
Phenanthrene
Concen: 40.323 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

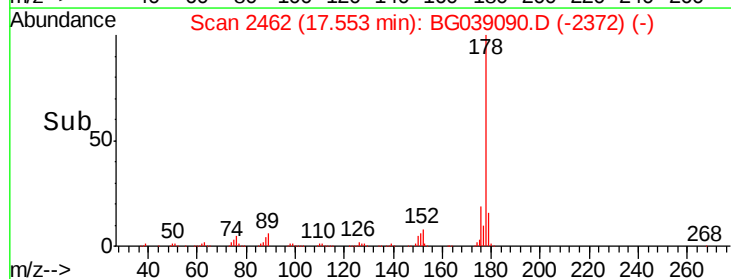
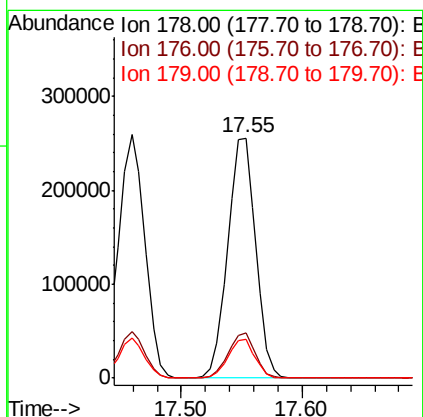
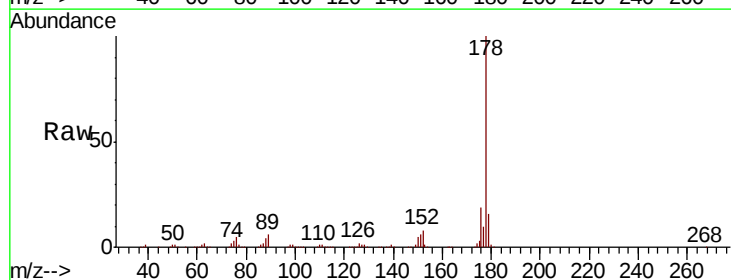
Instrument :
BNA_G
ClientSampleId :
PB116318BS

Tot Ion:178 Resp: 396952
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.5 12.9 19.3



#72
Anthracene
Concen: 42.182 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion:178 Resp: 410569
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.9 13.0 19.4

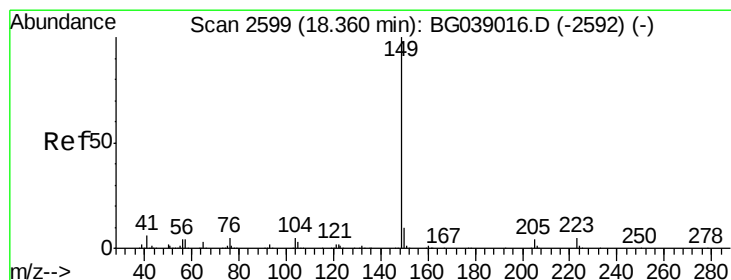
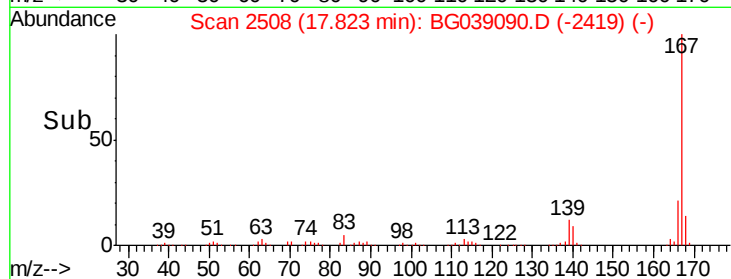
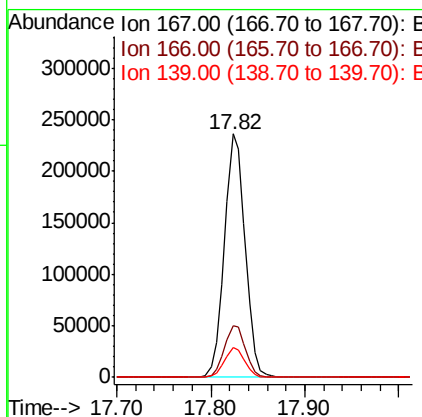
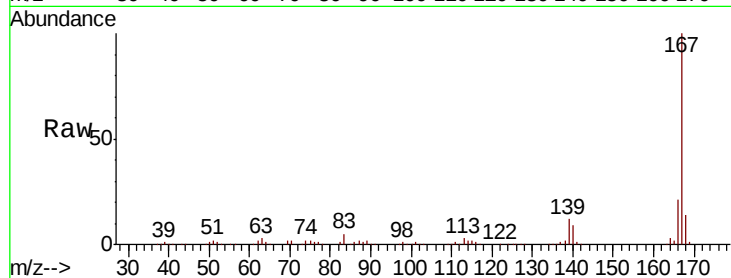




#73
 Carbazole
 Concen: 37.659 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

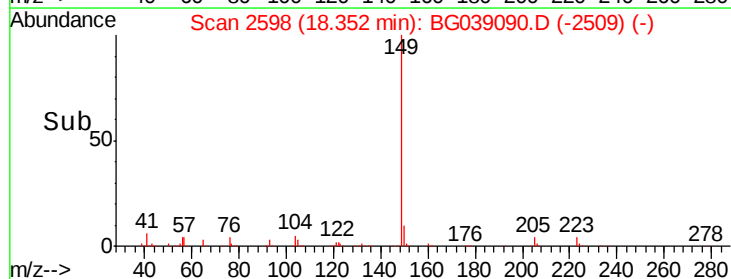
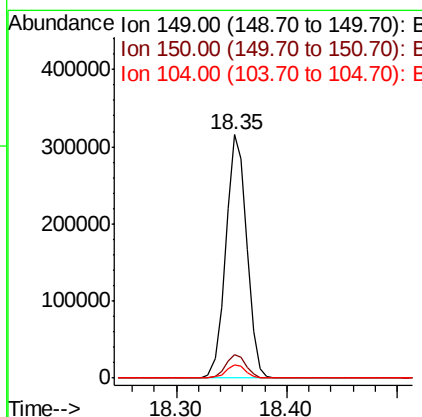
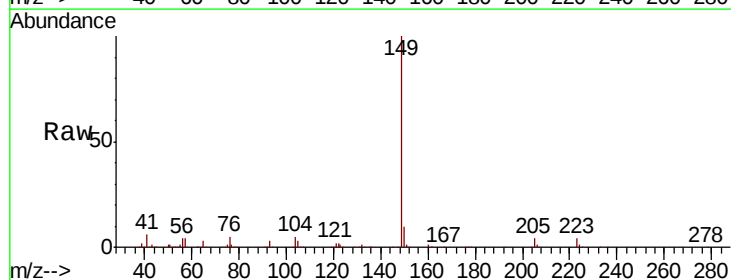
Instrument :
 BNA_G
 ClientSampleId :
 PB116318BS

