

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039188.D
 Acq On : 17 Jan 2019 16:04
 Operator : JU/SJ
 Sample : PB116414BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

Quant Time: Jan 18 04:11:27 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	22093	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	82900	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	48735	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	135916	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	163640	20.00	ng	-0.03
87) Perylene-d12	24.94	264	175141	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	166893	143.30	ng	-0.01
7) Phenol-d6	7.18	99	195670	116.74	ng	-0.01
23) Nitrobenzene-d5	9.19	82	127802	84.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	105417	129.04	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	280606	78.80	ng	-0.01
79) Terphenyl-d14	20.01	244	689387	77.93	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	24391	53.480	ng	# 91
3) Pyridine	3.85	79	41511	33.497	ng	98
4) n-Nitrosodimethylamine	3.77	42	23472	42.090	ng	88
6) Aniline	7.34	93	54465	27.058	ng	97
8) 2-Chlorophenol	7.58	128	52950	38.569	ng	99
9) Benzaldehyde	7.16	77	14951	15.468	ng	96
10) Phenol	7.20	94	67758	40.323	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	44647	34.764	ng	99
12) 1,3-Dichlorobenzene	7.90	146	64524	39.228	ng	97
13) 1,4-Dichlorobenzene	8.05	146	65014	39.027	ng	98
14) 1,2-Dichlorobenzene	8.36	146	61396	38.654	ng	97
15) Benzyl Alcohol	8.26	79	49299	39.058	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	100141	40.663	ng	98
17) 2-Methylphenol	8.46	107	49941	42.801	ng	98
18) Hexachloroethane	9.09	117	22563	39.867	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	41756	37.938	ng	93
20) 3+4-Methylphenols	8.79	107	69112	41.544	ng	98
22) Acetophenone	8.85	105	86031	39.738	ng	# 96
24) Nitrobenzene	9.23	77	65021	42.461	ng	97
25) Isophorone	9.74	82	114826	44.000	ng	99
26) 2-Nitrophenol	9.94	139	32956	39.788	ng	99
27) 2,4-Dimethylphenol	9.99	122	55744	47.837	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	67700	43.165	ng	98
29) 2,4-Dichlorophenol	10.48	162	62867	43.427	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	66976	38.505	ng	98
31) Naphthalene	10.88	128	180410	43.391	ng	98
32) Benzoic acid	10.16	122	10917	21.682	ng	90
33) 4-Chloroaniline	11.00	127	35415	19.036	ng	96
34) Hexachlorobutadiene	11.14	225	45070	37.657	ng	98
35) Caprolactam	11.78	113	9317	16.050	ng	100
36) 4-Chloro-3-methylphenol	12.12	107	58973	38.087	ng	92
37) 2-Methylnaphthalene	12.48	142	119353	38.288	ng	98
38) 1-Methylnaphthalene	12.70	142	109900	36.730	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	72182	39.438	ng	98

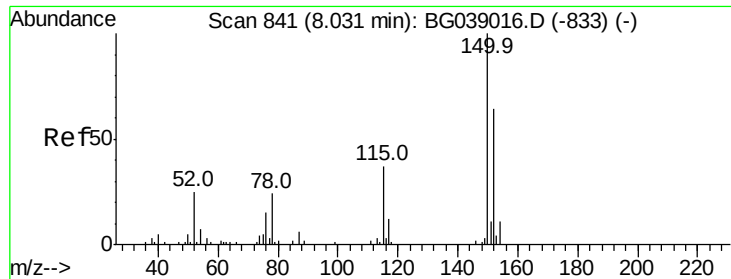
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039188.D
 Acq On : 17 Jan 2019 16:04
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	84159	81.525	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	46464	40.336	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	52374	43.018	ng	99
46) 1,1'-Biphenyl	13.49	154	150863	39.067	ng	97
47) 2-Chloronaphthalene	13.53	162	120457	38.547	ng	96
48) 2-Nitroaniline	13.75	65	34774	39.721	ng	95
49) Acenaphthylene	14.38	152	196669	41.871	ng	100
50) Dimethylphthalate	14.10	163	164430	39.926	ng	99
51) 2,6-Dinitrotoluene	14.24	165	36448	39.585	ng	98
52) Acenaphthene	14.72	154	117819	41.749	ng	96
53) 3-Nitroaniline	14.58	138	24327	26.045	ng	# 93
54) 2,4-Dinitrophenol	14.79	184	41407	75.540	ng	98
55) Dibenzofuran	15.06	168	197681	39.662	ng	99
56) 4-Nitrophenol	14.89	139	57155	85.043	ng	96
57) 2,4-Dinitrotoluene	15.03	165	53444	40.458	ng	96
58) Fluorene	15.70	166	154665	41.226	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48686	42.362	ng	99
60) Diethylphthalate	15.46	149	165283	38.953	ng	100
61) 4-Chlorophenyl-phenylether	15.69	204	88688	37.523	ng	98
62) 4-Nitroaniline	15.74	138	36307	37.313	ng	93
63) Azobenzene	15.98	77	129296	38.965	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33578	33.346	ng	99
66) n-Nitrosodiphenylamine	15.91	169	144572	35.881	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	63304	36.233	ng	98
68) Hexachlorobenzene	16.70	284	67533	35.423	ng	98
69) Atrazine	16.85	200	65592	38.320	ng	95
70) Pentachlorophenol	17.05	266	66260	57.974	ng	99
71) Phenanthrene	17.45	178	294975	41.059	ng	97
72) Anthracene	17.54	178	302352	42.566	ng	100
73) Carbazole	17.81	167	277660	39.597	ng	99
74) Di-n-butylphthalate	18.34	149	345001	44.227	ng	99
75) Fluoranthene	19.46	202	429689	48.247	ng	100
77) Benzidine	19.65	184	157307	31.429	ng	98
78) Pyrene	19.82	202	438763	42.073	ng	99
80) Butylbenzylphthalate	20.69	149	163102	41.121	ng	97
81) Benzo(a)anthracene	21.66	228	431087	43.275	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	97946	24.132	ng	96
83) Chrysene	21.72	228	391556	41.328	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	225279	40.905	ng	97
85) Di-n-octyl phthalate	22.74	149	389605	41.837	ng	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	482166	42.591	ng	99
88) Benzo(b)fluoranthene	23.90	252	437944	45.349	ng	99
89) Benzo(k)fluoranthene	23.98	252	424415	44.449	ng	99
90) Benzo(a)pyrene	24.79	252	420248	45.021	ng	99
91) Dibenzo(a,h)anthracene	28.74	278	397953	42.861	ng	99
92) Benzo(g,h,i)perylene	29.87	276	409784	44.582	ng	96

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

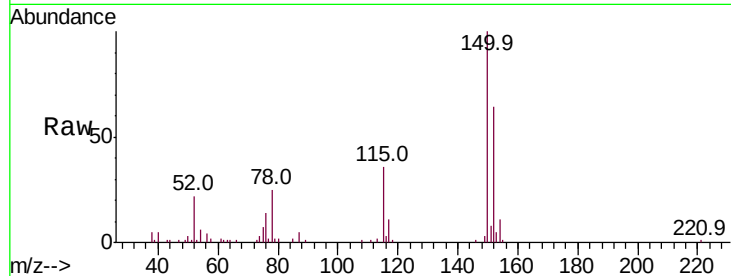


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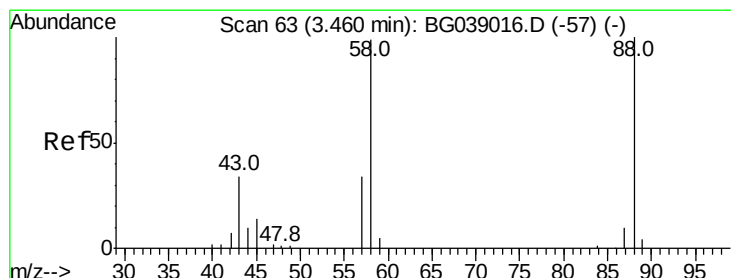
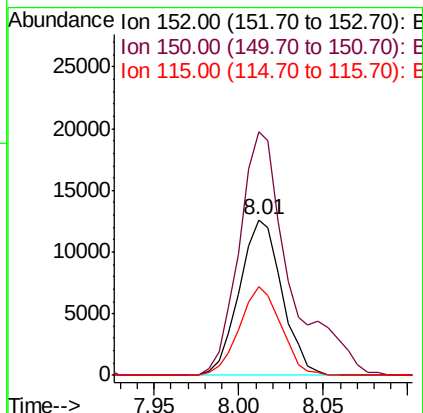
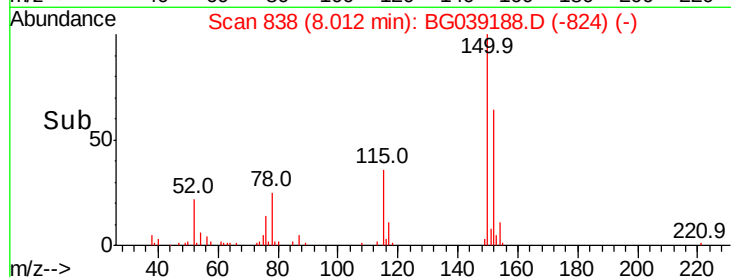
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:152 Resp: 22093
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 56.9 46.5 69.7



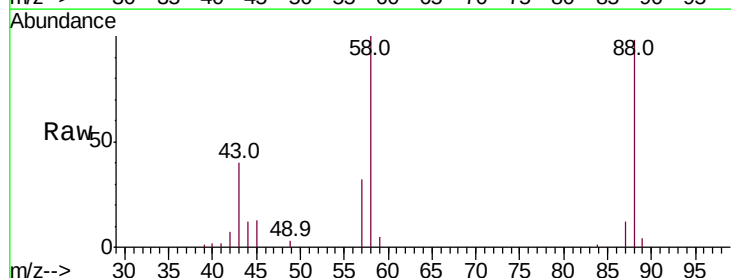
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



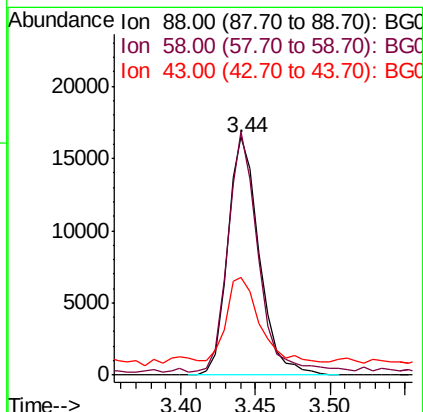
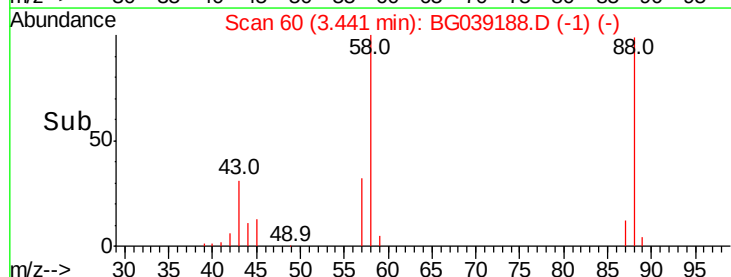
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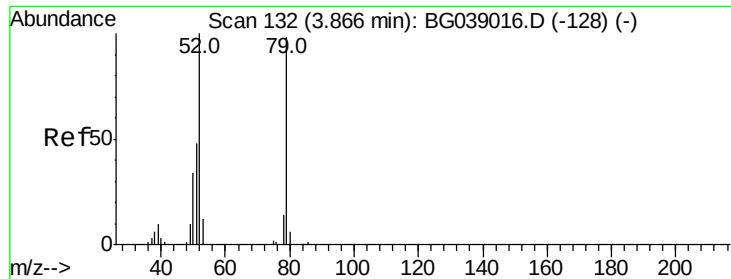
1,4-Dioxane
Concen: 53.480 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion: 88 Resp: 24391
Ion Ratio Lower Upper
88 100
58 97.8 72.4 108.6
43 41.6 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: 33.497 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

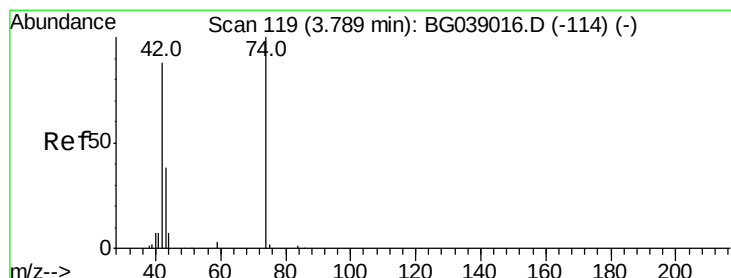
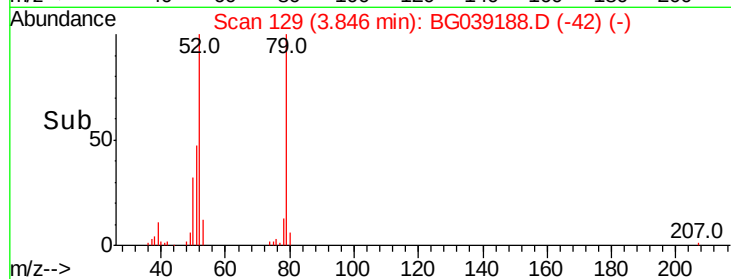
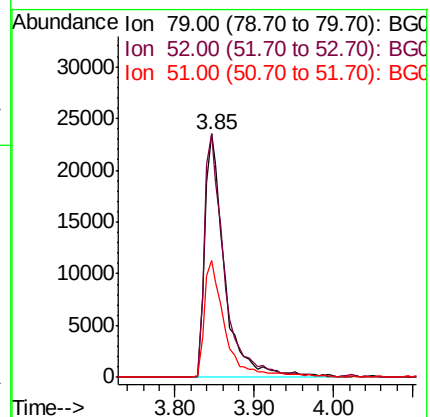
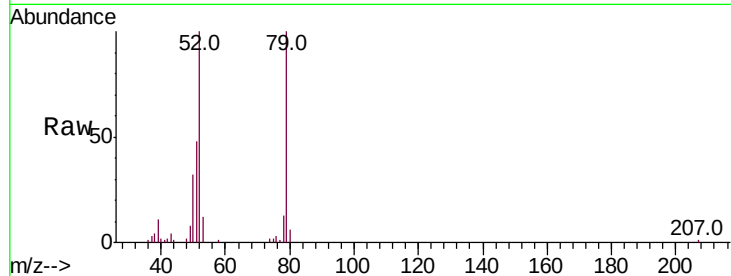
Tot Ion: 79 Resp: 41511

Ion Ratio Lower Upper

79 100

52 99.9 81.5 122.3

51 48.1 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 42.090 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

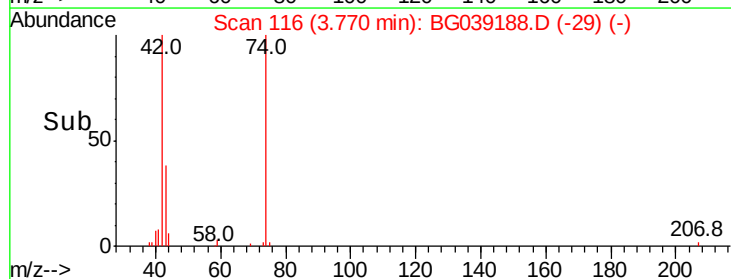
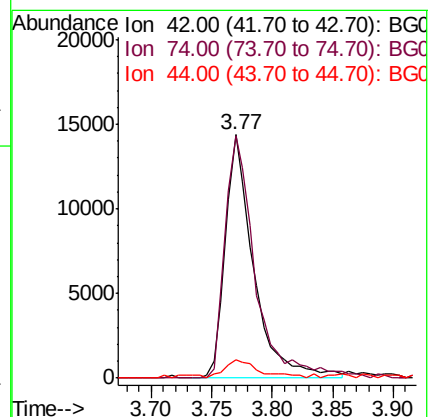
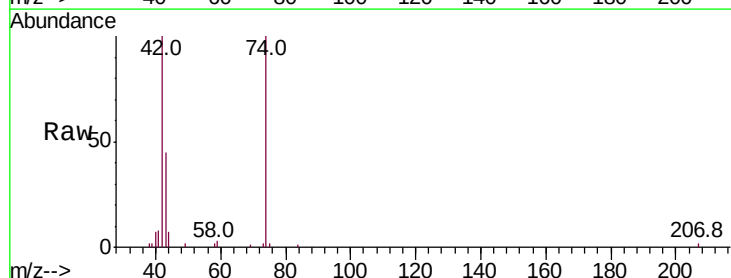
Tgt Ion: 42 Resp: 23472

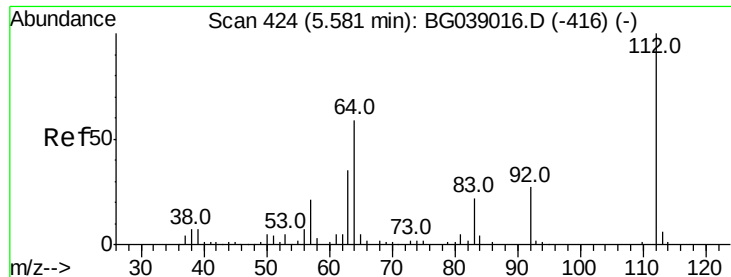
Ion Ratio Lower Upper

42 100

74 99.7 90.7 136.1

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 143.300 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

