

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039190.D
 Acq On : 17 Jan 2019 17:22
 Operator : JU/SJ
 Sample : PB116427BSBS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Quant Time: Jan 18 04:12:23 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	8.01	152	20334	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	78129	20.00	ng	-0.02
39) Acenaphthene-d10	14.65	164	55290	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	154288	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	171181	20.00	ng	-0.02
87) Perylene-d12	24.95	264	182197	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	135405	126.32	ng	-0.01
7) Phenol-d6	7.17	99	181524	117.67	ng	-0.02
23) Nitrobenzene-d5	9.19	82	98426	68.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	94976	102.48	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	291072	72.05	ng	-0.02
79) Terphenyl-d14	20.01	244	606025	65.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	12423	29.595	ng	94
3) Pyridine	3.85	79	33655	29.507	ng	96
4) n-Nitrosodimethylamine	3.77	42	20475	39.892	ng	98
6) Aniline	7.34	93	39359	21.245	ng	96
8) 2-Chlorophenol	7.57	128	42407	33.561	ng	96
9) Benzaldehyde	7.16	77	18081	20.324	ng	98
10) Phenol	7.20	94	61118	39.518	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36280	30.692	ng	98
12) 1,3-Dichlorobenzene	7.90	146	45538	30.080	ng	98
13) 1,4-Dichlorobenzene	8.05	146	46836	30.547	ng	98
14) 1,2-Dichlorobenzene	8.37	146	53611	36.673	ng	98
15) Benzyl Alcohol	8.26	79	44798	38.562	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87050	38.405	ng	99
17) 2-Methylphenol	8.46	107	43687	40.680	ng	97
18) Hexachloroethane	9.09	117	17720	34.019	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	36481	36.013	ng	93
20) 3+4-Methylphenols	8.78	107	61385	40.091	ng	92
22) Acetophenone	8.84	105	73948	36.243	ng	99
24) Nitrobenzene	9.24	77	45442	31.487	ng	95
25) Isophorone	9.75	82	84298	34.275	ng	100
26) 2-Nitrophenol	9.94	139	24662	31.593	ng	95
27) 2,4-Dimethylphenol	9.99	122	42441	38.645	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	50081	33.881	ng	98
29) 2,4-Dichlorophenol	10.48	162	48219	35.342	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	52279	31.891	ng	98
31) Naphthalene	10.88	128	133426	34.050	ng	99
32) Benzoic acid	10.17	122	6616	17.315	ng	94
33) 4-Chloroaniline	11.01	127	19188	10.944	ng	95
34) Hexachlorobutadiene	11.14	225	35992	31.908	ng	99
35) Caprolactam	11.77	113	8310	15.189	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	52809	36.189	ng	91
37) 2-Methylnaphthalene	12.49	142	108086	36.791	ng	99
38) 1-Methylnaphthalene	12.70	142	102219	36.249	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	68705	33.088	ng	99

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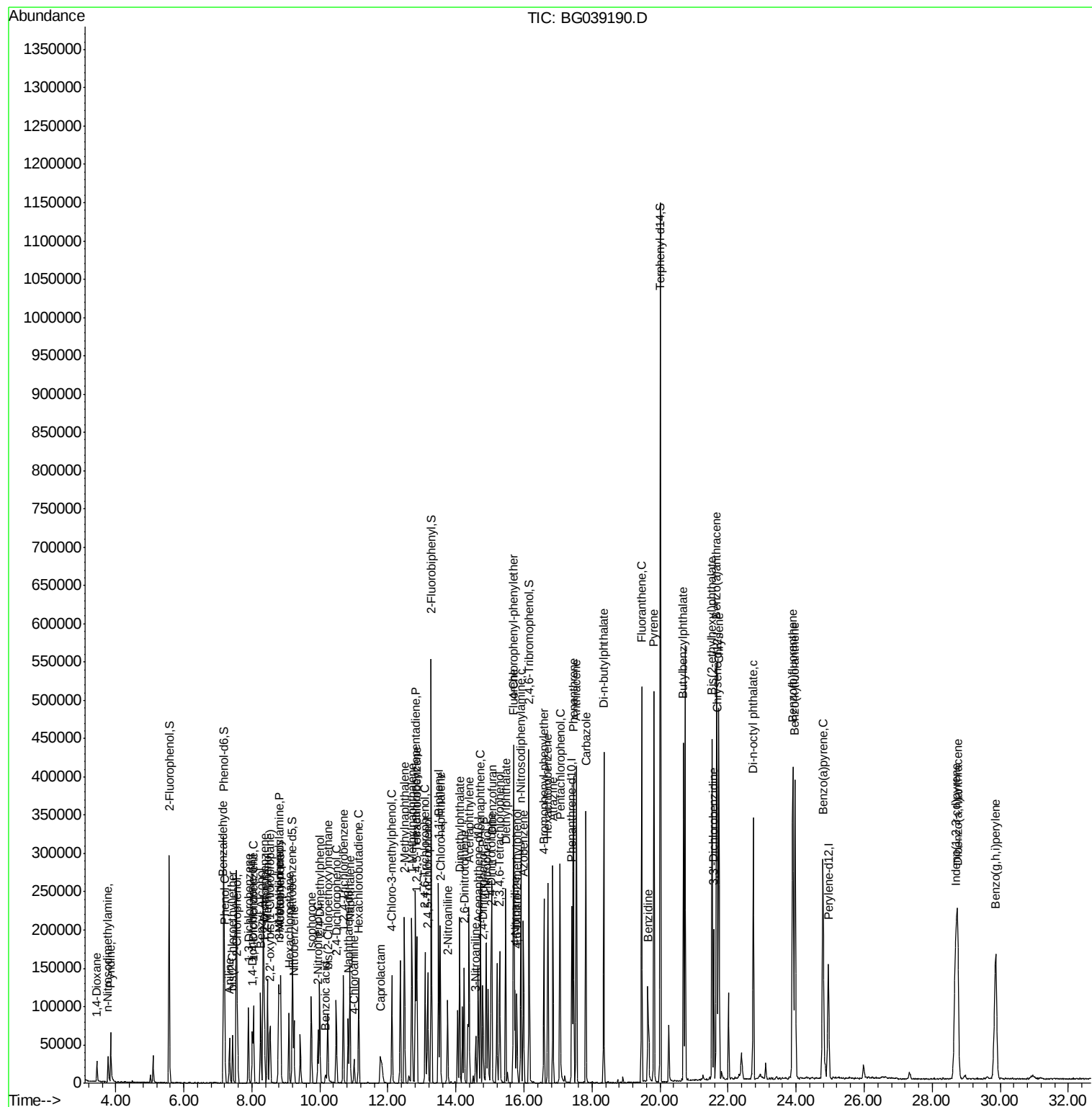
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	76812	66.707	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	46352	35.468	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	48278	34.952	nq	97
46) 1,1'-Biphenyl	13.48	154	144830	33.058	nq	96
47) 2-Chloronaphthalene	13.54	162	113185	31.926	nq	98
48) 2-Nitroaniline	13.75	65	31623	31.839	nq	96
49) Acenaphthylene	14.38	152	182042	34.162	nq	99
50) Dimethylphthalate	14.11	163	153976	32.955	nq	99
51) 2,6-Dinitrotoluene	14.24	165	34601	33.124	nq	96
52) Acenaphthene	14.72	154	102649	32.061	nq	95
53) 3-Nitroaniline	14.58	138	17447	16.464	nq	95
54) 2,4-Dinitrophenol	14.79	184	35998	59.145	nq	94
55) Dibenzofuran	15.05	168	178183	31.512	nq	98
56) 4-Nitrophenol	14.89	139	51859	68.015	nq	97
57) 2,4-Dinitrotoluene	15.03	165	48416	32.306	nq	96
58) Fluorene	15.71	166	146794	34.489	nq	93
59) 2,3,4,6-Tetrachlorophenol	15.28	232	44662	34.254	nq	98
60) Diethylphthalate	15.46	149	152441	31.667	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	83513	31.144	nq	97
62) 4-Nitroaniline	15.74	138	36288	32.872	nq	96
63) Azobenzene	15.98	77	117729	31.273	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	32421	28.363	nq	97
66) n-Nitrosodiphenylamine	15.91	169	133188	29.119	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	56634	28.555	nq	94
68) Hexachlorobenzene	16.70	284	60997	28.185	nq	95
69) Atrazine	16.85	200	59719	30.735	nq	95
70) Pentachlorophenol	17.06	266	73375	56.697	nq	97
71) Phenanthrene	17.45	178	276393	33.892	nq	98
72) Anthracene	17.54	178	287019	35.596	nq	100
73) Carbazole	17.81	167	251245	31.564	nq	99
74) Di-n-butylphthalate	18.34	149	304994	34.442	nq	98
75) Fluoranthene	19.46	202	364827	36.086	nq	100
77) Benzidine	19.64	184	85109	16.255	nq	99
78) Pyrene	19.82	202	365431	33.498	nq	99
80) Butylbenzylphthalate	20.69	149	135121	32.566	nq	99
81) Benzo(a)anthracene	21.66	228	363234	34.857	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	77929	18.354	nq	97
83) Chrysene	21.73	228	337980	34.102	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	196673	34.138	nq	95
85) Di-n-octyl phthalate	22.74	149	322086	33.063	nq	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	425445	35.925	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	407645	40.577	nq	99
89) Benzo(k)fluoranthene	23.97	252	405819	40.855	nq	96
90) Benzo(a)pyrene	24.79	252	367660	37.862	nq	97
91) Dibenzo(a,h)anthracene	28.74	278	353971	36.648	nq	99
92) Benzo(g,h,i)perylene	29.87	276	362537	37.914	nq	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

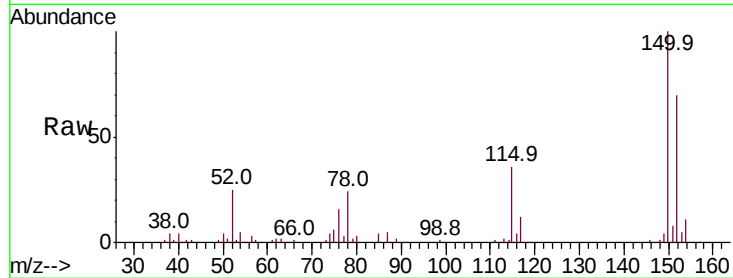
Tot Ion:152 Resp: 20334

Ion Ratio Lower Upper

152 100

150 142.1 124.7 187.1

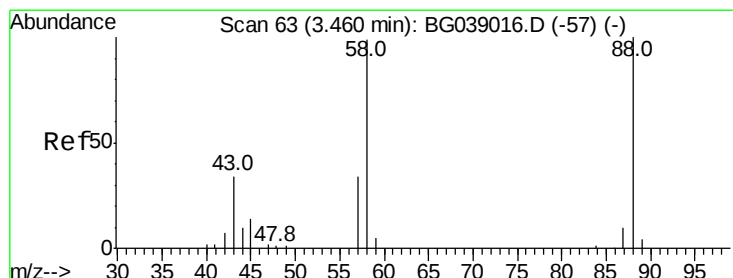
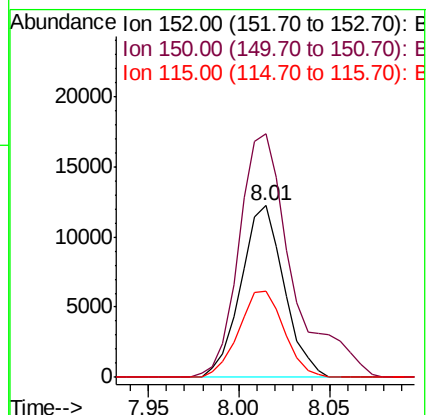
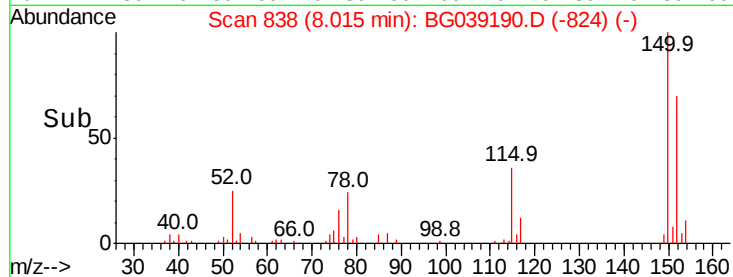
115 50.7 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.595 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

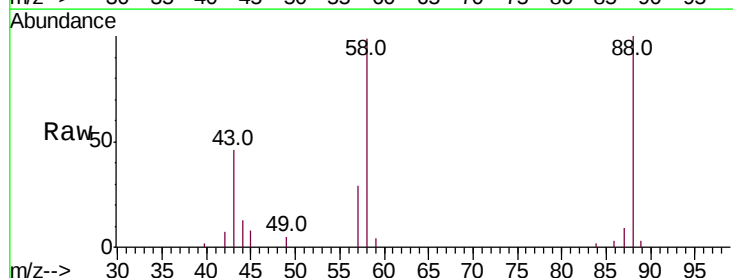
Tgt Ion: 88 Resp: 12423

Ion Ratio Lower Upper

88 100

58 93.9 72.4 108.6

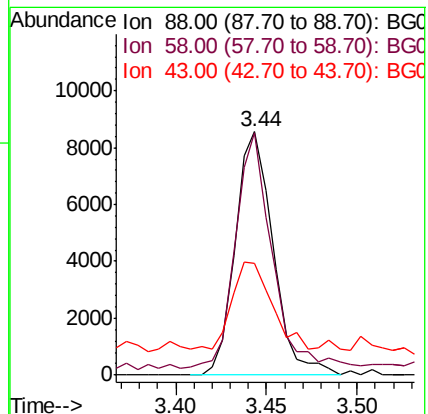
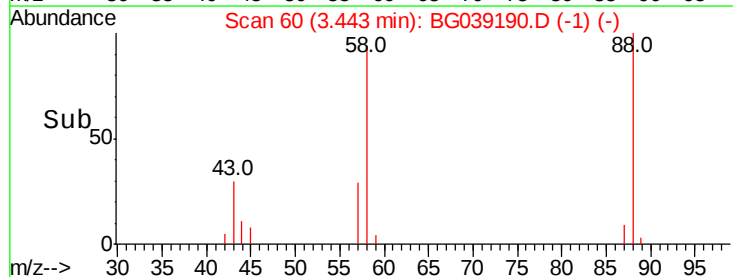
43 40.6 27.6 41.4

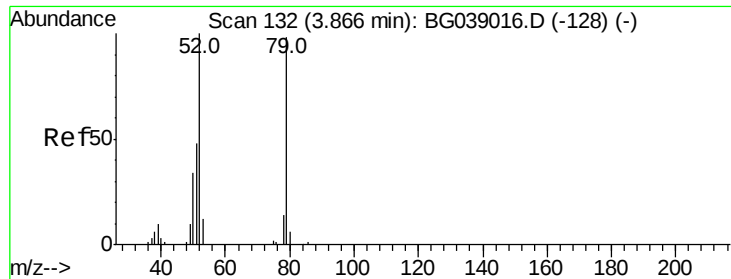


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.507 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

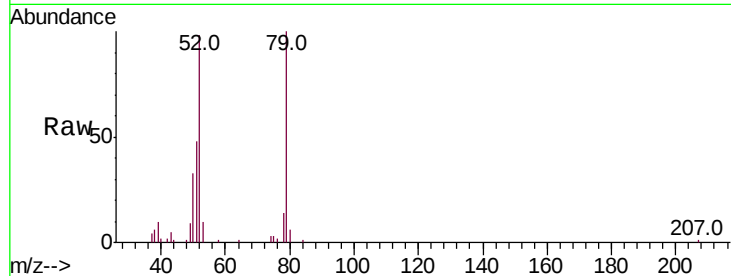
BNA_G

ClientSampleId :

PB116427BS

Tot Ion: 79 Resp: 33655

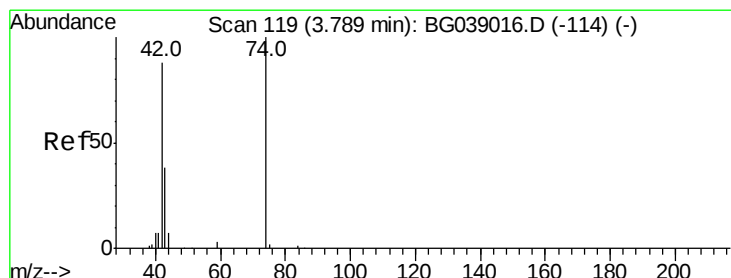
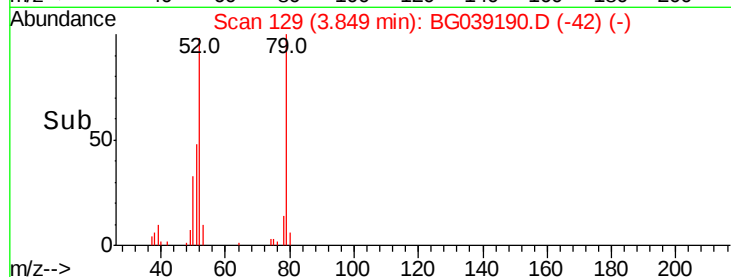
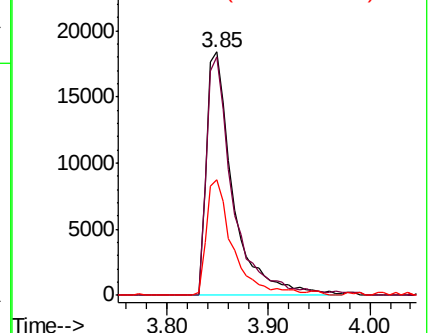
Ion	Ratio	Lower	Upper
79	100		
52	98.0	81.5	122.3
51	47.7	39.8	59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.892 ng

RT: 3.77 min Scan# 116

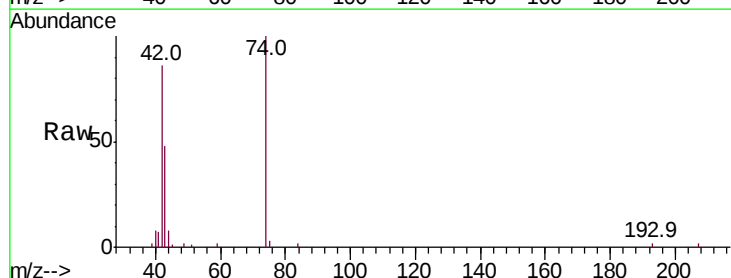
Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion: 42 Resp: 20475

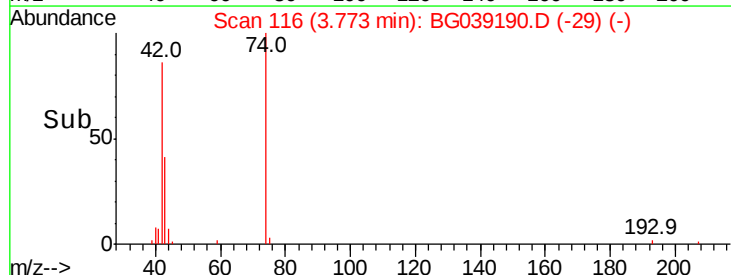
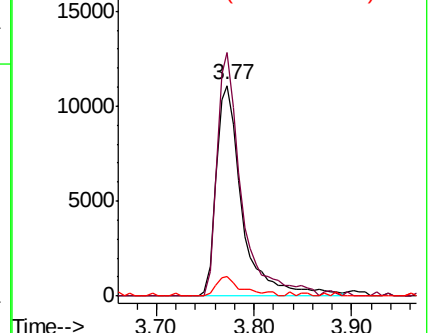
Ion	Ratio	Lower	Upper
42	100		
74	115.7	90.7	136.1
44	9.4	6.5	9.7

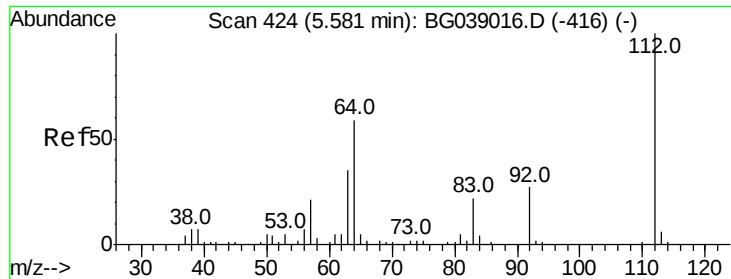


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.321 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

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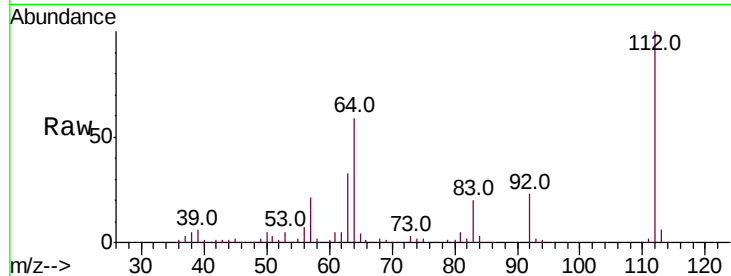
Tot Ion:112 Resp: 135405

Ion Ratio Lower Upper

112 100

64 58.6 47.0 70.6

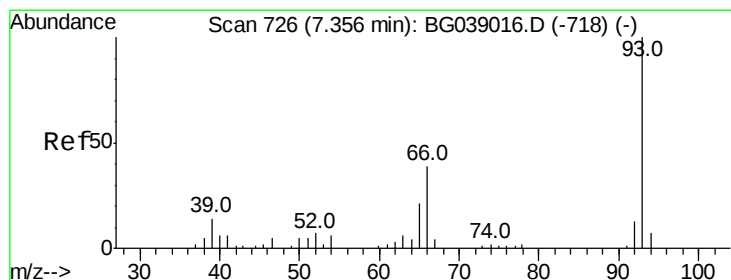
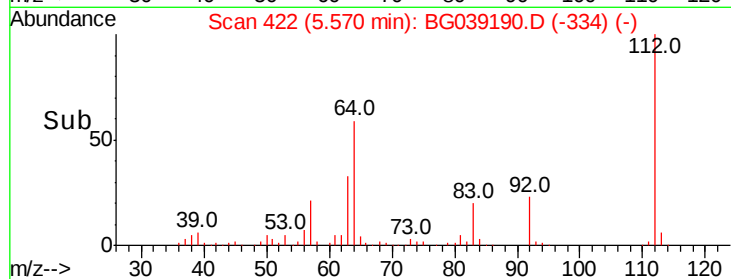
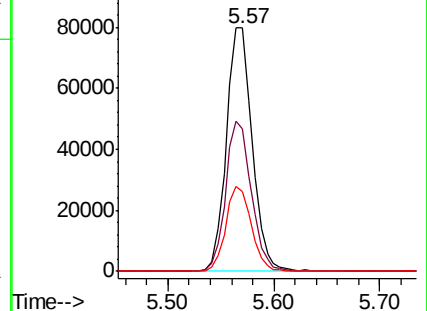
63 32.6 28.0 42.0



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



#6

Aniline

Concen: 21.245 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

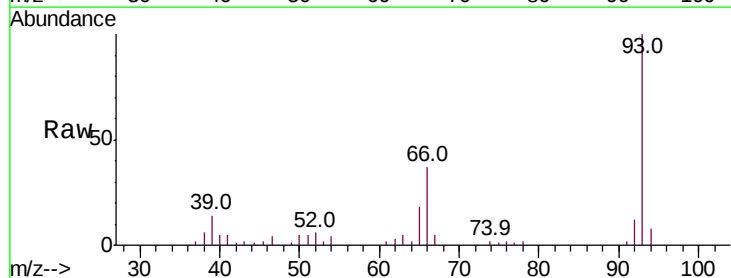
Tgt Ion: 93 Resp: 39359

Ion Ratio Lower Upper

93 100

66 36.8 30.9 46.3

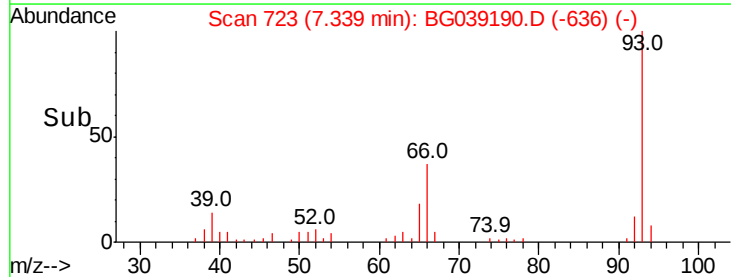
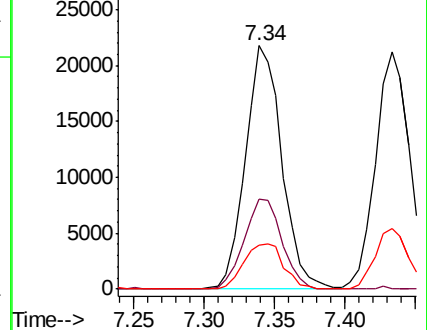
65 18.3 17.0 25.4

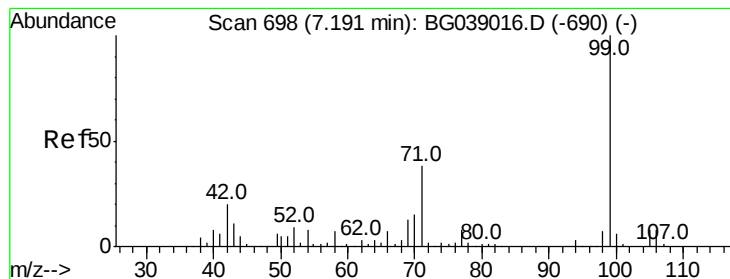


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.672 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

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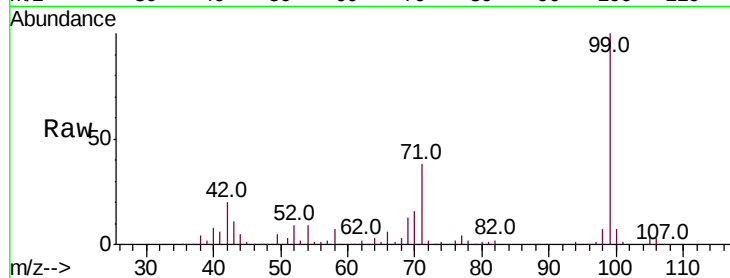
Tot Ion: 99 Resp: 181524

Ion Ratio Lower Upper

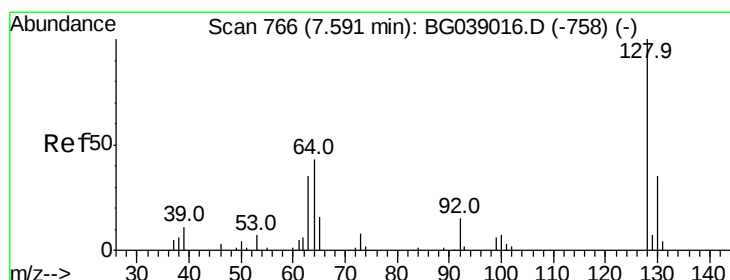
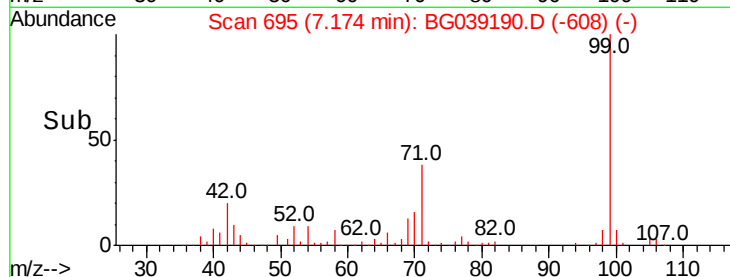
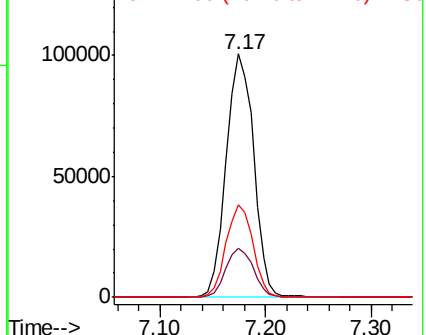
99 100

42 19.9 15.8 23.6

71 38.1 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: 33.561 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

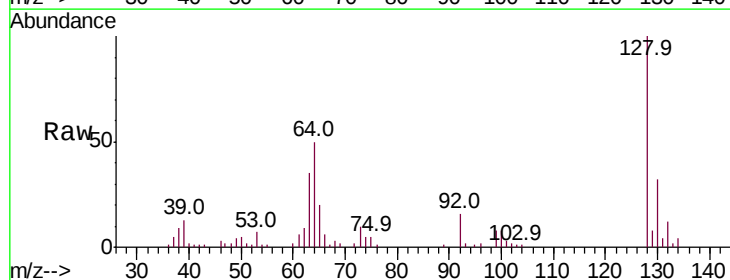
Tgt Ion: 128 Resp: 42407

Ion Ratio Lower Upper

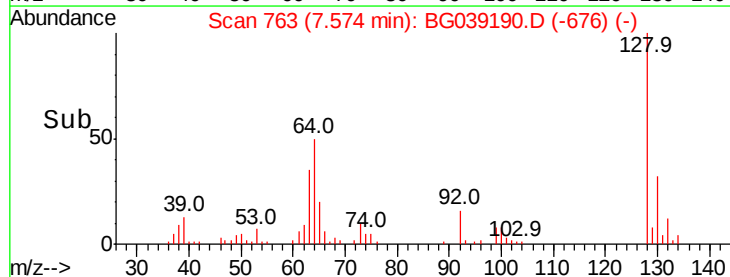
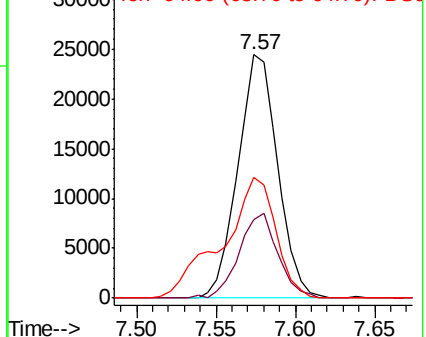
128 100

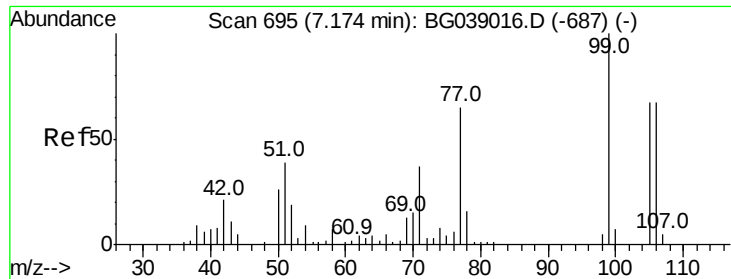
130 32.2 14.5 54.5

64 49.5 27.3 67.3



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





#9

Benzaldehyde

Concen: 20.324 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.02 min

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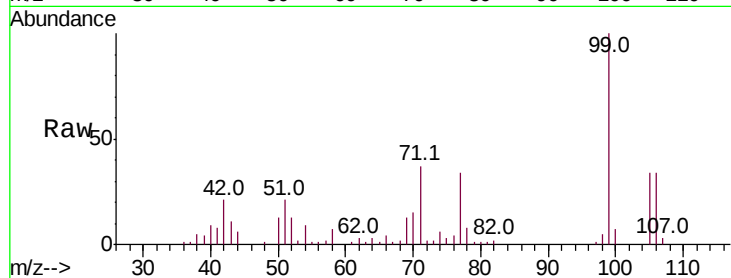
Tot Ion: 77 Resp: 18081