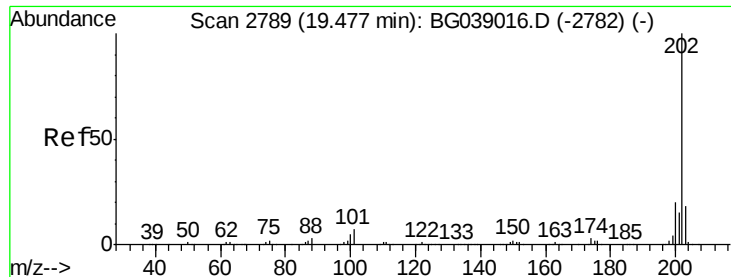
Tot Ion:167 Resp: 361843
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 39.051 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039090.D
 Acq: 11 Jan 2019 18:09

Tgt Ion:149 Resp: 417419
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 41.614 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

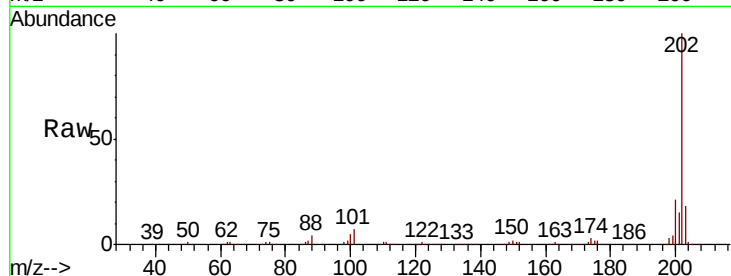
Tot Ion:202 Resp: 507849

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.9

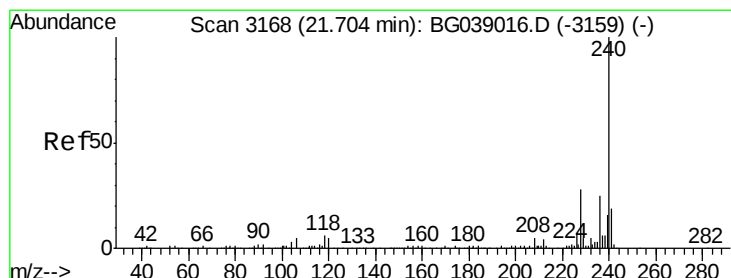
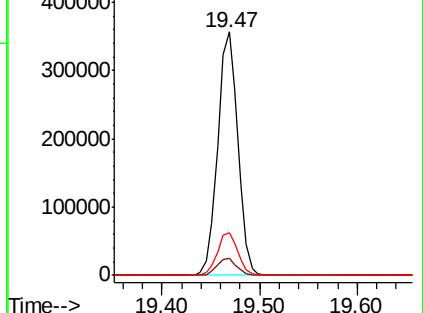
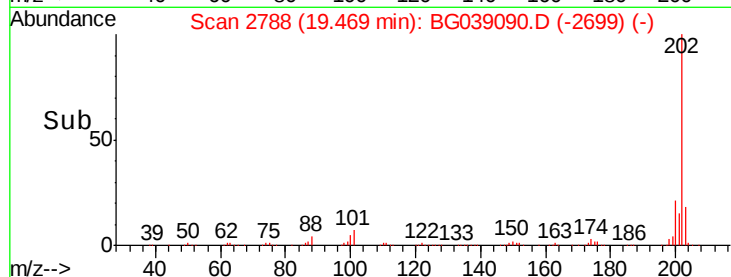
203 17.8 0.0 38.1



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

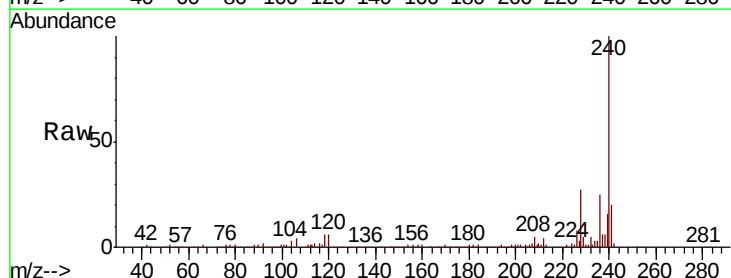
Tgt Ion:240 Resp: 200158

Ion Ratio Lower Upper

240 100

120 6.3 4.3 6.5

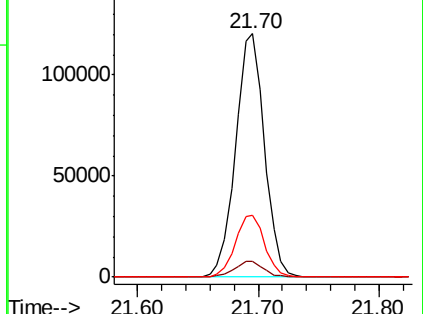
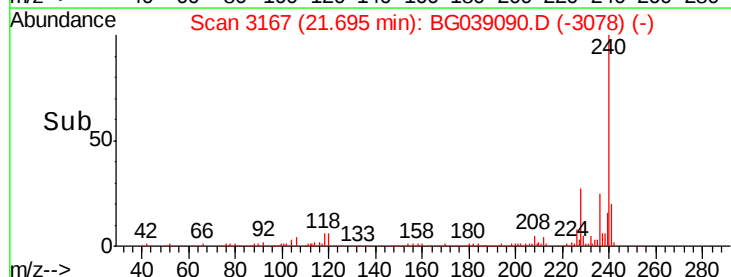
236 25.3 20.1 30.1



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: 27.559 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