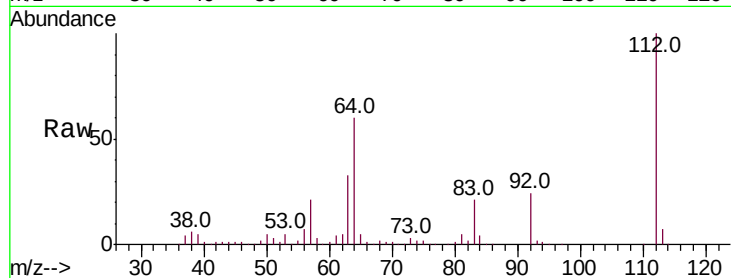
Tot Ion:112 Resp: 166893

Ion Ratio Lower Upper

112 100

64 59.8 47.0 70.6

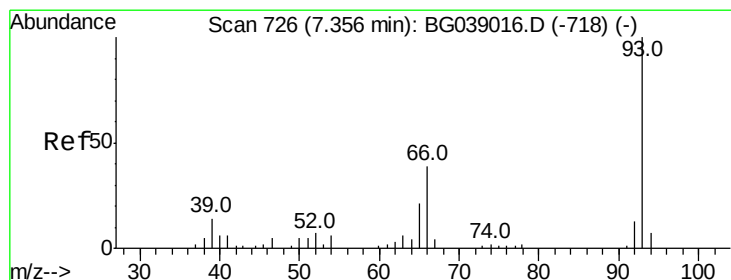
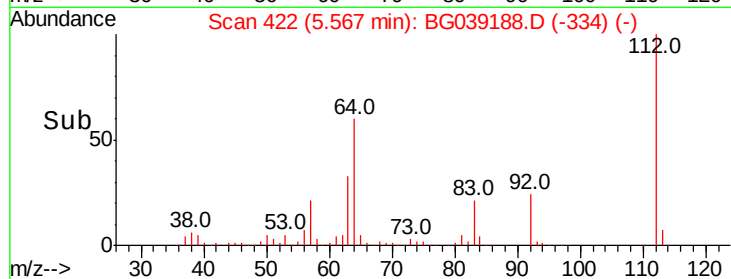
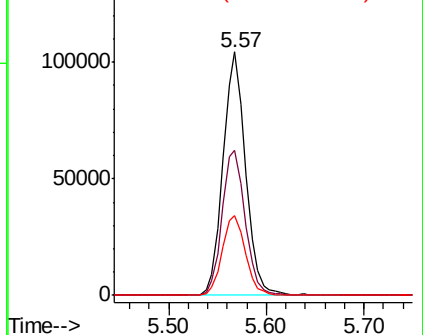
63 32.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.058 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

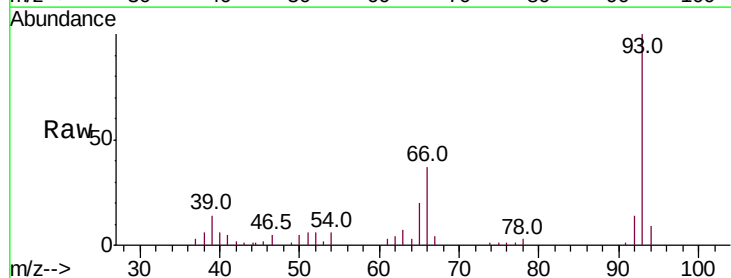
Tgt Ion: 93 Resp: 54465

Ion Ratio Lower Upper

93 100

66 36.6 30.9 46.3

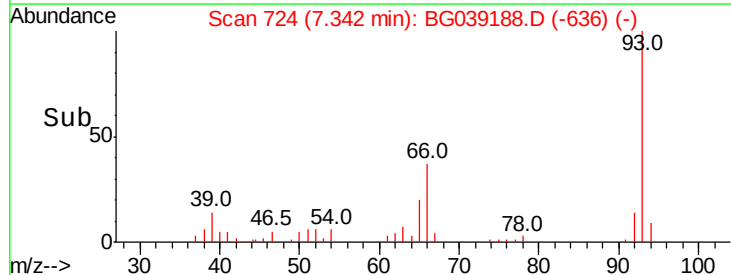
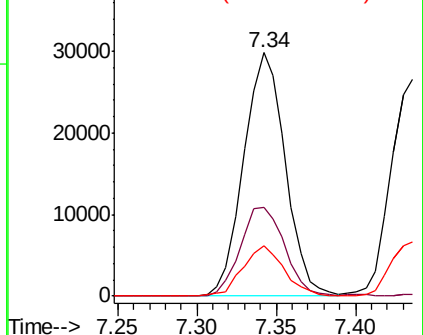
65 20.4 17.0 25.4

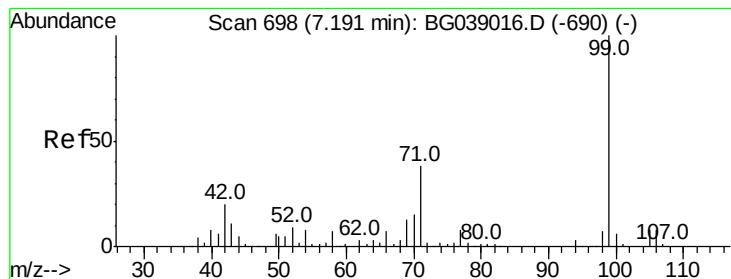


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.743 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

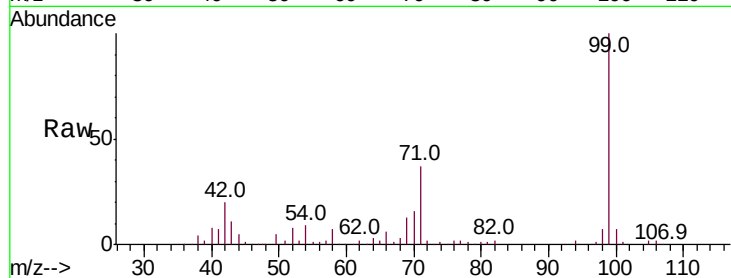
Tot Ion: 99 Resp: 195670

Ion Ratio Lower Upper

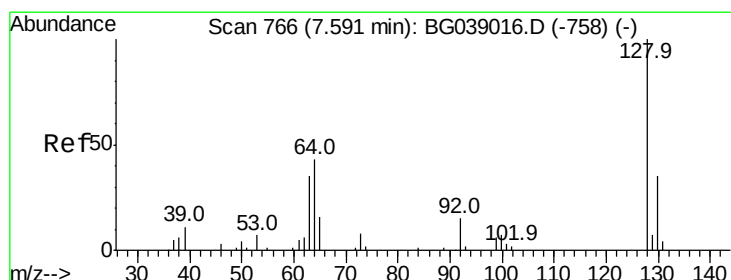
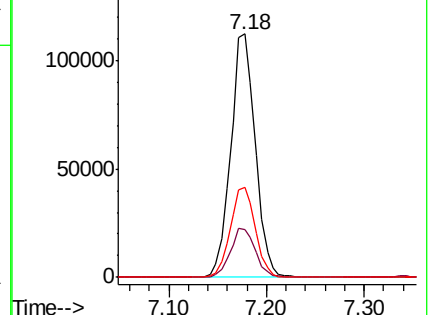
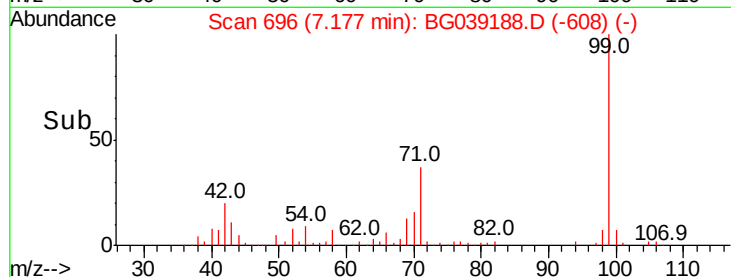
99 100

42 19.7 15.8 23.6

71 37.0 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.569 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

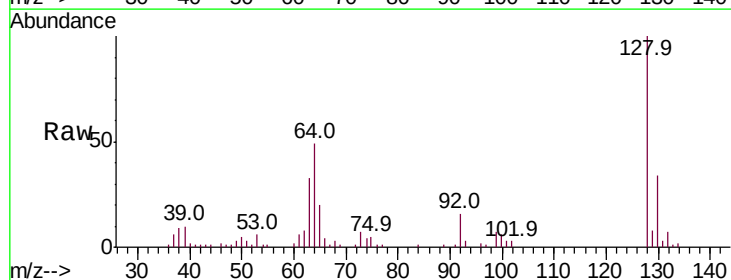
Tgt Ion: 128 Resp: 52950

Ion Ratio Lower Upper

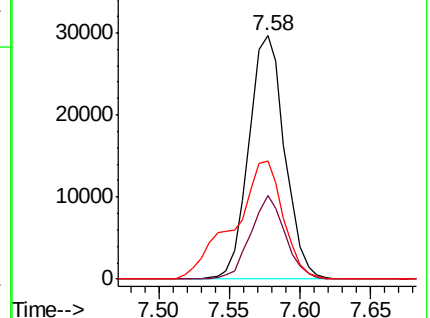
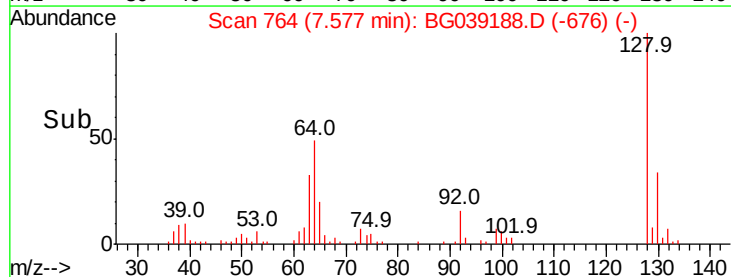
128 100

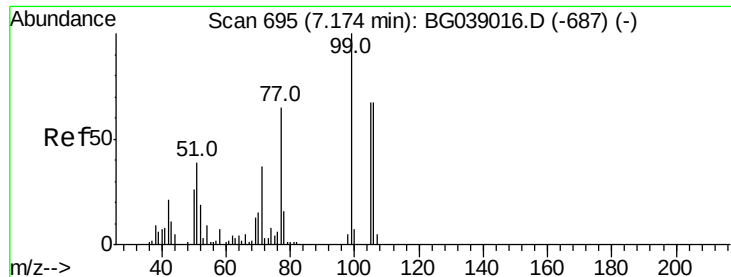
130 34.2 14.5 54.5

64 48.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 15.468 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

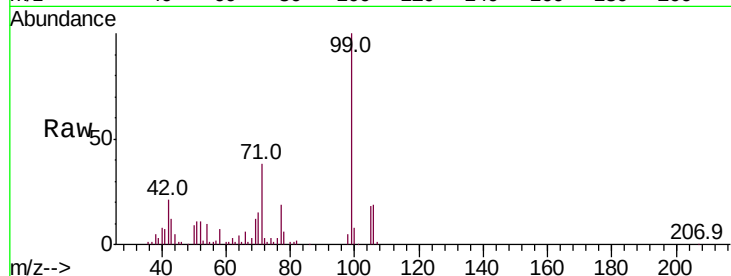
Tot Ion: 77 Resp: 14951

Ion Ratio Lower Upper

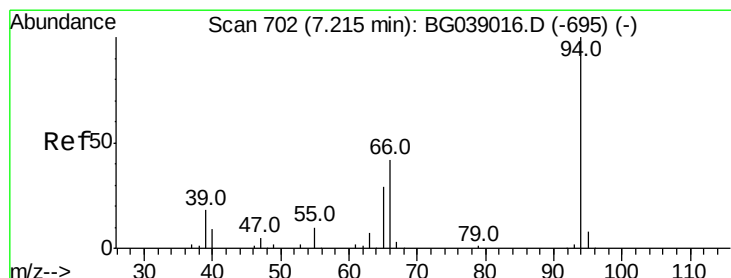
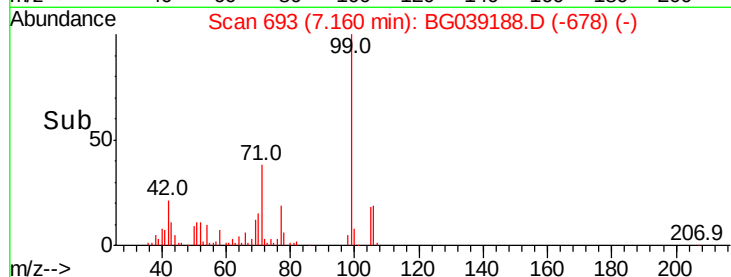
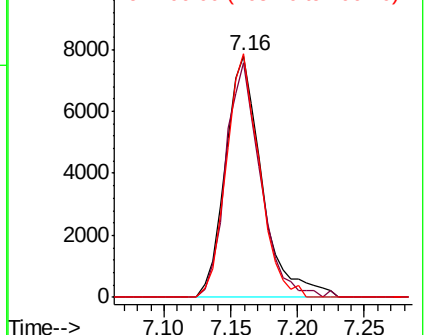
77 100

105 97.2 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: 40.323 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

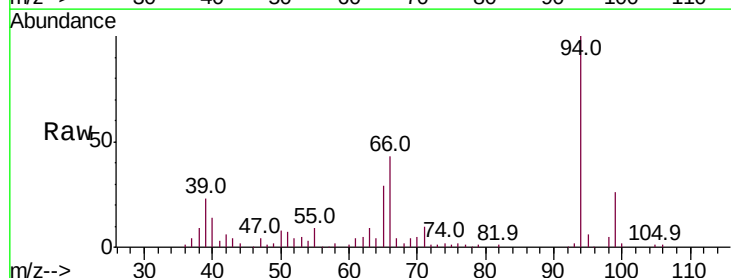
Tgt Ion: 94 Resp: 67758

Ion Ratio Lower Upper

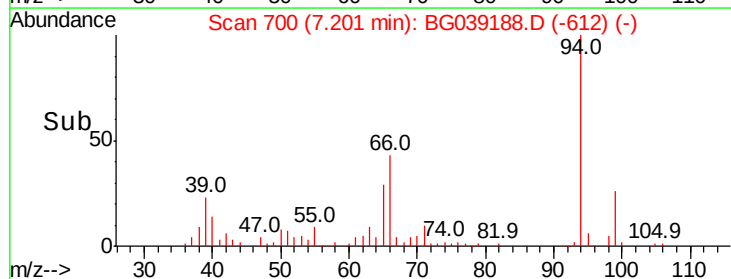
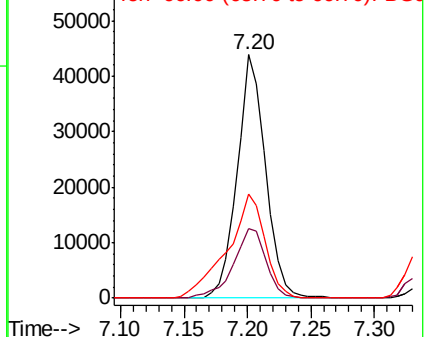
94 100

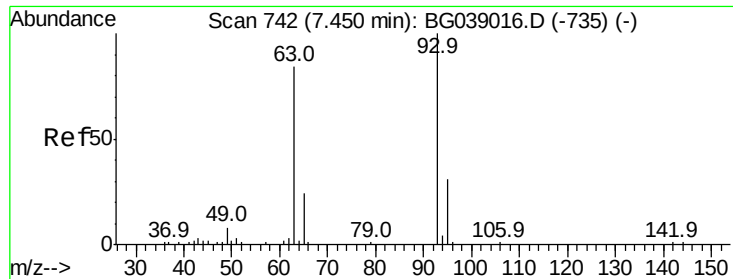
65 28.8 10.3 50.3

66 42.7 25.1 65.1



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

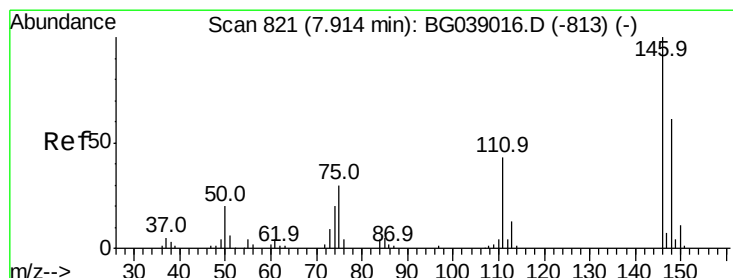
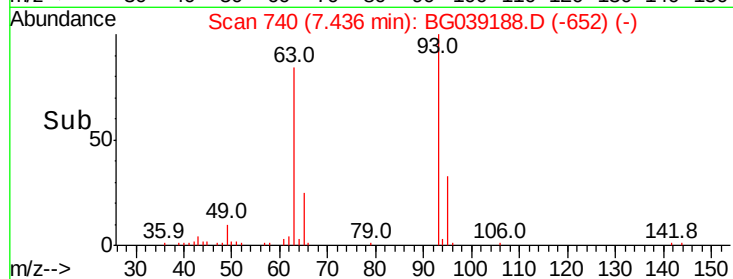
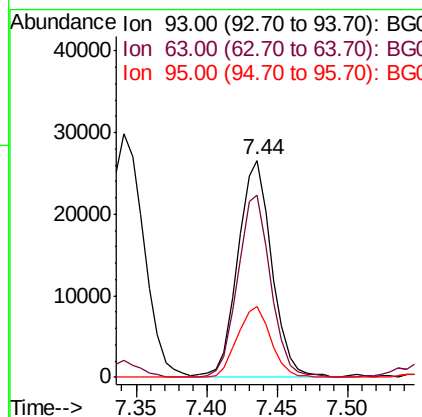
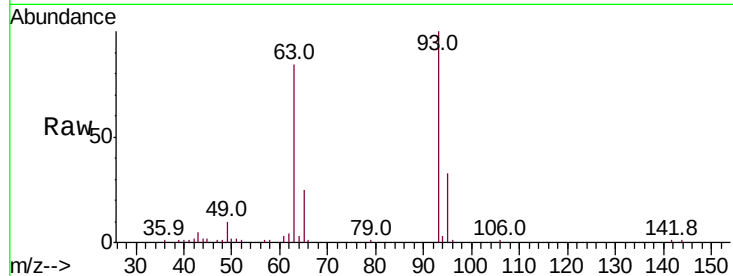




#11
 bis(2-Chloroethyl)ether
 Concen: 34.764 ng
 RT: 7.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