Ion Ratio Lower Upper

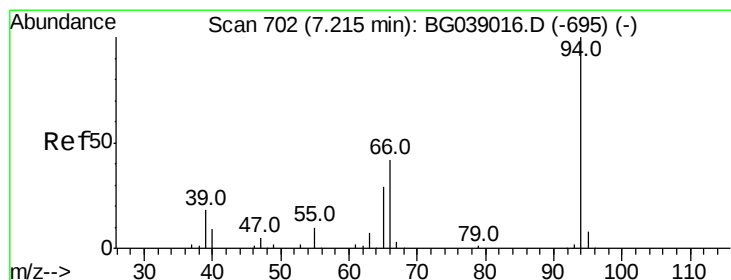
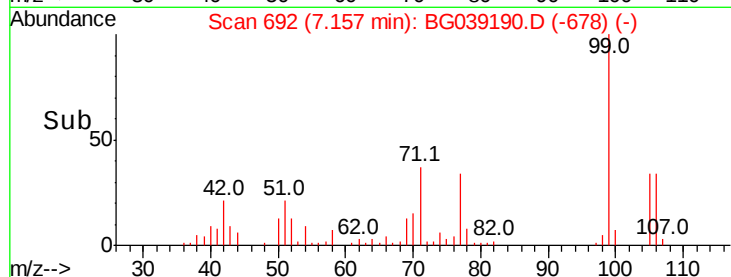
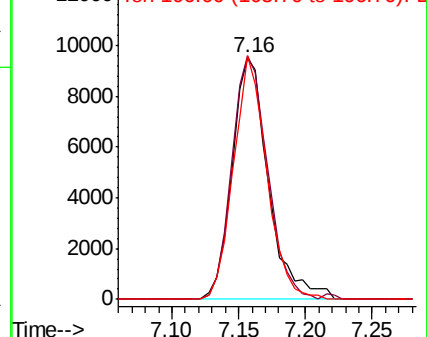
77 100

105 100.9 82.4 122.4

106 100.8 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.518 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

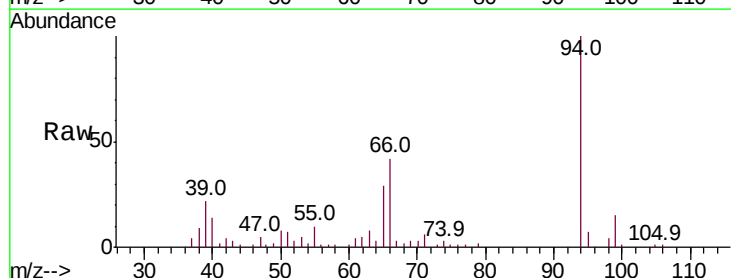
Tgt Ion: 94 Resp: 61118

Ion Ratio Lower Upper

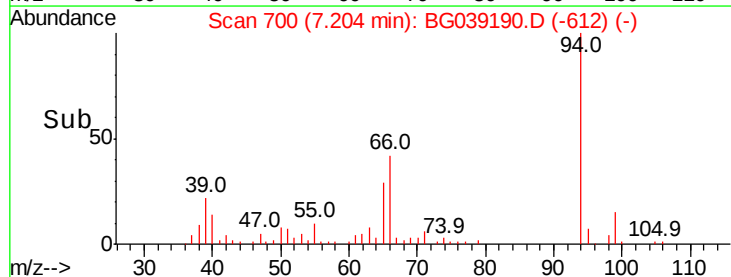
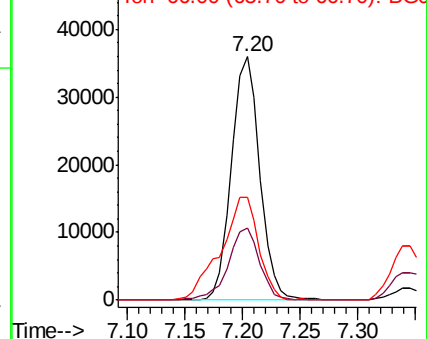
94 100

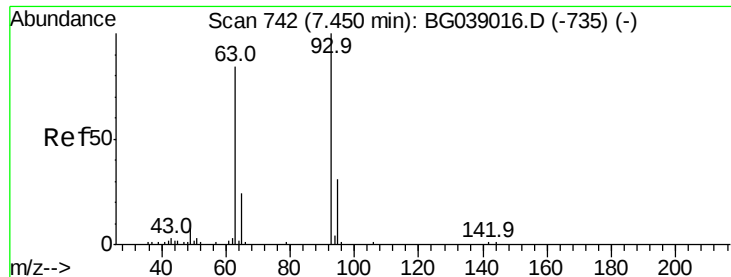
65 29.4 10.3 50.3

66 42.0 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: 30.692 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

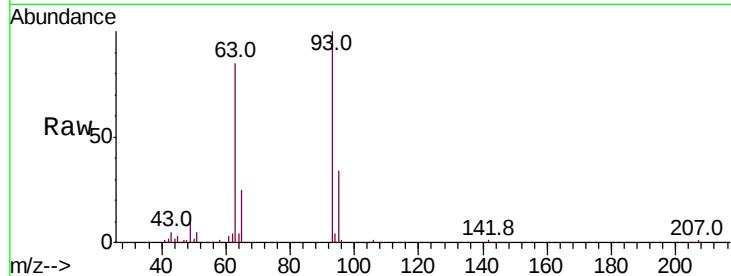
Tot Ion: 93 Resp: 36280

Ion Ratio Lower Upper

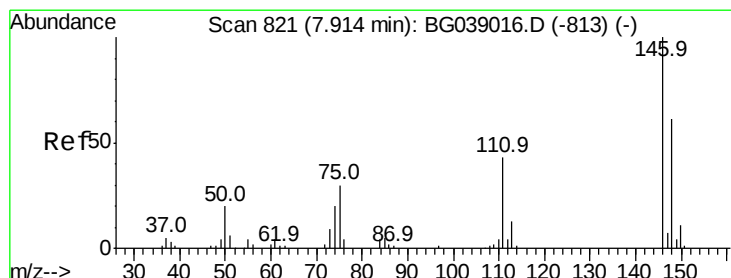
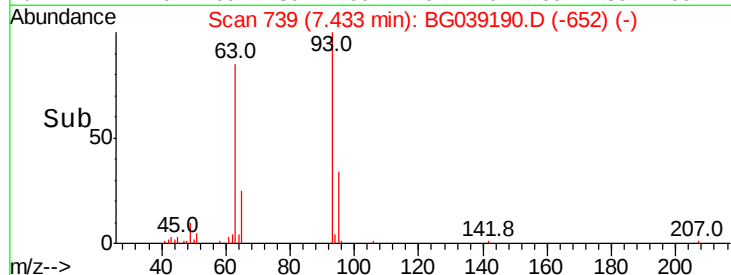
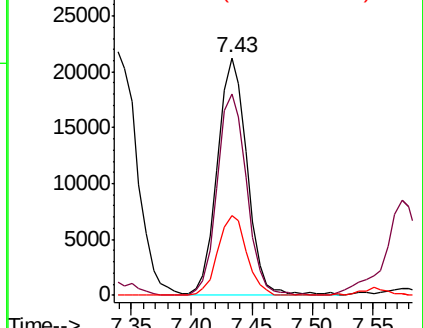
93 100

63 84.6 63.2 103.2

95 33.7 11.2 51.2



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



#12

1,3-Dichlorobenzene

Concen: 30.080 ng

RT: 7.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

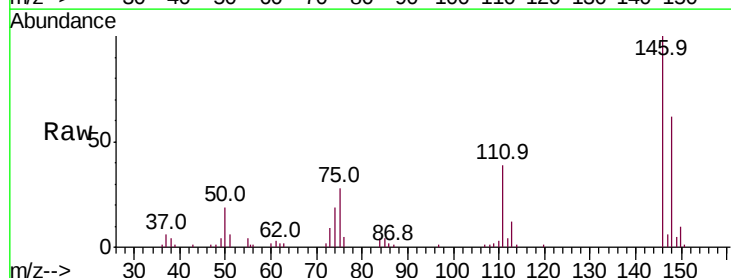
Tgt Ion: 146 Resp: 45538

Ion Ratio Lower Upper

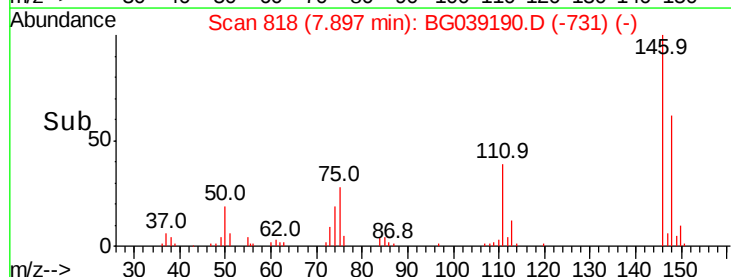
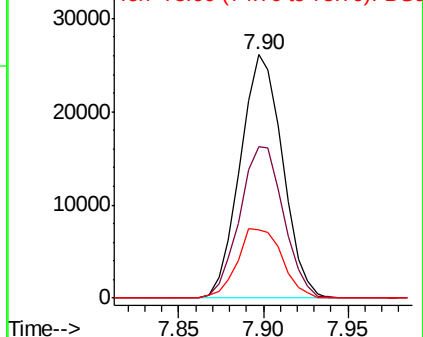
146 100

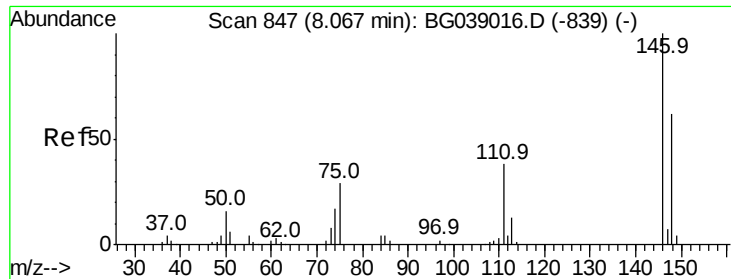
148 62.1 49.1 73.7

75 28.2 23.9 35.9



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

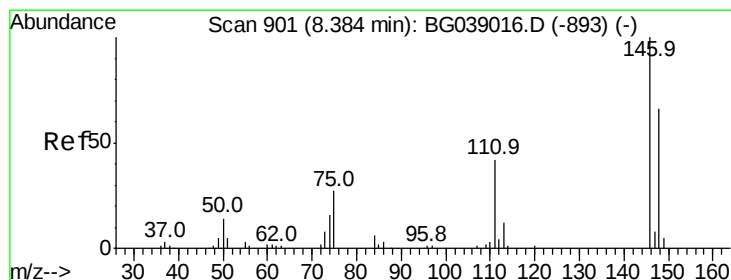
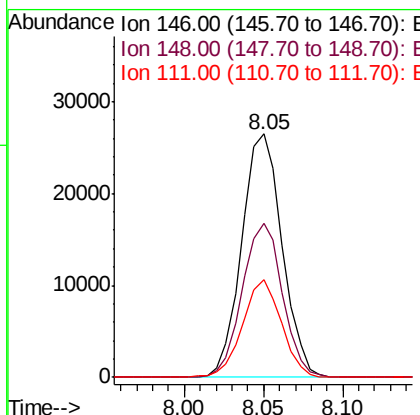
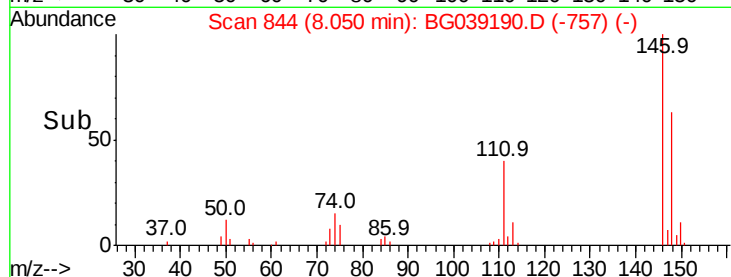
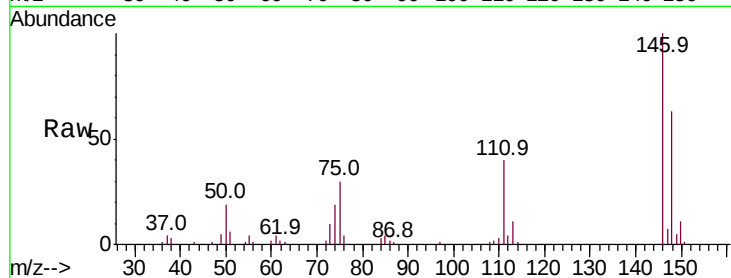




#13
 1,4-Dichlorobenzene
 Concen: 30.547 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

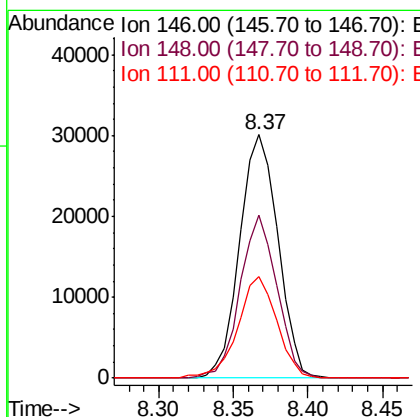
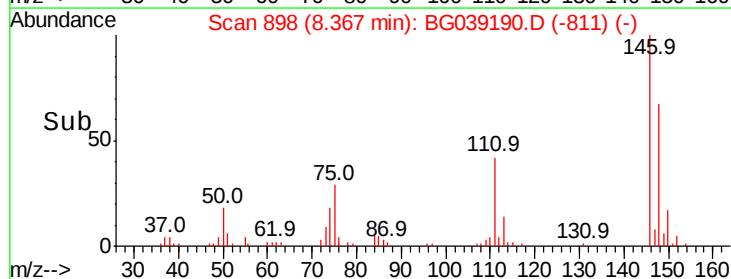
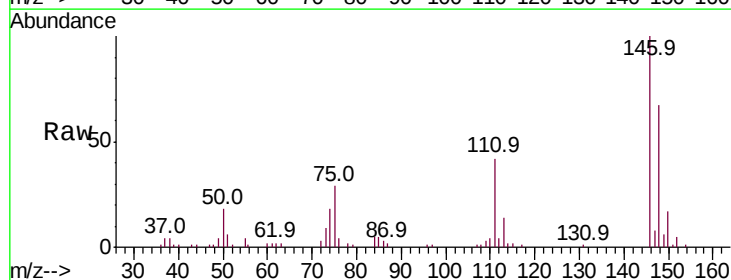
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

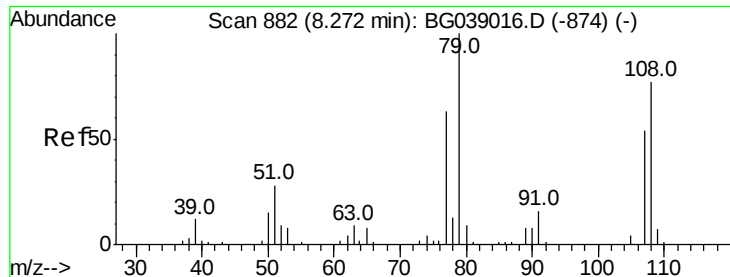
Tot Ion:146 Resp: 46836
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.8 74.6
 111 40.1 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 36.673 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:146 Resp: 53611
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.6 79.0
 111 41.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.562 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

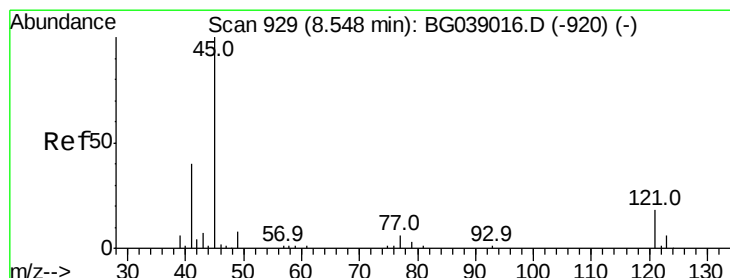
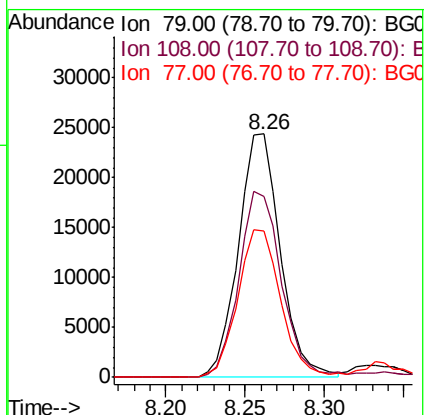
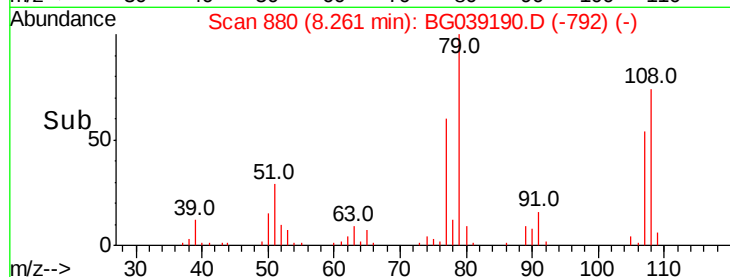
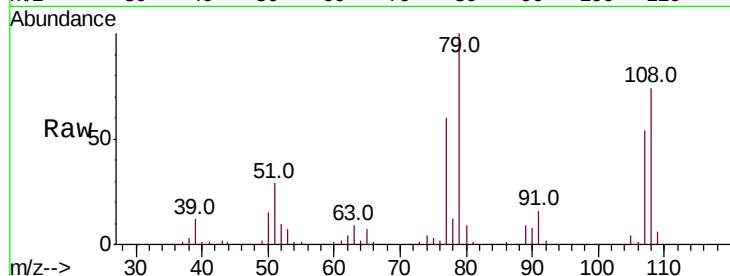
Tot Ion: 79 Resp: 44798

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

77 60.2 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.405 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

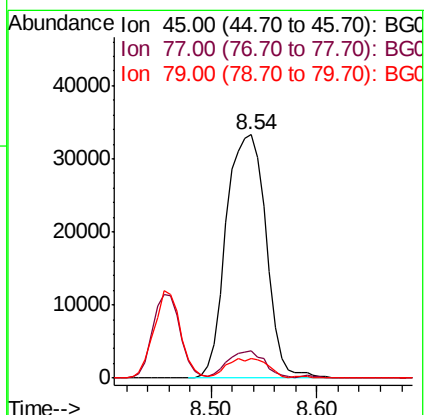
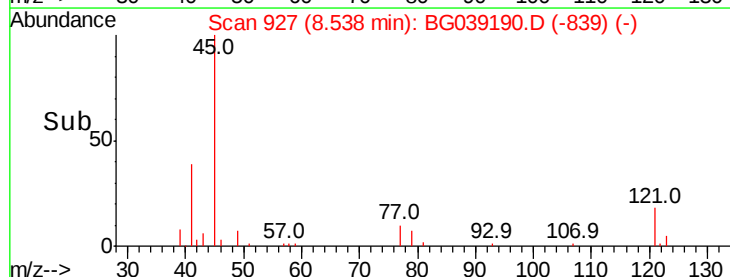
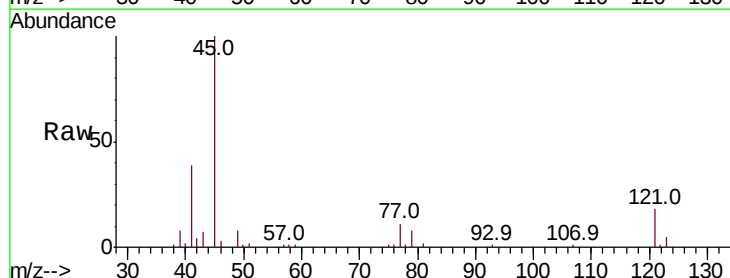
Tgt Ion: 45 Resp: 87050

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

79 8.1 0.0 28.5

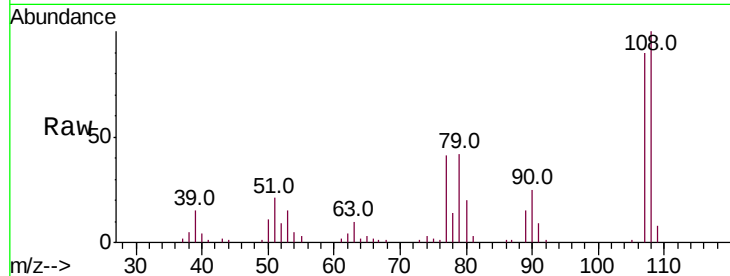




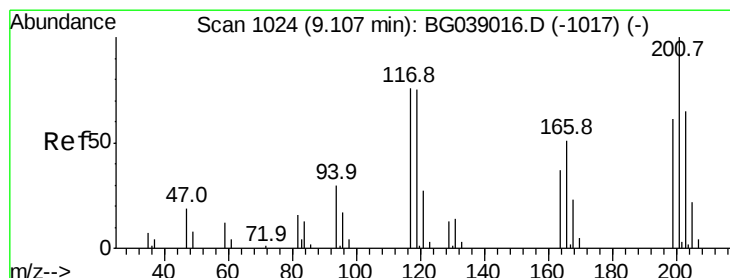
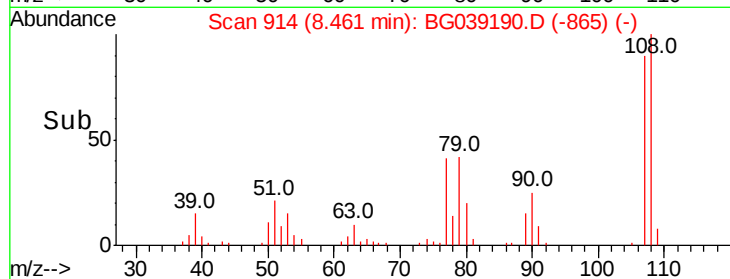
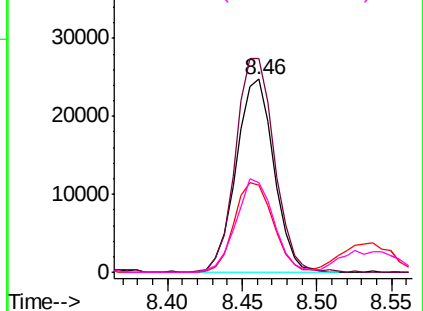
#17
2-Methylphenol
Concen: 40.680 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:107 Resp: 43687
Ion Ratio Lower Upper
107 100
108 110.5 90.3 135.5
77 45.3 38.3 57.5
79 46.4 35.8 53.6

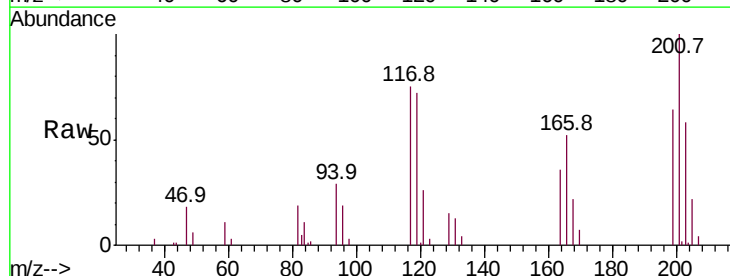


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

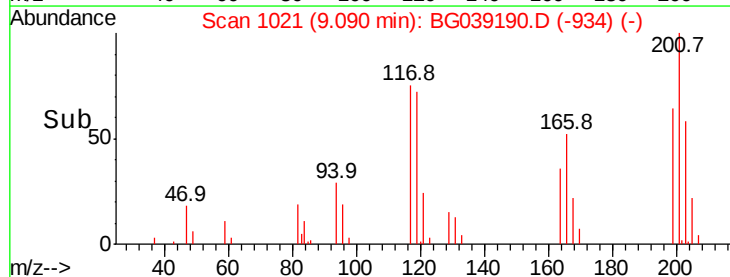
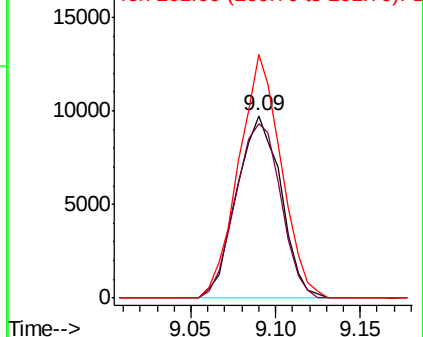


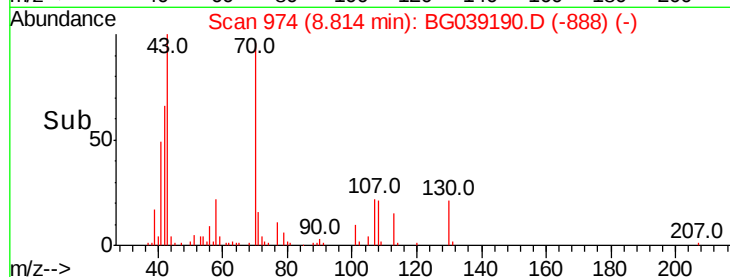
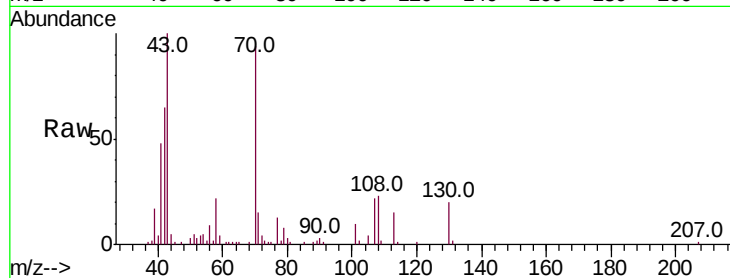
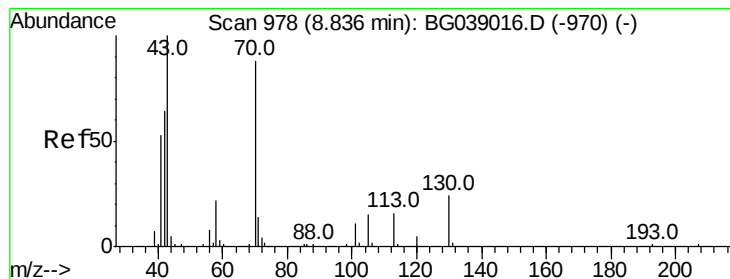
#18
Hexachloroethane
Concen: 34.019 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:117 Resp: 17720
Ion Ratio Lower Upper
117 100
119 95.9 78.7 118.1
201 133.6 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.013 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

Tot Ion: 70 Resp: 36481

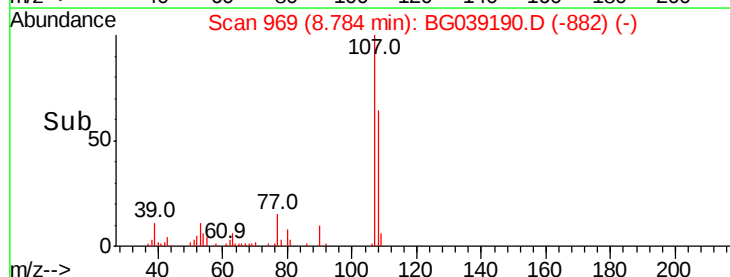
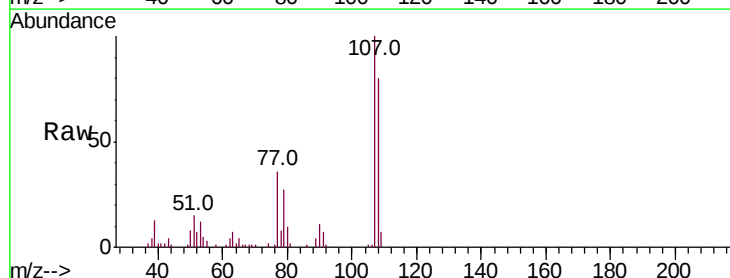
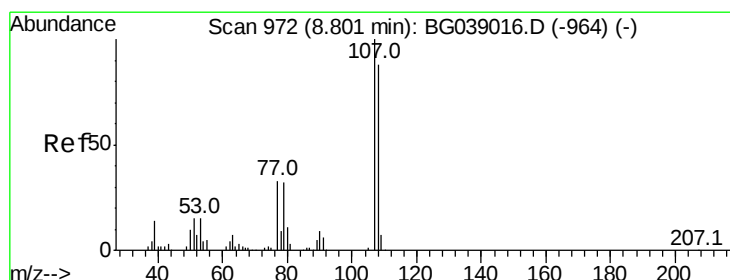
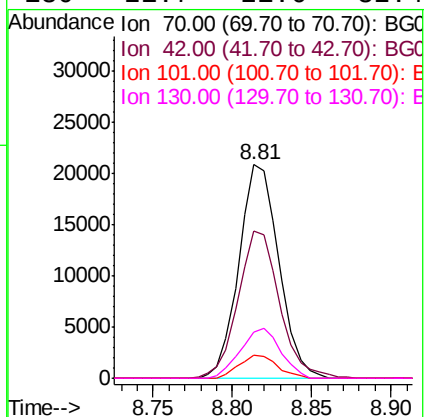
Ion Ratio Lower Upper

70 100

42 68.7 59.0 88.4

101 11.0 10.4 15.6

130 21.7 21.6 32.4



#20

3+4-Methylphenols

Concen: 40.091 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion: 107 Resp: 61385