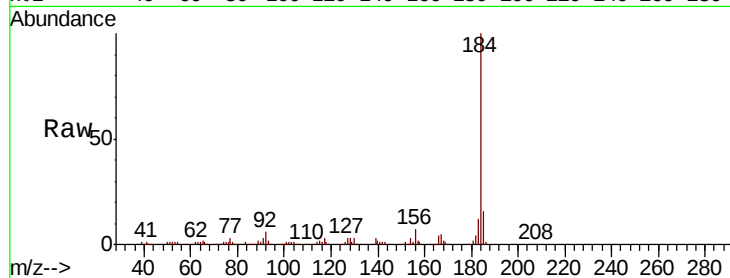
Tot Ion:184 Resp: 168721

Ion Ratio Lower Upper

184 100

185 16.3 12.1 18.1

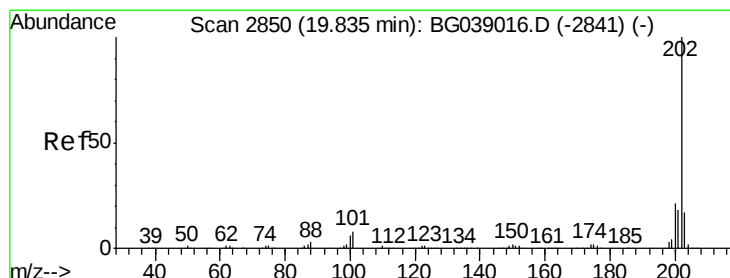
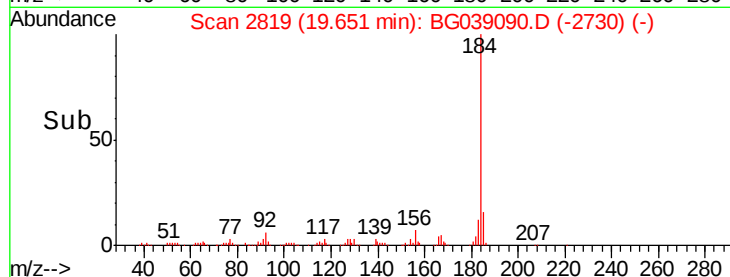
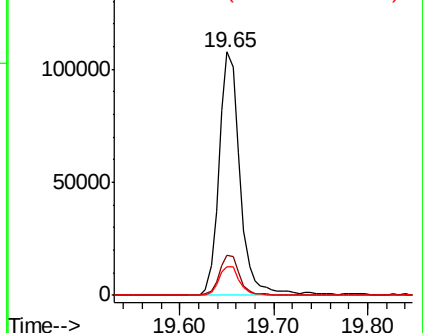
183 11.7 9.5 14.3



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: 39.609 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

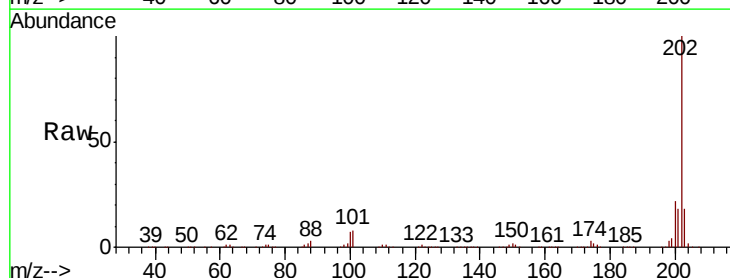
Tgt Ion:202 Resp: 505240

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

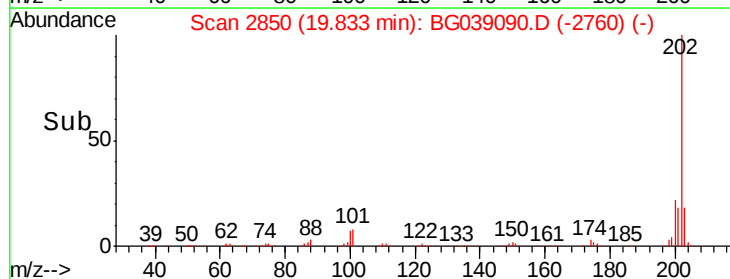
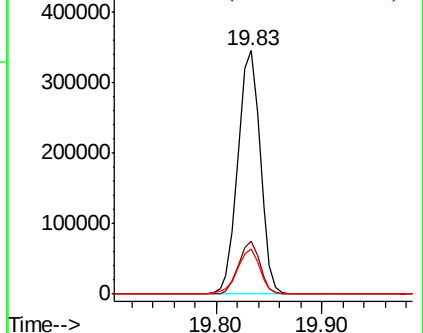
203 18.3 14.0 21.0

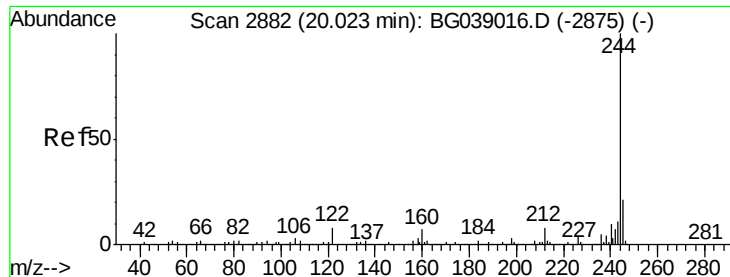


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.951 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

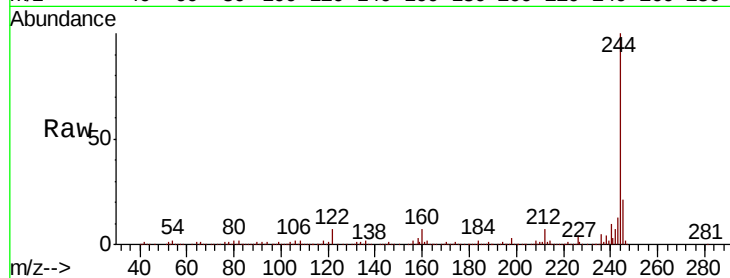
Tot Ion:244 Resp: 832613

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

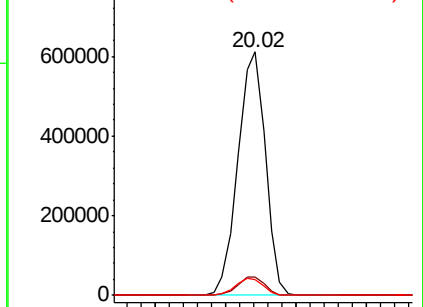
122 6.7 6.1 9.1



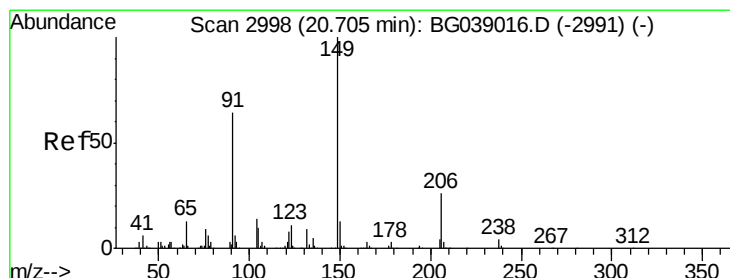
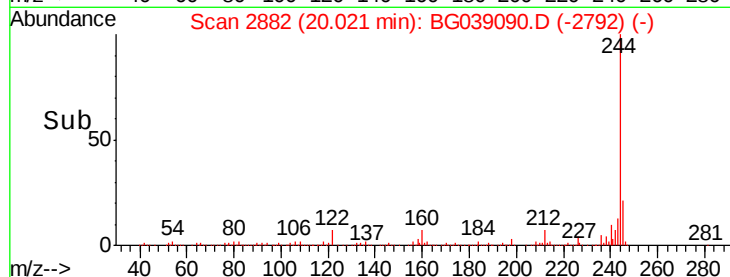
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 40.044 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