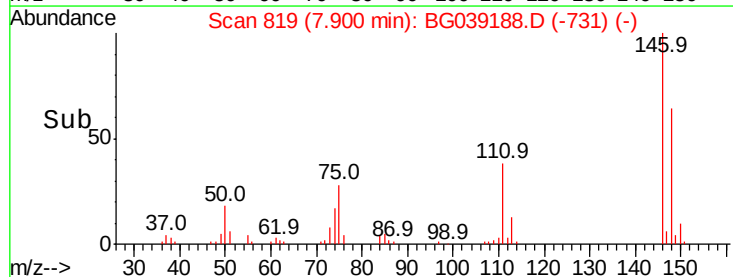
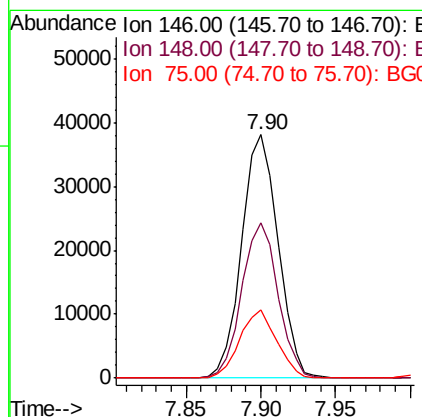
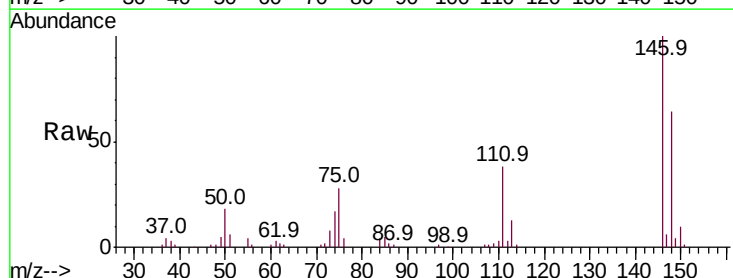
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

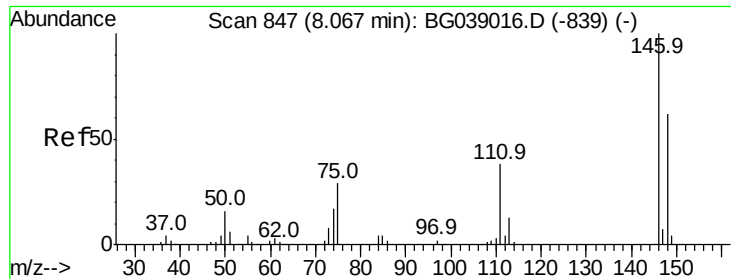
Tot Ion:	93	Resp:	44647
Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.2	103.2
95	32.8	11.2	51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.228 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:	146	Resp:	64524
Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.1	73.7
75	28.1	23.9	35.9

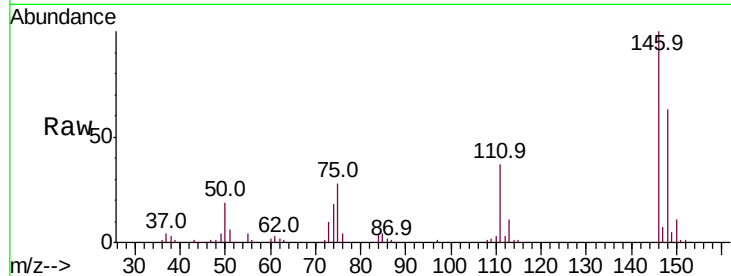




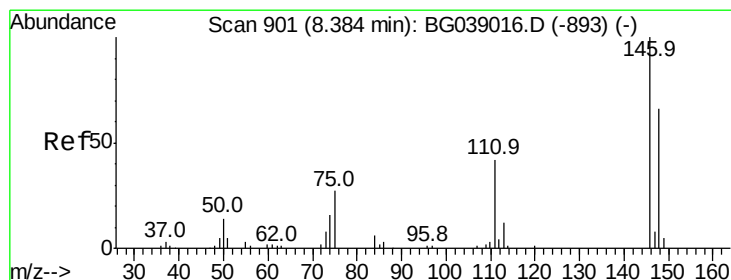
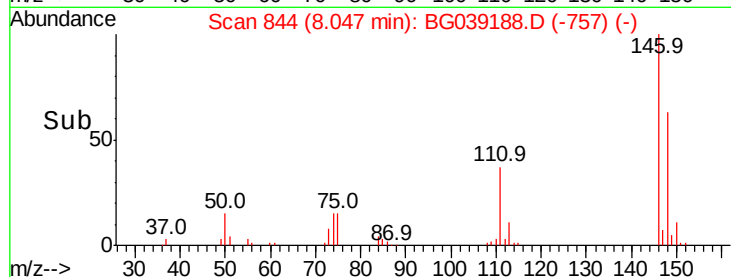
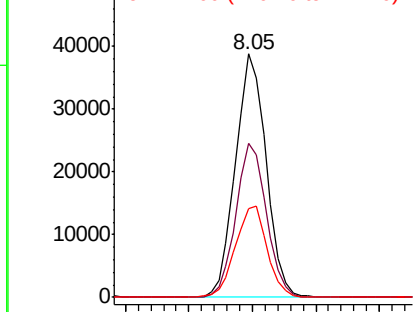
#13
 1,4-Dichlorobenzene
 Concen: 39.027 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

Tot Ion:146 Resp: 65014
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.6
 111 36.5 30.6 45.8

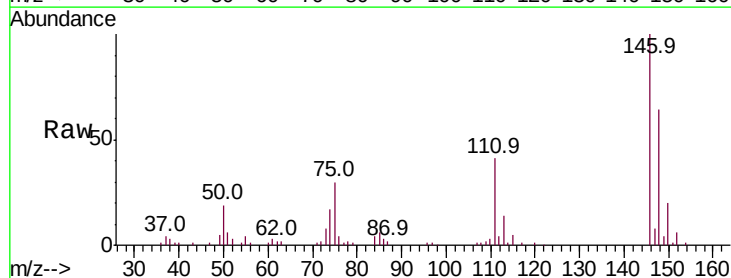


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

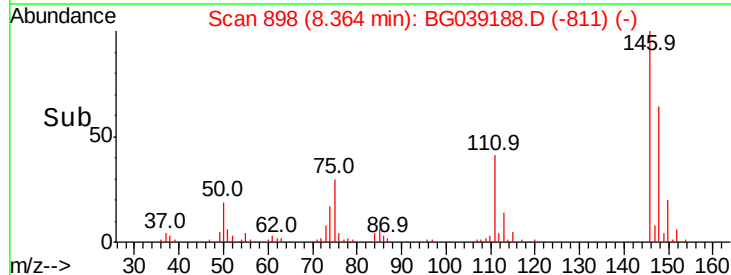
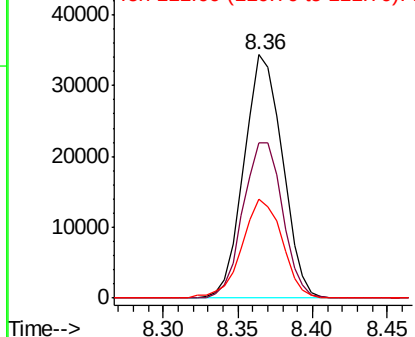


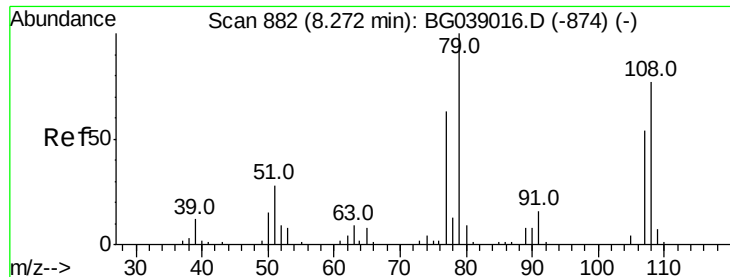
#14
 1,2-Dichlorobenzene
 Concen: 38.654 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:146 Resp: 61396
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 79.0
 111 40.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 39.058 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

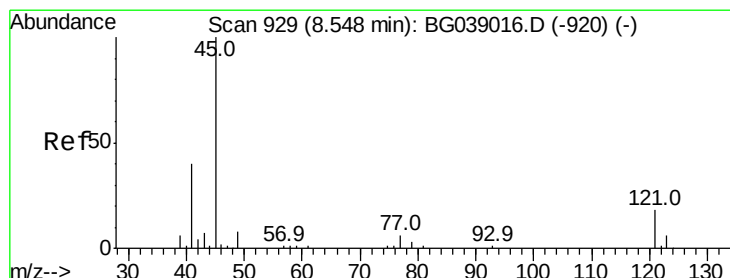
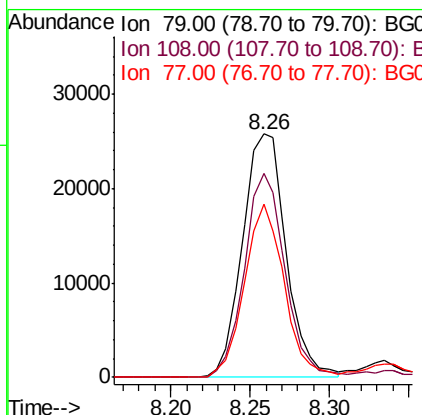
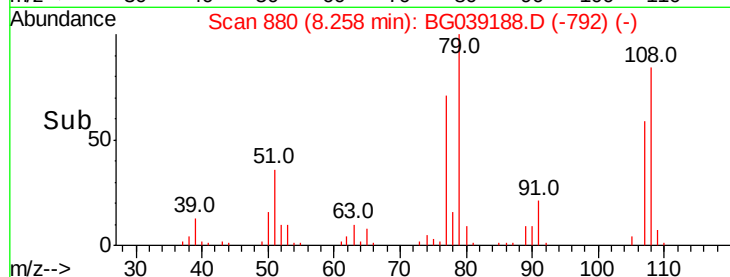
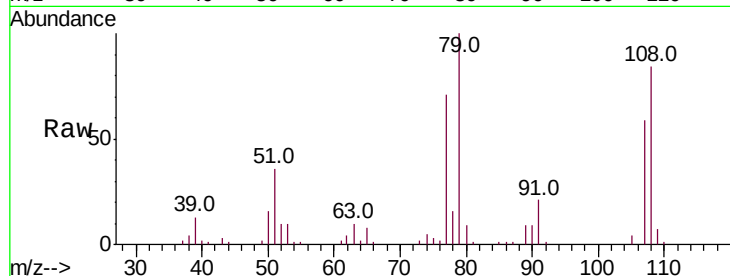
Tot Ion: 79 Resp: 49299

Ion Ratio Lower Upper

79 100

108 83.8 62.0 93.0

77 71.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.663 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

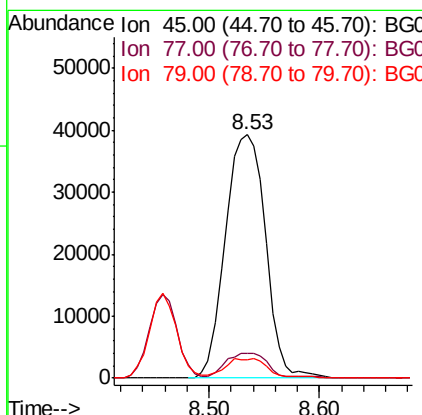
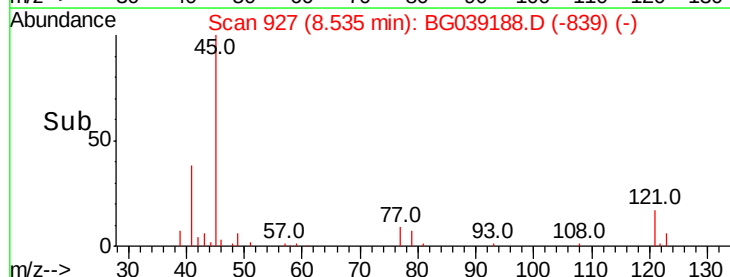
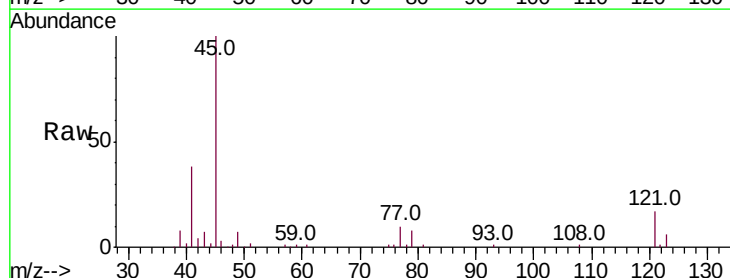
Tgt Ion: 45 Resp: 100141

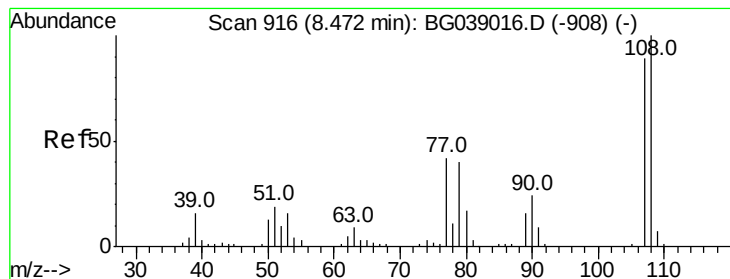
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.7

79 7.8 0.0 28.5

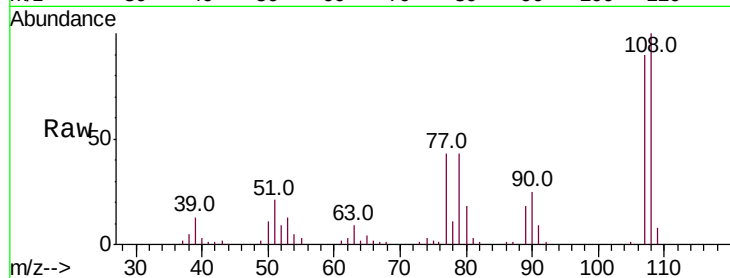




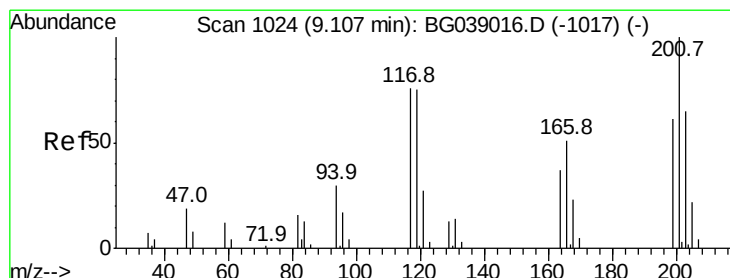
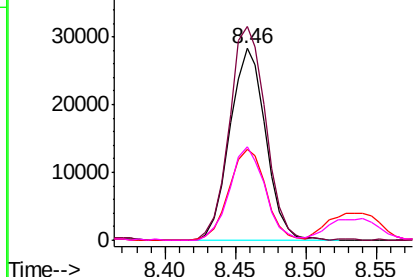
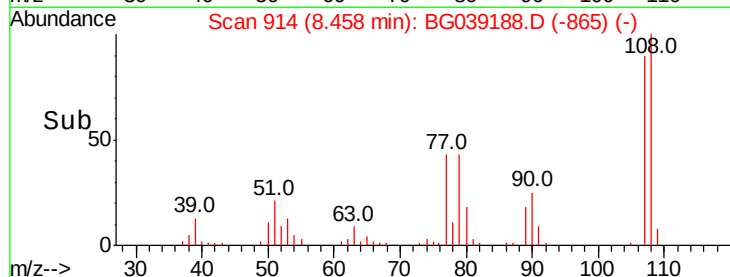
#17
2-Methylphenol
Concen: 42.801 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:107 Resp: 49941
Ion Ratio Lower Upper
107 100
108 111.6 90.3 135.5
77 47.6 38.3 57.5
79 48.5 35.8 53.6

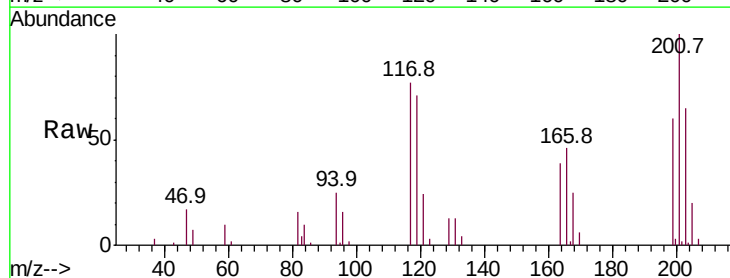


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

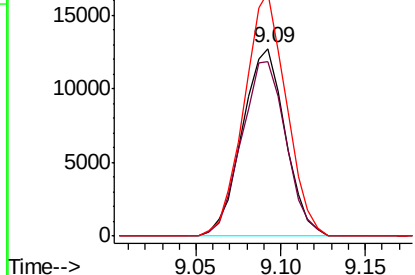
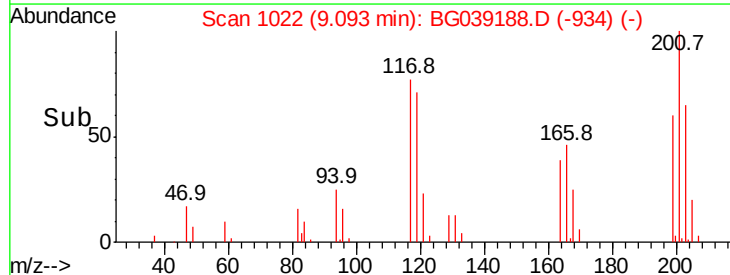


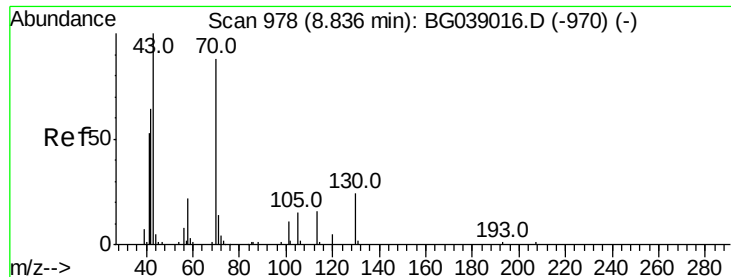
#18
Hexachloroethane
Concen: 39.867 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:117 Resp: 22563
Ion Ratio Lower Upper
117 100
119 92.8 78.7 118.1
201 132.9 108.1 162.1