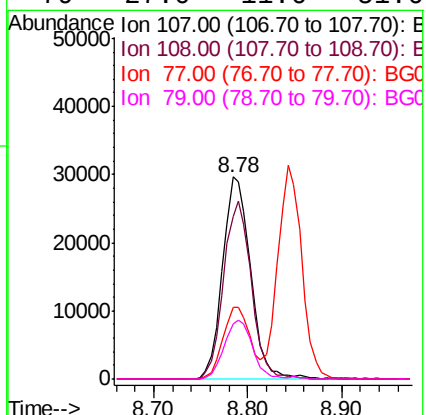
Ion Ratio Lower Upper

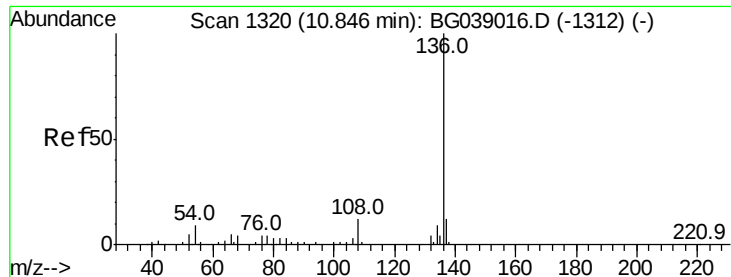
107 100

108 80.3 68.4 108.4

77 35.8 13.3 53.3

79 27.0 11.6 51.6

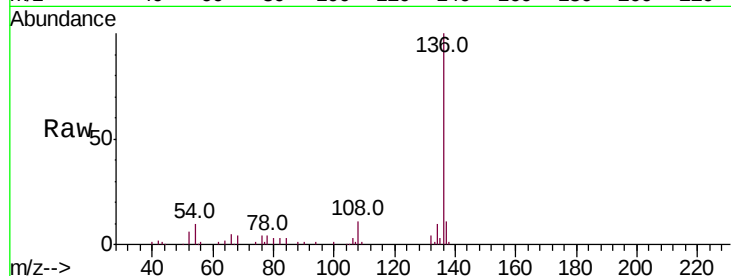




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:136	Resp:	78129
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.4	14.2
54 9.7	7.2	10.8
68 4.0	3.5	5.3



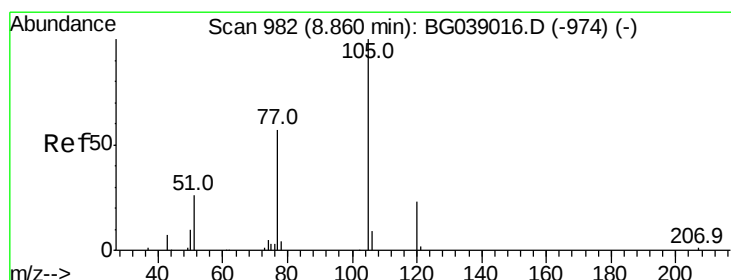
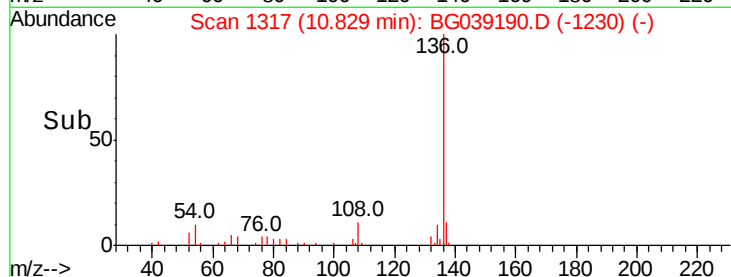
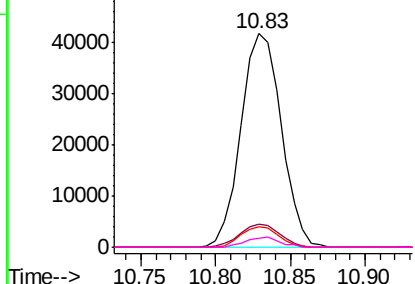
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

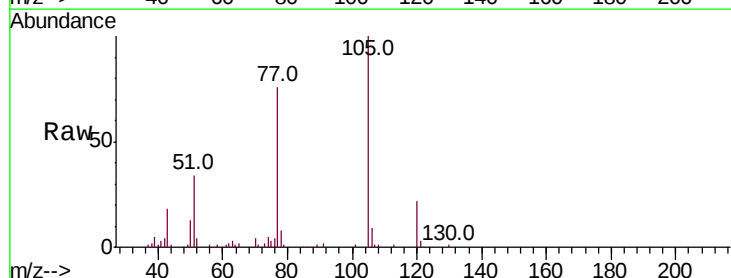
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.243 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt	Ion:105	Resp:	73948
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	1.0
51	33.9	26.6	39.8
120	21.7	17.9	26.9



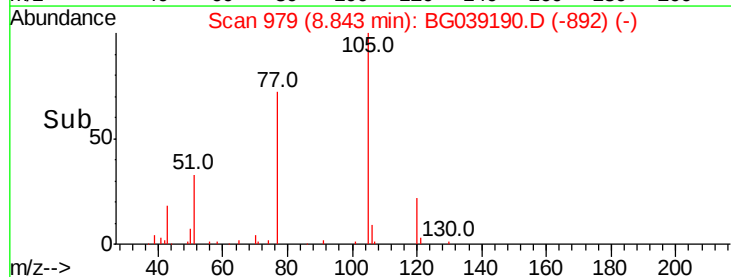
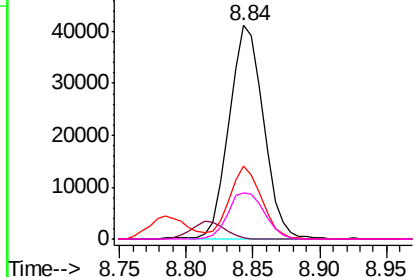
Abundance

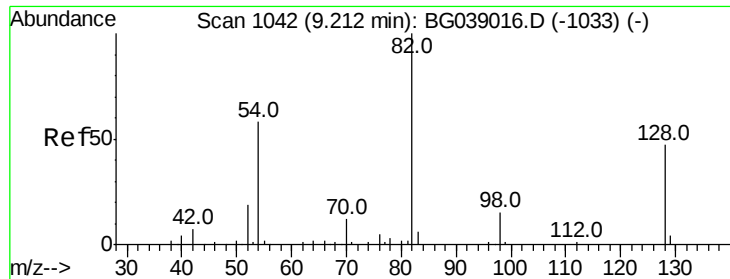
Ion 105.00 (104.70 to 105.70): E

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

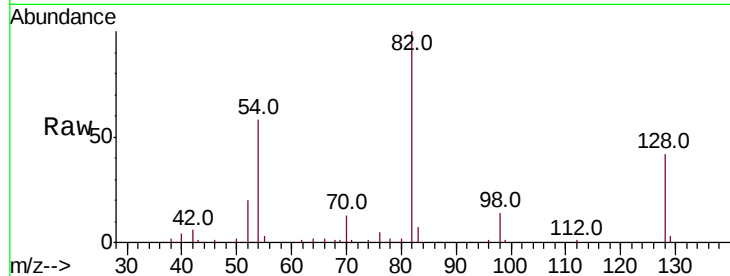




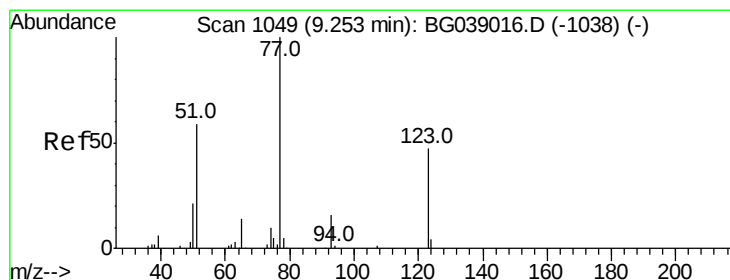
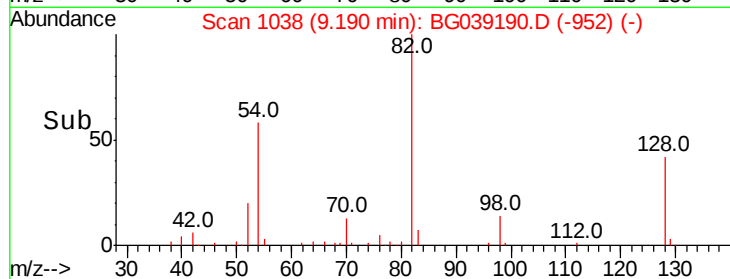
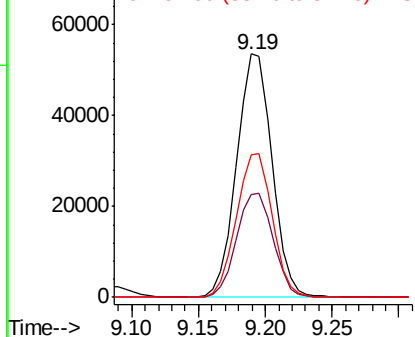
#23
Nitrobenzene-d5
Concen: 68.935 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion: 82 Resp: 98426
Ion Ratio Lower Upper
82 100
128 42.5 37.3 55.9
54 58.5 46.4 69.6

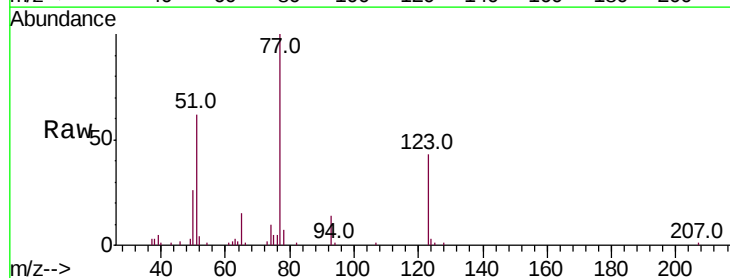


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

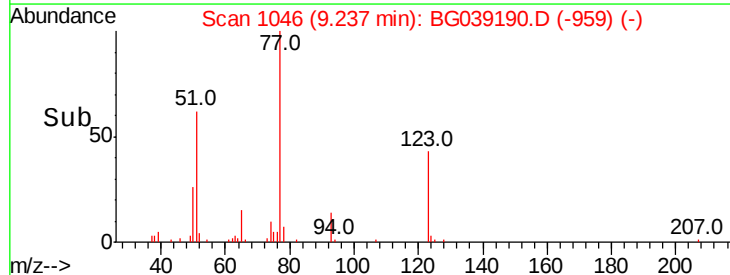
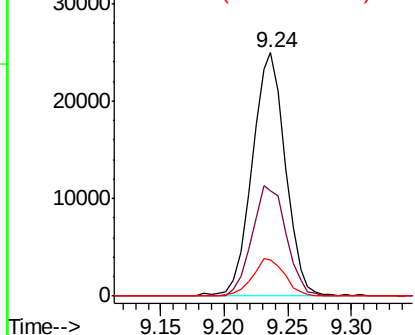


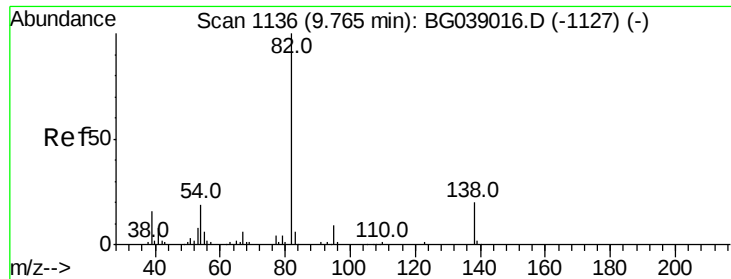
#24
Nitrobenzene
Concen: 31.487 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion: 77 Resp: 45442
Ion Ratio Lower Upper
77 100
123 43.1 37.6 56.4
65 15.0 11.0 16.6



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





#25

Isophorone

Concen: 34.275 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

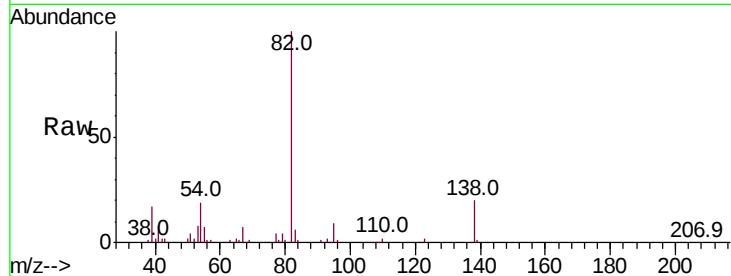
Tot Ion: 82 Resp: 84298

Ion Ratio Lower Upper

82 100

95 8.8 7.0 10.6

138 20.3 16.2 24.4

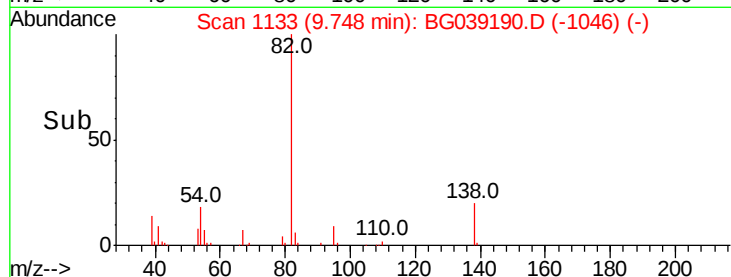


Abundance Ion 82.00 (81.70 to 82.70): BG039190.D (-1127) (-)

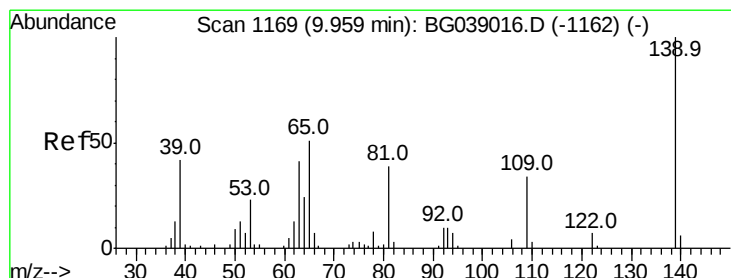
Ion 95.00 (94.70 to 95.70): BG039190.D (-1127) (-)

Ion 138.00 (137.70 to 138.70): BG039190.D (-1127) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 31.593 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

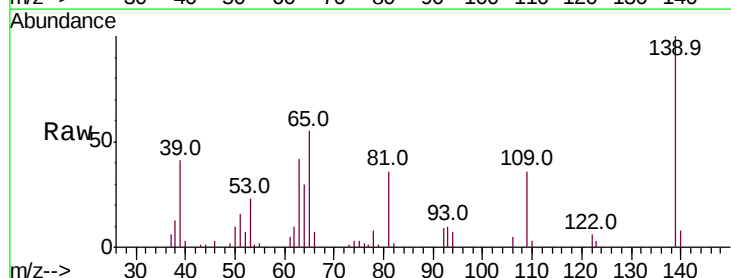
Tgt Ion: 139 Resp: 24662

Ion Ratio Lower Upper

139 100

109 36.2 27.3 40.9

65 54.6 40.6 61.0

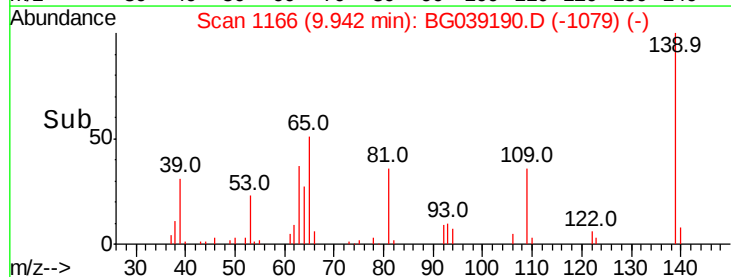


Abundance Ion 139.00 (138.70 to 139.70): BG039190.D (-1162) (-)

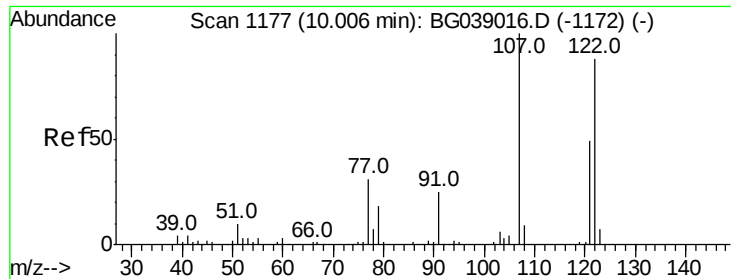
Ion 109.00 (108.70 to 109.70): BG039190.D (-1162) (-)

Ion 65.00 (64.70 to 65.70): BG039190.D (-1162) (-)

Time-->



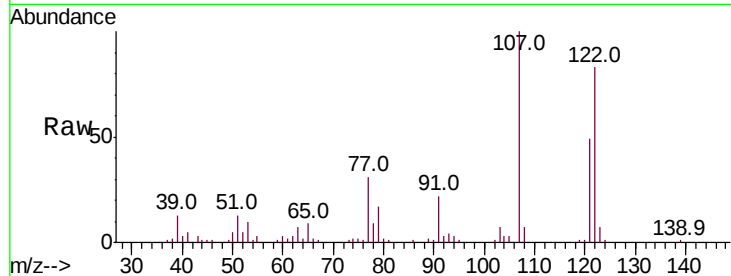
Time-->



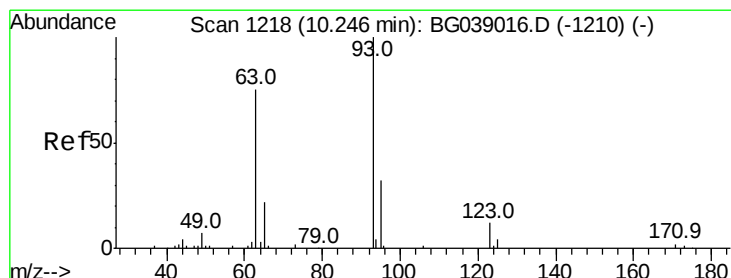
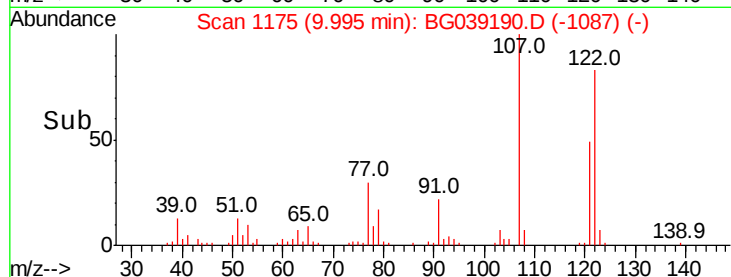
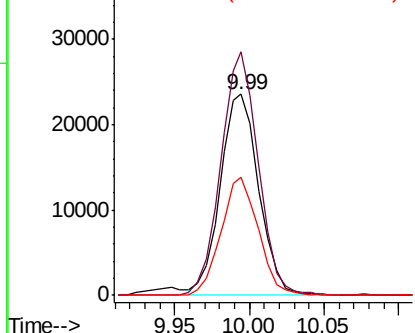
#27
 2,4-Dimethylphenol
 Concen: 38.645 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:122 Resp: 42441
 Ion Ratio Lower Upper
 122 100
 107 121.0 88.8 133.2
 121 59.0 43.1 64.7

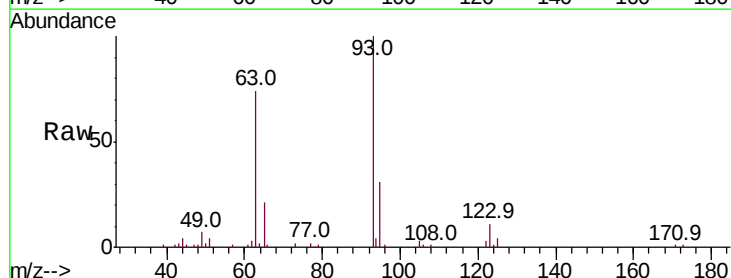


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

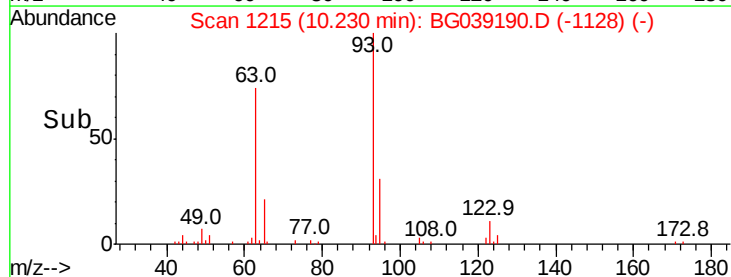
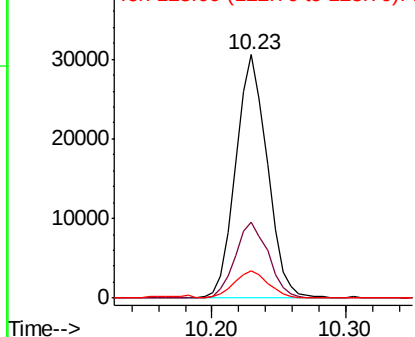


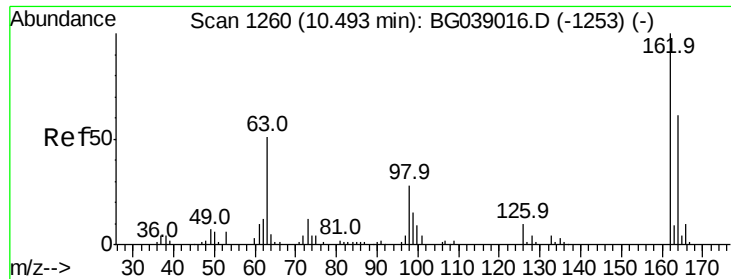
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.881 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion: 93 Resp: 50081
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.6 38.4
 123 11.3 10.1 15.1



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

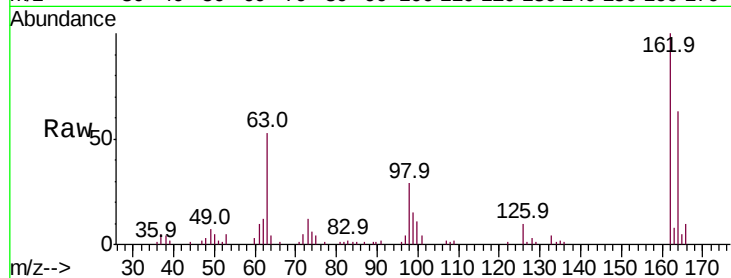




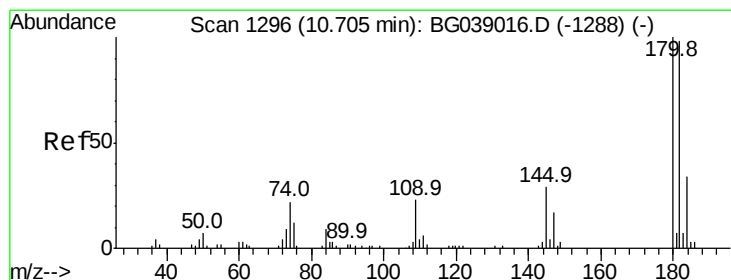
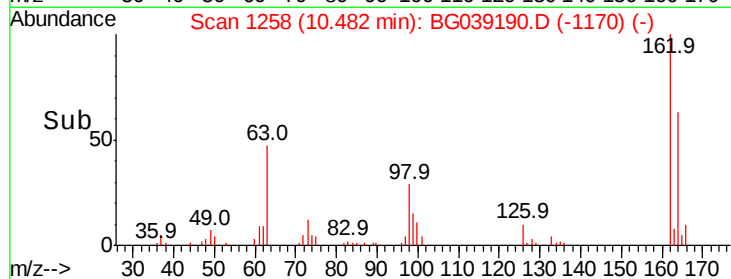
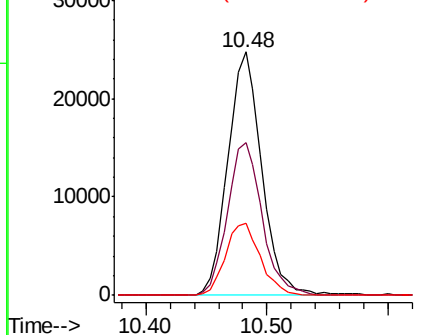
#29
 2,4-Dichlorophenol
 Concen: 35.342 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:162 Resp: 48219
 Ion Ratio Lower Upper
 162 100
 164 63.0 41.3 81.3
 98 29.4 8.3 48.3

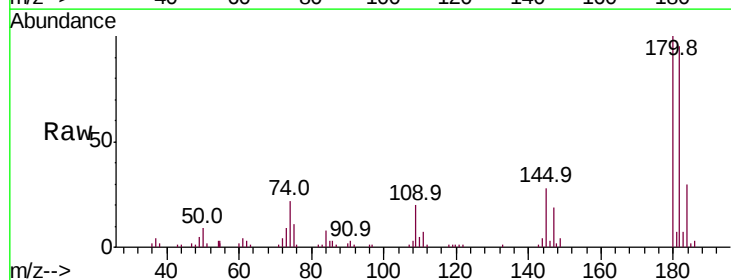


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

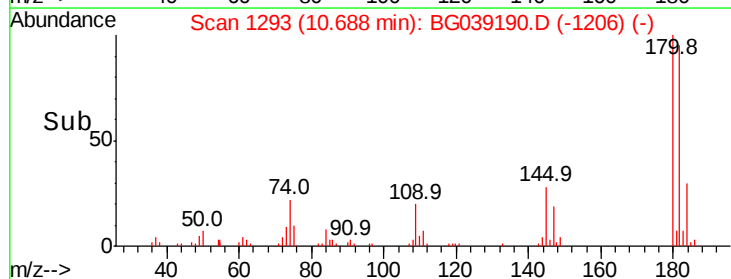
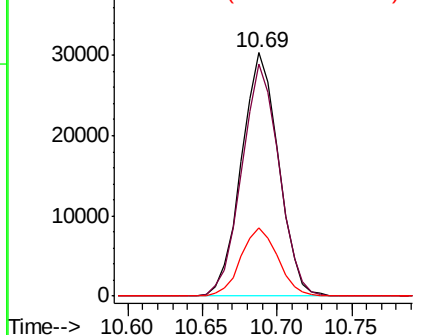


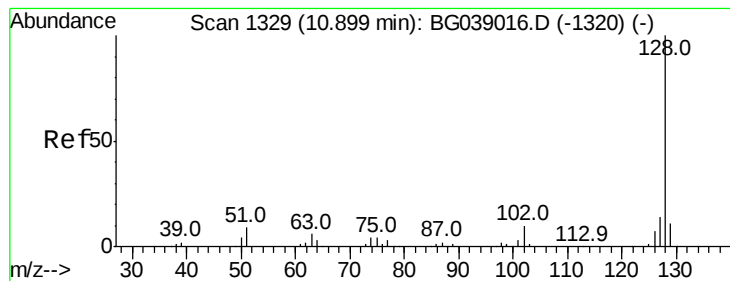
#30
 1,2,4-Trichlorobenzene
 Concen: 31.891 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:180 Resp: 52279
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.1 117.1
 145 28.1 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: 34.050 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

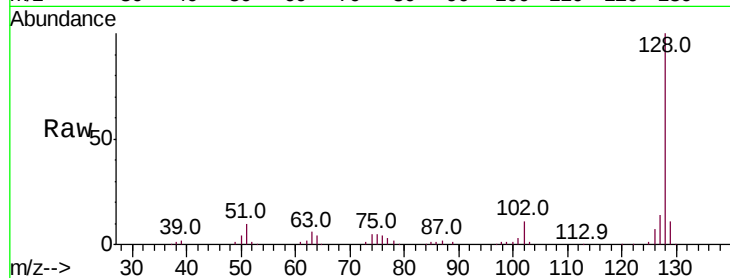
Tot Ion:128 Resp: 133426

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

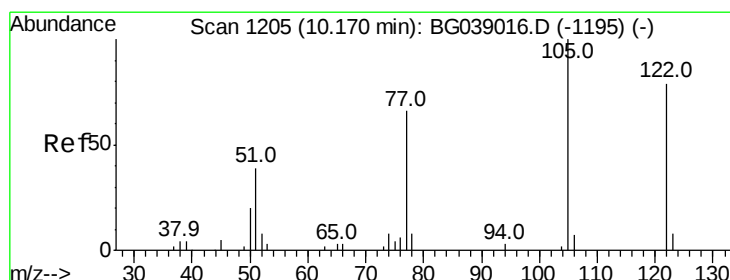
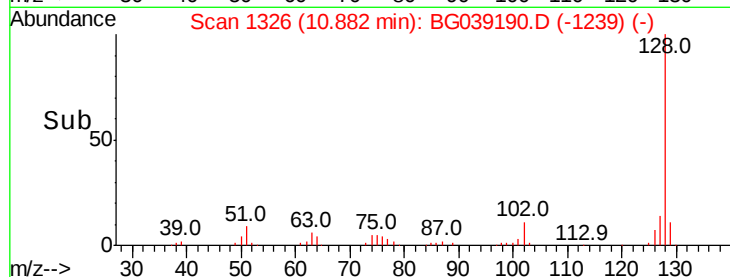
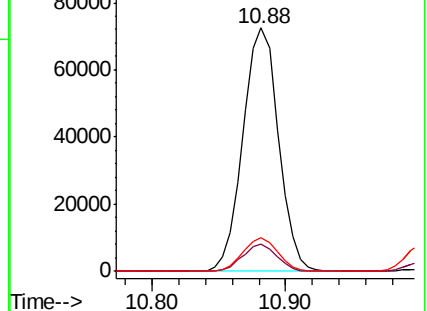
127 13.7 11.2 16.8



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: 17.315 ng

RT: 10.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

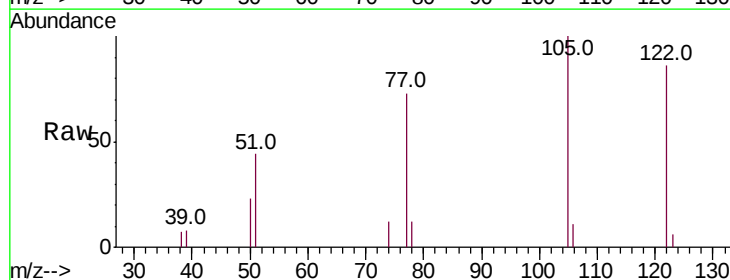
Tgt Ion:122 Resp: 6616

Ion Ratio Lower Upper

122 100

105 116.5 106.4 146.4

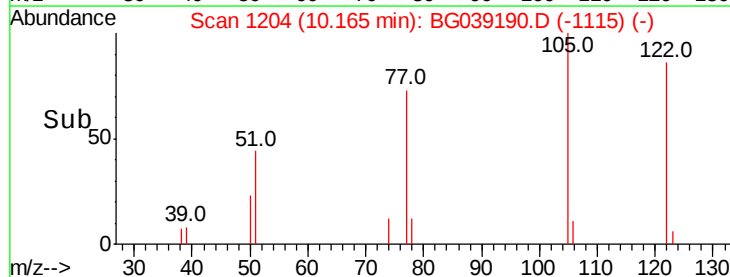
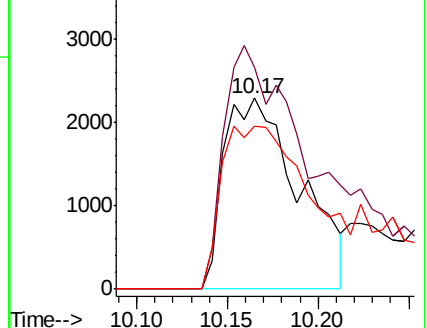
77 85.6 63.6 103.6