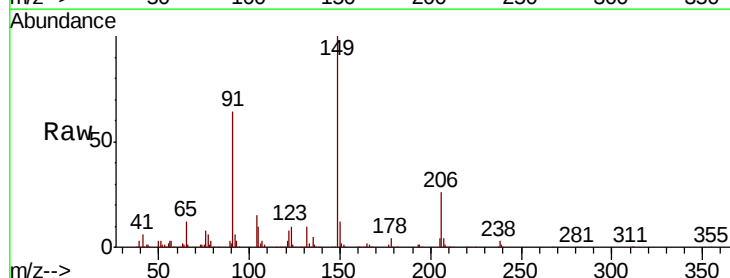
Tgt Ion:149 Resp: 194272

Ion Ratio Lower Upper

149 100

91 64.1 51.4 77.0

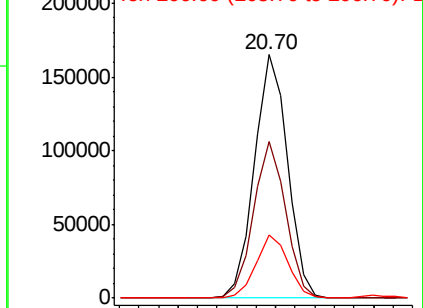
206 25.8 20.4 30.6



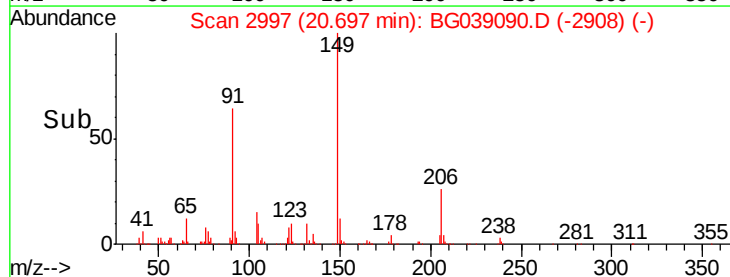
Abundance Ion 149.00 (148.70 to 149.70): E

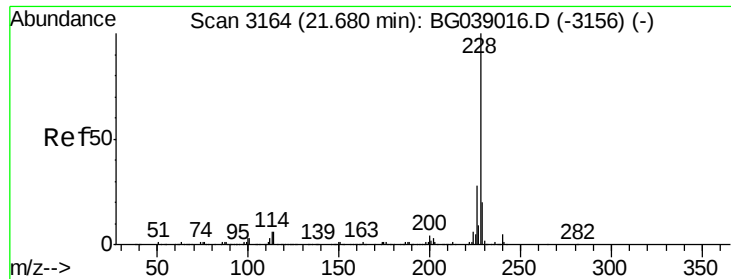
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->

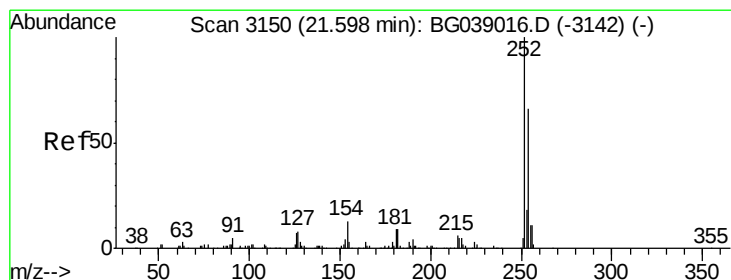
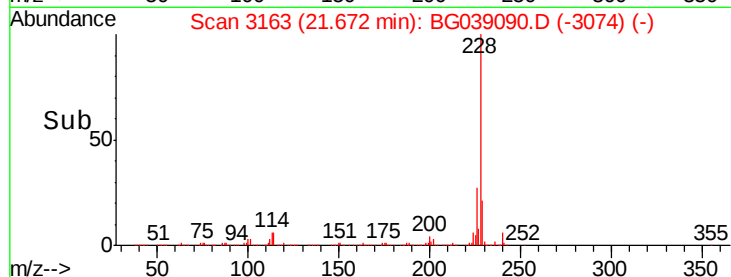
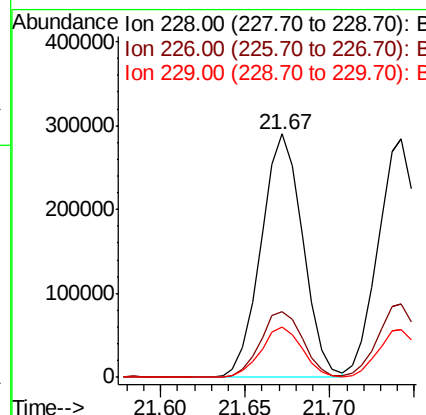
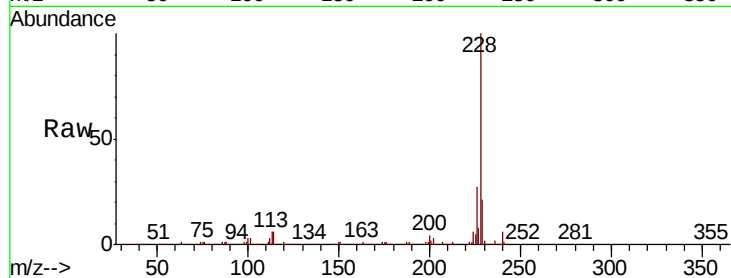




#81
Benzo(a)anthracene
Concen: 40.883 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