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: 37.938 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

Tot Ion: 70 Resp: 41756

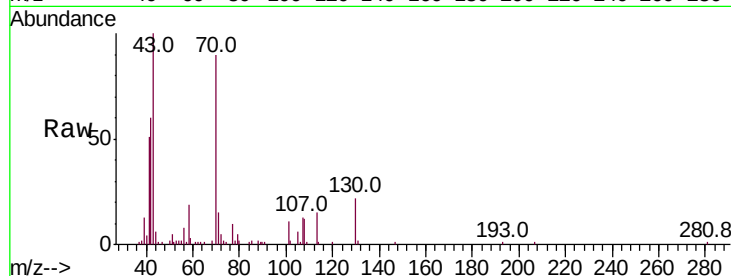
Ion Ratio Lower Upper

70 100

42 66.7 59.0 88.4

101 11.8 10.4 15.6

130 24.9 21.6 32.4

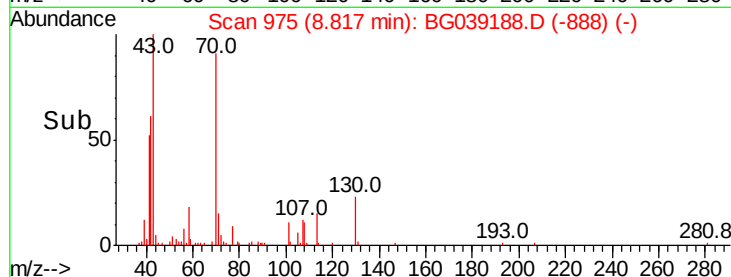
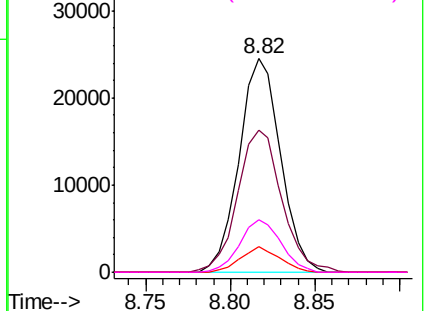


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.544 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion: 107 Resp: 69112

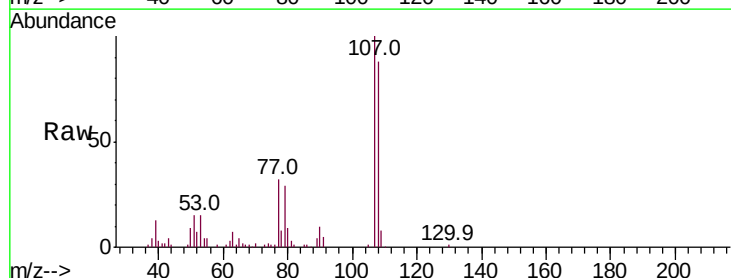
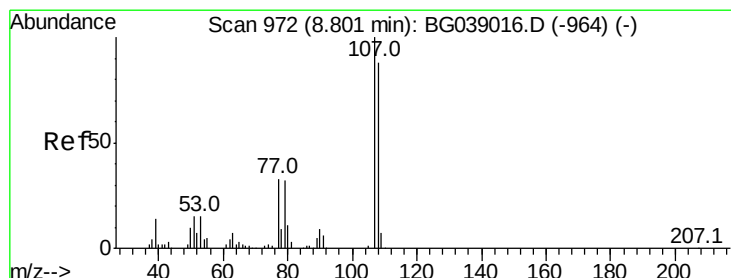
Ion Ratio Lower Upper

107 100

108 87.6 68.4 108.4

77 32.3 13.3 53.3

79 28.9 11.6 51.6

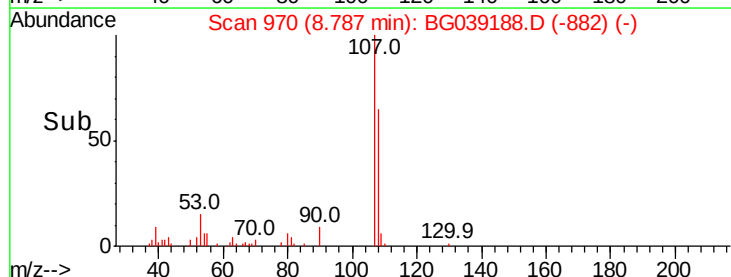
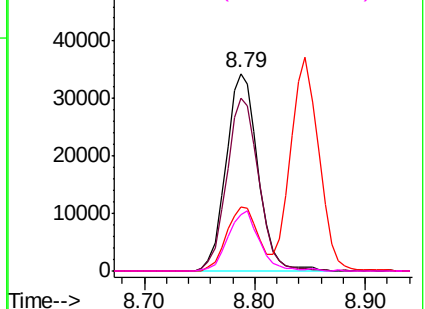


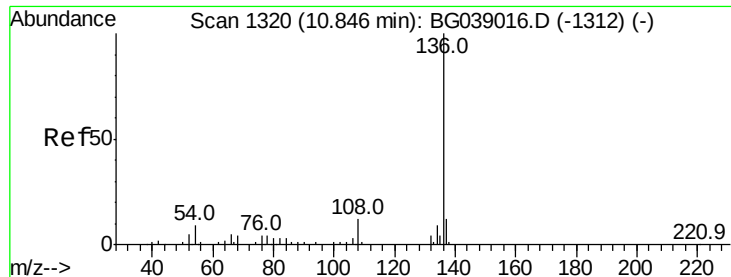
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

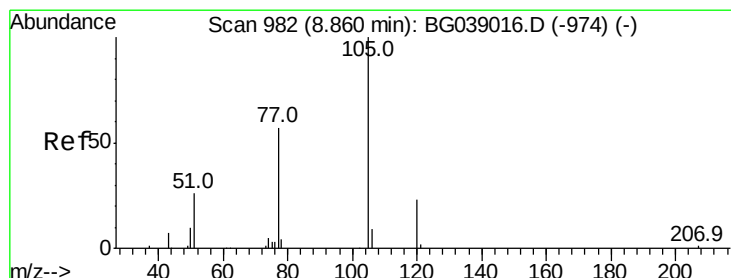
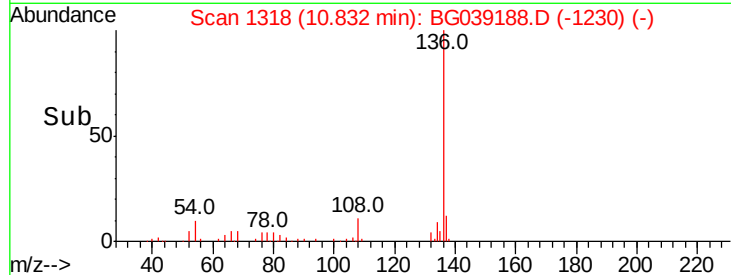
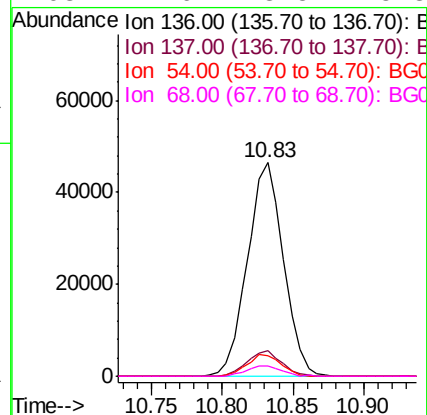
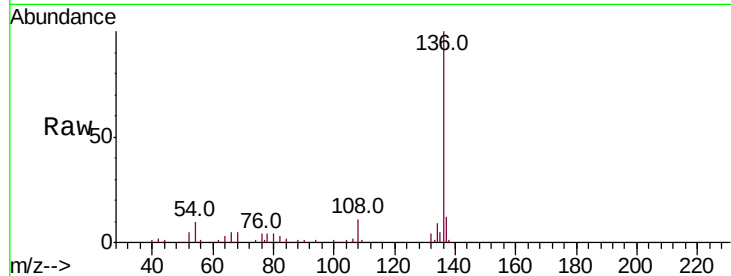




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

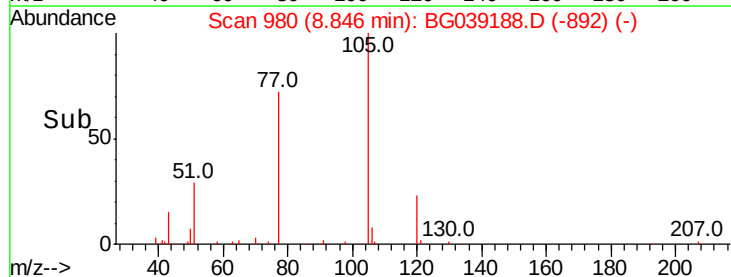
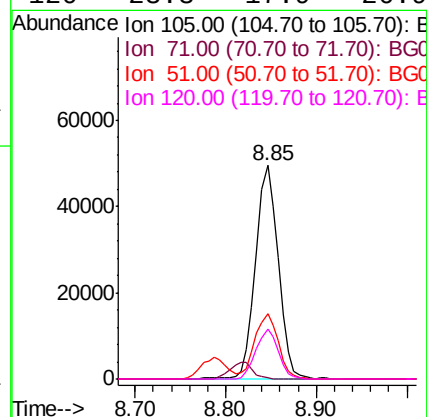
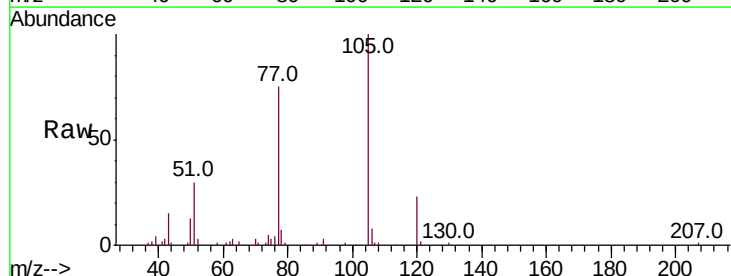
Instrument :
BNA_G
ClientSampleId :
PB116414BS

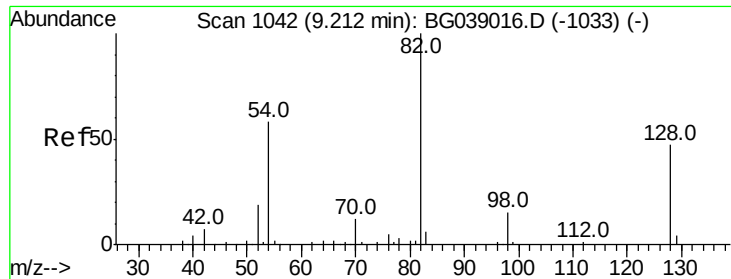
Tot Ion:136	Resp:	82900
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.4 14.2
54	9.6	7.2 10.8
68	4.6	3.5 5.3



#22
Acetophenone
Concen: 39.738 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:105	Resp:	86031
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	30.3	26.6 39.8
120	23.3	17.9 26.9

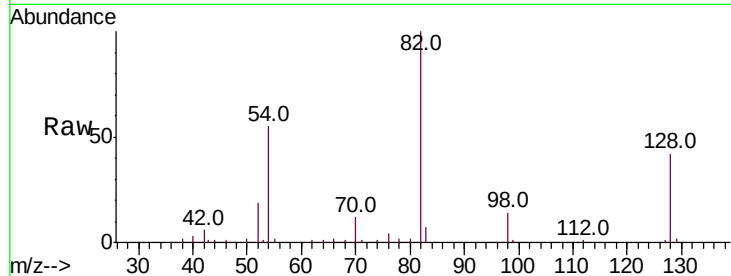




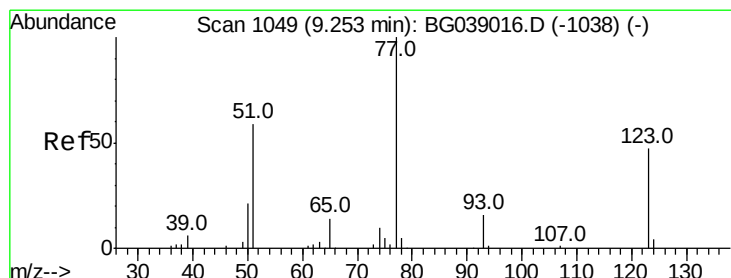
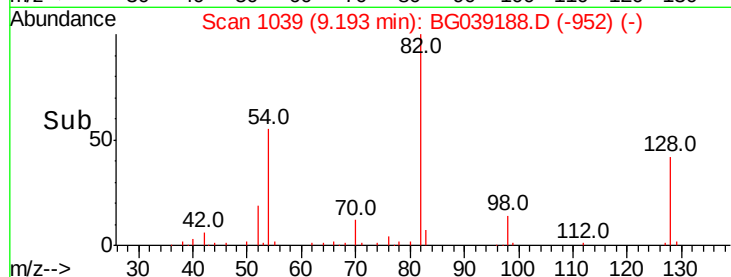
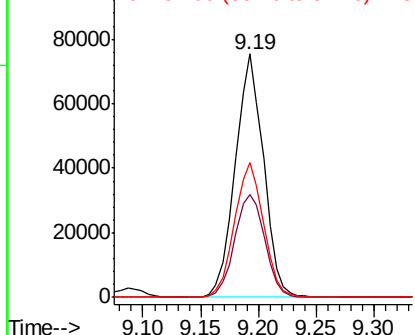
#23
Nitrobenzene-d5
Concen: 84.358 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion: 82 Resp: 127802
Ion Ratio Lower Upper
82 100
128 42.2 37.3 55.9
54 55.1 46.4 69.6

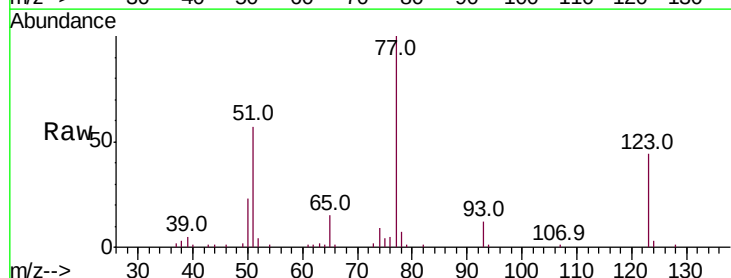


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

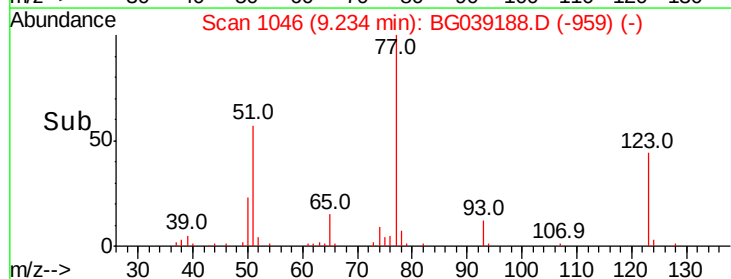
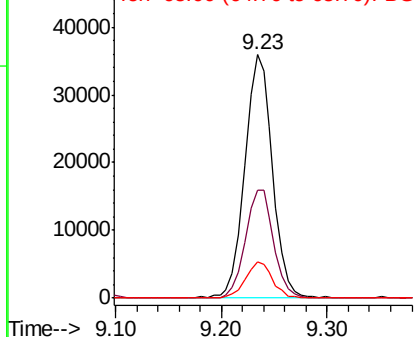


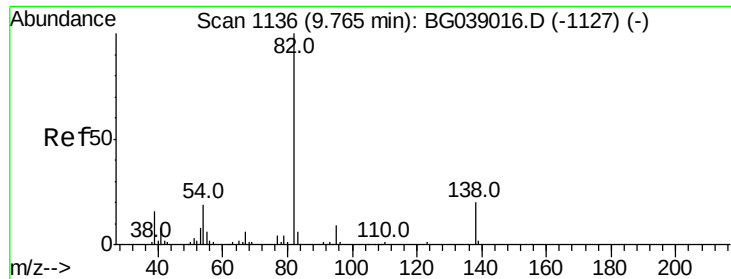
#24
Nitrobenzene
Concen: 42.461 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion: 77 Resp: 65021
Ion Ratio Lower Upper
77 100
123 44.5 37.6 56.4
65 14.7 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: 44.000 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

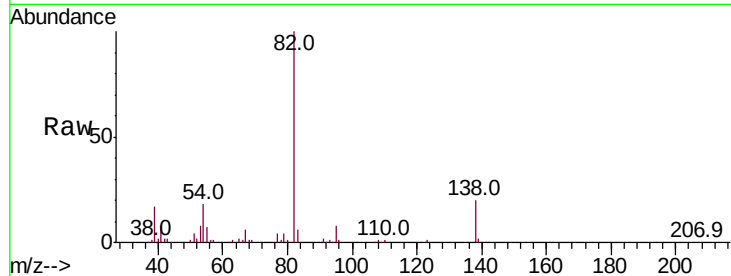
Tot Ion: 82 Resp: 114826

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.6

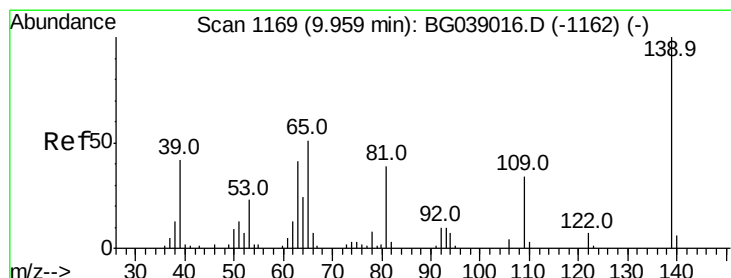
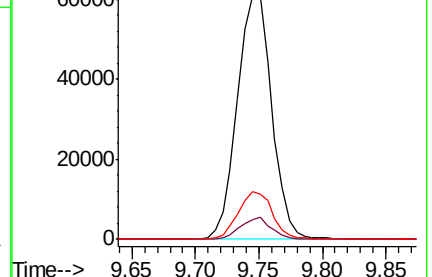
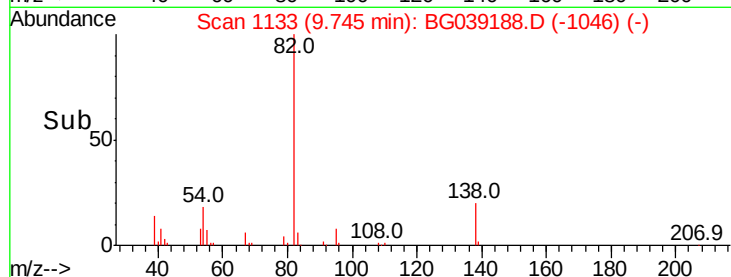
138 19.7 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BG039188.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BG039188.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BG039188.D (-1046) (-)