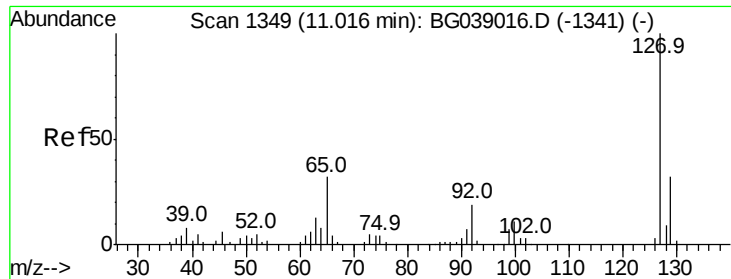


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

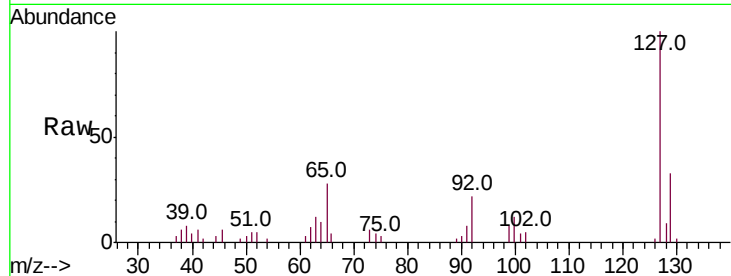




#33
4-Chloroaniline
Concen: 10.944 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	28.0	25.4	38.0
92	21.9	15.2	22.8



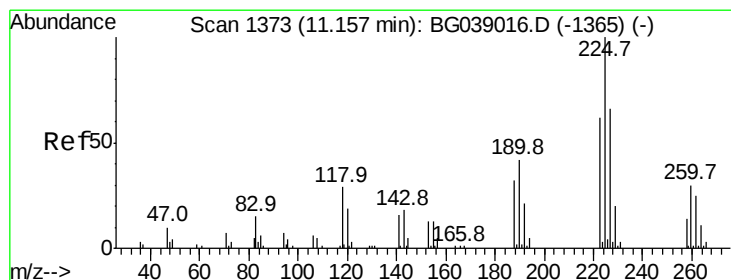
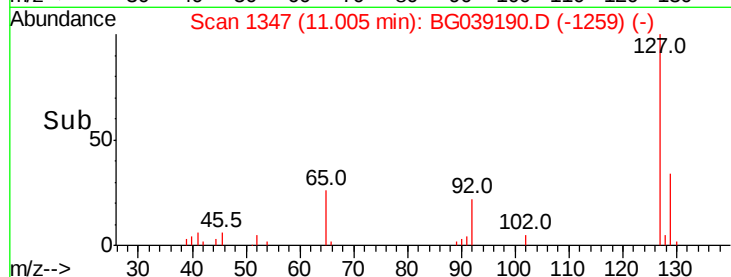
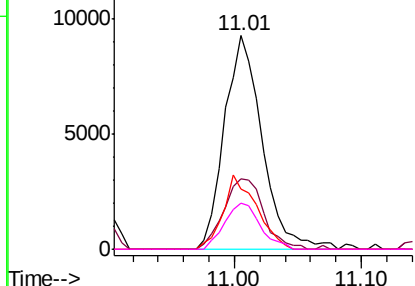
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

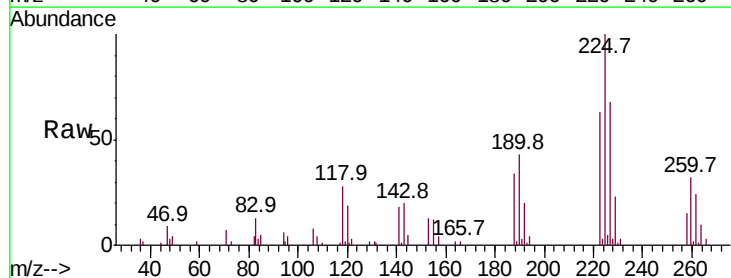
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 31.908 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	68.1	53.2	79.8

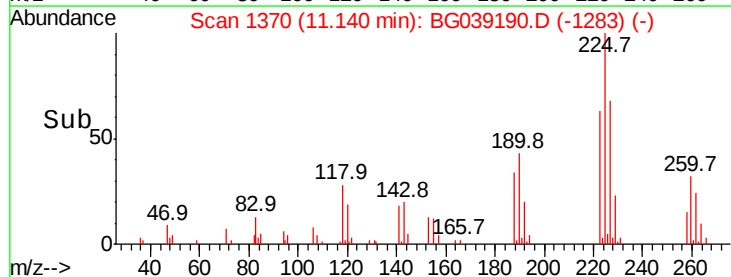
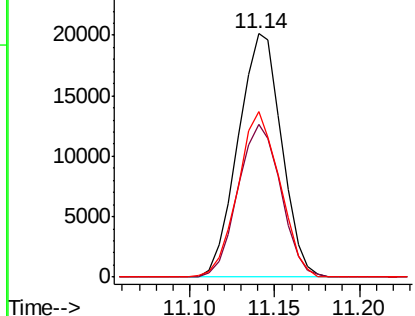


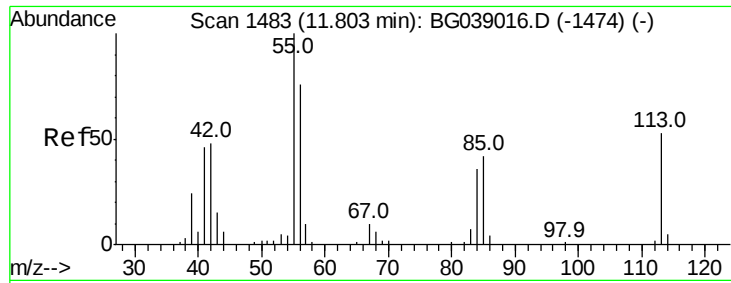
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.189 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.03 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

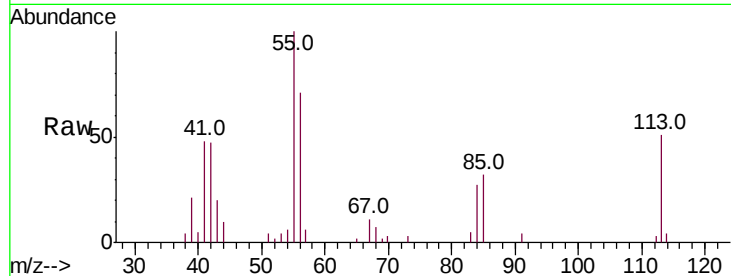
Tot Ion:113 Resp: 8310

Ion Ratio Lower Upper

113 100

55 197.6 168.6 208.6

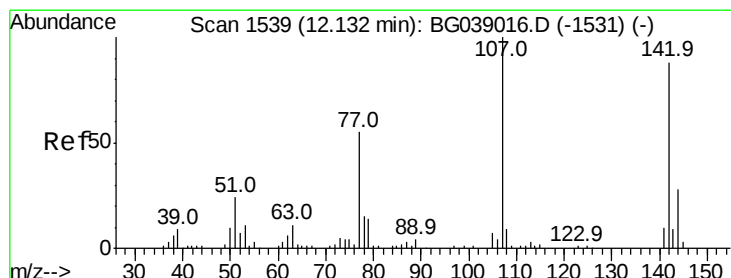
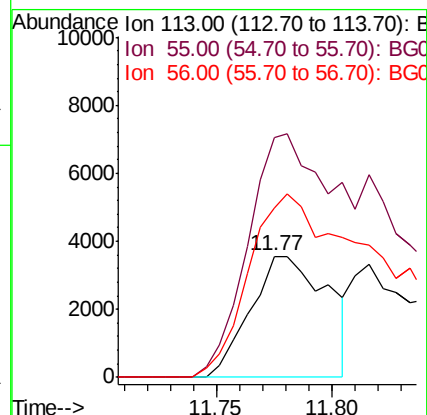
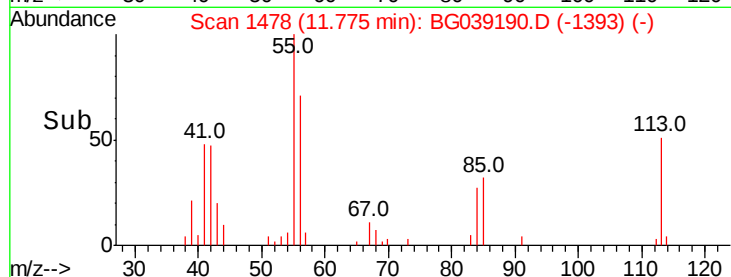
56 139.5 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 36.189 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

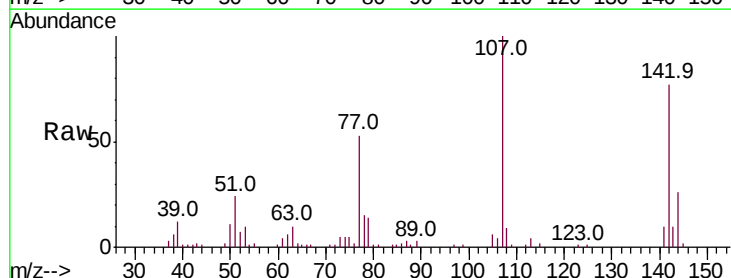
Tgt Ion:107 Resp: 52809

Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

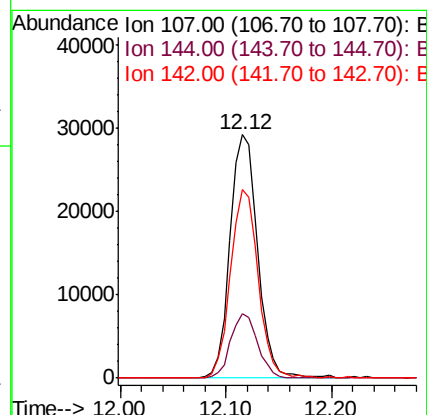
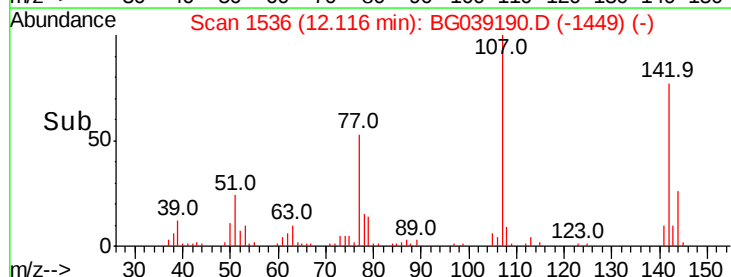
142 77.4 70.2 105.4

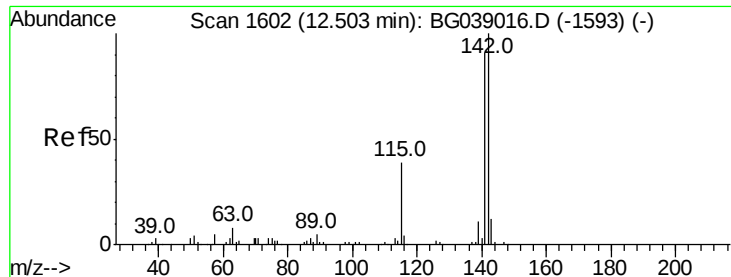


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

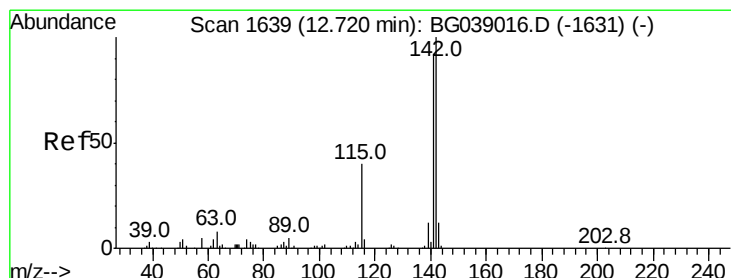
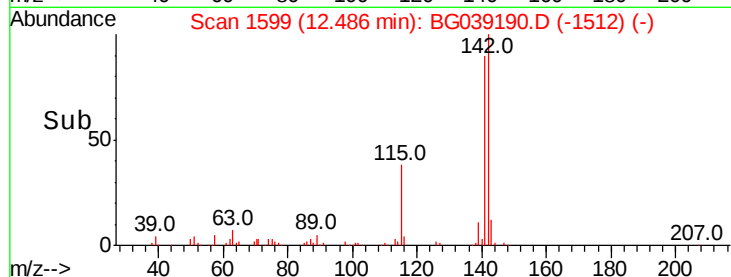
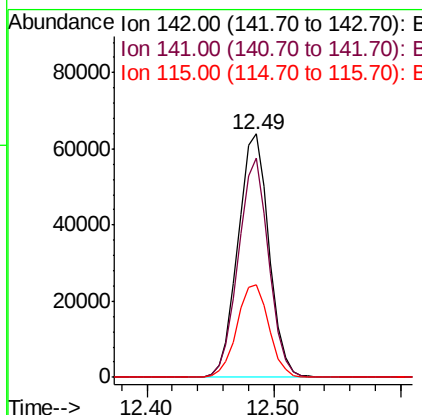
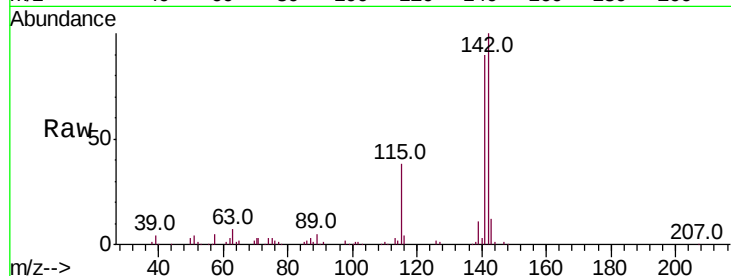




#37
2-Methylnaphthalene
Concen: 36.791 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

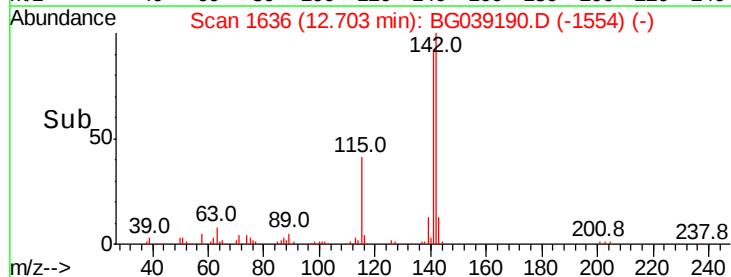
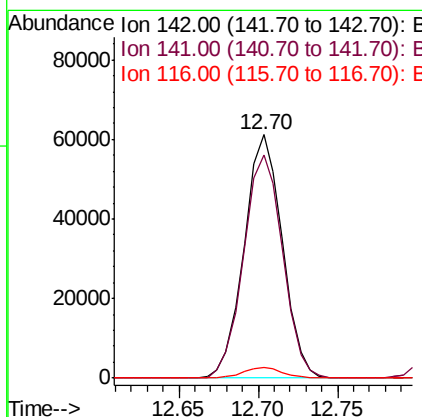
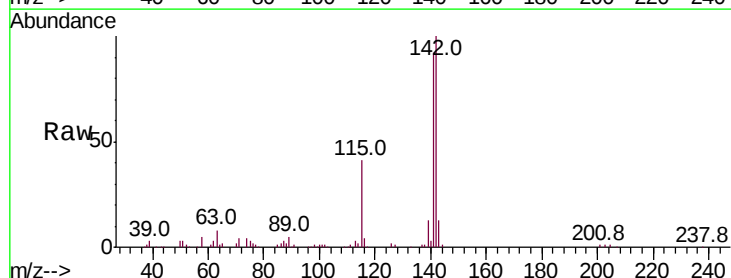
Instrument :
BNA_G
ClientSampleId :
PB116427BS

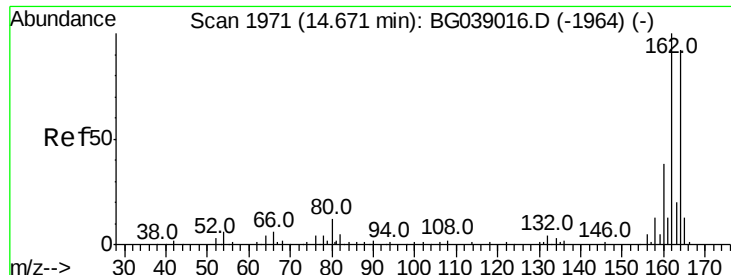
Tot Ion:142 Resp: 108086
Ion Ratio Lower Upper
142 100
141 90.1 72.6 109.0
115 38.0 31.1 46.7



#38
1-Methylnaphthalene
Concen: 36.249 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:142 Resp: 102219
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9
116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

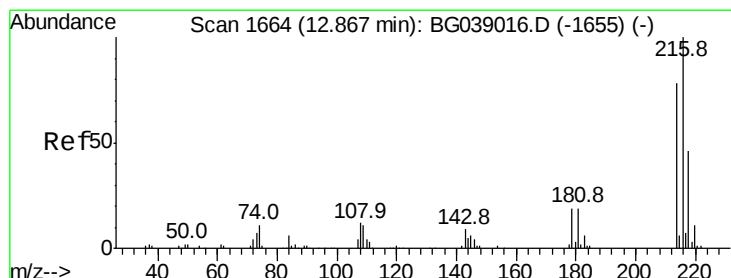
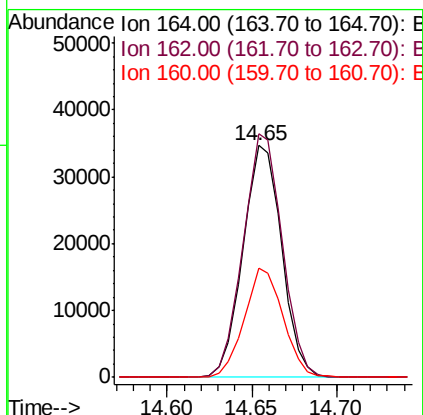
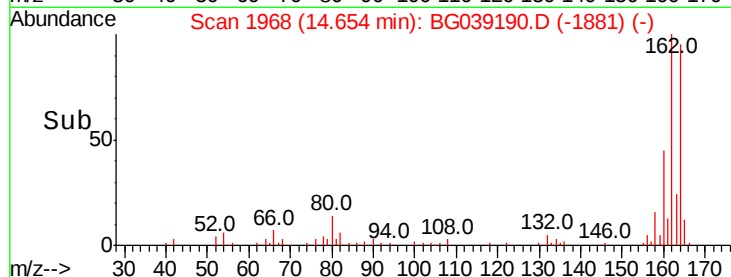
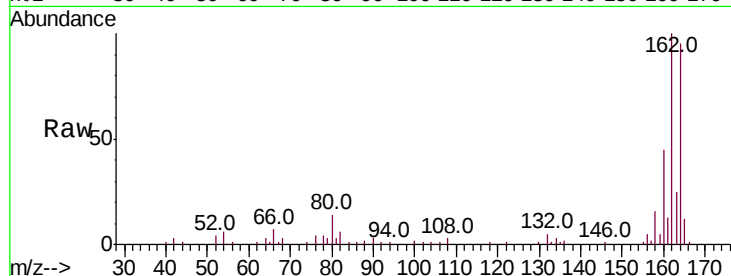
BNA_G

ClientSampleId :

PB116427BS

Tot Ion:164 Resp: 55290

Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.2	130.8
160	47.3	33.3	49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.088 ng

RT: 12.85 min Scan# 1661

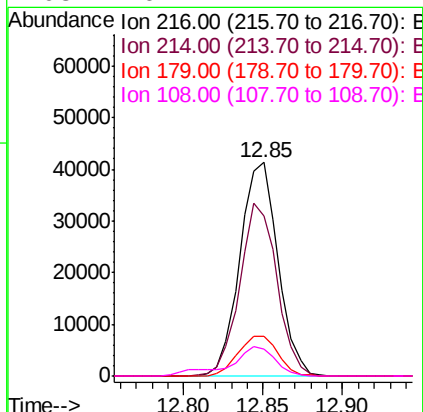
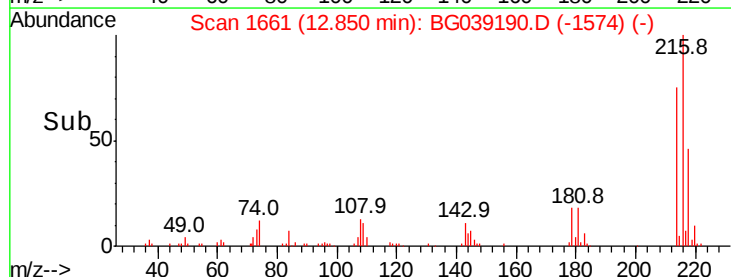
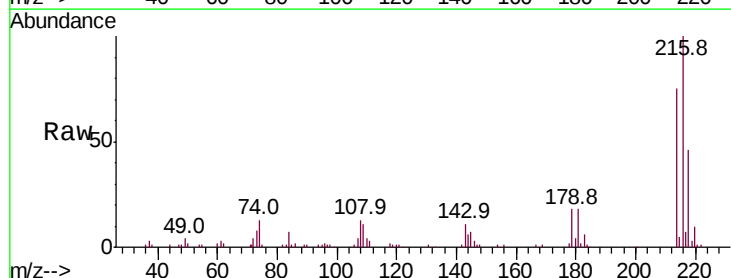
Delta R.T. -0.02 min

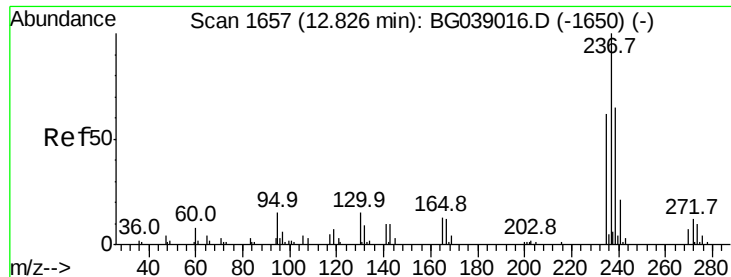
Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:216 Resp: 68705

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	19.5	15.5	23.3
108	16.1	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 66.707 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

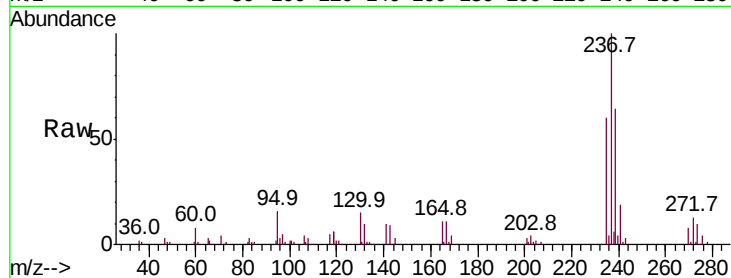
Tot Ion:237 Resp: 76812

Ion Ratio Lower Upper

237 100

235 60.5 41.7 81.7

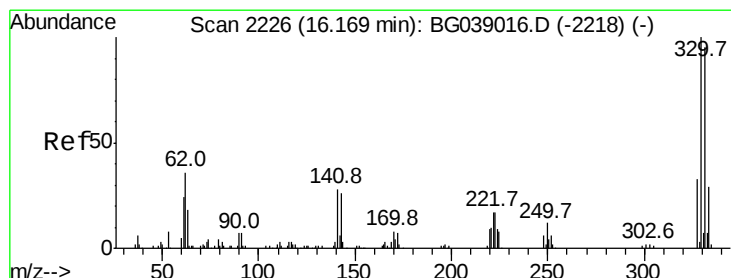
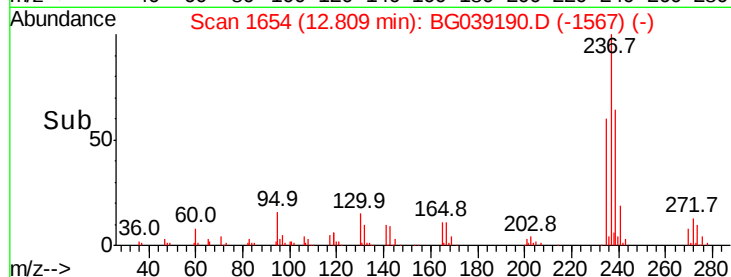
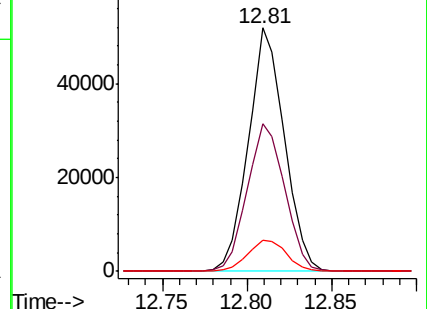
272 12.5 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.476 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

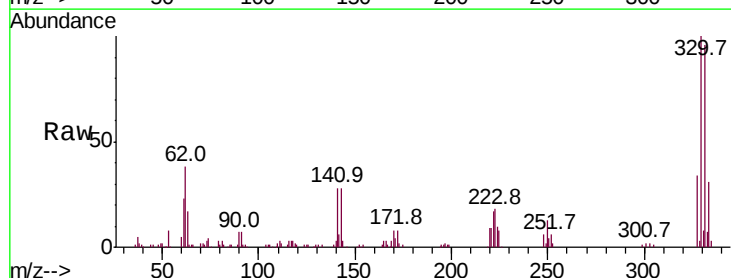
Tgt Ion:330 Resp: 94976

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

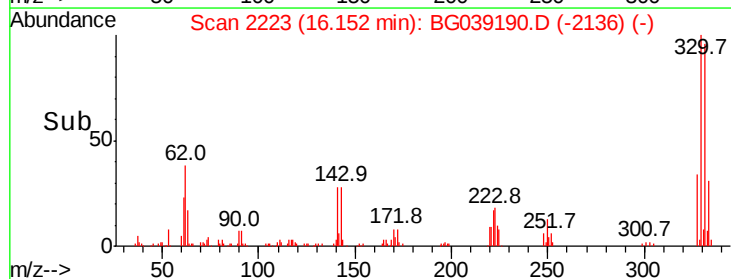
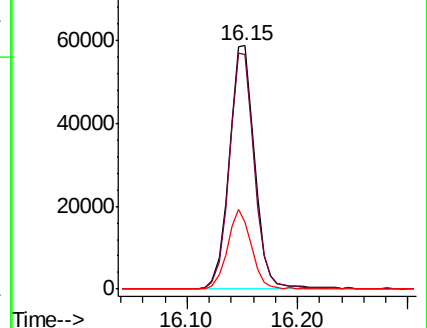
141 30.6 24.9 37.3

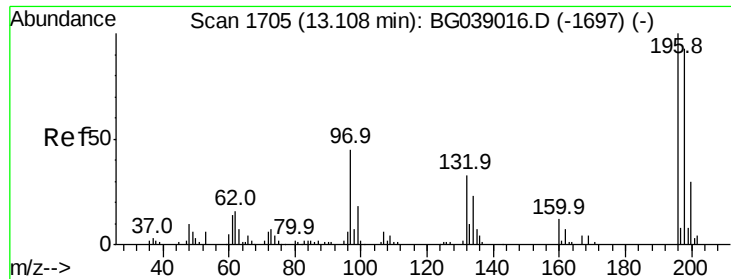


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

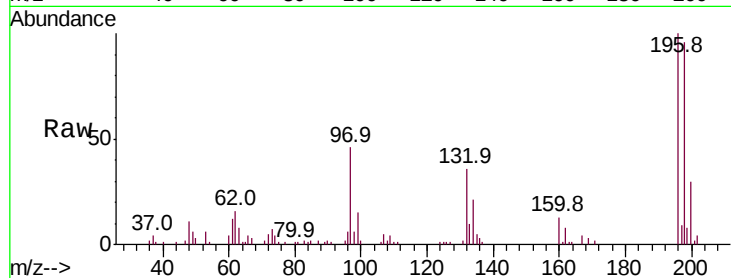




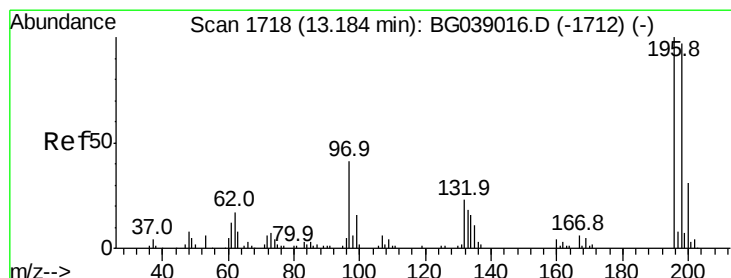
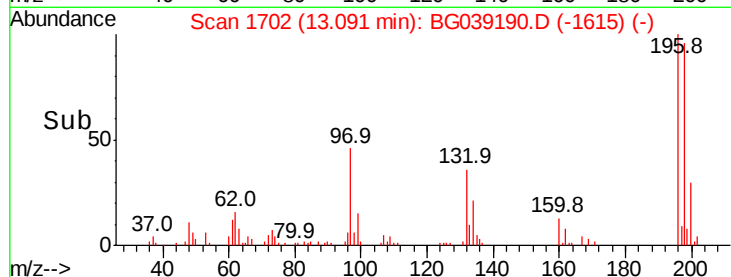
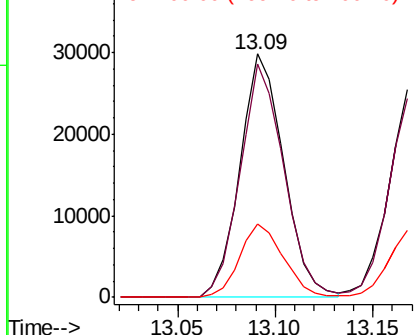
#43
 2,4,6-Trichlorophenol
 Concen: 35.468 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:196 Resp: 46352
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.5 111.7
 200 29.9 23.8 35.6

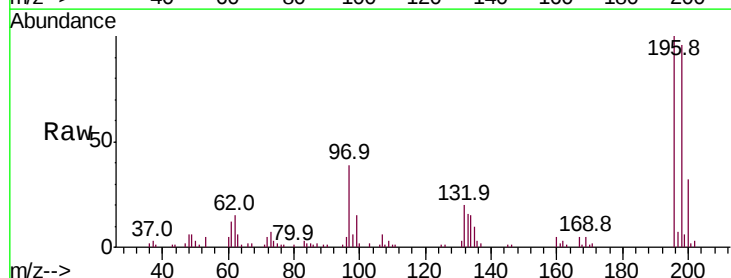


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

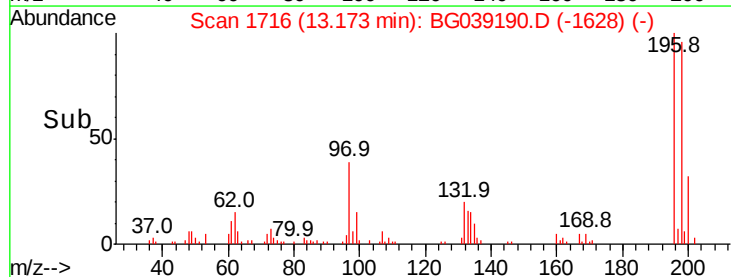
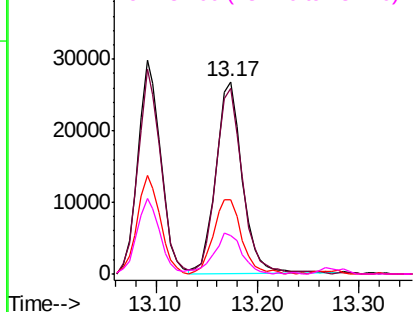