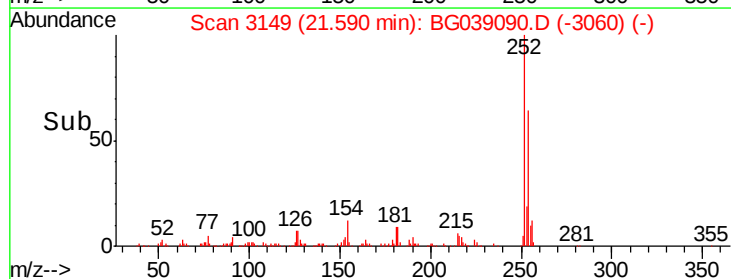
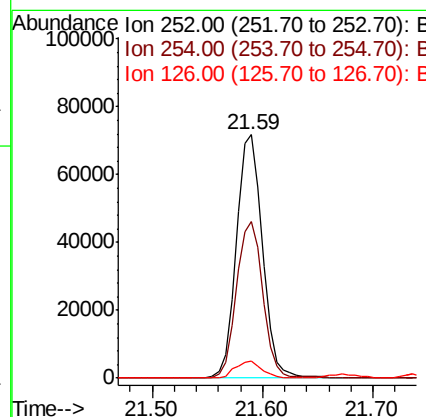
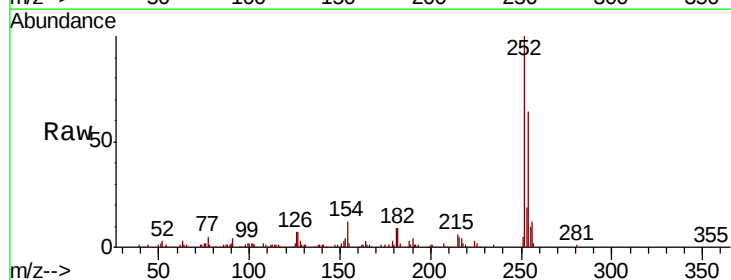
Instrument :
BNA_G
ClientSampleId :
PB116318BS

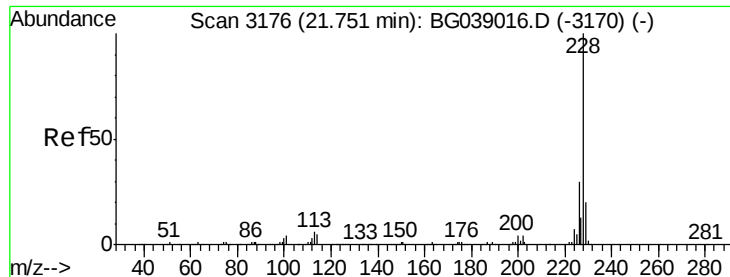
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.4	33.6
229	20.7	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 24.023 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.0	79.6
126	7.0	6.0	9.0





#83

Chrysene

Concen: 40.323 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

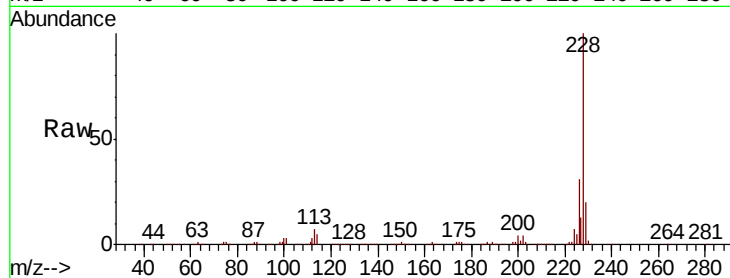
BNA_G

ClientSampleId :

PB116318BS

Tot Ion:228 Resp: 467285

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.2	16.0	24.0

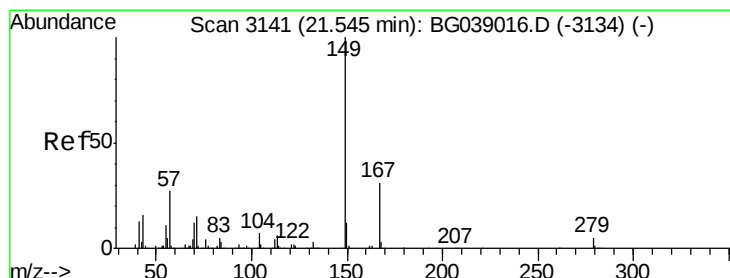
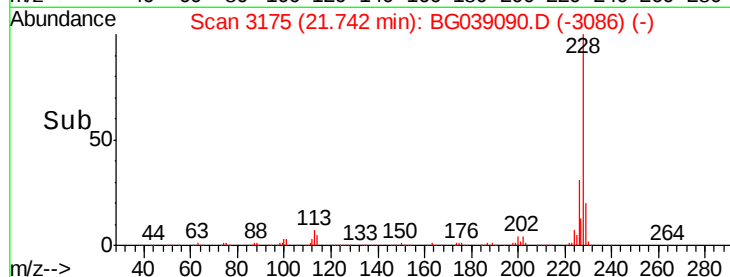
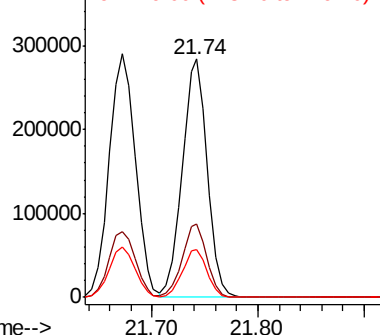


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.691 ng

RT: 21.54 min Scan# 3140

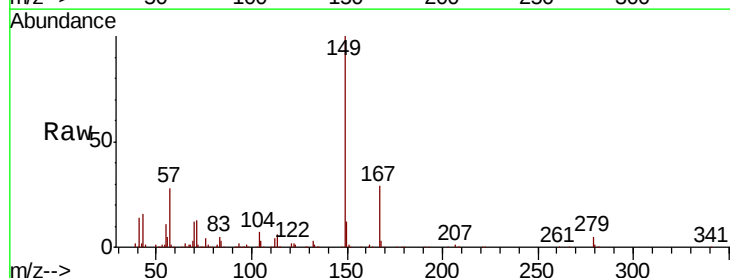
Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Tgt Ion:149 Resp: 267373

Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	5.4	4.3	6.5

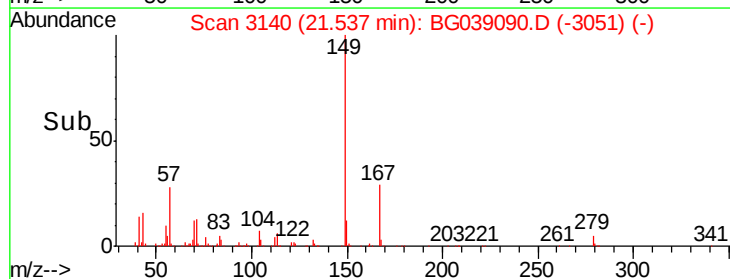
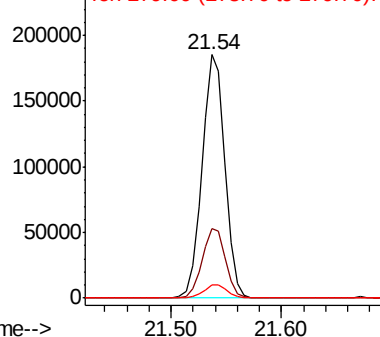