#26

2-Nitrophenol

Concen: 39.788 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

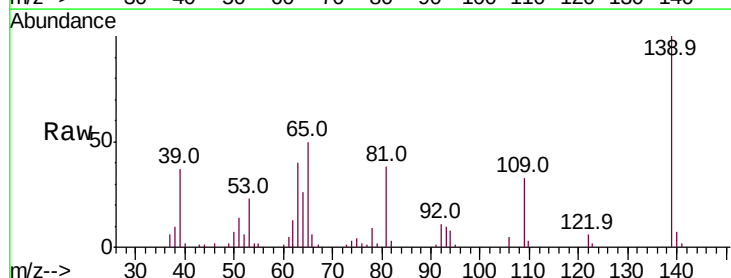
Tgt Ion: 139 Resp: 32956

Ion Ratio Lower Upper

139 100

109 33.3 27.3 40.9

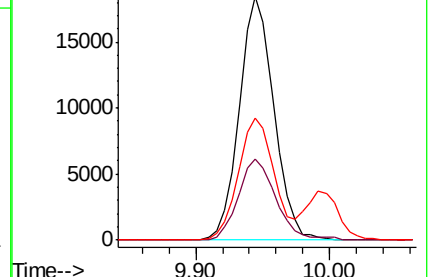
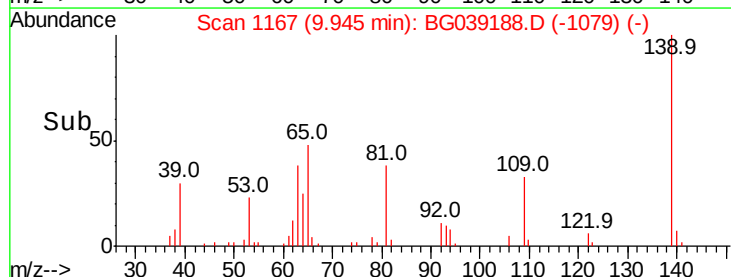
65 50.3 40.6 61.0

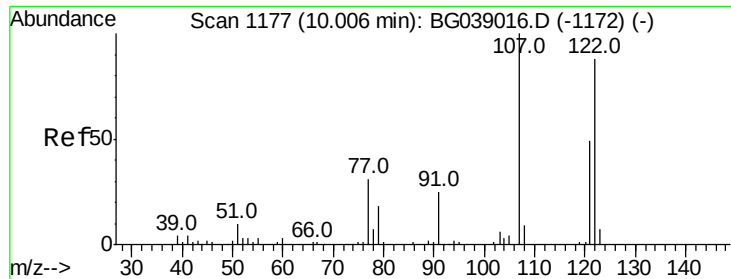


Abundance Ion 139.00 (138.70 to 139.70): BG039188.D (-1079) (-)

Ion 109.00 (108.70 to 109.70): BG039188.D (-1079) (-)

Ion 65.00 (64.70 to 65.70): BG039188.D (-1079) (-)





#27

2,4-Dimethylphenol

Concen: 47.837 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

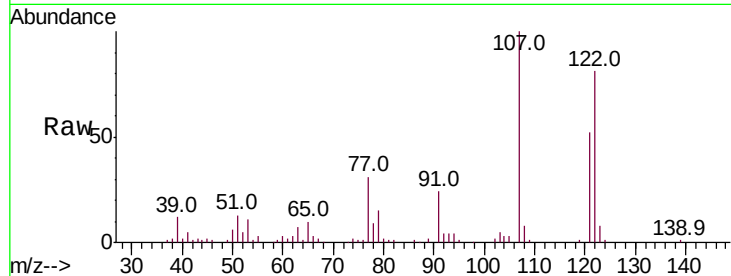
Tot Ion:122 Resp: 55744

Ion Ratio Lower Upper

122 100

107 123.5 88.8 133.2

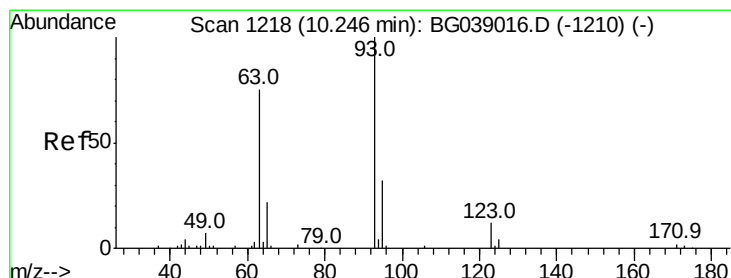
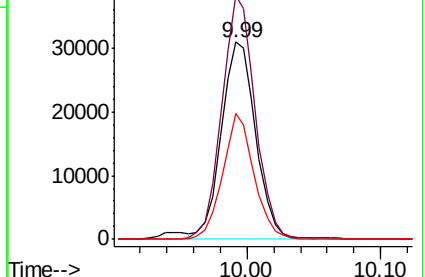
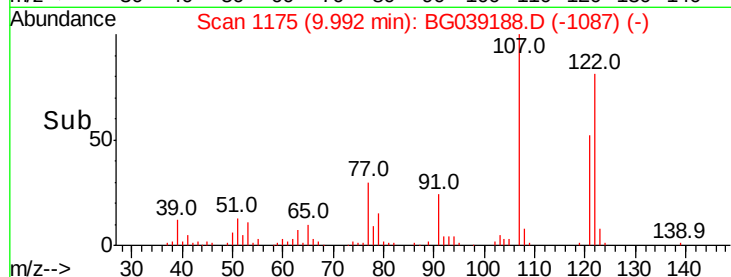
121 64.0 43.1 64.7



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: 43.165 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

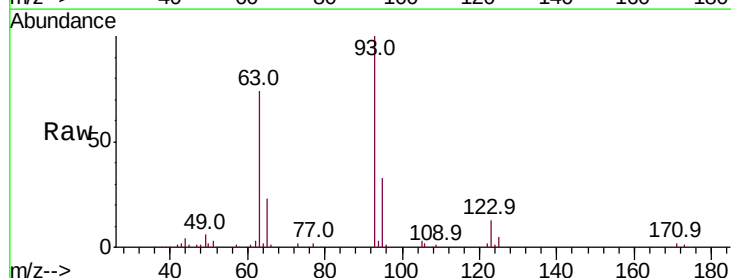
Tgt Ion: 93 Resp: 67700

Ion Ratio Lower Upper

93 100

95 33.5 25.6 38.4

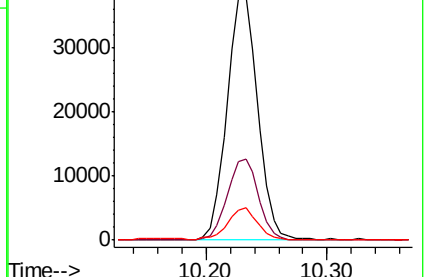
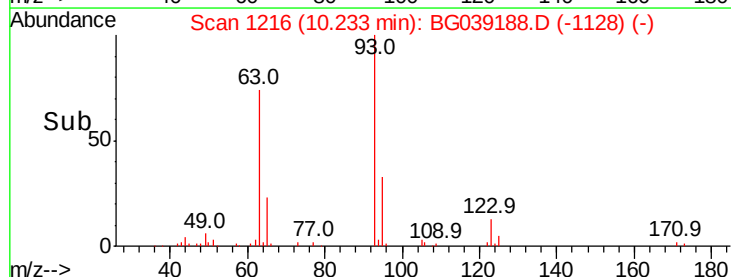
123 13.3 10.1 15.1

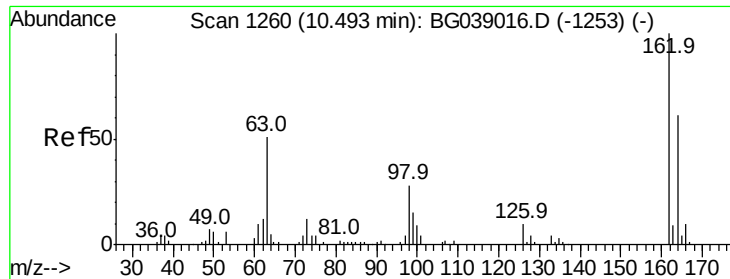


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

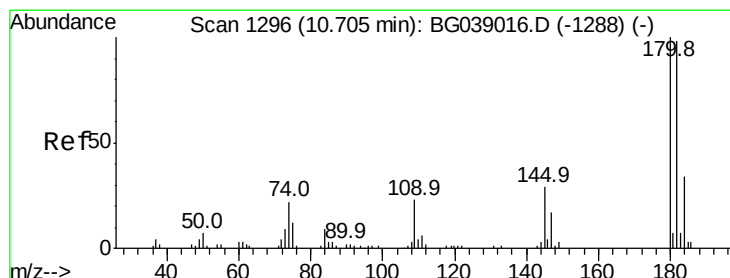
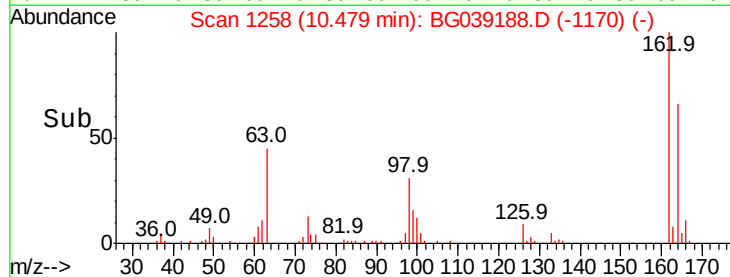
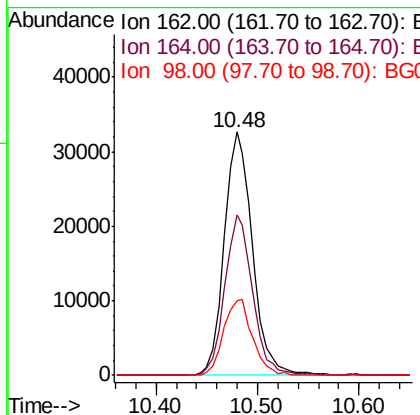
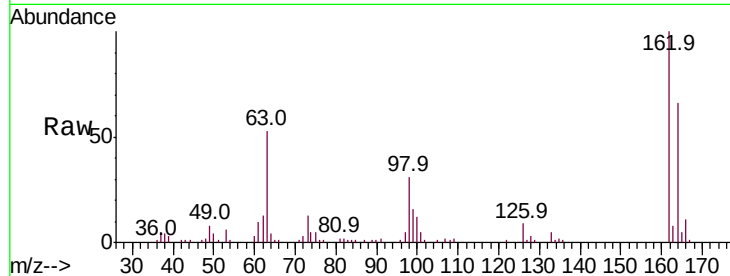




#29
 2,4-Dichlorophenol
 Concen: 43.427 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

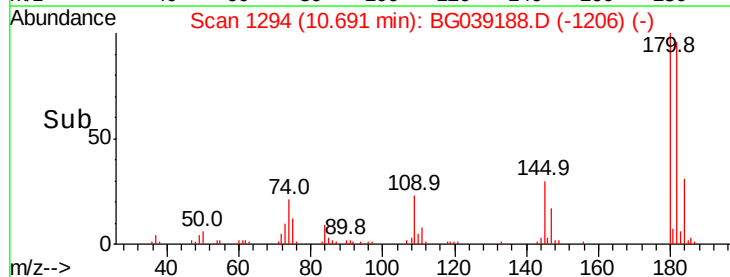
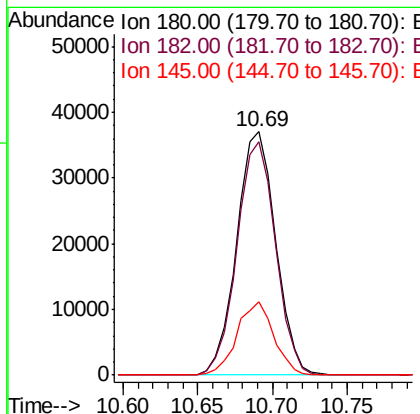
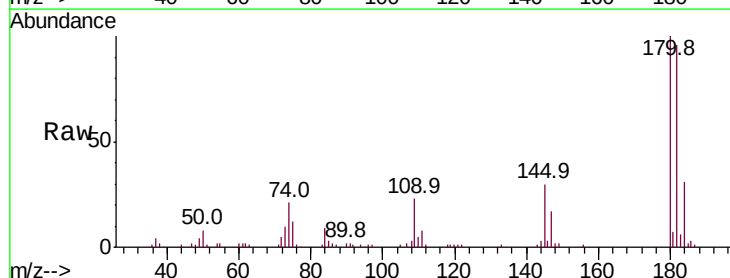
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

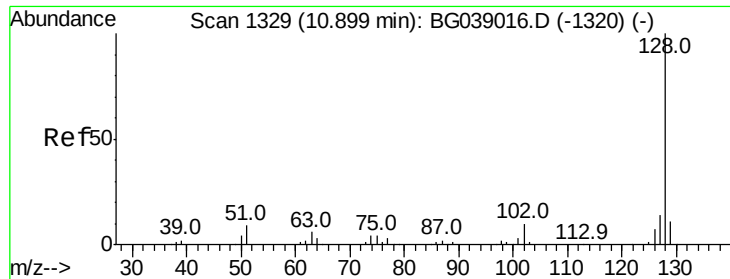
Tot Ion:162 Resp: 62867
 Ion Ratio Lower Upper
 162 100
 164 66.1 41.3 81.3
 98 30.6 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.505 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:180 Resp: 66976
 Ion Ratio Lower Upper
 180 100
 182 95.9 78.1 117.1
 145 30.1 23.1 34.7

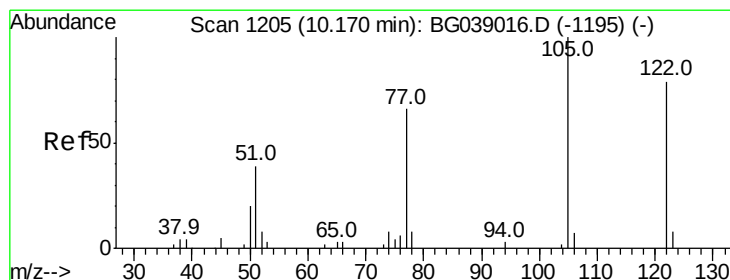
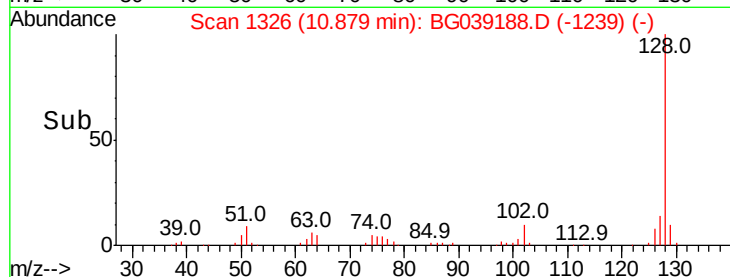
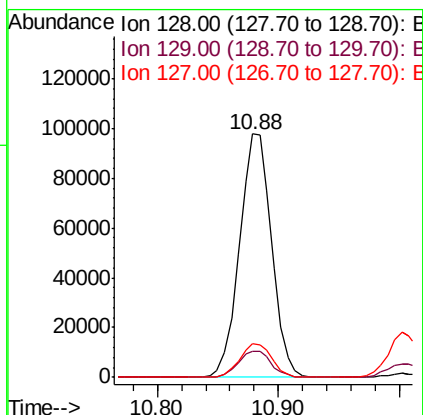
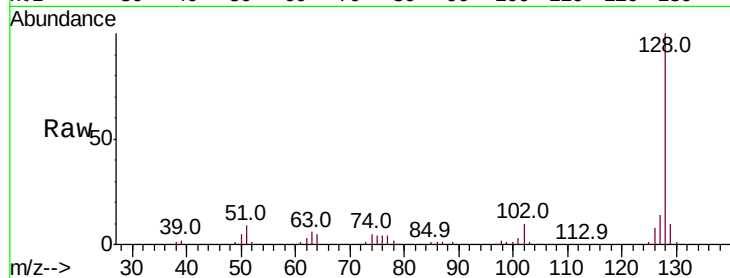




#31
Naphthalene
Concen: 43.391 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

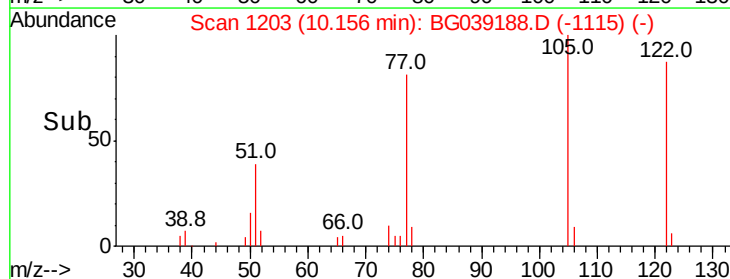
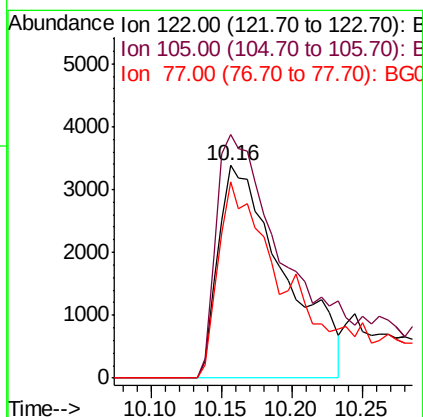
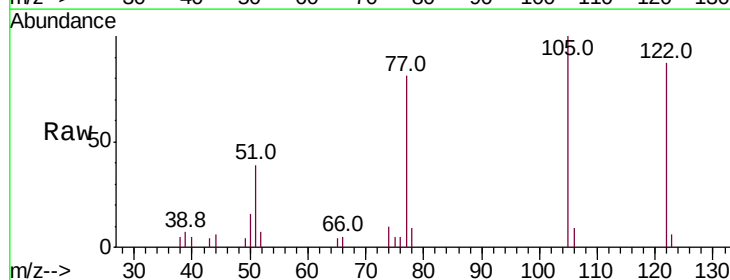
Instrument :
BNA_G
ClientSampleId :
PB116414BS