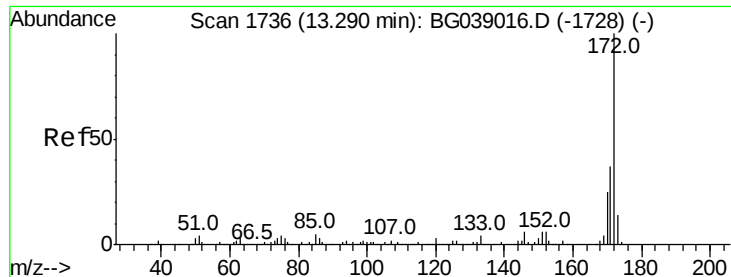
#44
 2,4,5-Trichlorophenol
 Concen: 34.952 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:196 Resp: 48278
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.1 117.1
 97 38.6 33.2 49.8
 132 20.3 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

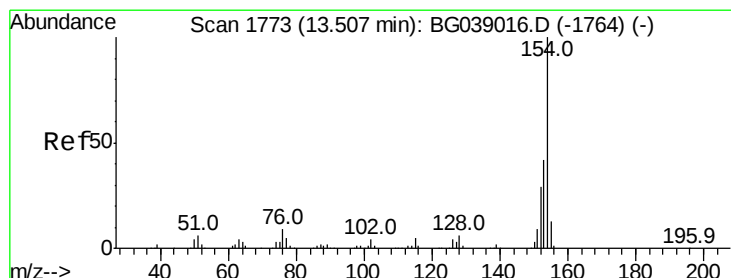
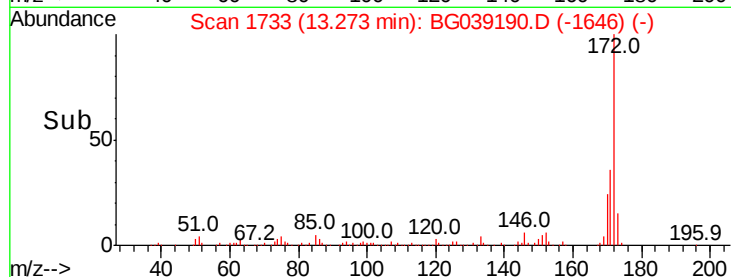
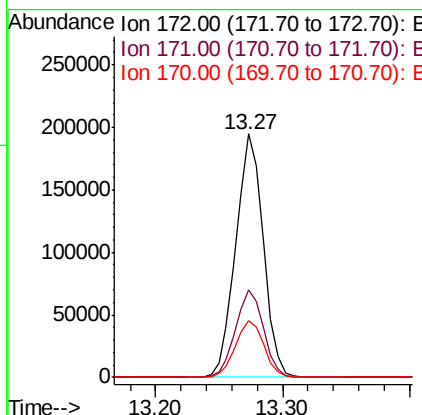
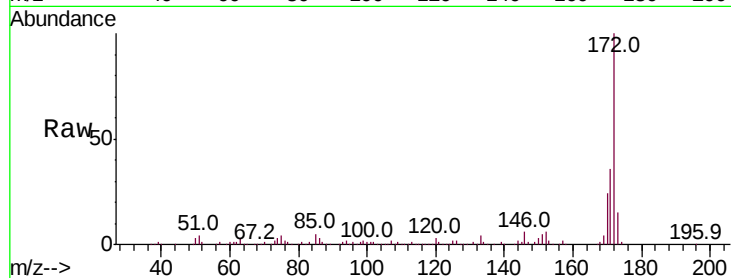




#45
2-Fluorobiphenyl
Concen: 72.048 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

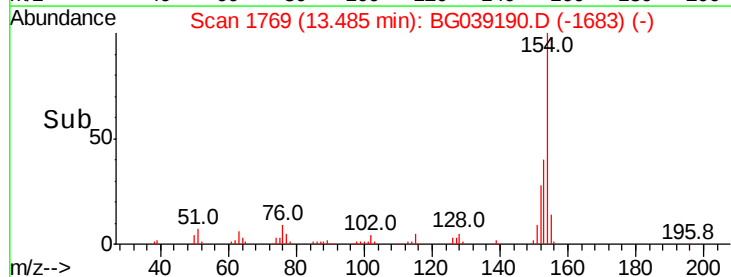
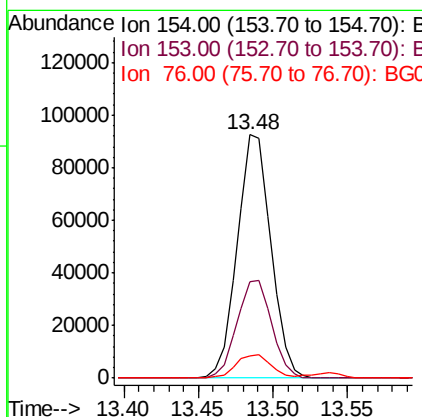
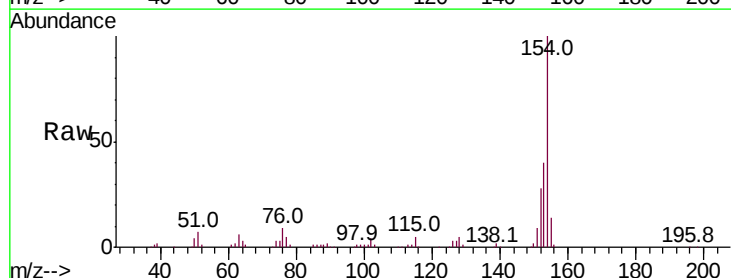
Instrument :
BNA_G
ClientSampleId :
PB116427BS

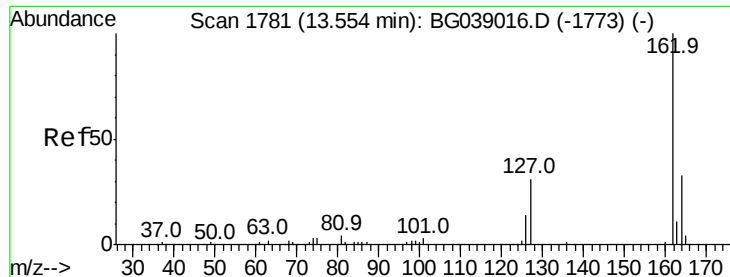
Tot Ion:172 Resp: 291072
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.5 20.1 30.1



#46
1,1'-Biphenyl
Concen: 33.058 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:154 Resp: 144830
Ion Ratio Lower Upper
154 100
153 39.7 22.4 62.4
76 9.4 0.0 29.4

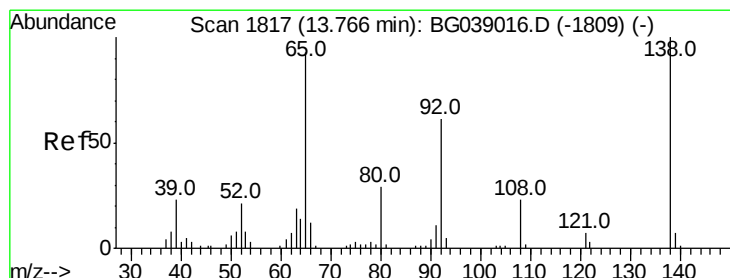
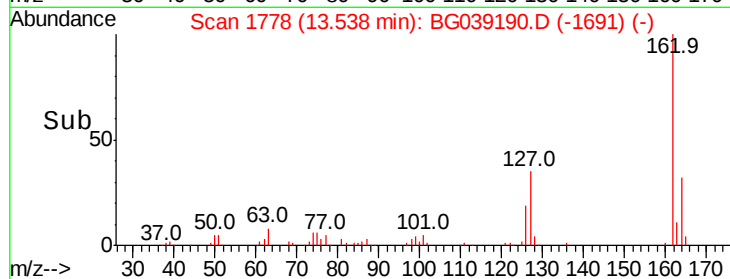
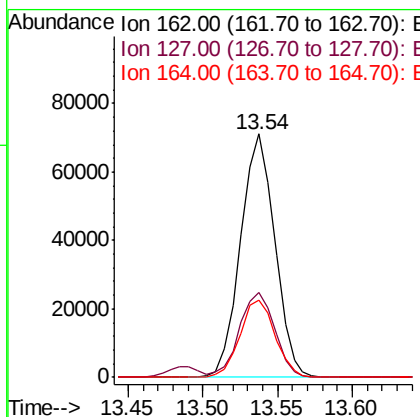
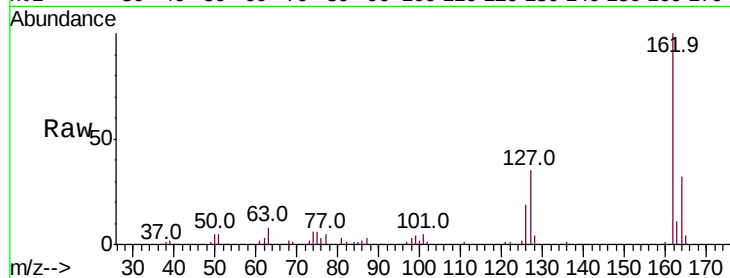




#47
 2-Chloronaphthalene
 Concen: 31.926 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

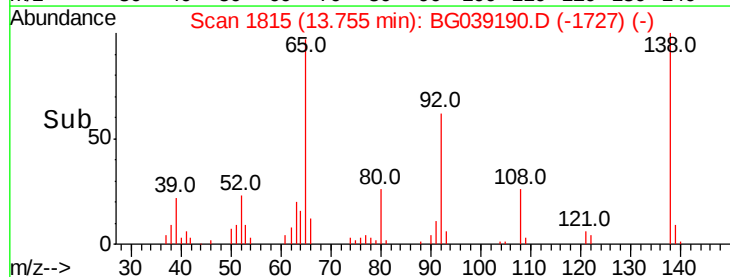
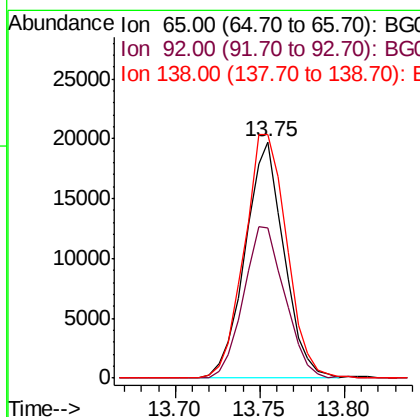
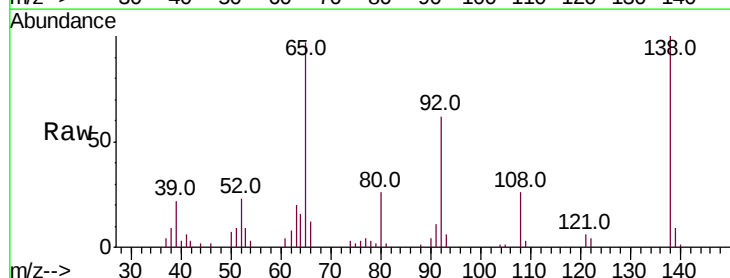
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

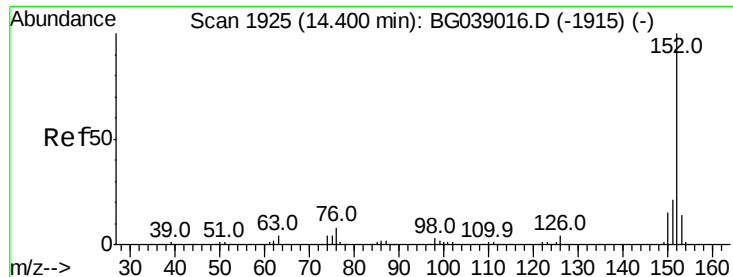
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.4	42.6
164	31.5	26.3	39.5



#48
 2-Nitroaniline
 Concen: 31.839 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.2	78.4
138	102.8	86.0	129.0





#49

Acenaphthylene

Concen: 34.162 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

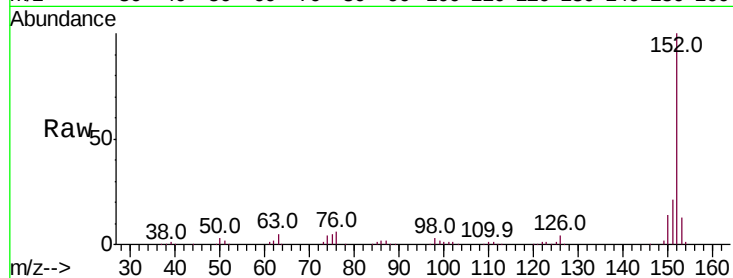
Tot Ion:152 Resp: 182042

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

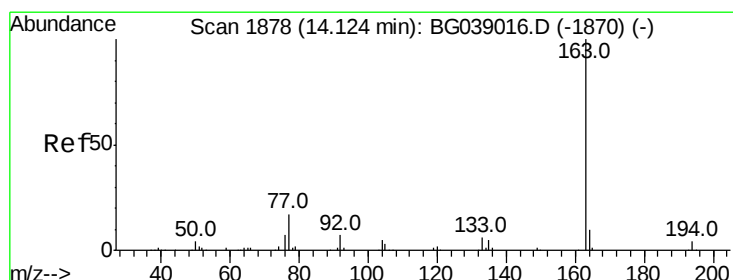
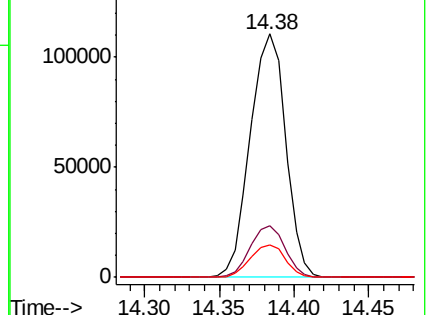
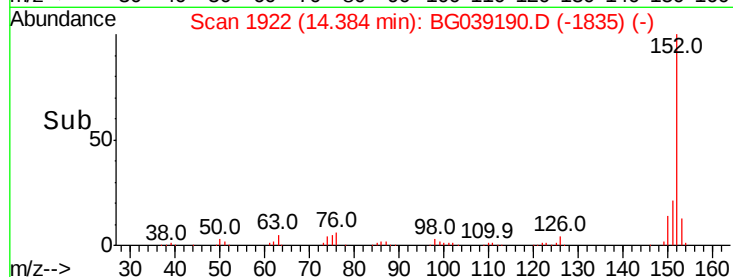
153 13.3 11.2 16.8



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: 32.955 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

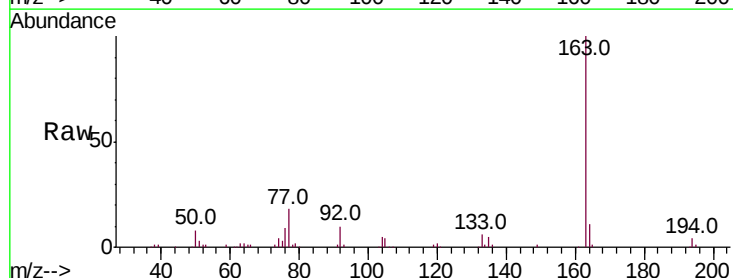
Tgt Ion:163 Resp: 153976

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

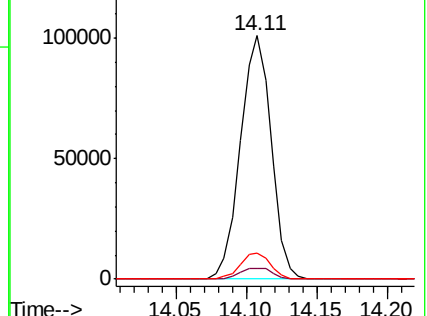
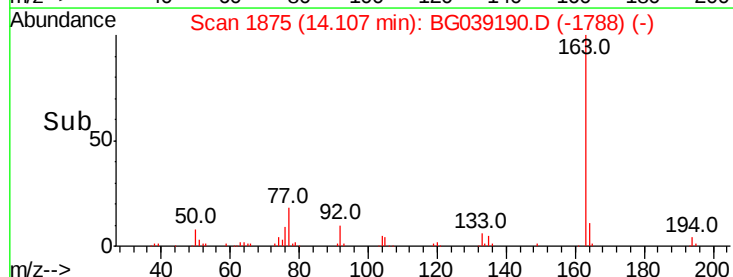
164 10.7 8.2 12.2

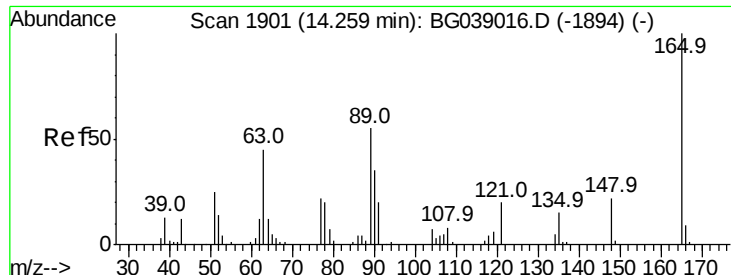


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

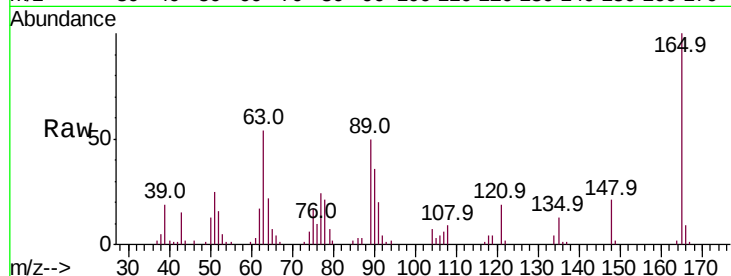




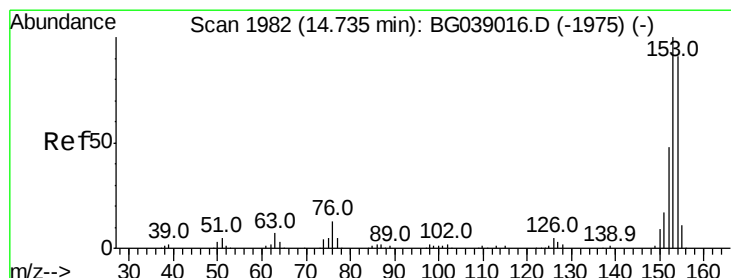
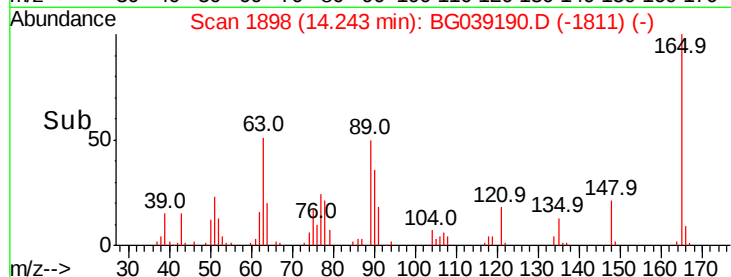
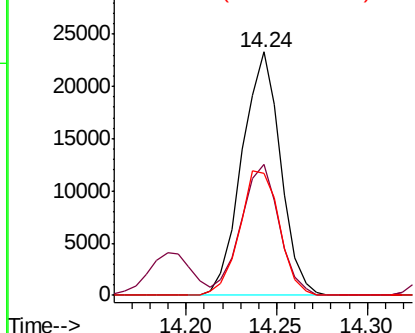
#51
 2,6-Dinitrotoluene
 Concen: 33.124 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:165 Resp: 34601
 Ion Ratio Lower Upper
 165 100
 63 53.6 43.6 65.4
 89 50.2 43.7 65.5

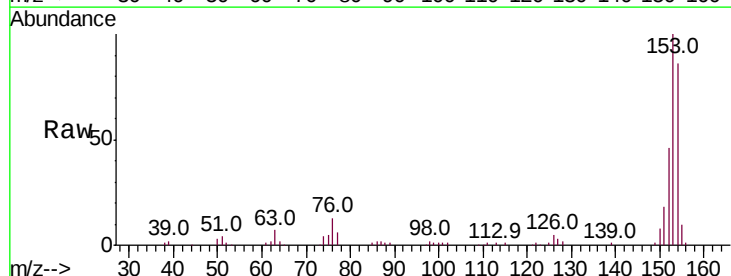


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

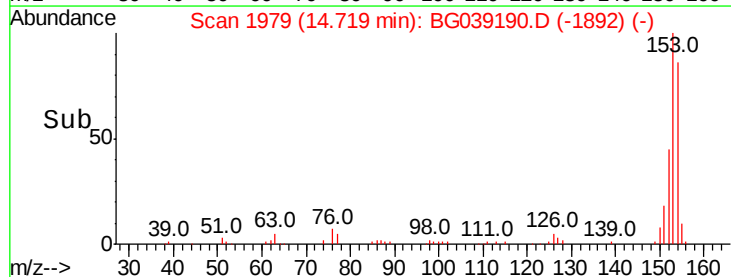
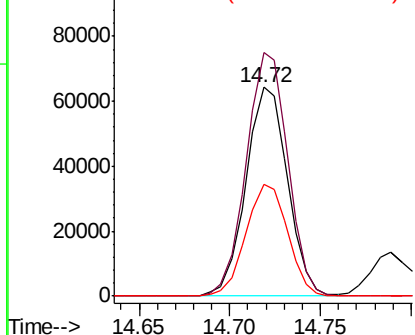


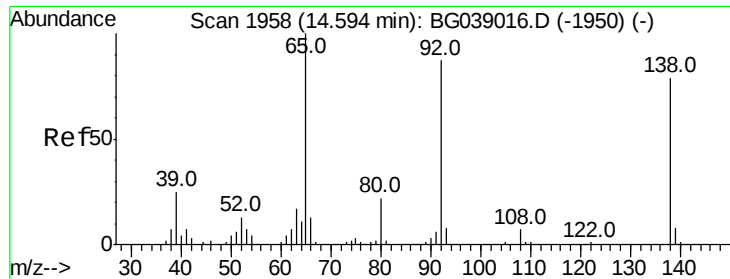
#52
 Acenaphthene
 Concen: 32.061 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:154 Resp: 102649
 Ion Ratio Lower Upper
 154 100
 153 116.6 87.9 131.9
 152 53.2 42.2 63.2



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





#53

3-Nitroaniline

Concen: 16.464 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

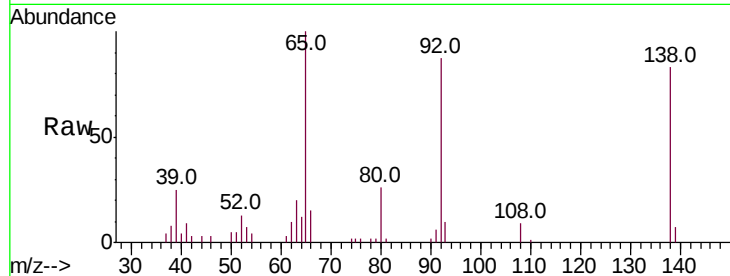
Tot Ion:138 Resp: 17447

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.0

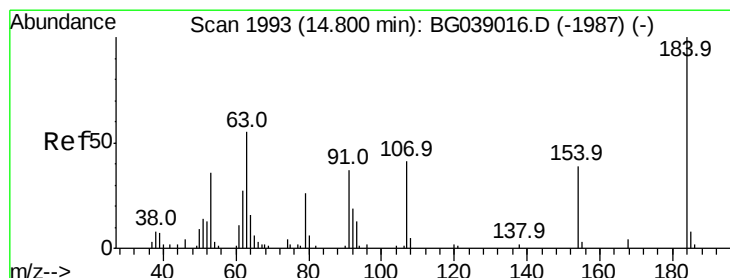
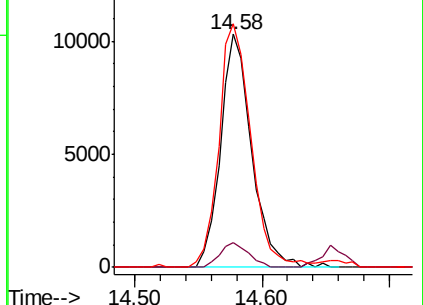
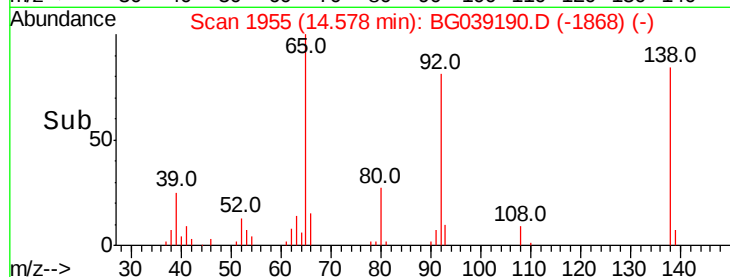
92 104.4 88.2 132.4



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: 59.145 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

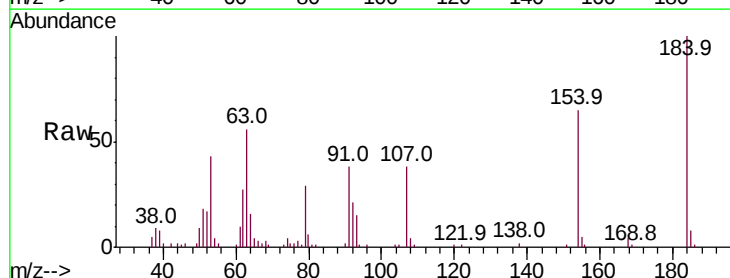
Tgt Ion:184 Resp: 35998

Ion Ratio Lower Upper

184 100

63 56.2 44.0 66.0

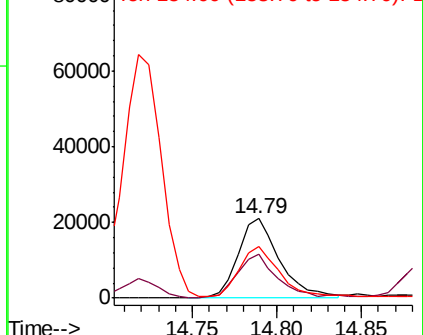
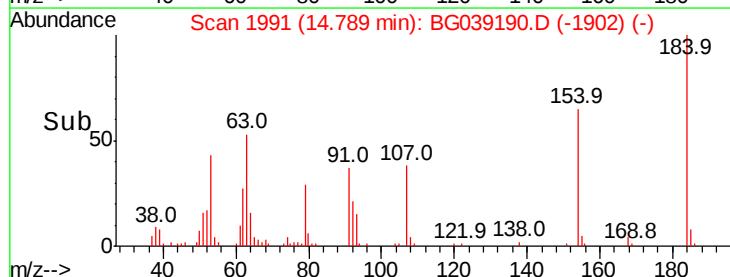
154 64.6 46.1 69.1

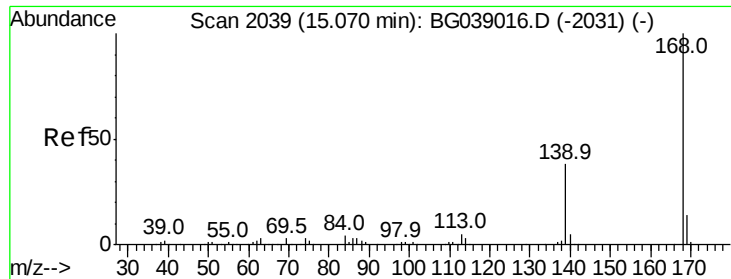


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

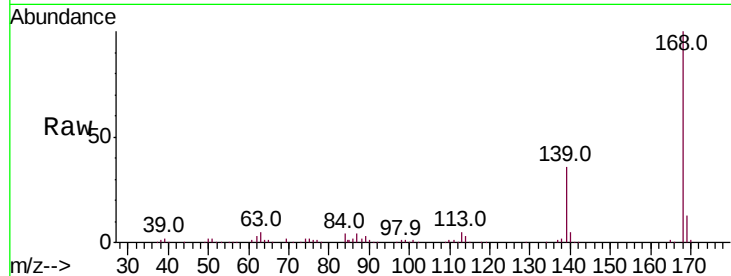




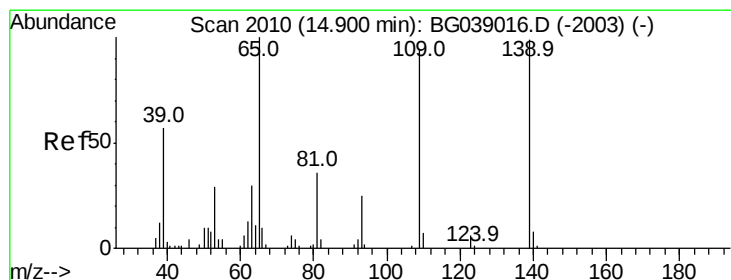
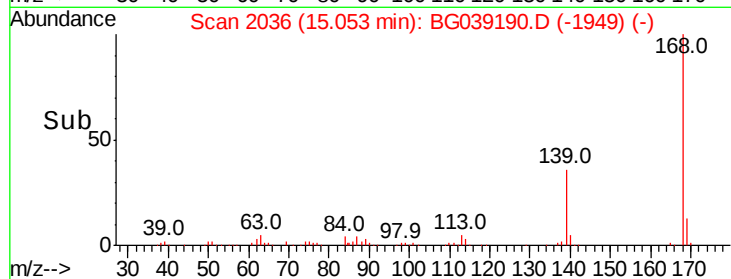
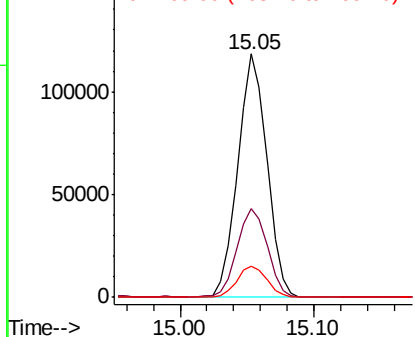
#55
Dibenzenofuran
Concen: 31.512 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:168 Resp: 178183
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 12.7 10.9 16.3