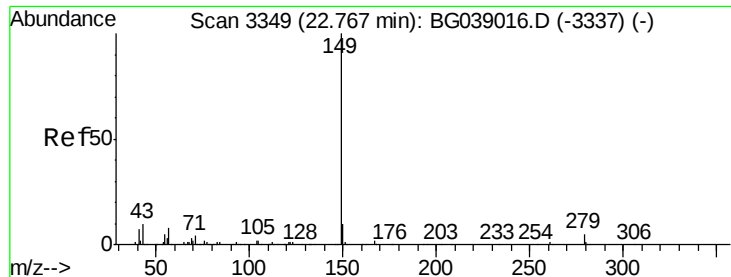
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

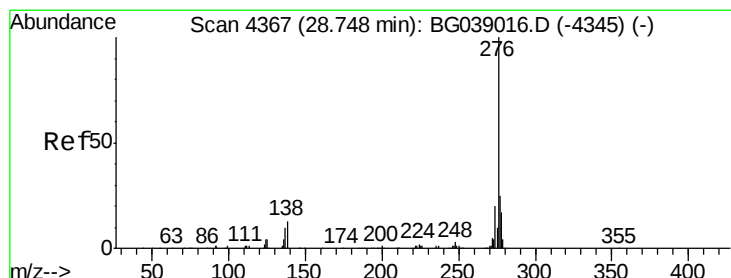
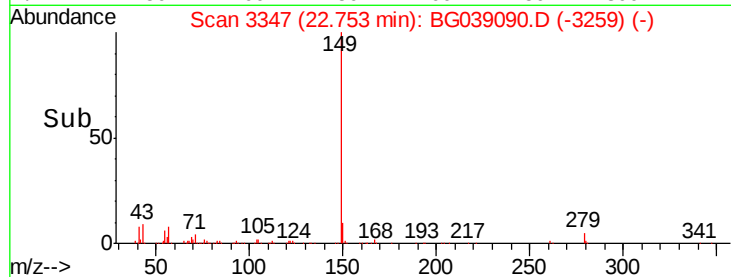
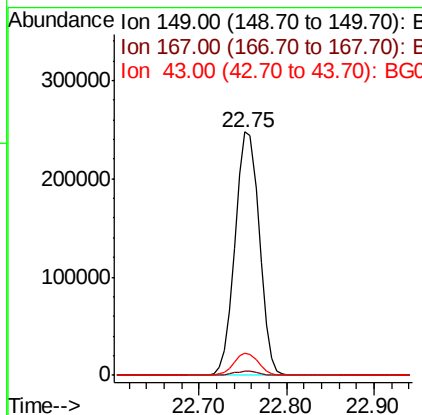
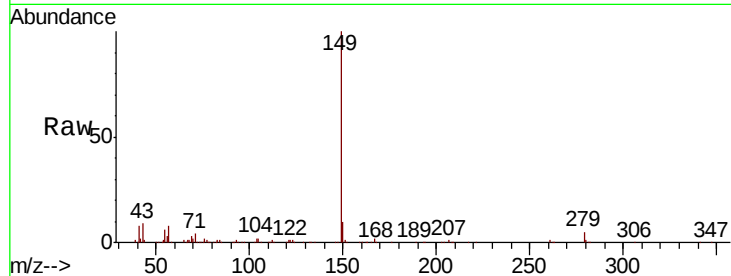




#85
Di-n-octyl phthalate
Concen: 40.570 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

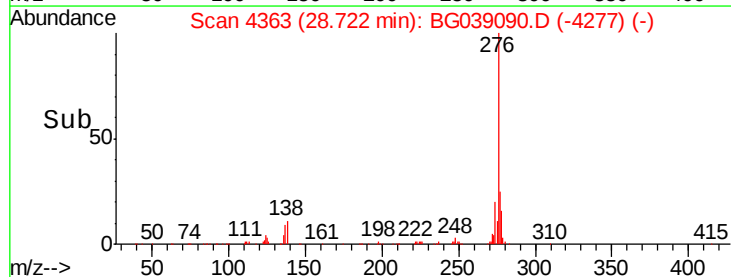
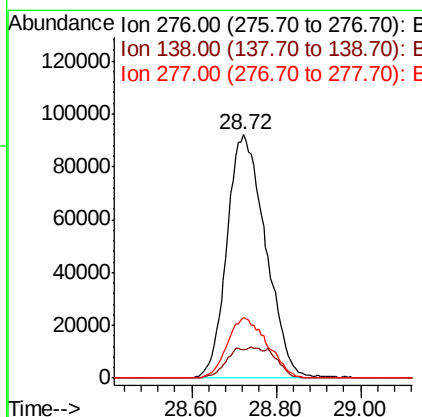
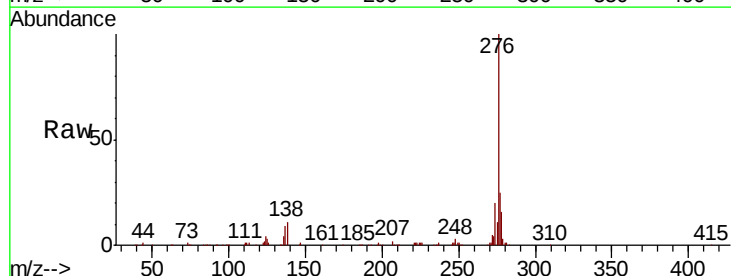
Instrument :
BNA_G
ClientSampleId :
PB116318BS

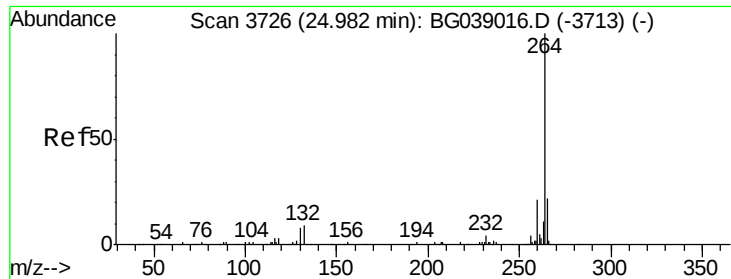
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.243 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.03 min
Lab File: BG039090.D
Acq: 11 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	8.0	12.0#
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