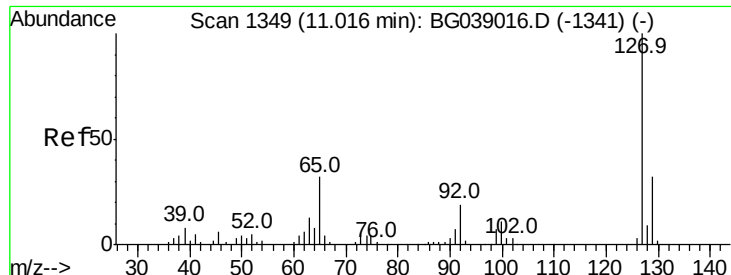
Tot Ion:128 Resp: 180410
Ion Ratio Lower Upper
128 100
129 10.4 9.1 13.7
127 13.6 11.2 16.8



#32
Benzoic acid
Concen: 21.682 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:122 Resp: 10917
Ion Ratio Lower Upper
122 100
105 114.5 106.4 146.4
77 92.5 63.6 103.6

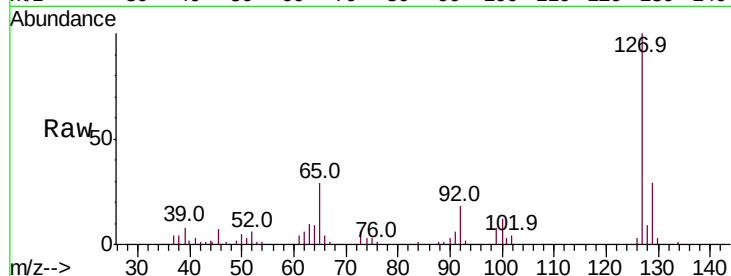




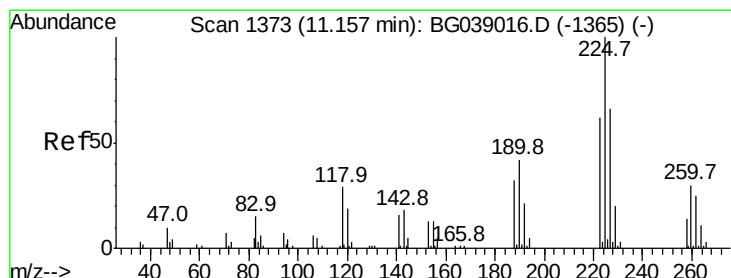
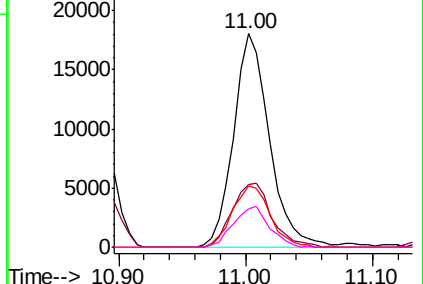
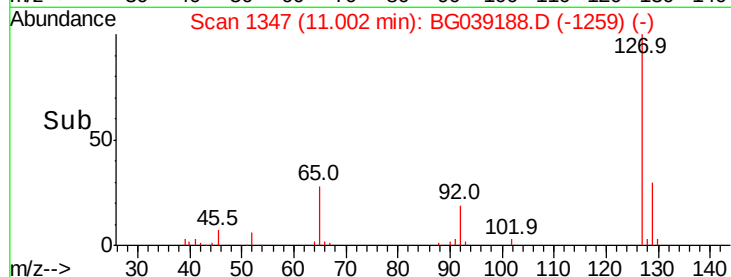
#33
4-Chloroaniline
Concen: 19.036 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:127 Resp: 35415
Ion Ratio Lower Upper
127 100
129 29.4 25.4 38.0
65 28.5 25.4 38.0
92 18.3 15.2 22.8

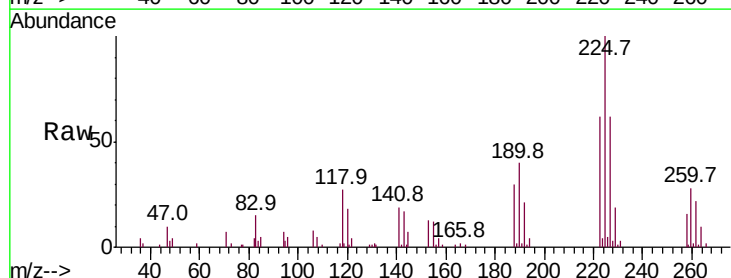


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0

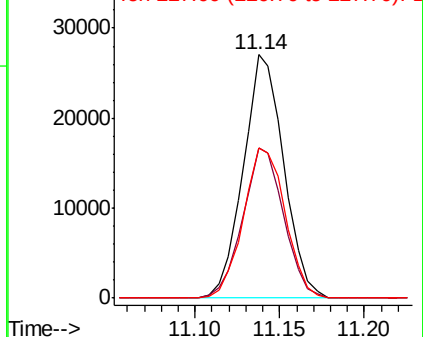
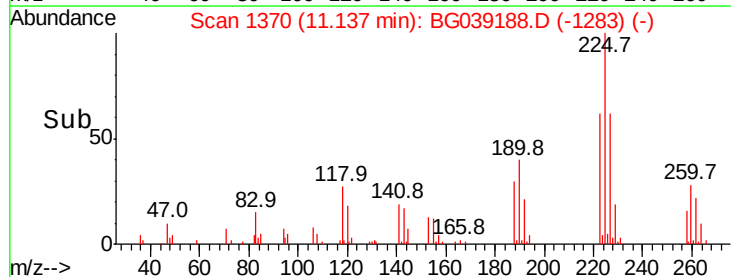


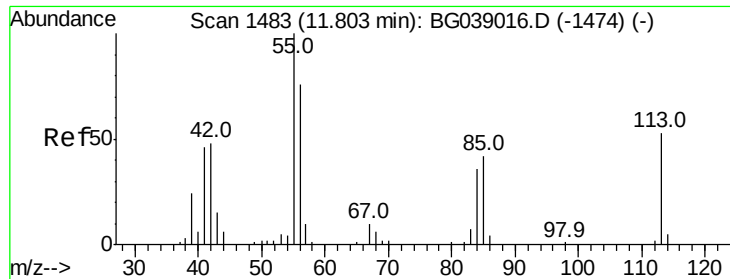
#34
Hexachlorobutadiene
Concen: 37.657 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:225 Resp: 45070
Ion Ratio Lower Upper
225 100
223 61.8 50.2 75.4
227 65.0 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: 16.050 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

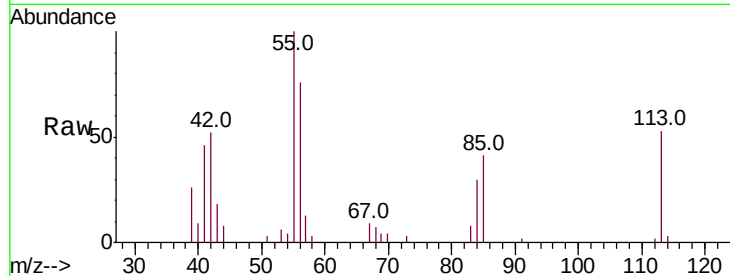
Tot Ion:113 Resp: 9317

Ion Ratio Lower Upper

113 100

55 188.8 168.6 208.6

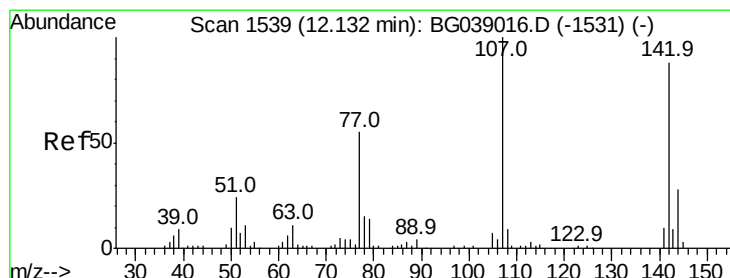
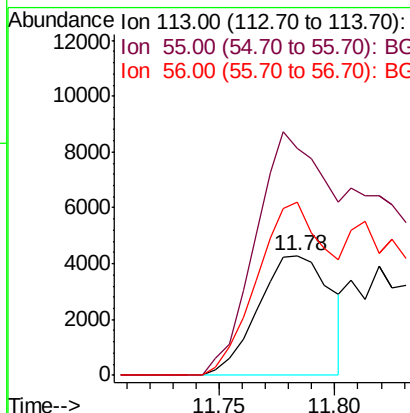
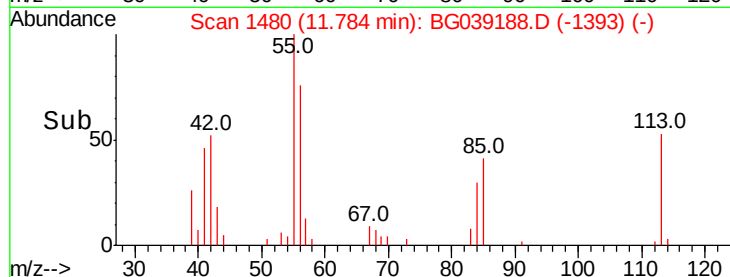
56 144.3 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.087 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

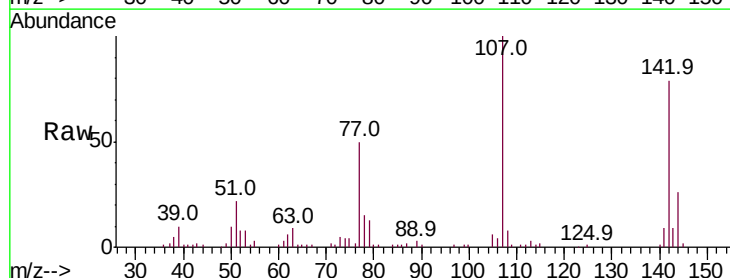
Tgt Ion:107 Resp: 58973

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

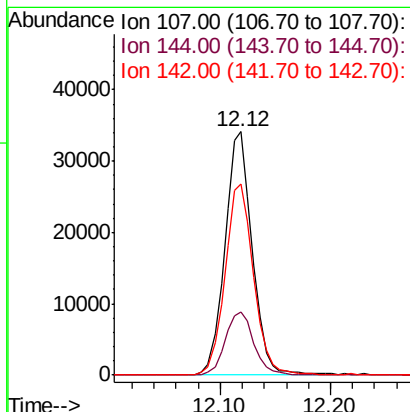
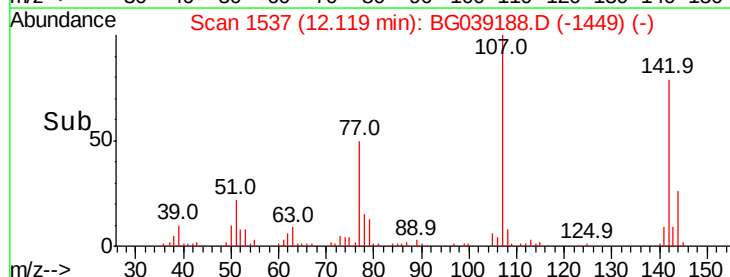
142 78.7 70.2 105.4

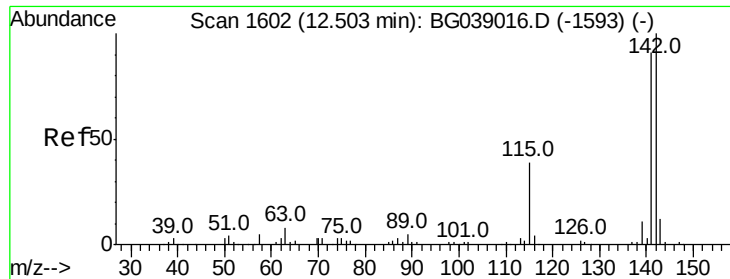


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

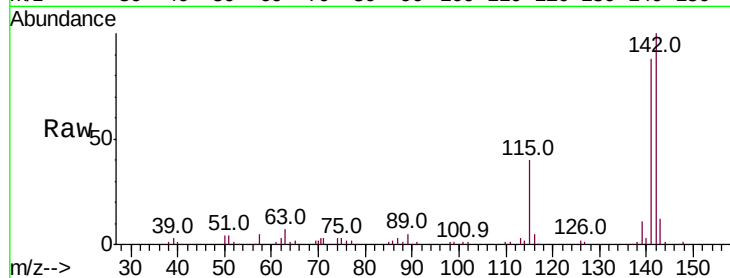




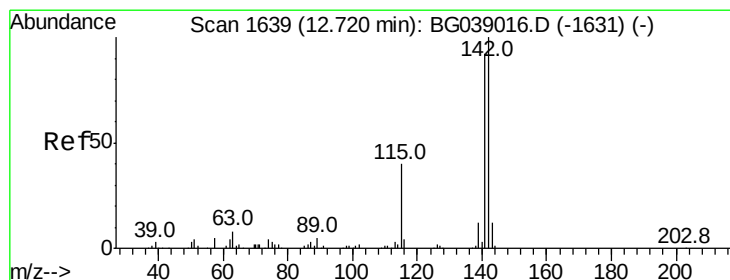
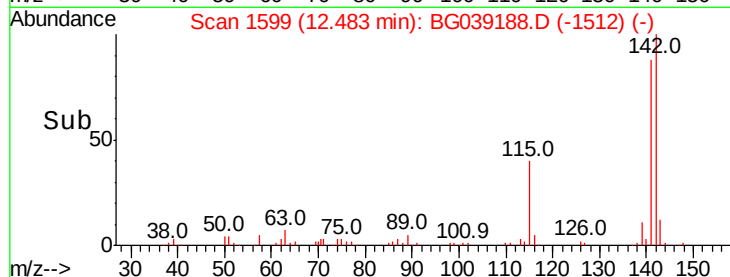
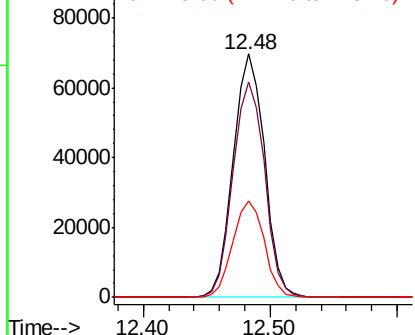
#37
2-Methylnaphthalene
Concen: 38.288 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:142 Resp: 119353
Ion Ratio Lower Upper
142 100
141 88.4 72.6 109.0
115 39.8 31.1 46.7

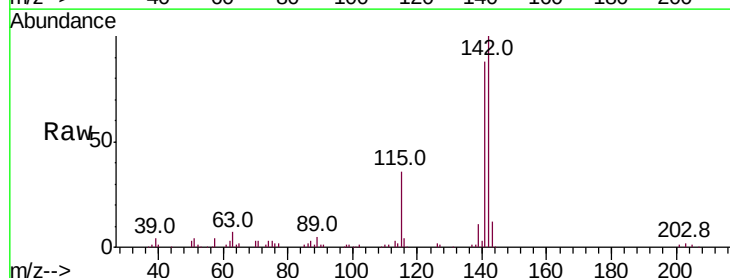


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

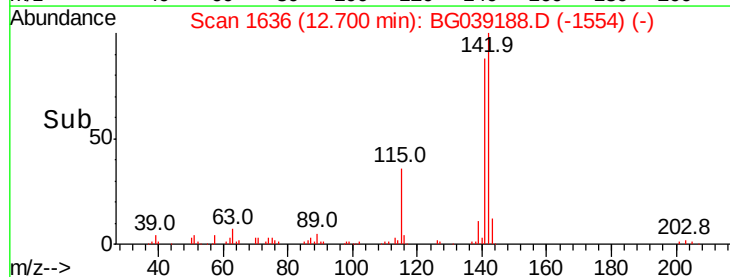
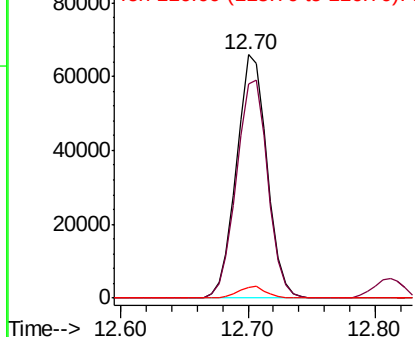


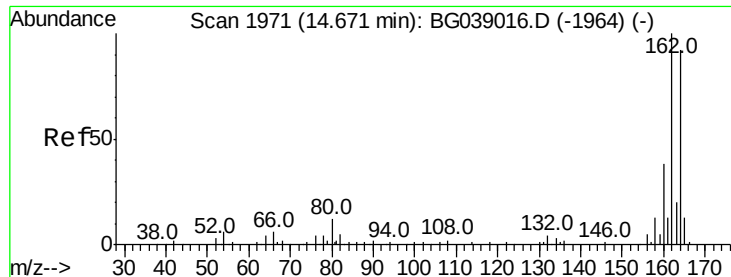
#38
1-Methylnaphthalene
Concen: 36.730 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:142 Resp: 109900
Ion Ratio Lower Upper
142 100
141 87.8 73.3 109.9
116 4.2 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