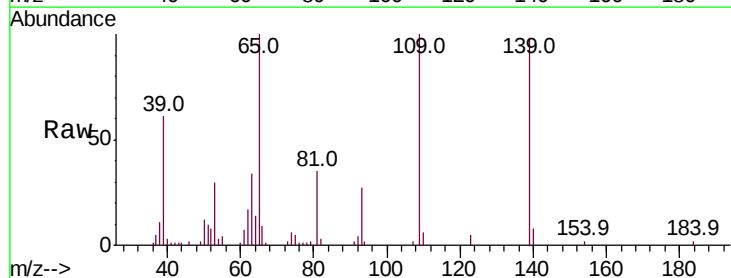


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

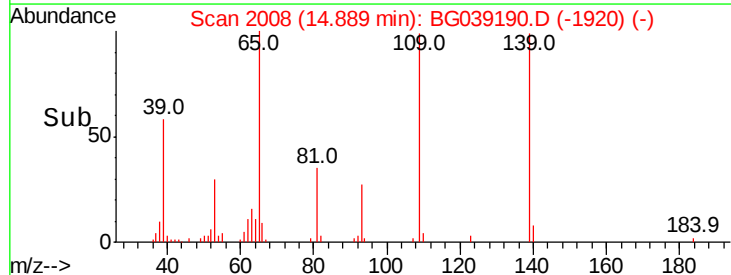
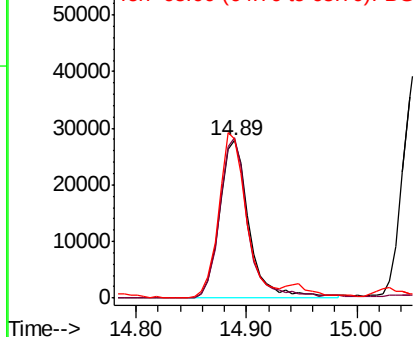


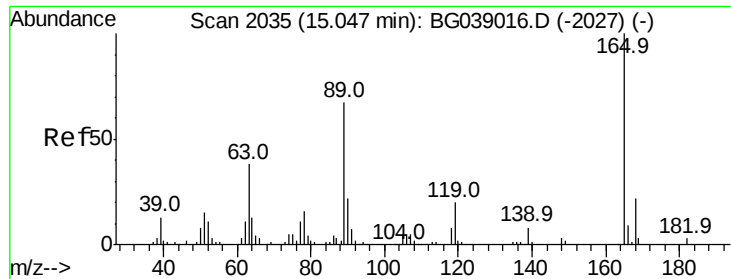
#56
4-Nitrophenol
Concen: 68.015 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:139 Resp: 51859
Ion Ratio Lower Upper
139 100
109 101.6 75.6 115.6
65 101.3 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): BGO

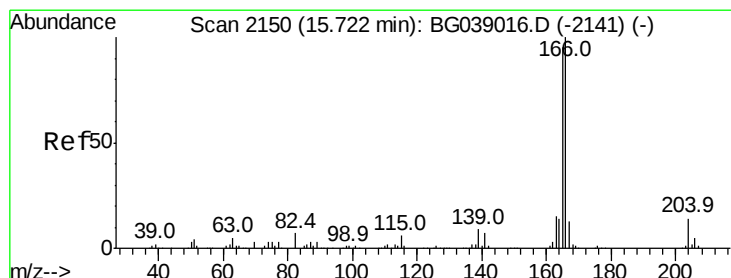
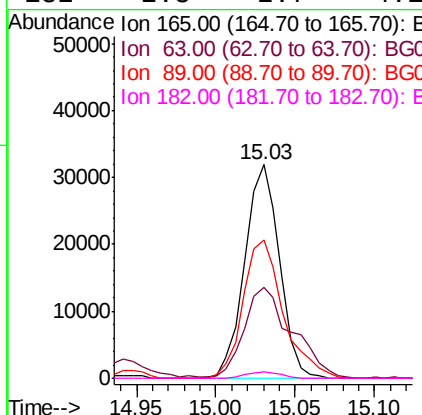
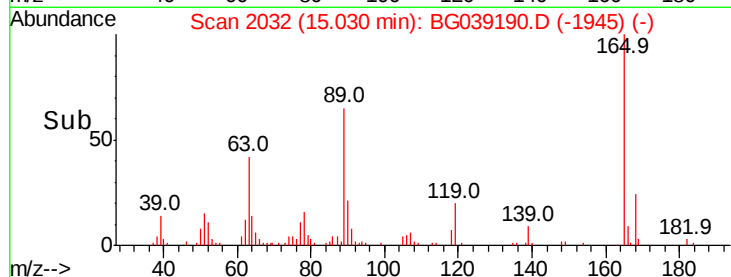
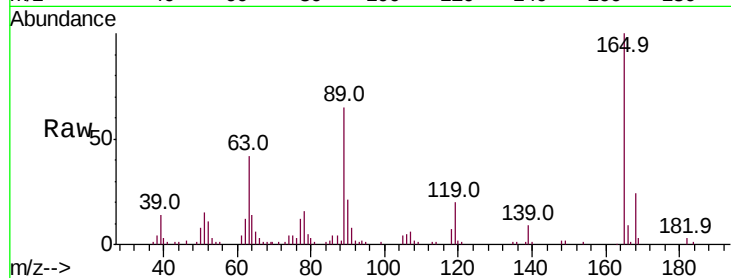




#57
 2,4-Dinitrotoluene
 Concen: 32.306 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

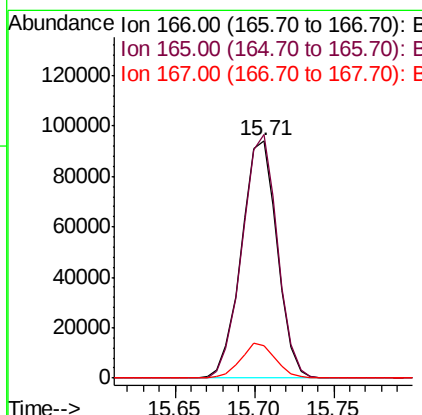
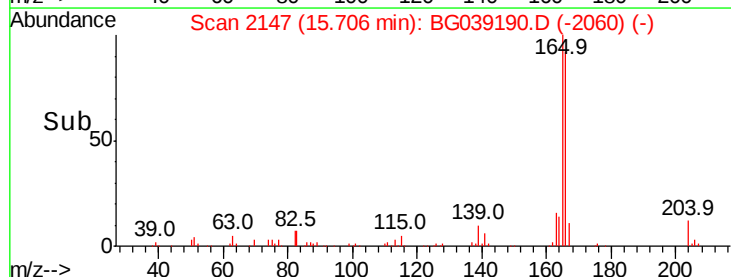
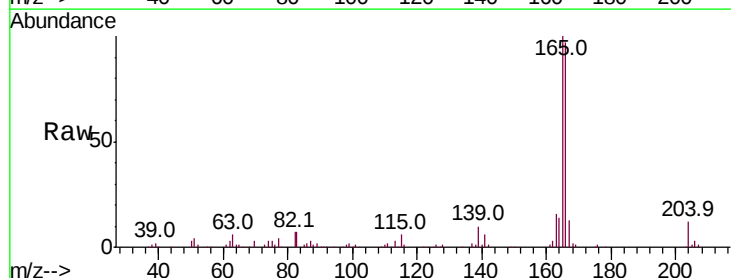
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

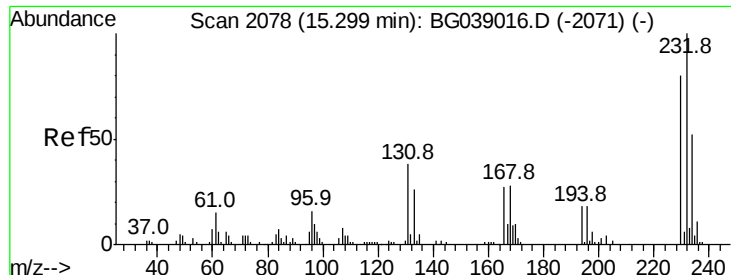
Tot Ion:165 Resp: 48416
 Ion Ratio Lower Upper
 165 100
 63 42.3 30.2 45.4
 89 64.8 53.2 79.8
 182 2.8 2.7 4.1



#58
 Fluorene
 Concen: 34.489 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:166 Resp: 146794
 Ion Ratio Lower Upper
 166 100
 165 102.6 76.2 114.2
 167 13.7 10.6 16.0

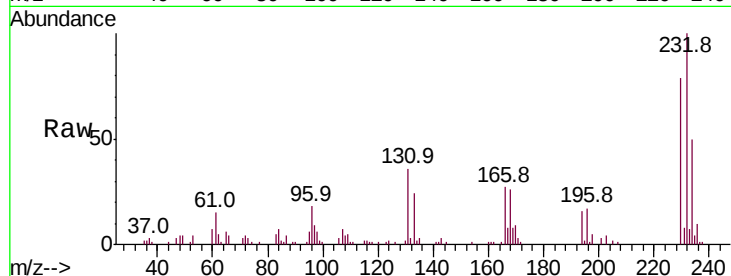




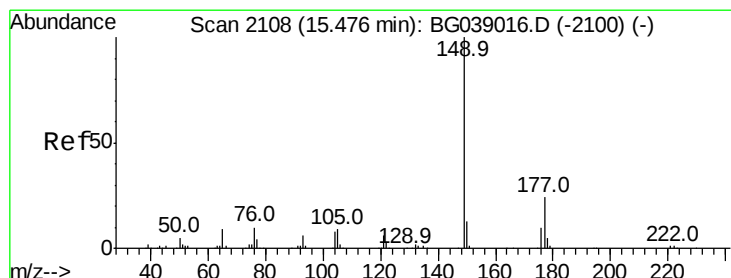
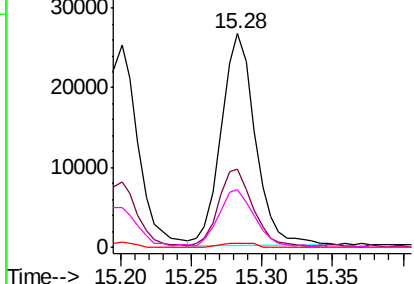
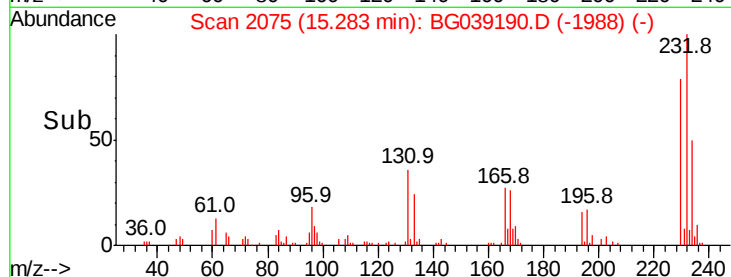
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.254 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:232 Resp: 44662
 Ion Ratio Lower Upper
 232 100
 131 37.9 30.9 46.3
 130 2.1 1.9 2.9
 166 28.7 22.1 33.1

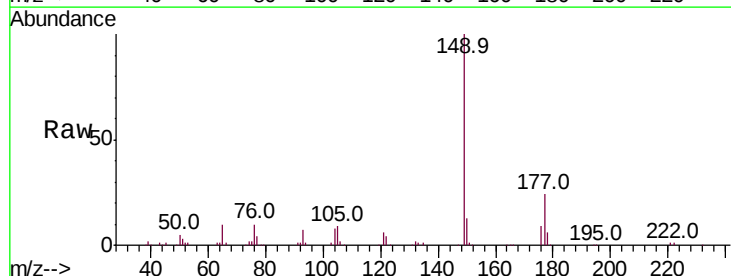


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

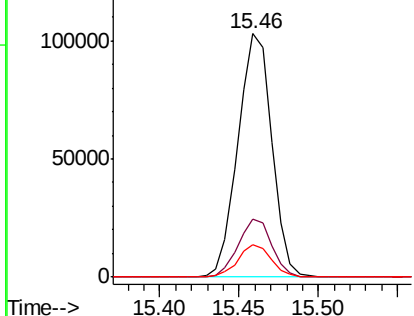
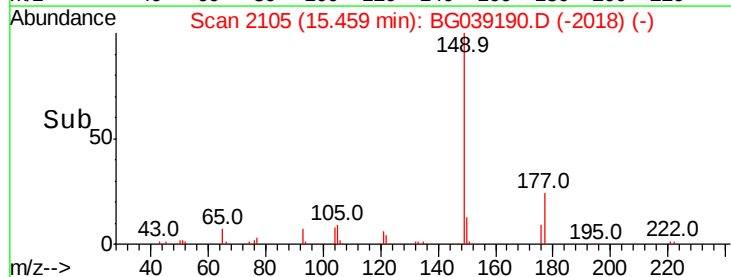


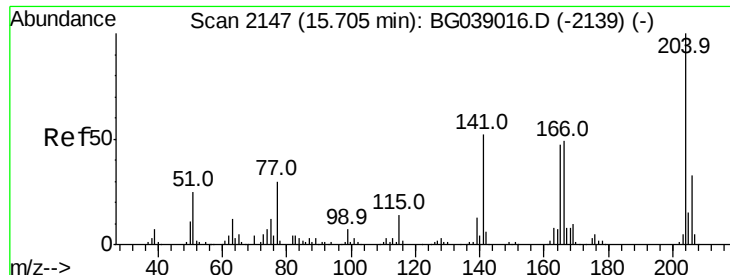
#60
 Diethylphthalate
 Concen: 31.667 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:149 Resp: 152441
 Ion Ratio Lower Upper
 149 100
 177 23.6 19.0 28.6
 150 13.3 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

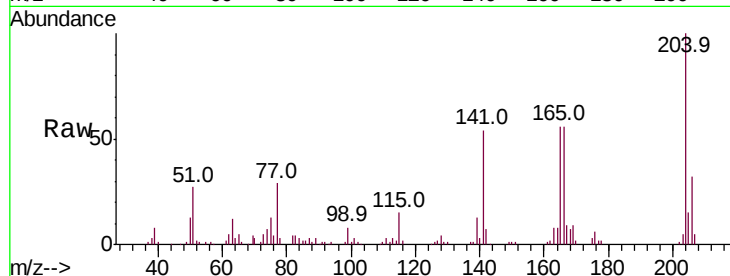




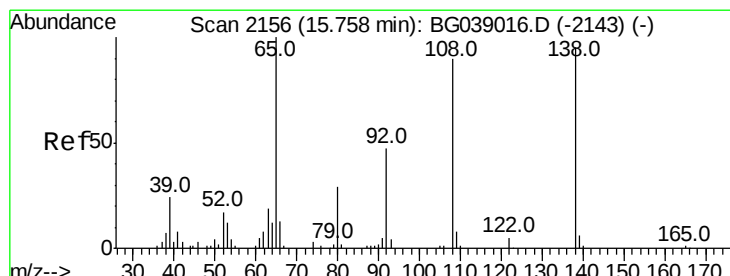
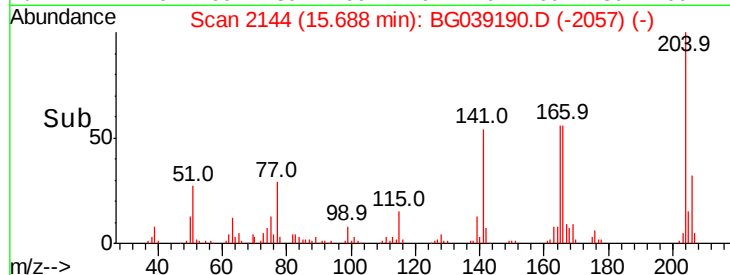
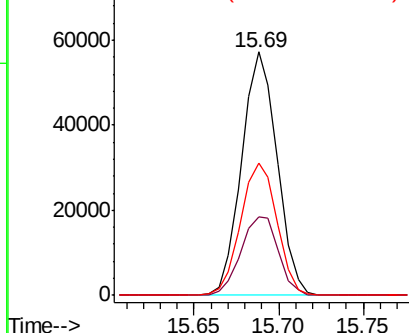
#61
4-Chlorophenyl-phenylether
Concen: 31.144 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:204 Resp: 83513
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 54.1 41.4 62.0

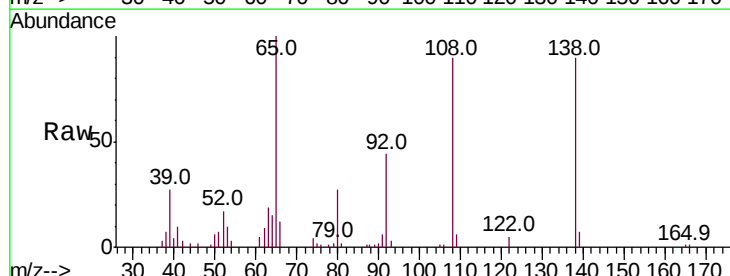


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

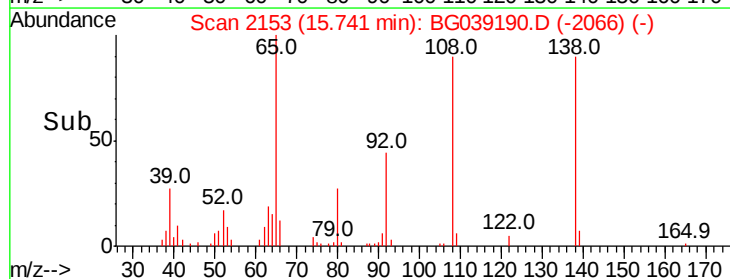
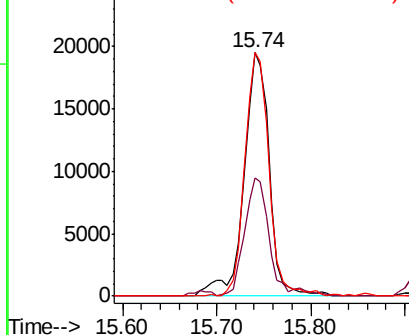


#62
4-Nitroaniline
Concen: 32.872 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:138 Resp: 36288
Ion Ratio Lower Upper
138 100
92 48.6 29.7 69.7
108 100.1 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: 31.273 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

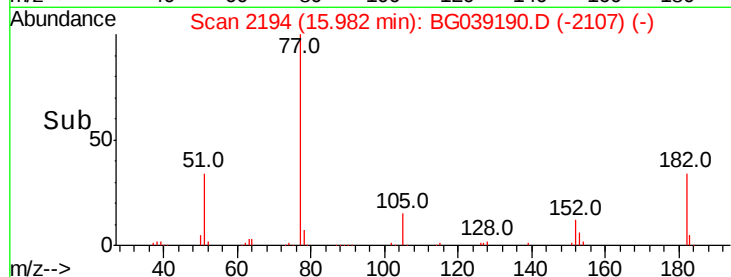
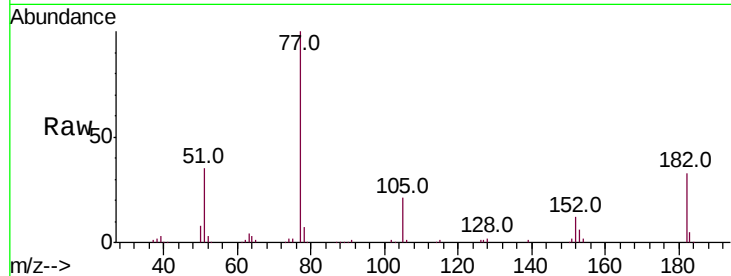
BNA_G

ClientSampleId :

PB116427BS

Tot Ion: 77 Resp: 117729

Ion	Ratio	Lower	Upper
77	100		
182	32.5	12.2	52.2
105	20.6	1.2	41.2
51	34.7	13.4	53.4

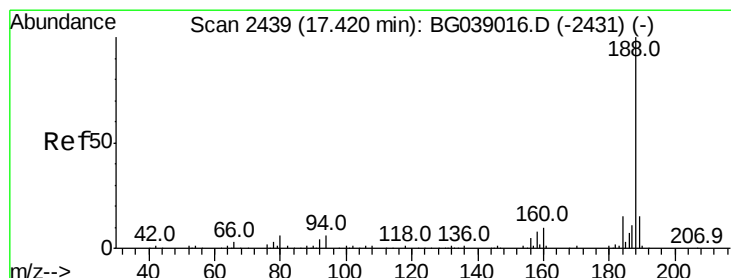


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

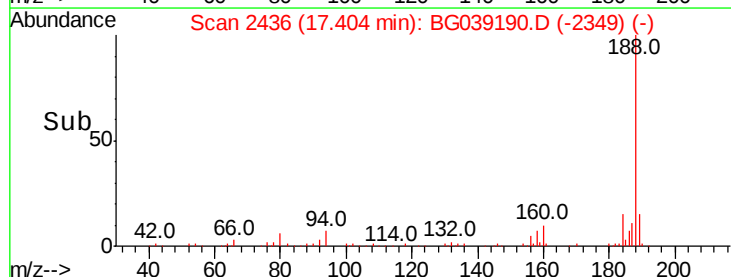
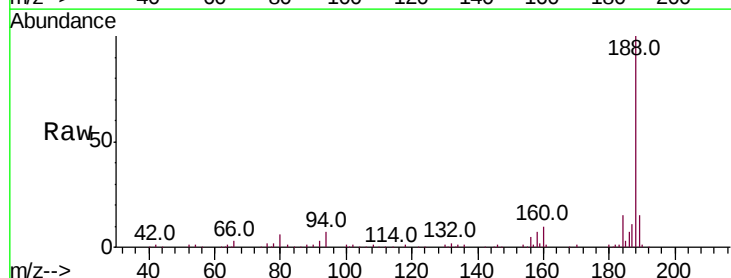
Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion: 188 Resp: 154288

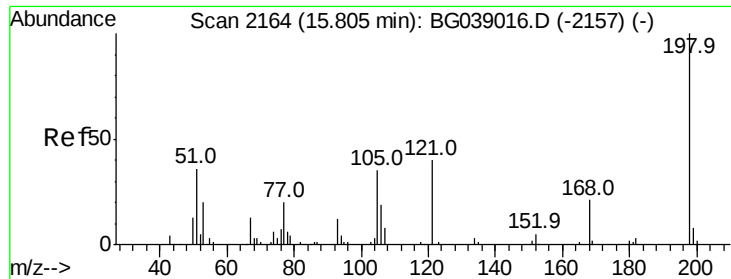
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.0	7.4
80	6.3	4.7	7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

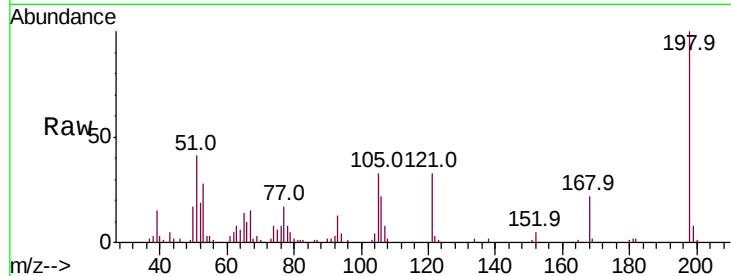
Ion 80.00 (79.70 to 80.70): BGC



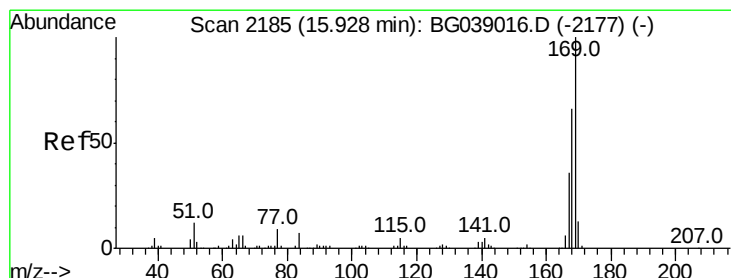
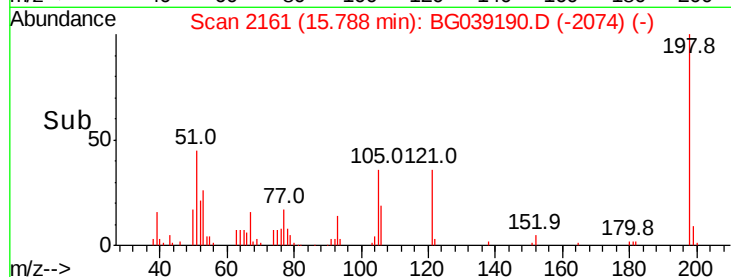
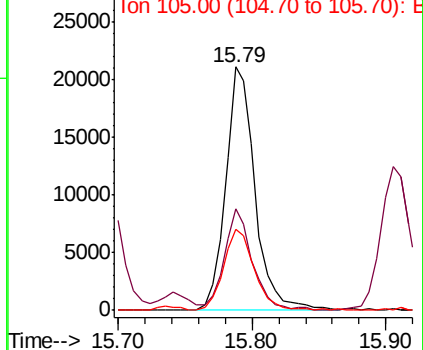
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.363 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:198 Resp: 32421
 Ion Ratio Lower Upper
 198 100
 51 41.5 20.8 60.8
 105 33.3 16.1 56.1

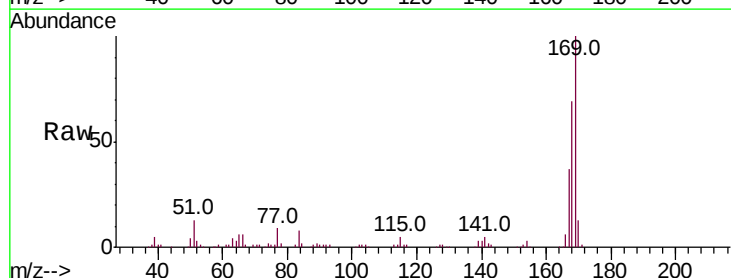


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

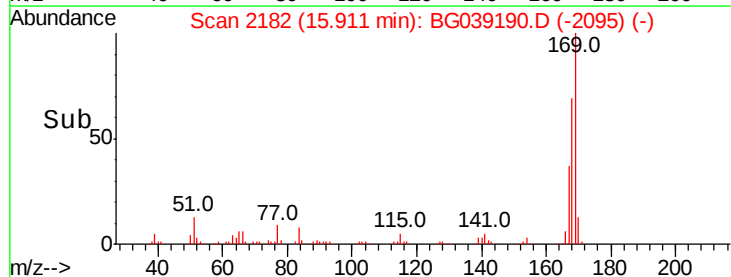
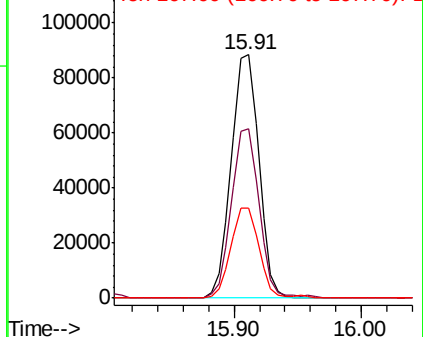


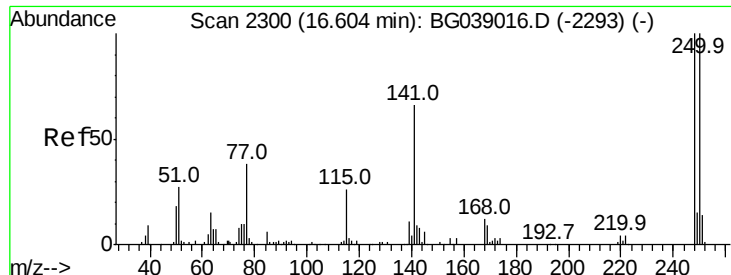
#66
 n-Nitrosodiphenylamine
 Concen: 29.119 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:169 Resp: 133188
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.2 79.8
 167 36.8 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

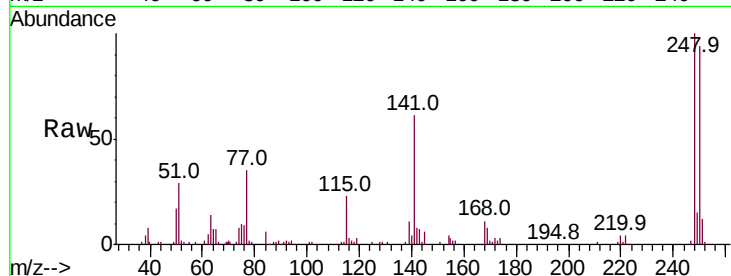




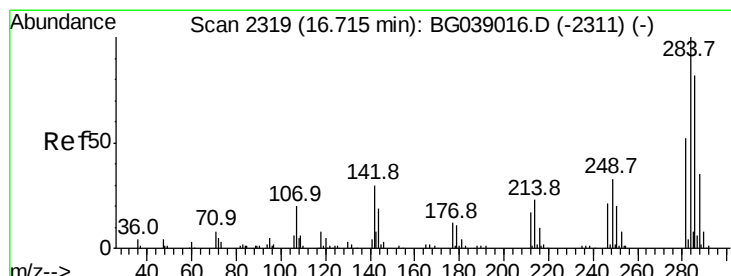
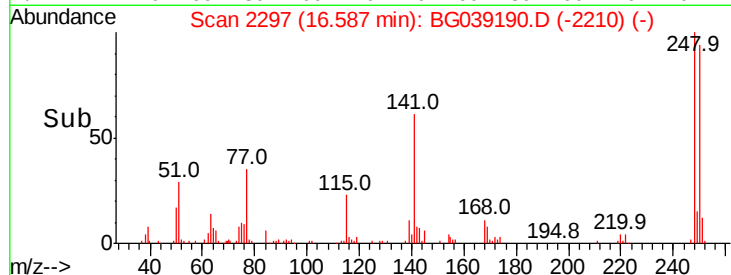
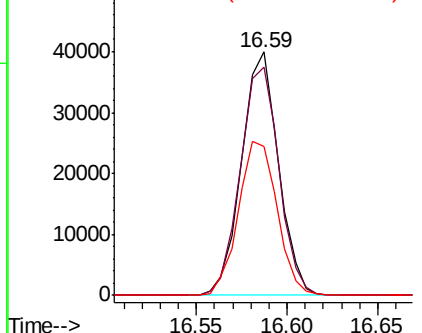
#67
 4-Bromophenyl-phenylether
 Concen: 28.555 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleID :
 PB116427BS

Tot Ion:248 Resp: 56634
 Ion Ratio Lower Upper
 248 100
 250 93.5 79.9 119.9
 141 61.0 52.7 79.1

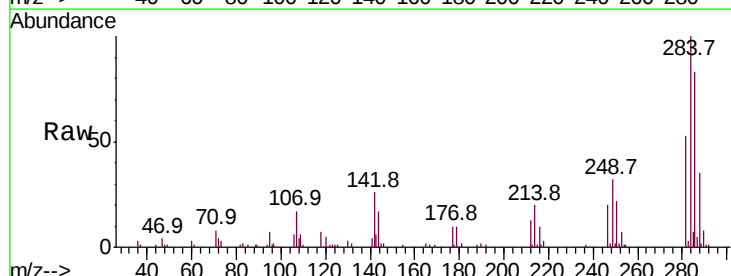


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

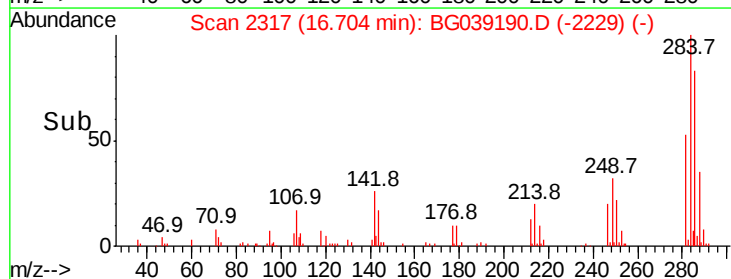
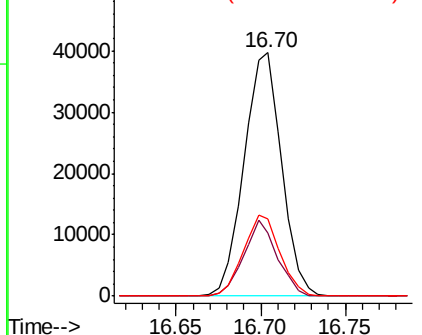