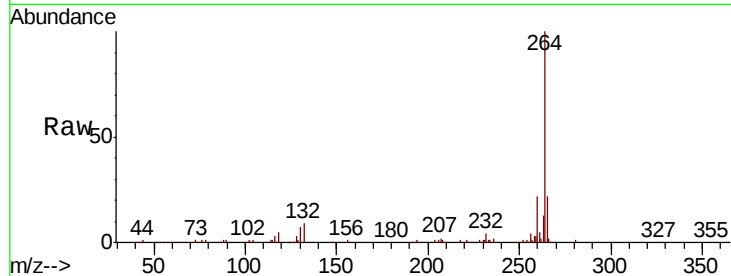
Tot Ion:264 Resp: 212525

Ion Ratio Lower Upper

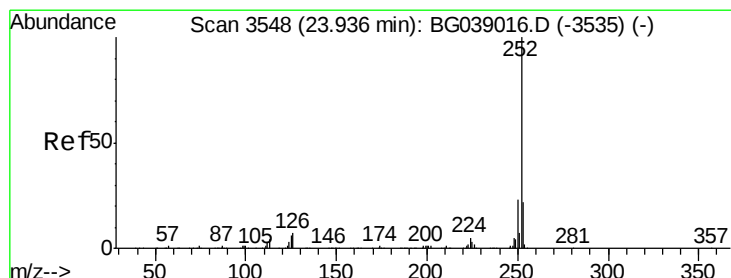
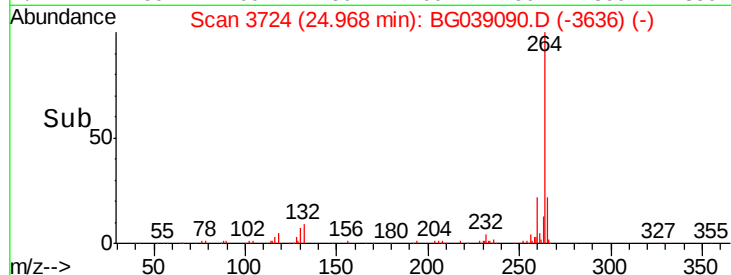
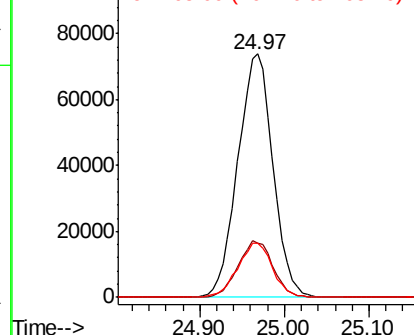
264 100

260 22.1 17.0 25.6

265 22.0 17.2 25.8



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



#88

Benzo(b)fluoranthene

Concen: 42.796 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

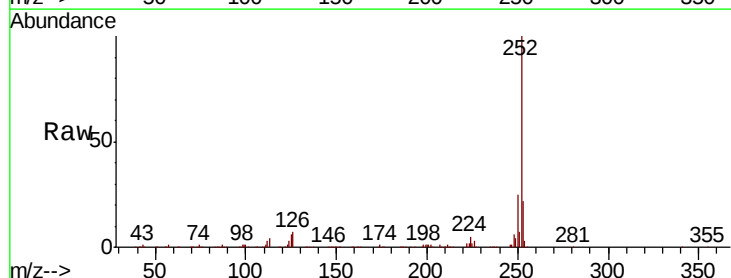
Tgt Ion:252 Resp: 501514

Ion Ratio Lower Upper

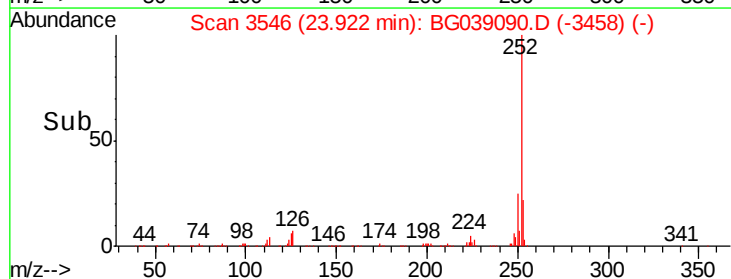
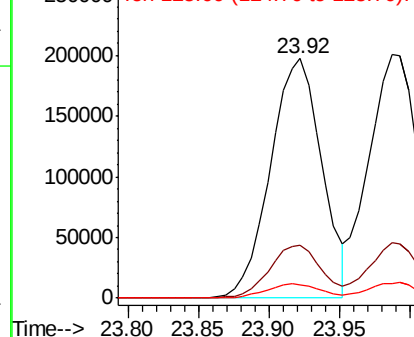
252 100

253 22.2 17.8 26.6

125 5.7 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.641 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

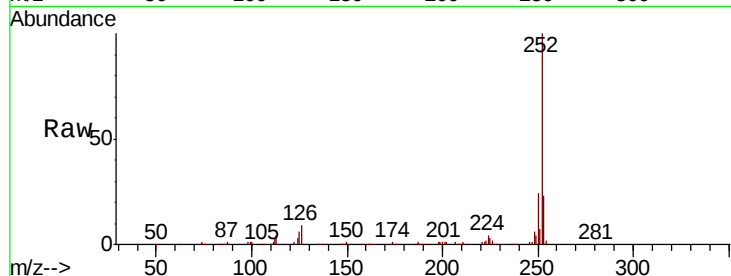
Tot Ion:252 Resp: 494059

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

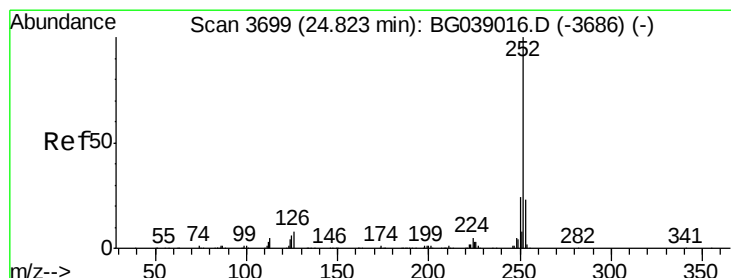
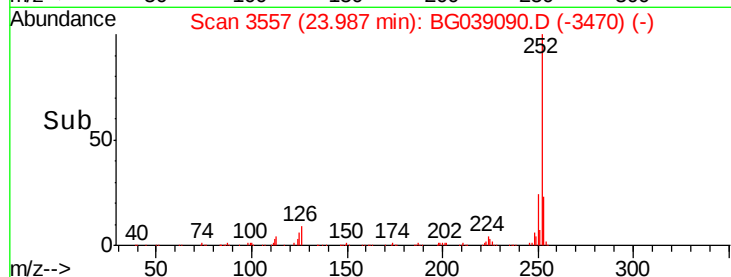
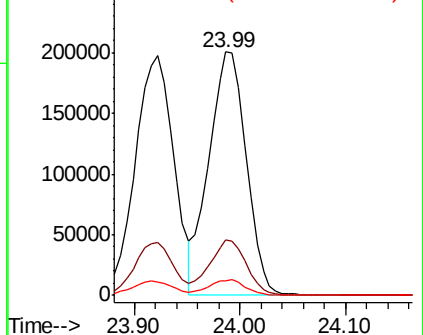
125 6.2 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.437 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