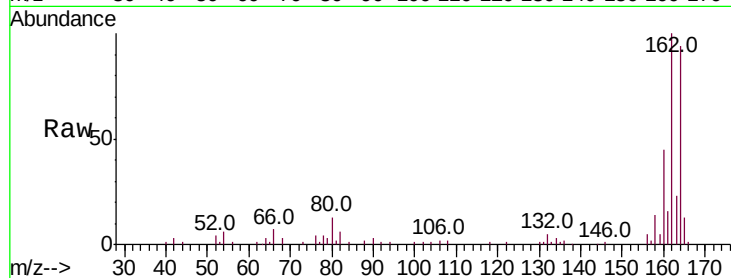
Tot Ion:164 Resp: 48735

Ion Ratio Lower Upper

164 100

162 106.7 87.2 130.8

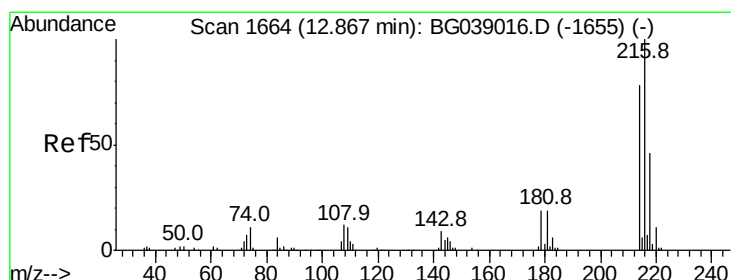
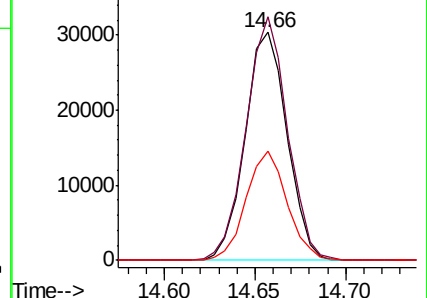
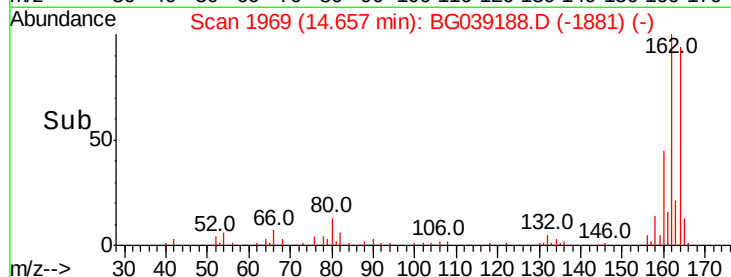
160 47.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.438 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion:216 Resp: 72182

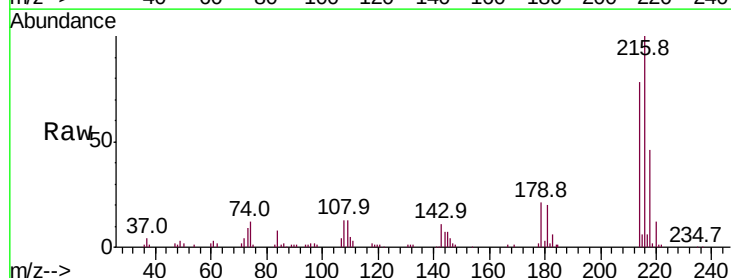
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 20.3 15.5 23.3

108 16.5 11.4 17.2

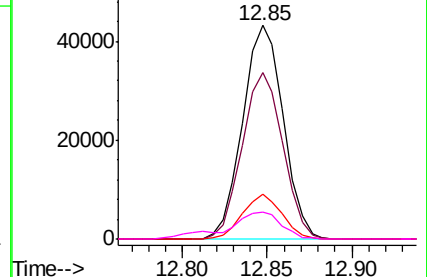
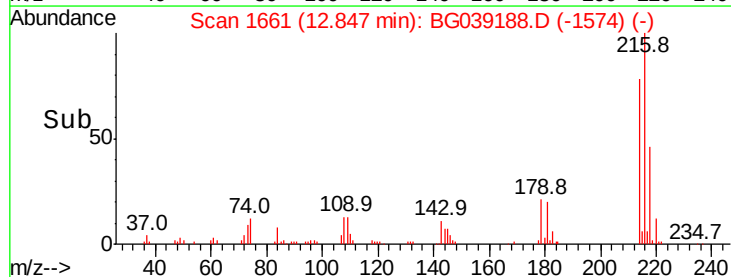


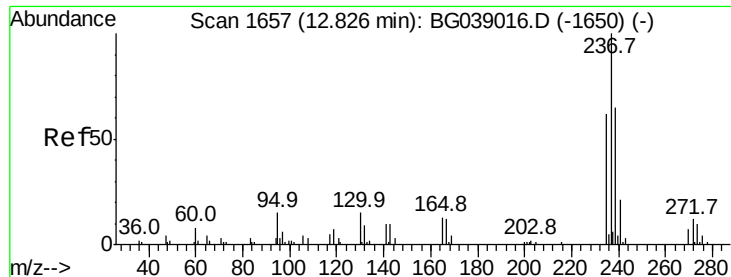
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.525 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

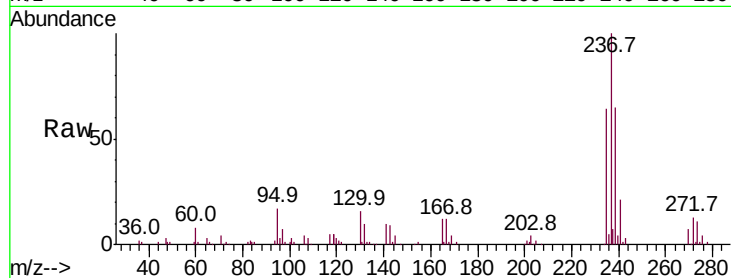
Tot Ion:237 Resp: 84159

Ion Ratio Lower Upper

237 100

235 63.7 41.7 81.7

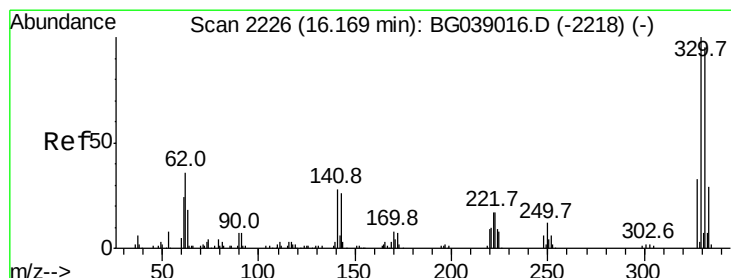
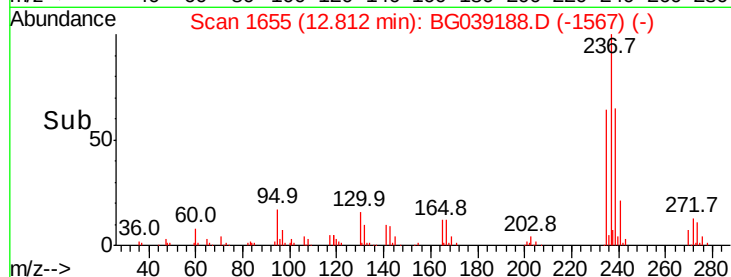
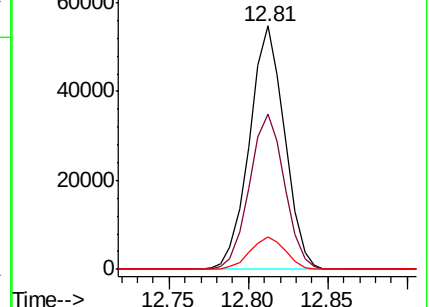
272 13.1 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.040 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

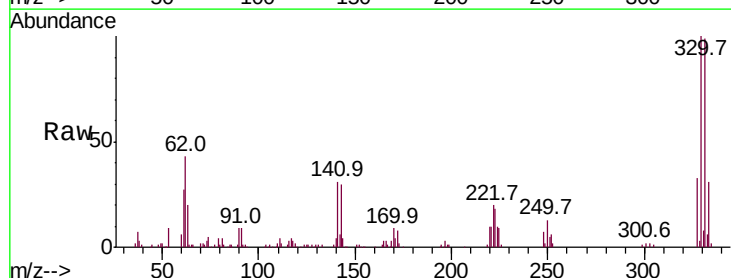
Tgt Ion:330 Resp: 105417

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

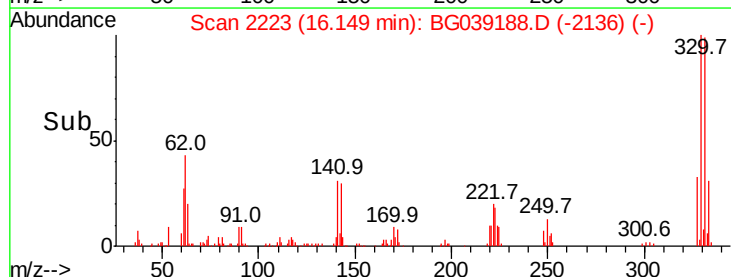
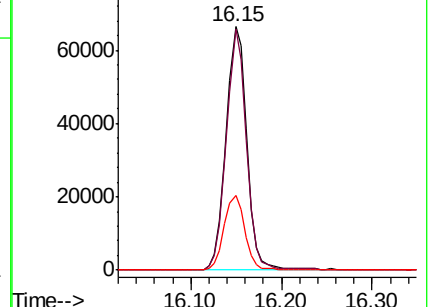
141 30.5 24.9 37.3

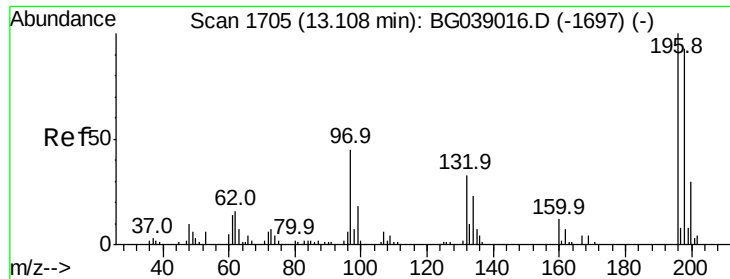


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

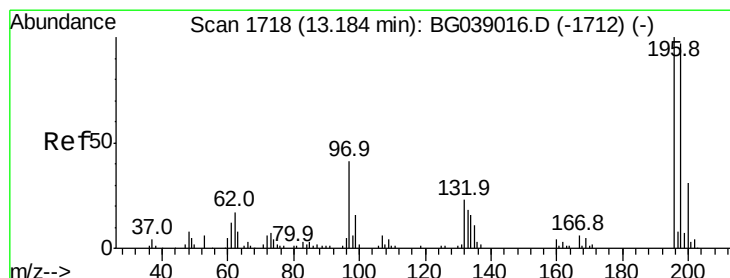
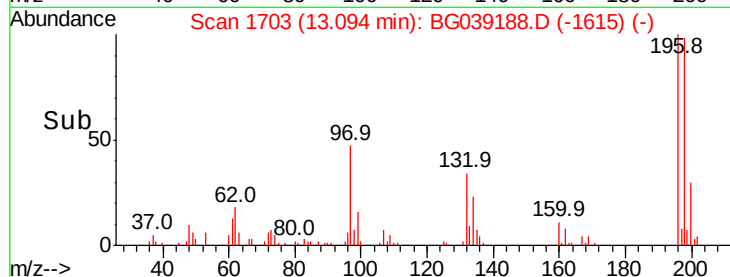
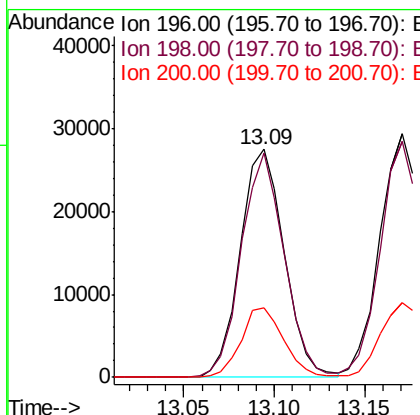
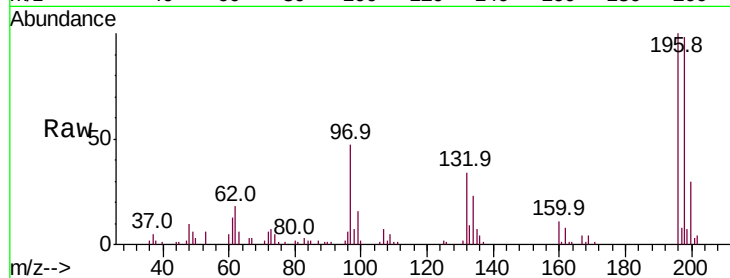




#43
 2,4,6-Trichlorophenol
 Concen: 40.336 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

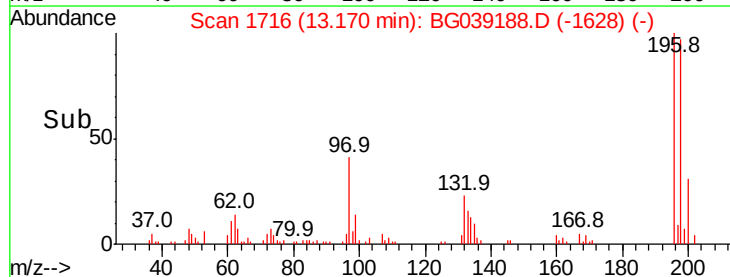
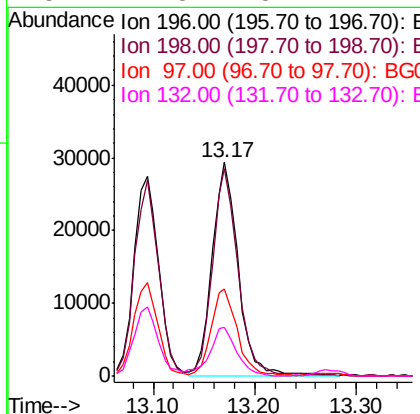
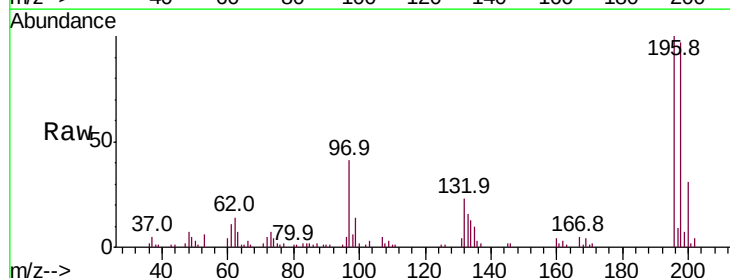
Instrument :
 BNA_G
 ClientSampled :
 PB116414BS

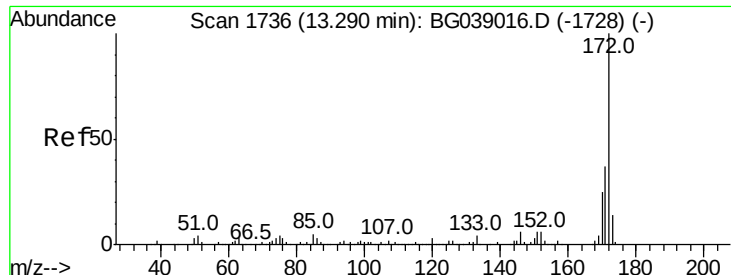
Tot Ion:196 Resp: 46464
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.5 111.7
 200 30.2 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.018 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:196 Resp: 52374
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.1 117.1
 97 40.9 33.2 49.8
 132 22.8 18.2 27.4

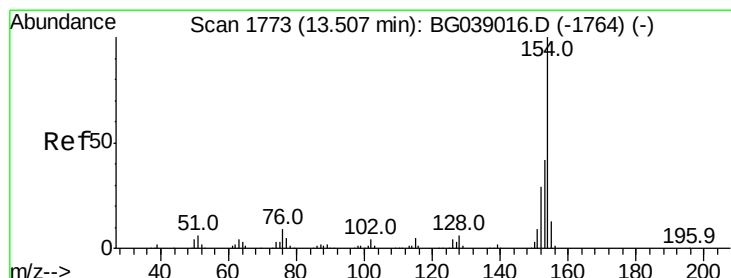
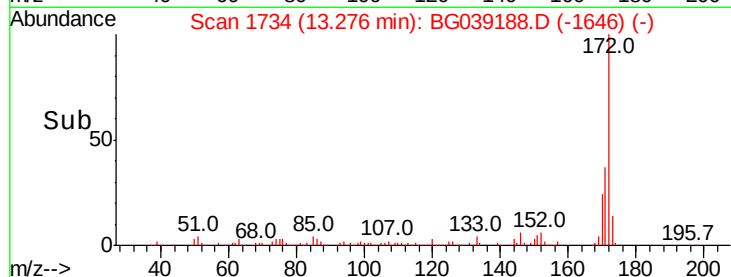
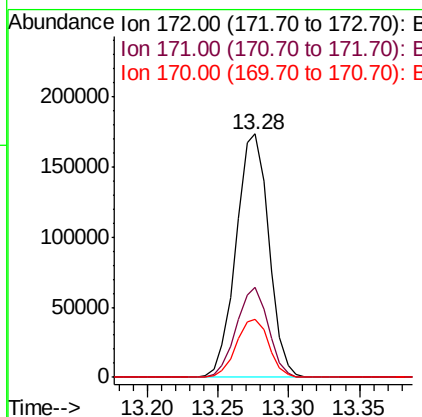
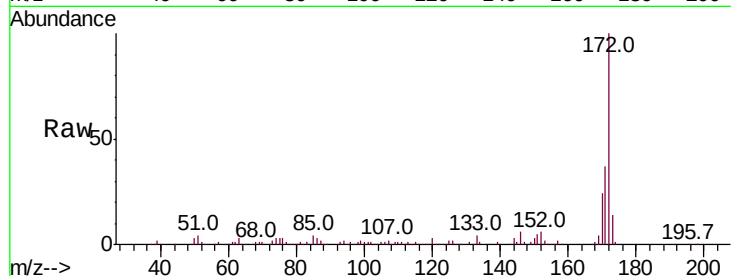




#45
2-Fluorobiphenyl
Concen: 78.799 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