#68
 Hexachlorobenzene
 Concen: 28.185 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:284 Resp: 60997
 Ion Ratio Lower Upper
 284 100
 142 25.7 24.3 36.5
 249 34.2 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: 30.735 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

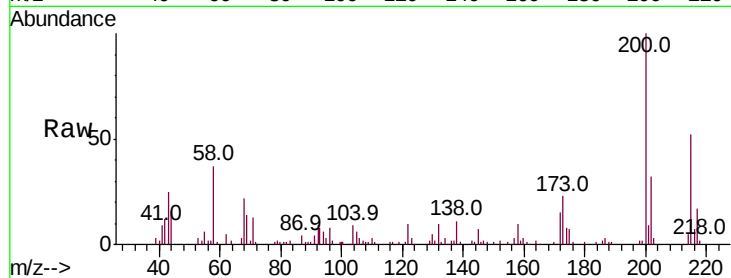
BNA_G

ClientSampleId :

PB116427BS

Tot Ion:200 Resp: 59719

Ion	Ratio	Lower	Upper
200	100		
173	23.2	2.6	42.6
215	52.3	28.0	68.0

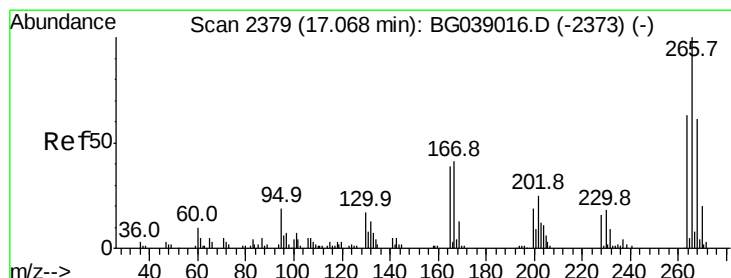
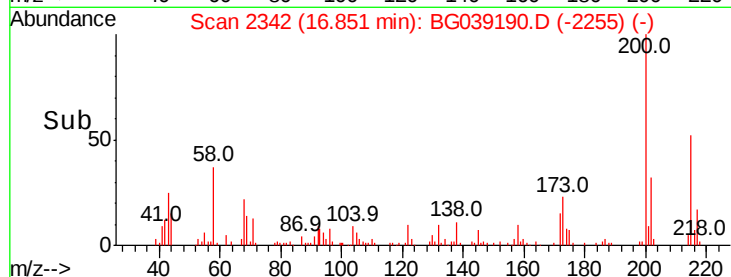
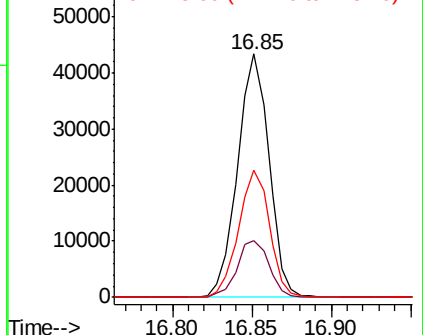


Abundance

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: 56.697 ng

RT: 17.06 min Scan# 2377

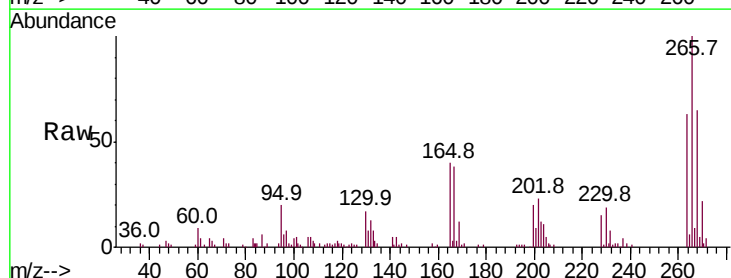
Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:266 Resp: 73375

Ion	Ratio	Lower	Upper
266	100		
268	69.6	52.0	78.0
264	68.7	54.6	81.8

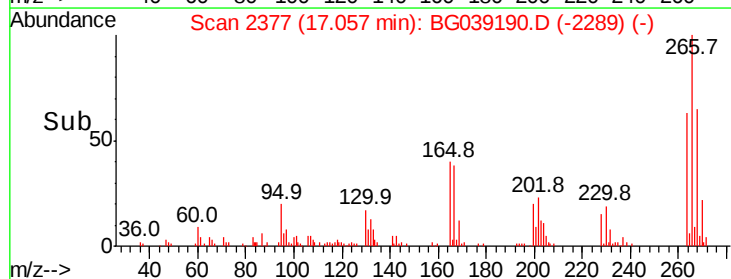
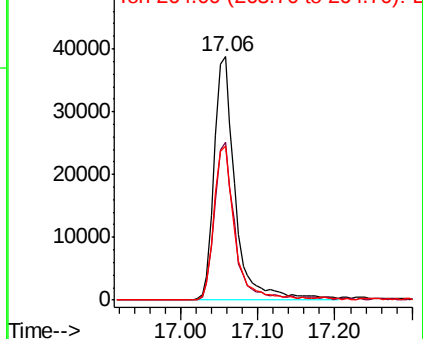


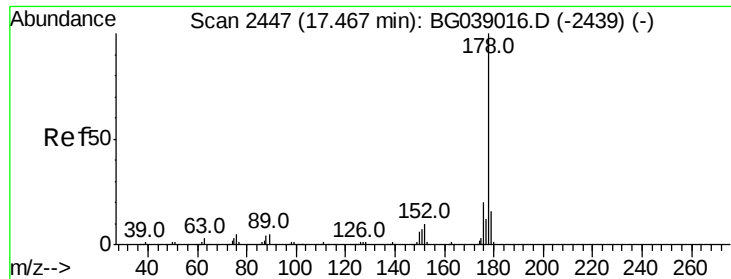
Abundance

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

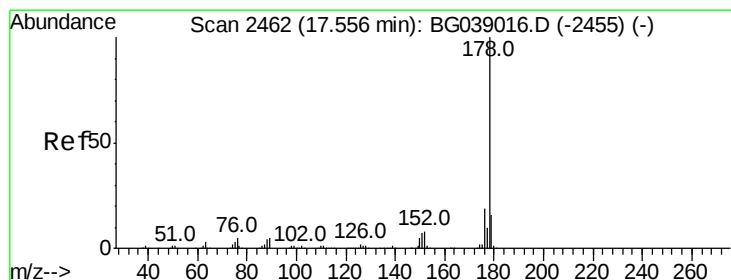
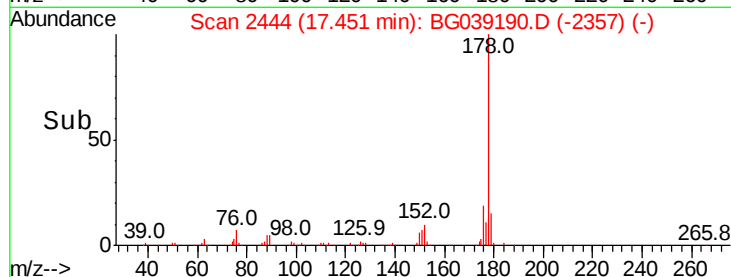
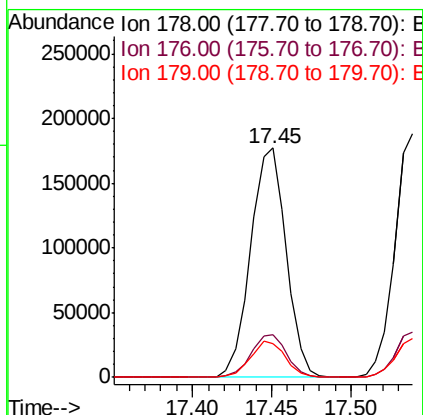
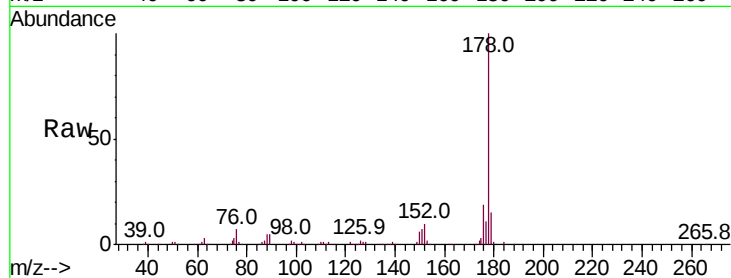




#71
Phenanthrene
Concen: 33.892 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

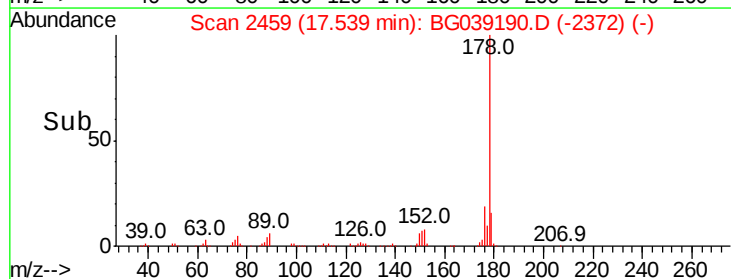
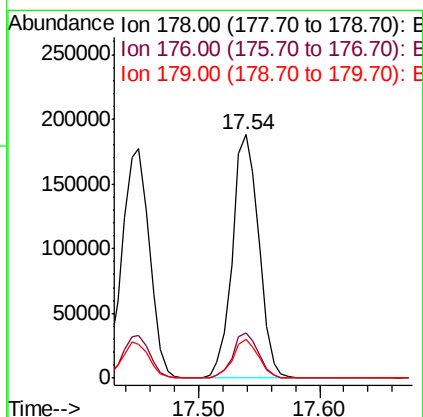
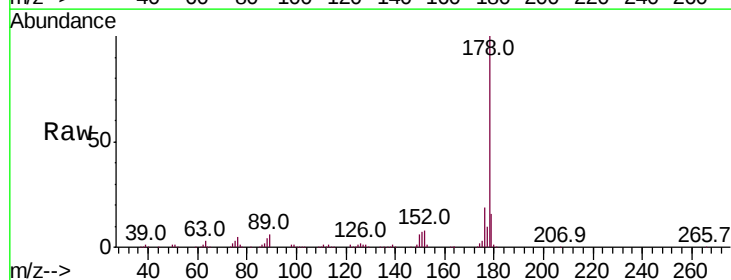
Instrument :
BNA_G
ClientSampleId :
PB116427BS

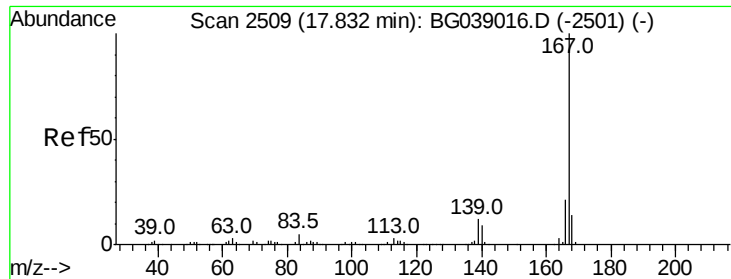
Tot Ion:178 Resp: 276393
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.0 12.9 19.3



#72
Anthracene
Concen: 35.596 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:178 Resp: 287019
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.8 13.0 19.4

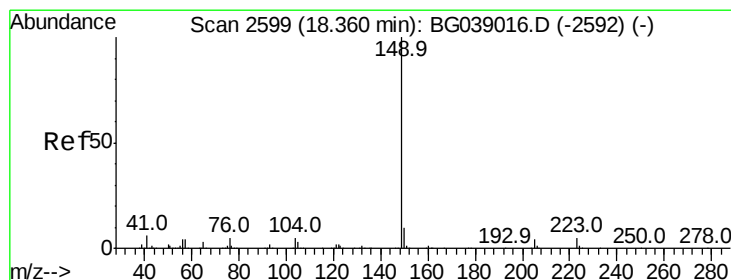
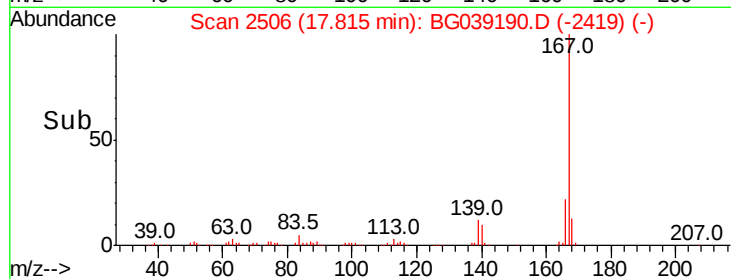
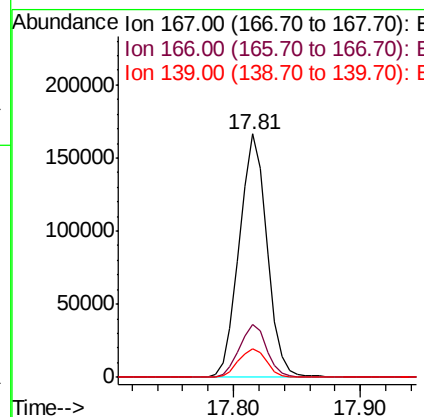
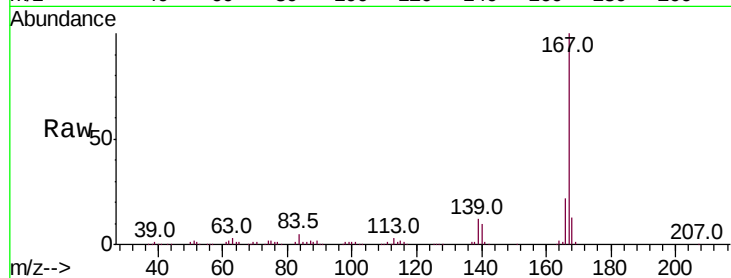




#73
 Carbazole
 Concen: 31.564 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

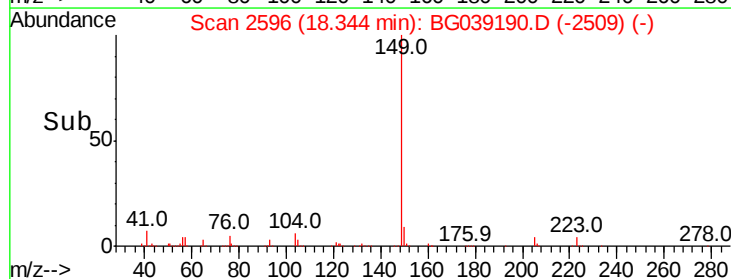
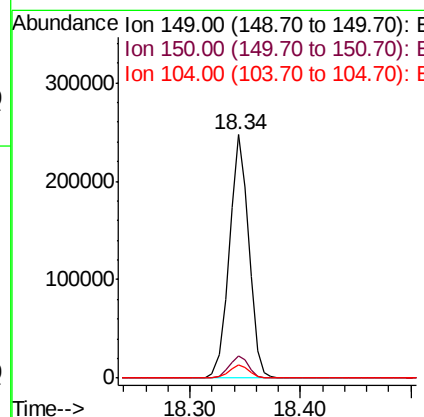
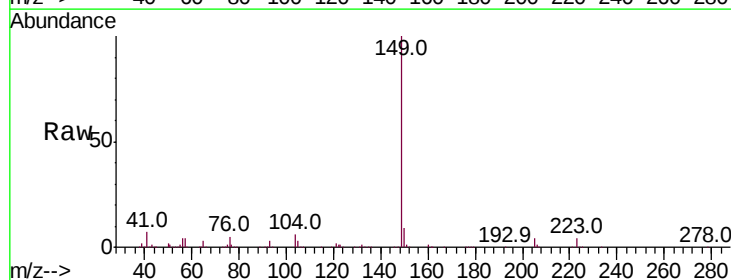
Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

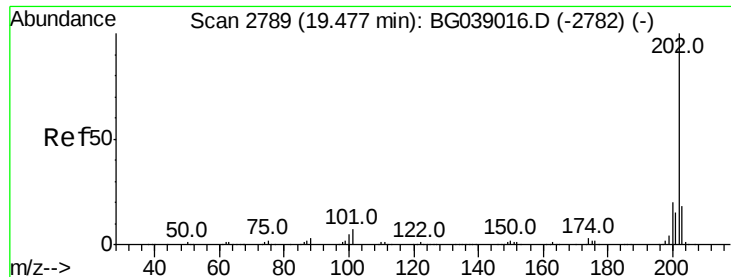
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	11.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 34.442 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 36.086 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

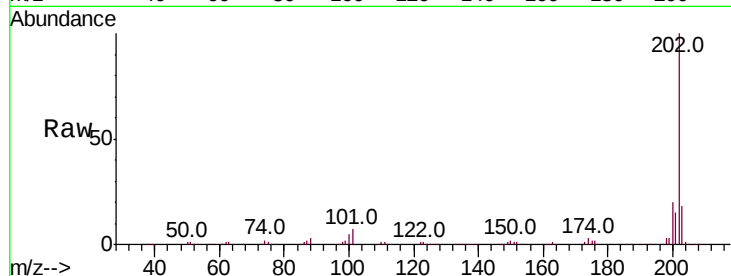
Tot Ion:202 Resp: 364827

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.9

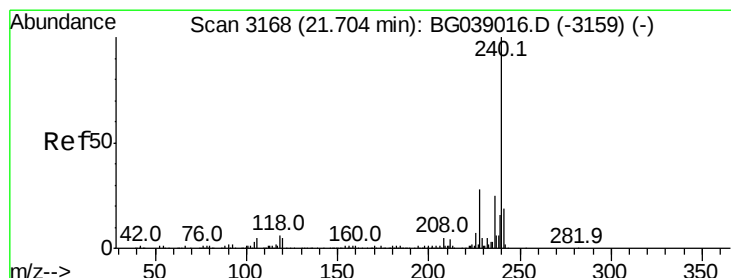
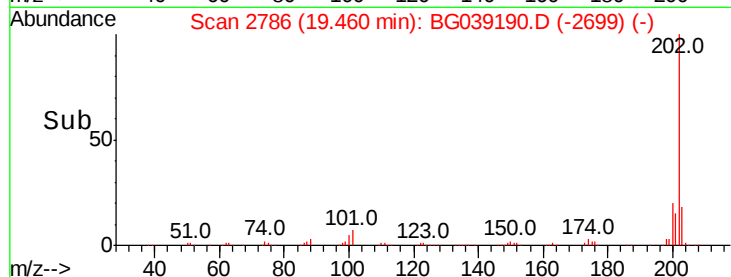
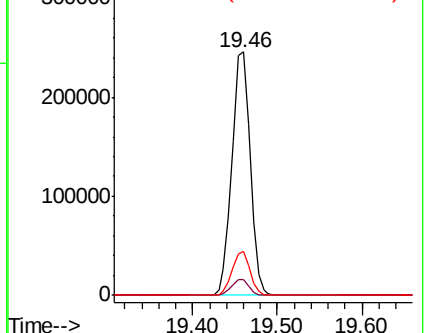
203 18.1 0.0 38.1



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: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

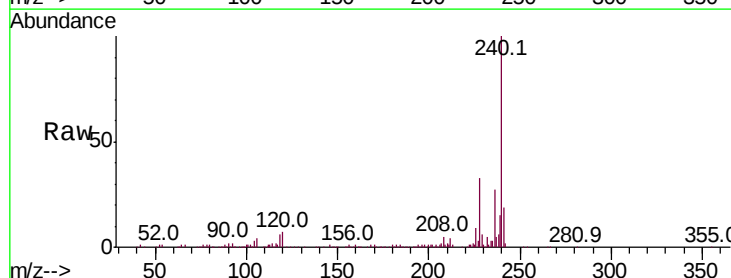
Tgt Ion:240 Resp: 171181

Ion Ratio Lower Upper

240 100

120 6.6 4.3 6.5#

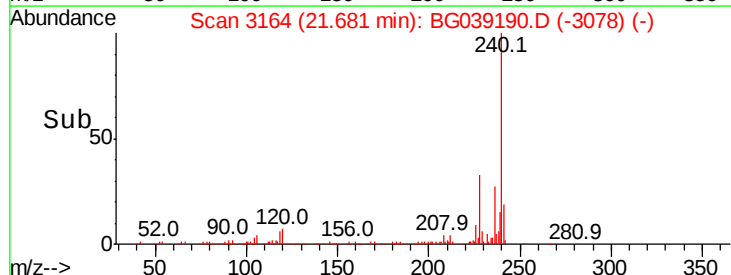
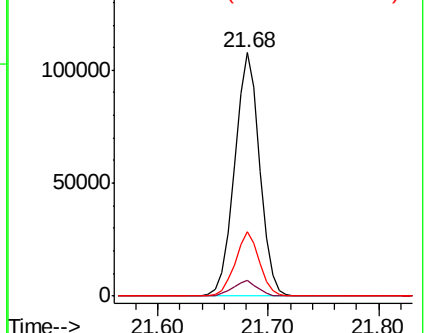
236 26.6 20.1 30.1



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: 16.255 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

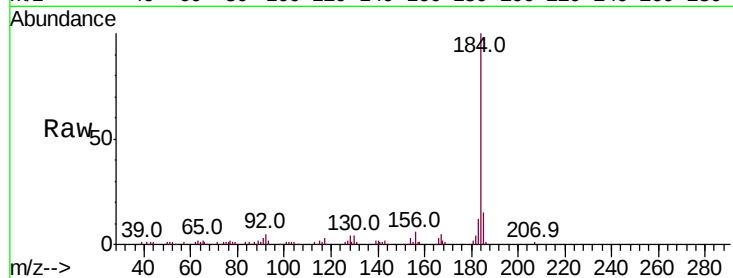
Tot Ion:184 Resp: 85109

Ion Ratio Lower Upper

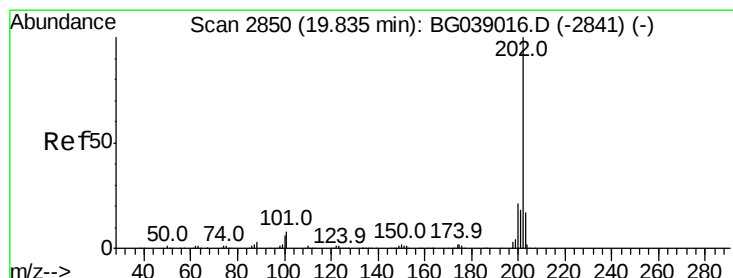
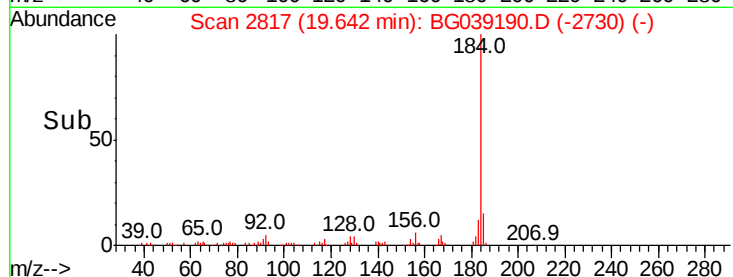
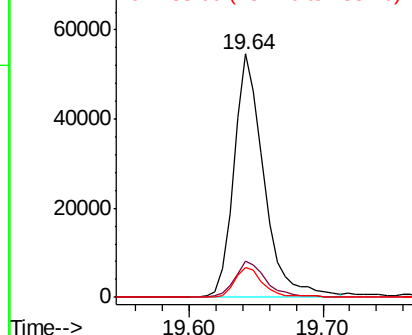
184 100

185 14.6 12.1 18.1

183 12.1 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: 33.498 ng

RT: 19.82 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

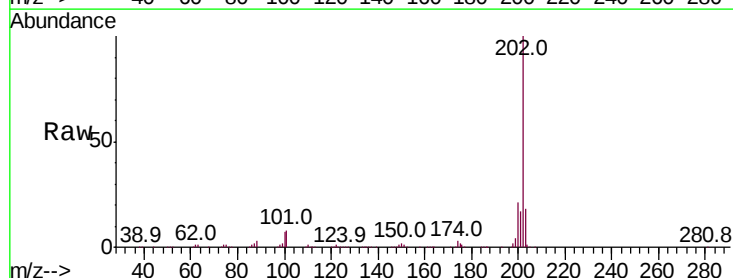
Tgt Ion:202 Resp: 365431

Ion Ratio Lower Upper

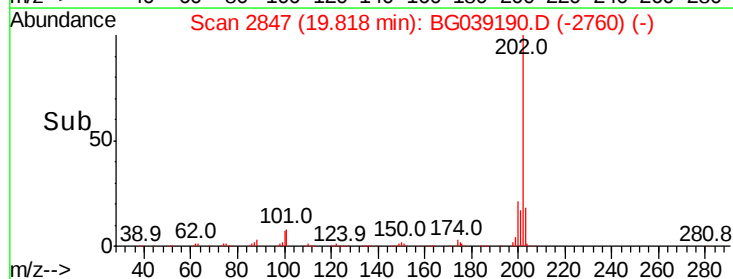
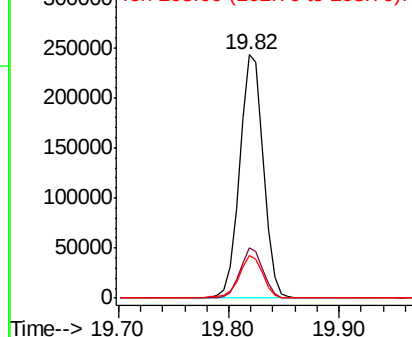
202 100

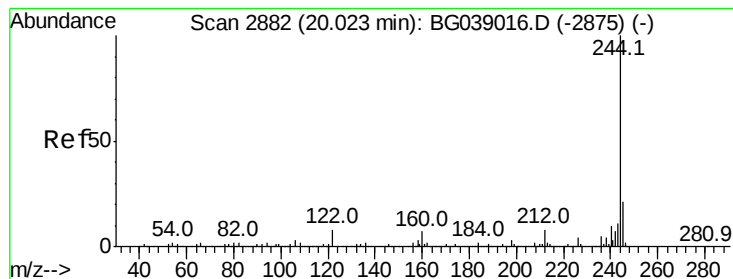
200 20.8 17.0 25.6

203 17.6 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: 65.491 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

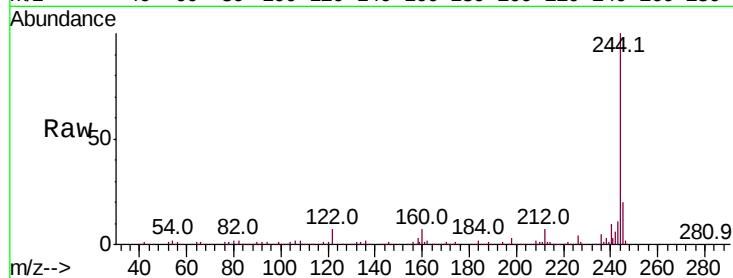
Tot Ion:244 Resp: 606025

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

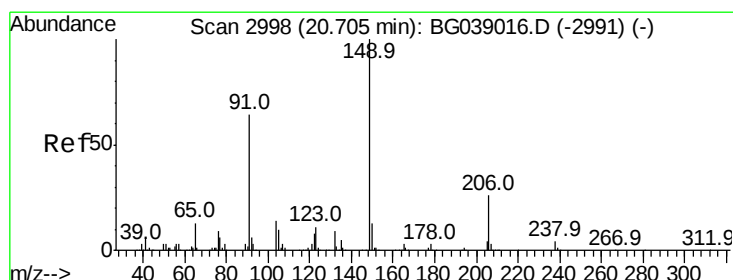
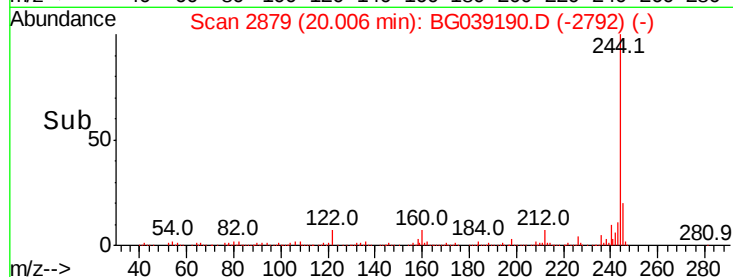
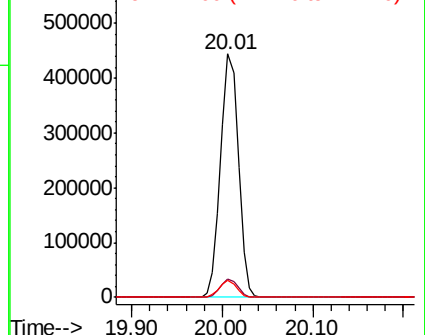
122 6.8 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.566 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

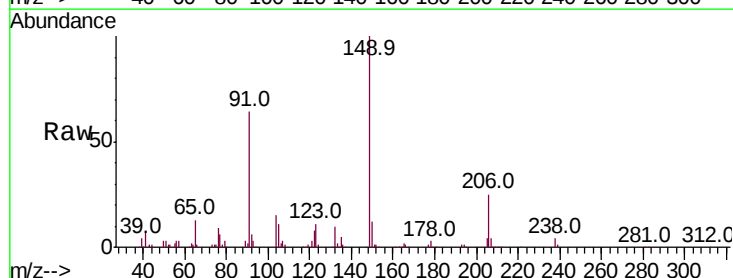
Tgt Ion:149 Resp: 135121

Ion Ratio Lower Upper

149 100

91 63.8 51.4 77.0

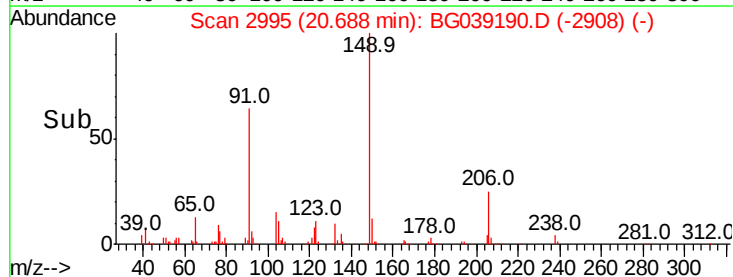
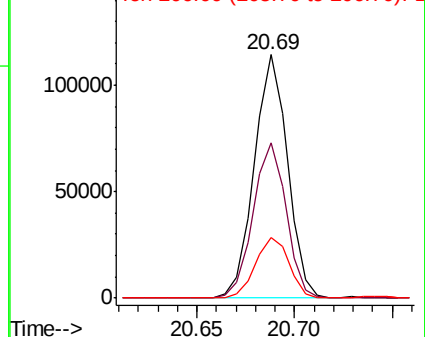
206 25.0 20.4 30.6