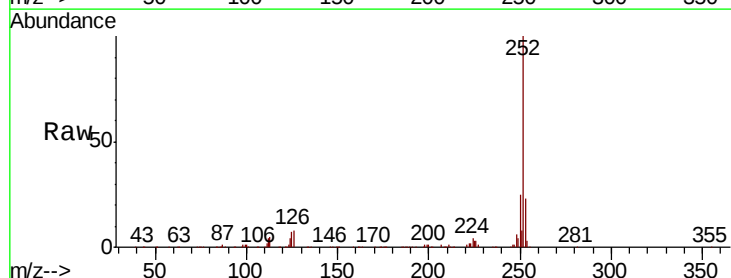
Tgt Ion:252 Resp: 492012

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

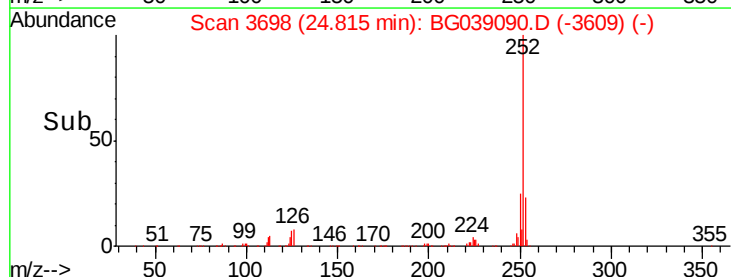
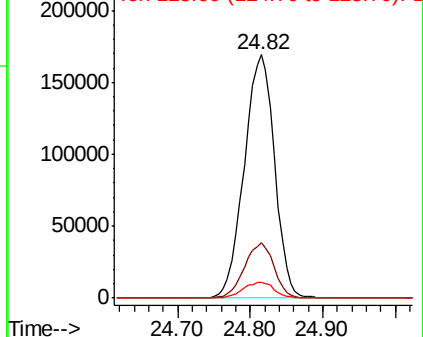
125 6.7 4.9 7.3

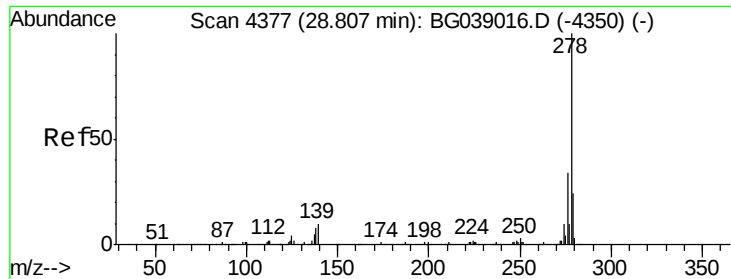


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.091 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB116318BS

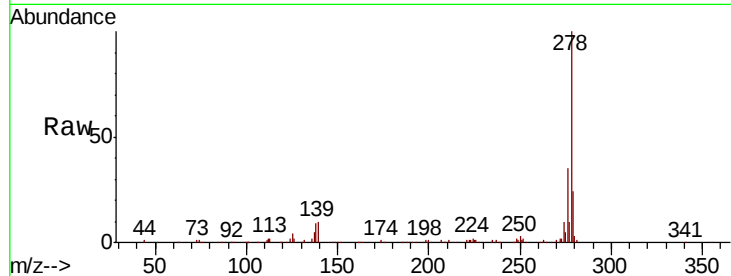
Tot Ion:278 Resp: 485484

Ion Ratio Lower Upper

278 100

139 9.9 7.9 11.9

279 24.2 19.3 28.9

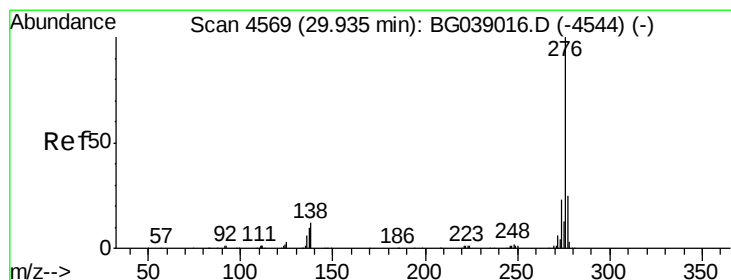
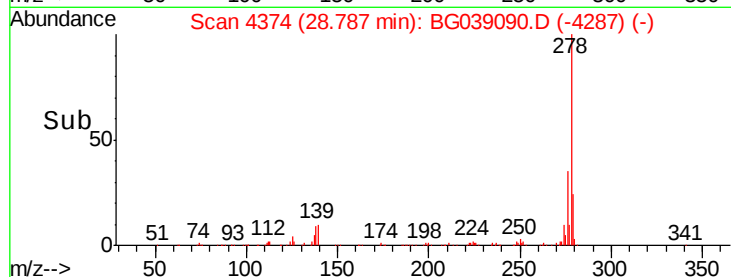
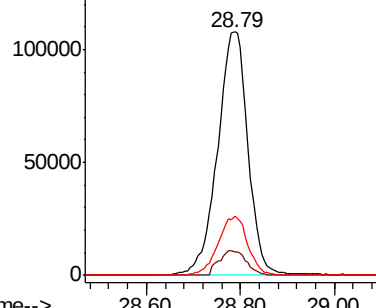


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.203 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.02 min

Lab File: BG039090.D

Acq: 11 Jan 2019 18:09

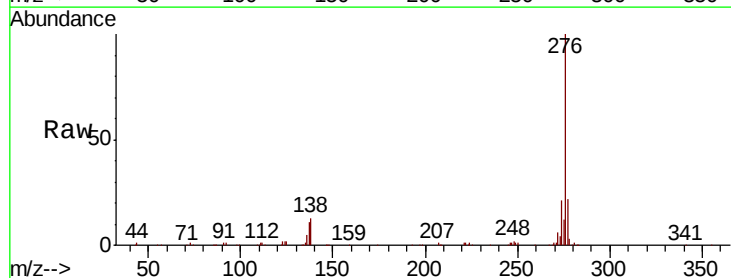
Tgt Ion:276 Resp: 481871

Ion Ratio Lower Upper

276 100

277 22.5 20.3 30.5

138 12.5 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