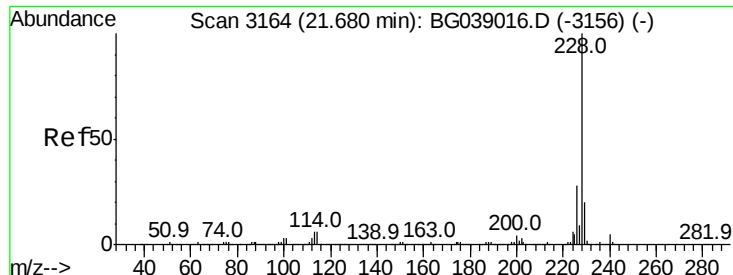


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.857 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

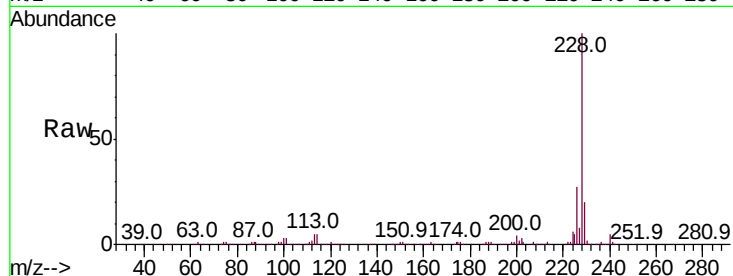
Tot Ion:228 Resp: 363234

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	20.2	16.2	24.2

228 100

226 27.3 22.4 33.6

229 20.2 16.2 24.2

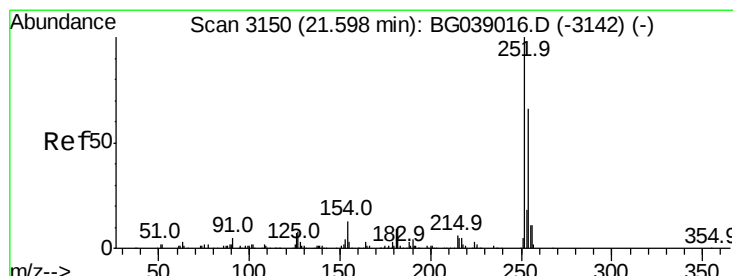
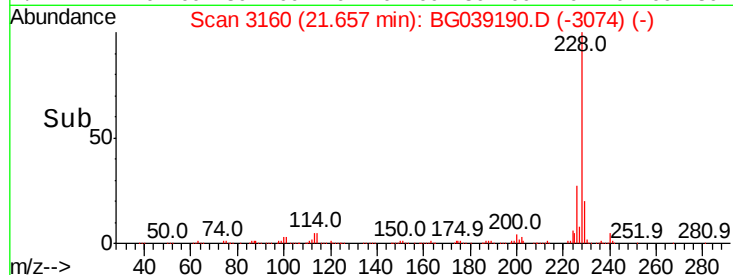
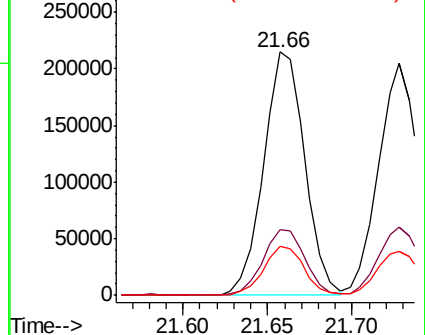


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.354 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

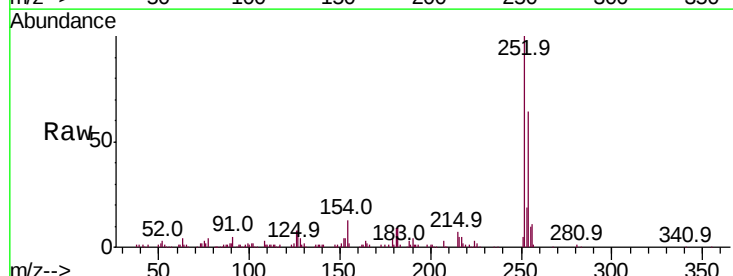
Tgt Ion:252 Resp: 77929

Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.0	79.6
126	8.5	6.0	9.0

252 100

254 64.1 53.0 79.6

126 8.5 6.0 9.0

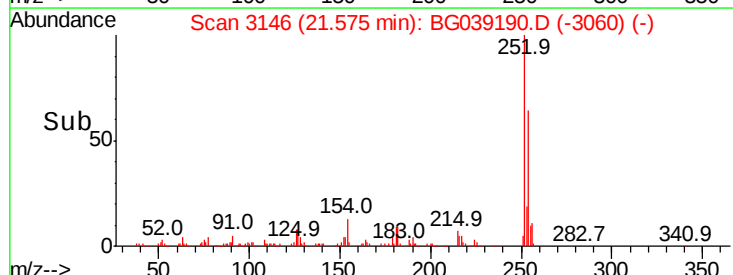
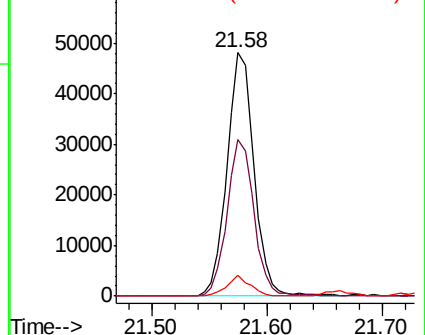


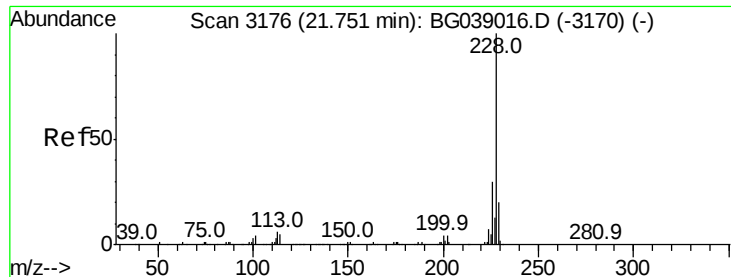
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.102 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

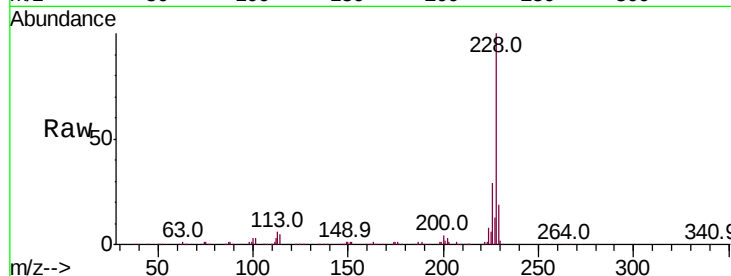
BNA_G

ClientSampleId :

PB116427BS

Tot Ion:228 Resp: 337980

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.2	16.0	24.0

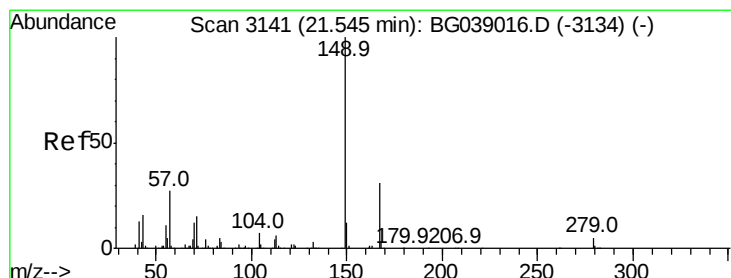
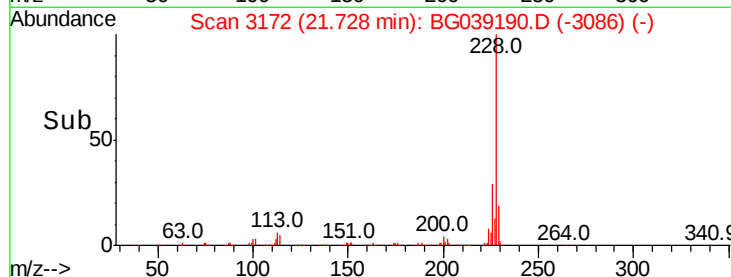
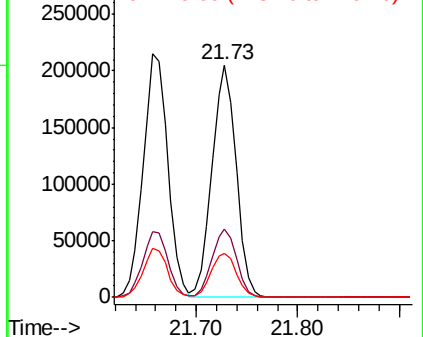


Abundance

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: 34.138 ng

RT: 21.53 min Scan# 3138

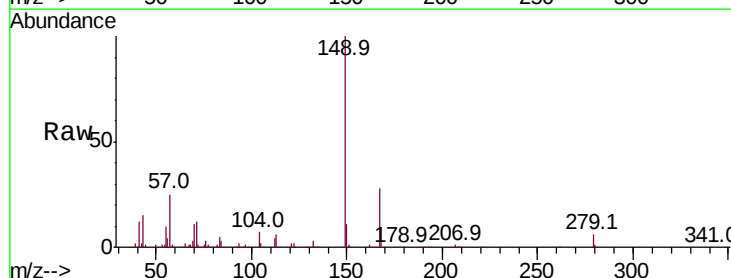
Delta R.T. -0.02 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:149 Resp: 196673

Ion	Ratio	Lower	Upper
149	100		
167	28.4	25.0	37.4
279	5.8	4.3	6.5

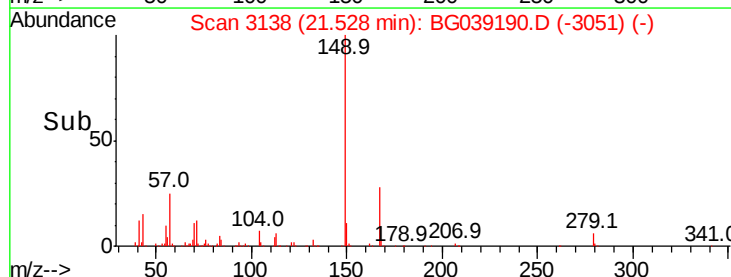
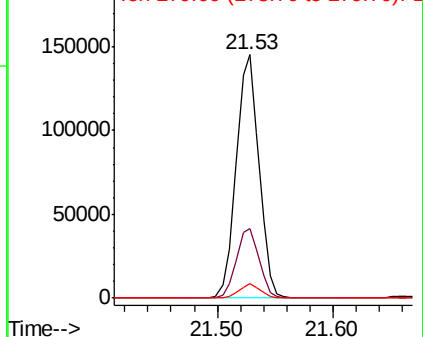


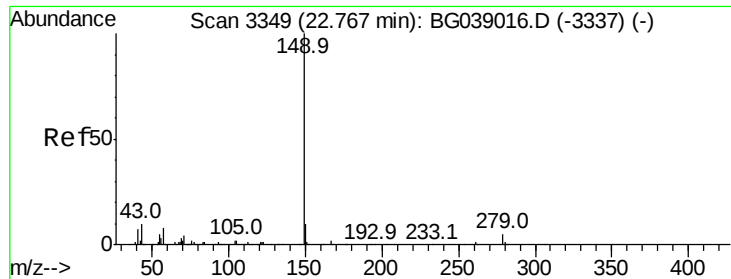
Abundance

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: 33.063 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.03 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

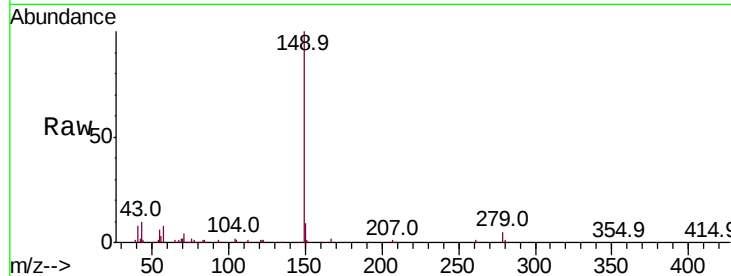
Tot Ion:149 Resp: 322086

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

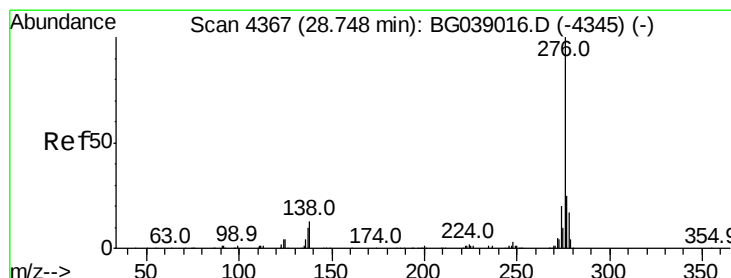
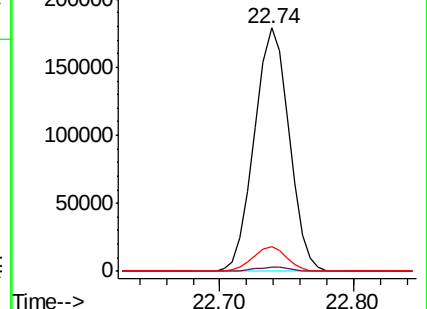
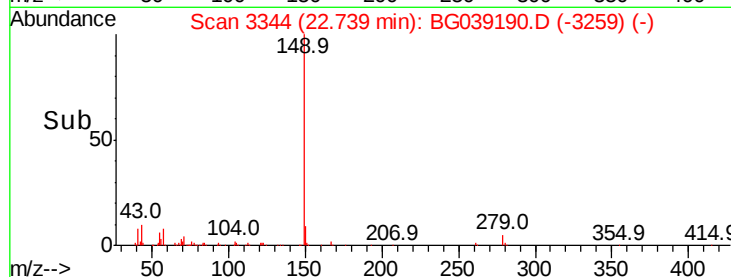
43 10.0 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.925 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.06 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

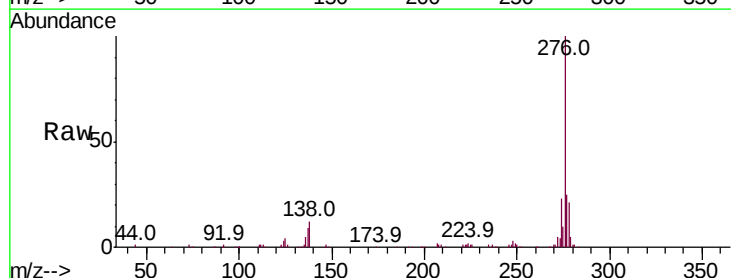
Tgt Ion:276 Resp: 425445

Ion Ratio Lower Upper

276 100

138 15.1 8.0 12.0#

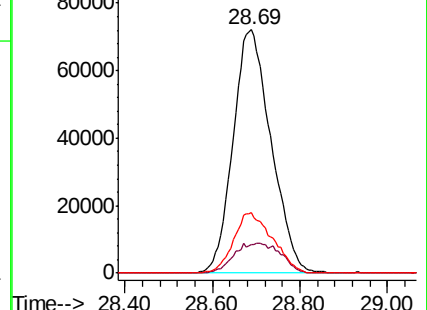
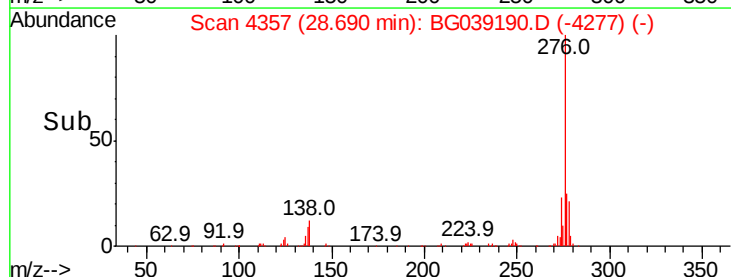
277 25.4 20.3 30.5

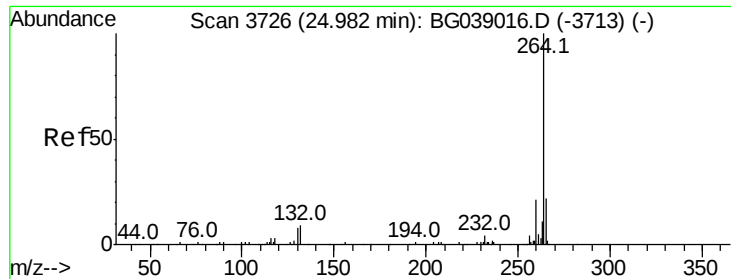


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



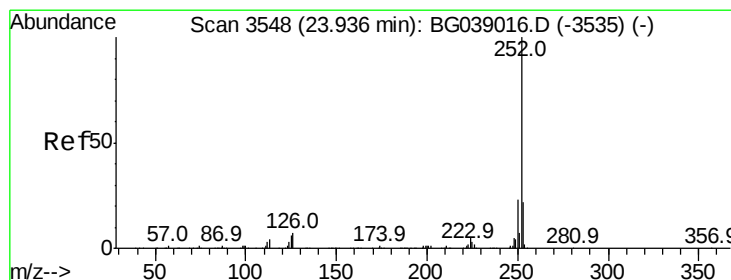
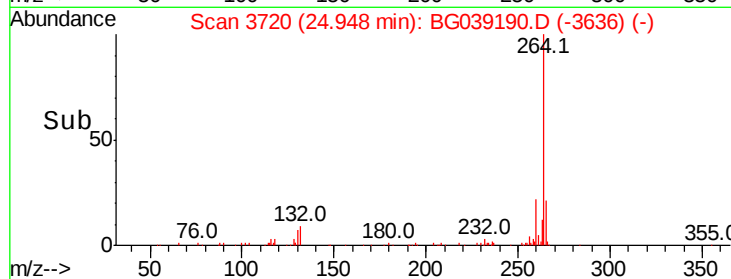
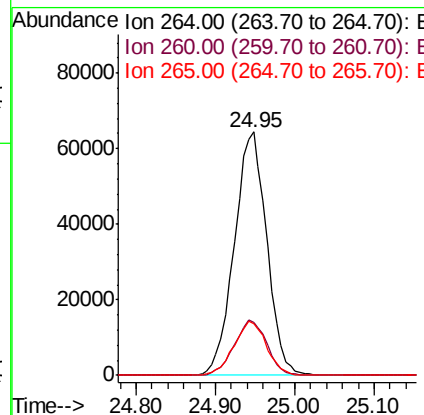
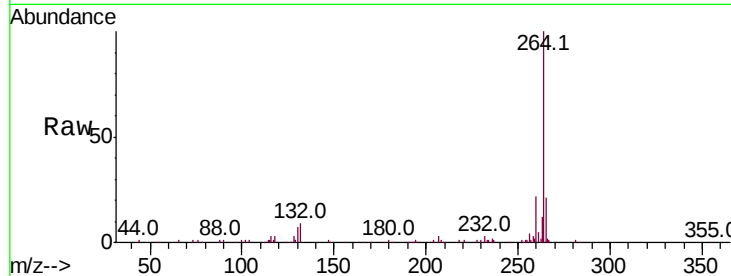


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:264 Resp: 182197

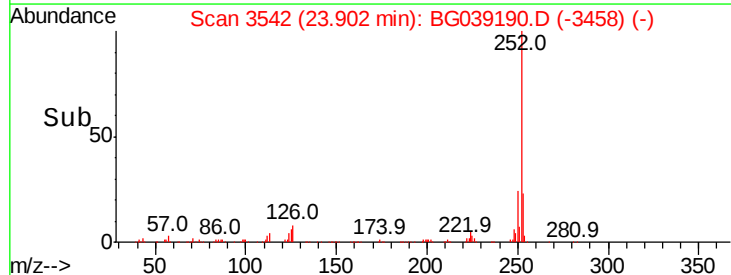
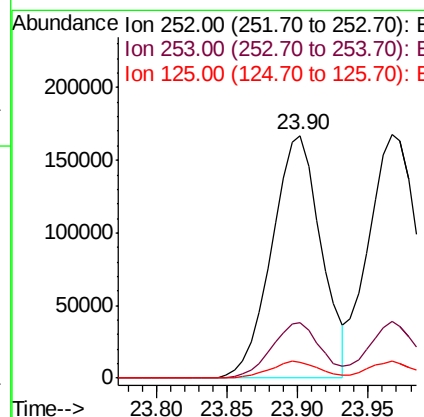
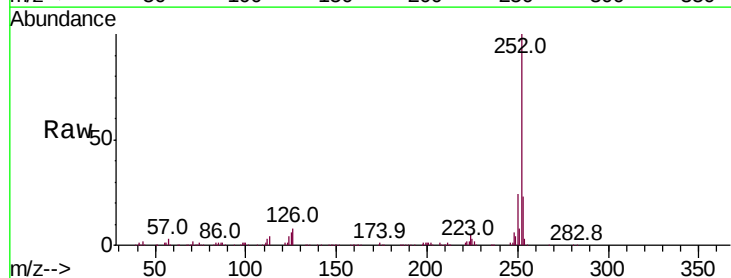
Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.0	25.6
265	21.2	17.2	25.8

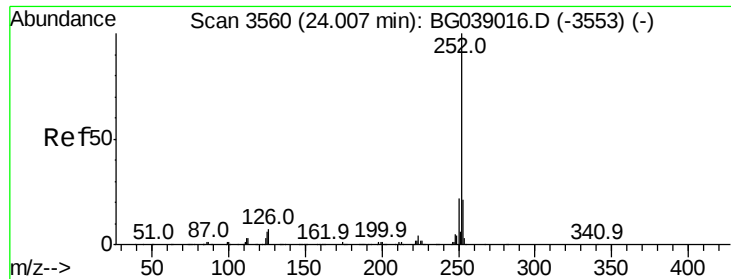


#88
Benzo(b)fluoranthene
Concen: 40.577 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:252 Resp: 407645

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	6.4	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 40.855 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.04 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

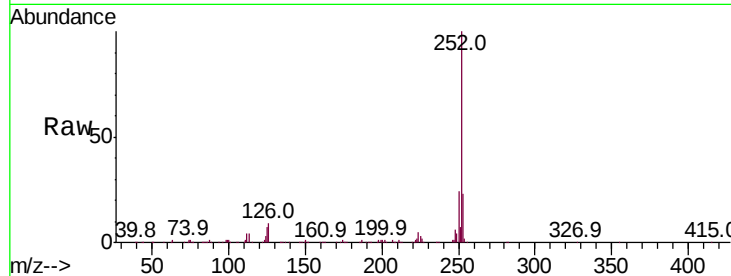
Tot Ion:252 Resp: 405819

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

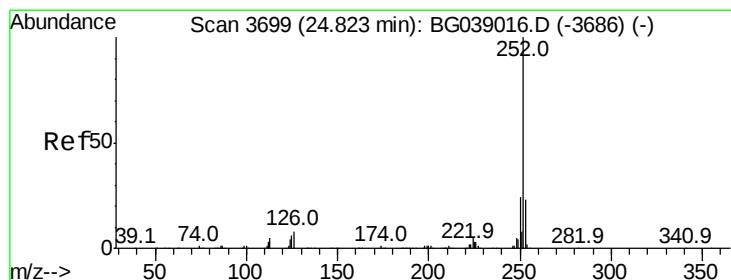
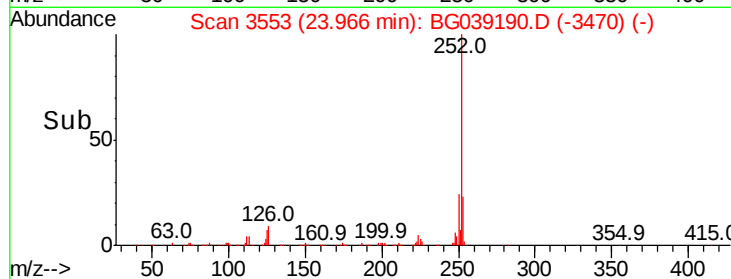
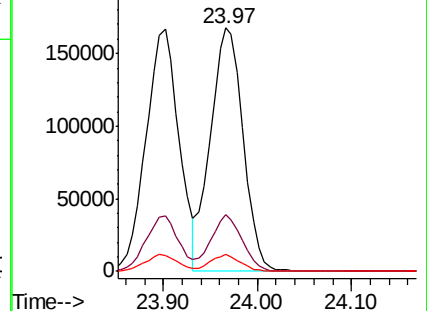
125 6.8 4.6 7.0



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: 37.862 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

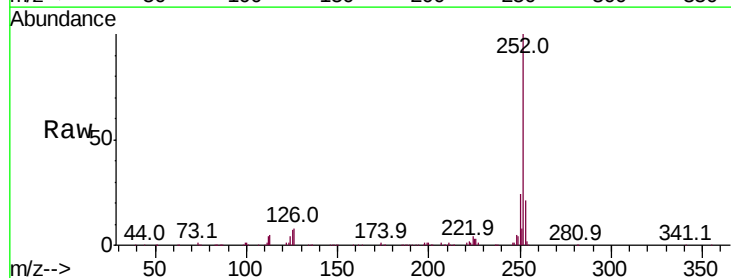
Tgt Ion:252 Resp: 367660

Ion Ratio Lower Upper

252 100

253 21.1 18.3 27.5

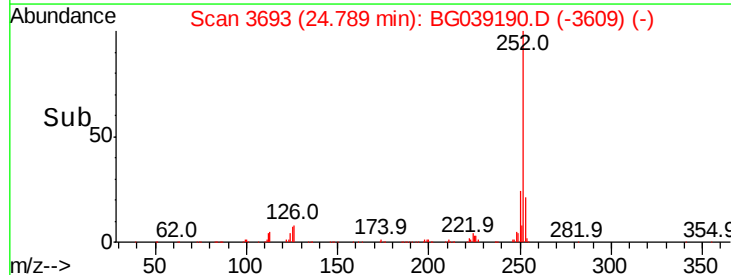
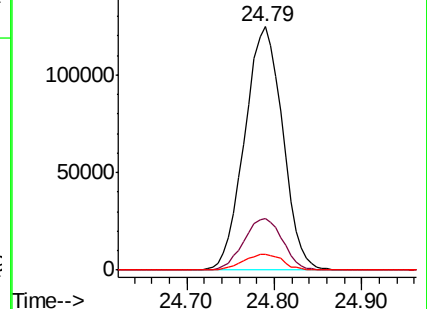
125 6.7 4.9 7.3

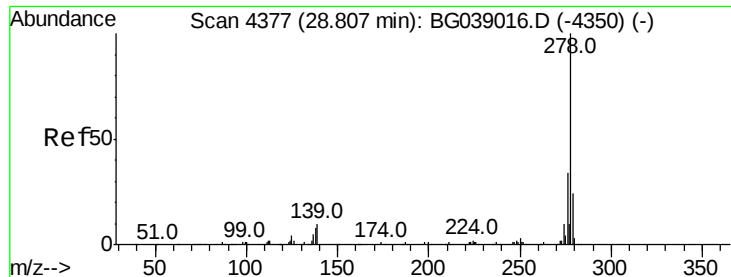


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.648 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.06 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

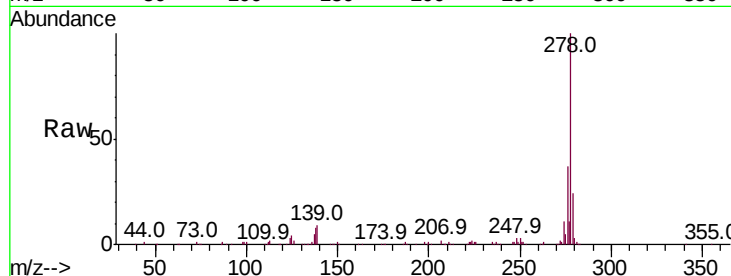
Tot Ion:278 Resp: 353971

Ion Ratio Lower Upper

278 100

139 8.6 7.9 11.9

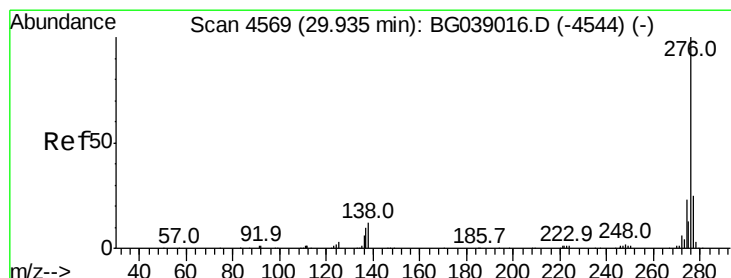
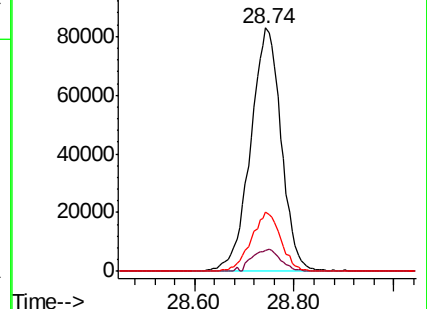
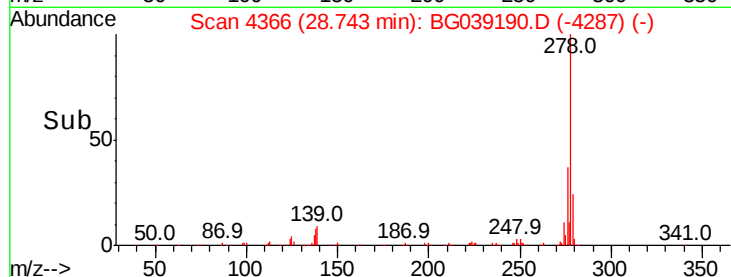
279 24.3 19.3 28.9



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: 37.914 ng

RT: 29.87 min Scan# 4557

Delta R.T. -0.07 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

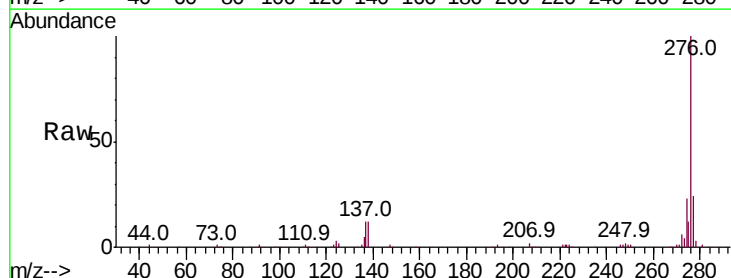
Tgt Ion:276 Resp: 362537

Ion Ratio Lower Upper

276 100

277 24.3 20.3 30.5

138 12.3 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