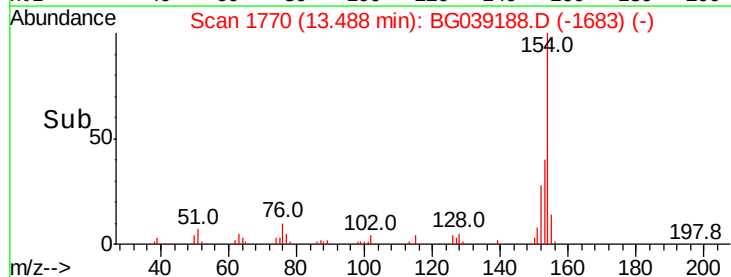
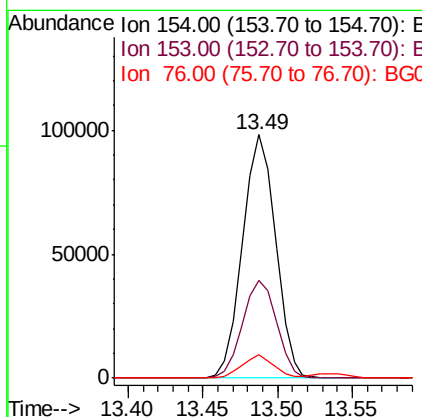
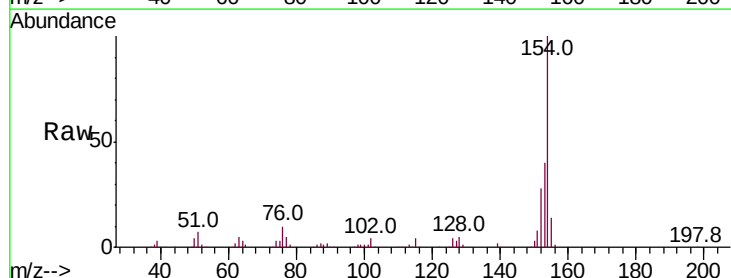
Instrument :
BNA_G
ClientSampleId :
PB116414BS

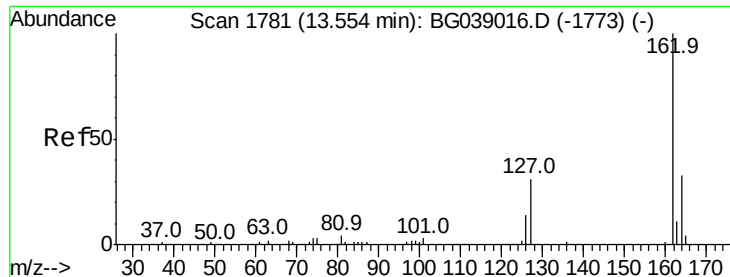
Tot Ion:172 Resp: 280606
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 39.067 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:154 Resp: 150863
Ion Ratio Lower Upper
154 100
153 40.4 22.4 62.4
76 9.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 38.547 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.02 min

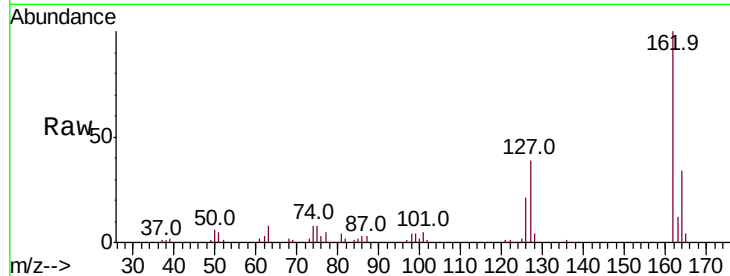
Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:162 Resp: 120457

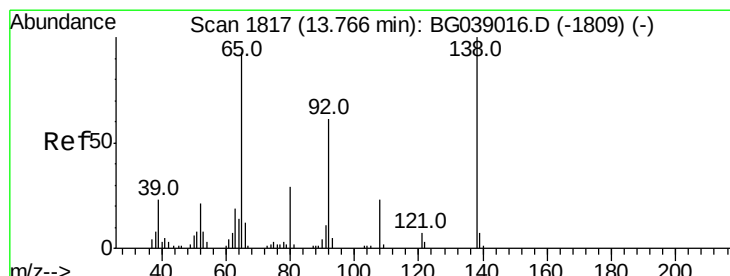
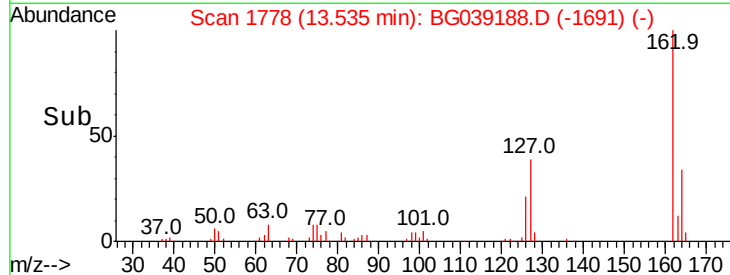
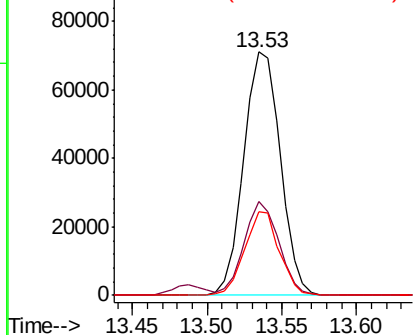
Ion	Ratio	Lower	Upper
162	100		
127	38.7	28.4	42.6
164	34.2	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.721 ng

RT: 13.75 min Scan# 1815

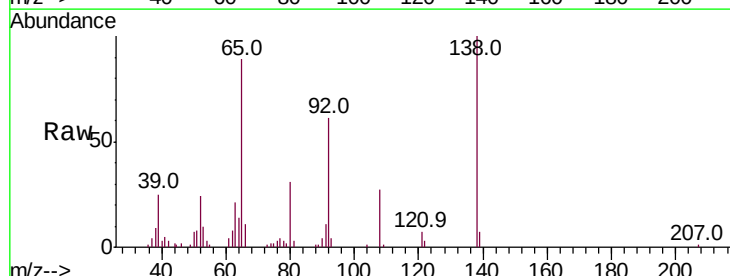
Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion: 65 Resp: 34774

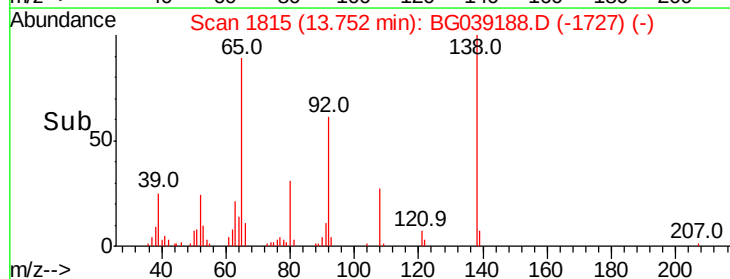
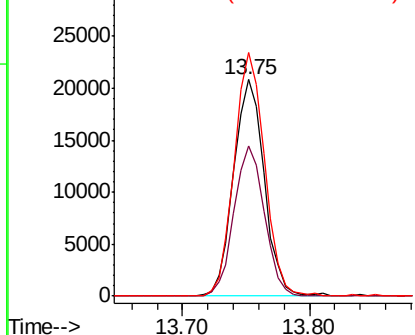
Ion	Ratio	Lower	Upper
65	100		
92	69.1	52.2	78.4
138	112.6	86.0	129.0

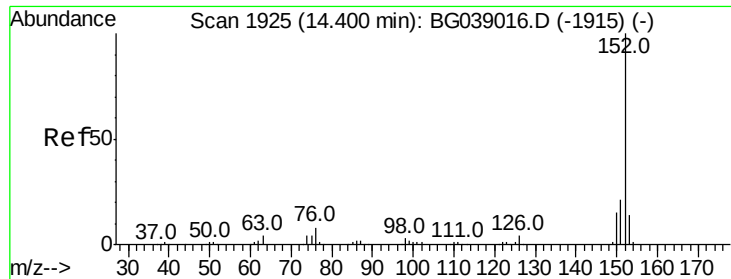


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.871 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

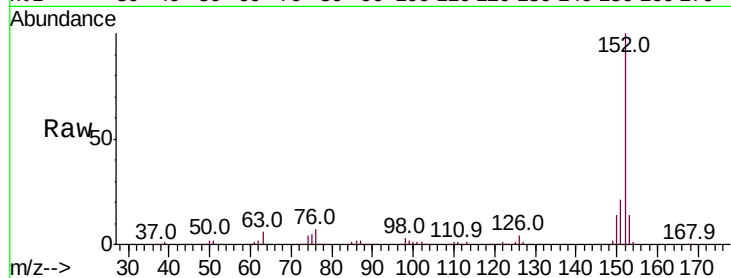
Tot Ion:152 Resp: 196669

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

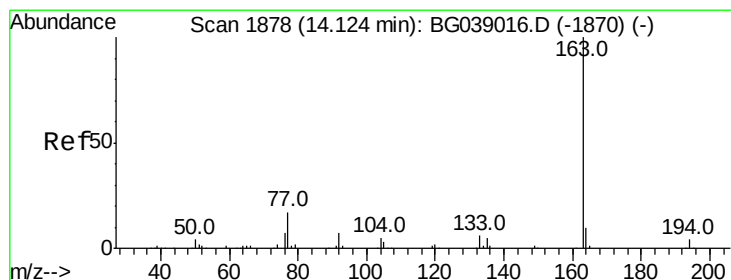
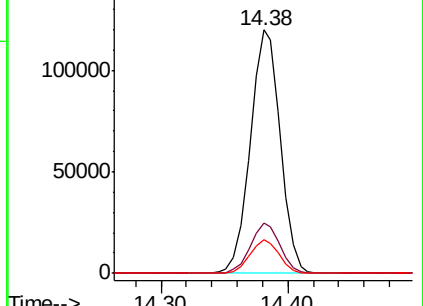
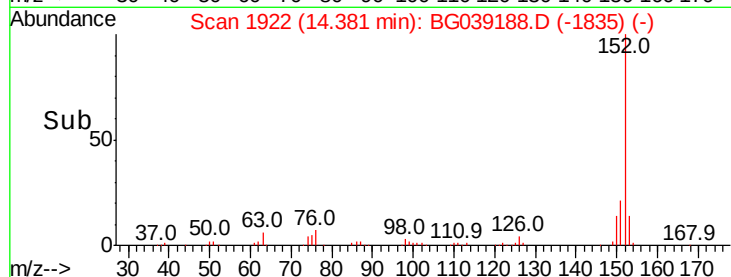
153 13.9 11.2 16.8



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: 39.926 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

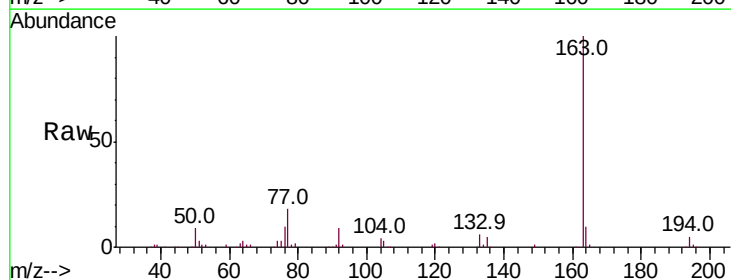
Tgt Ion:163 Resp: 164430

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

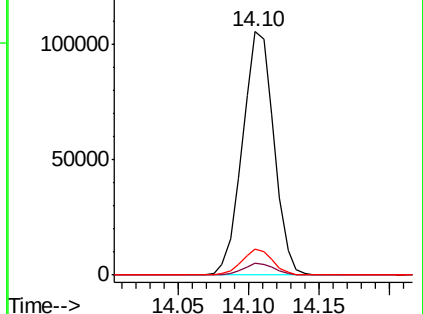
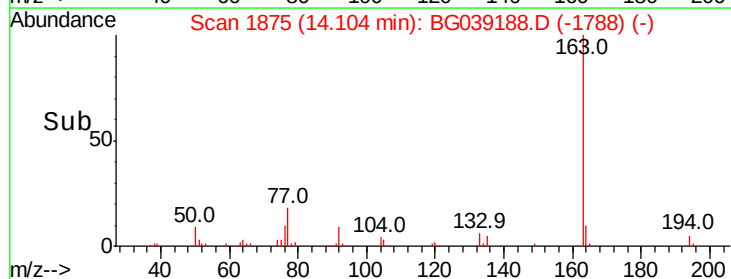
164 10.5 8.2 12.2

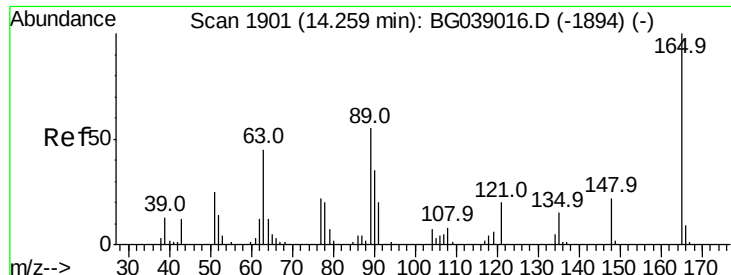


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

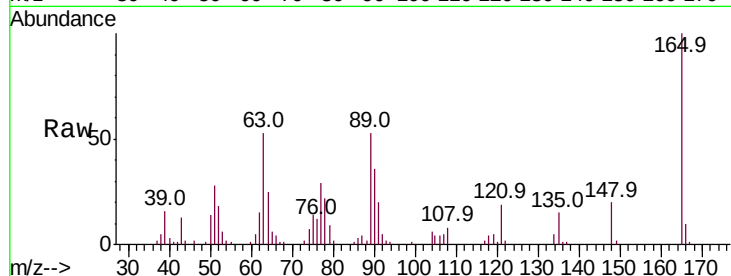




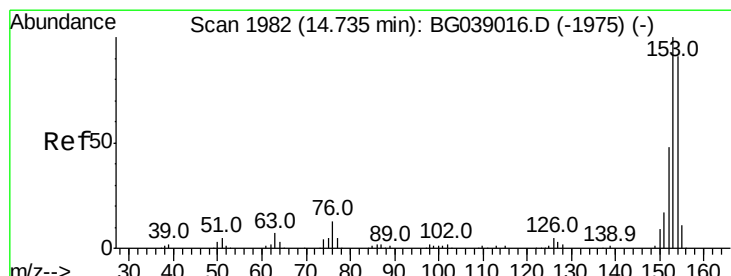
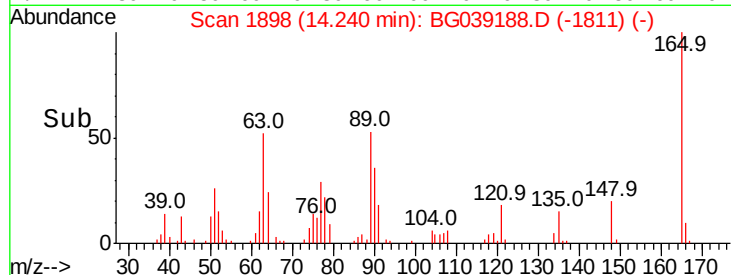
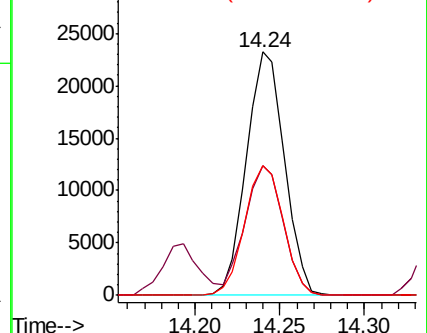
#51
2,6-Dinitrotoluene
Concen: 39.585 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:165 Resp: 36448
Ion Ratio Lower Upper
165 100
63 53.5 43.6 65.4
89 53.0 43.7 65.5

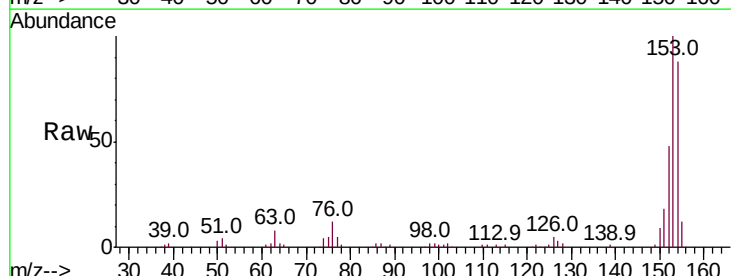


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

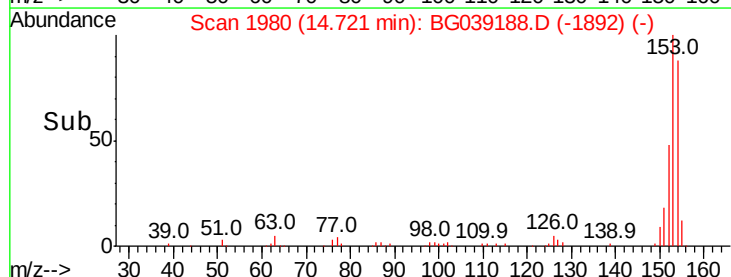
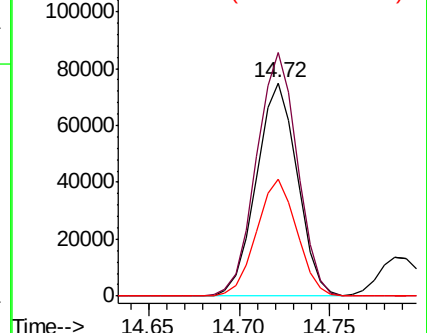


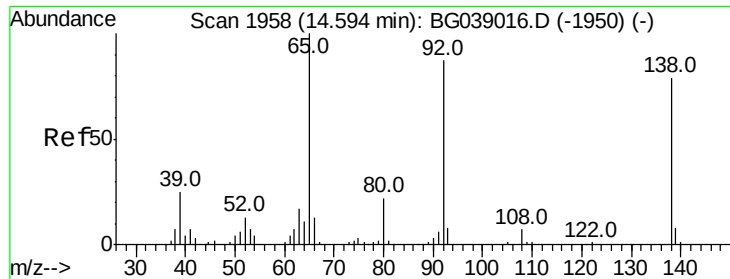
#52
Acenaphthene
Concen: 41.749 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:154 Resp: 117819
Ion Ratio Lower Upper
154 100
153 114.2 87.9 131.9
152 54.9 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: 26.045 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

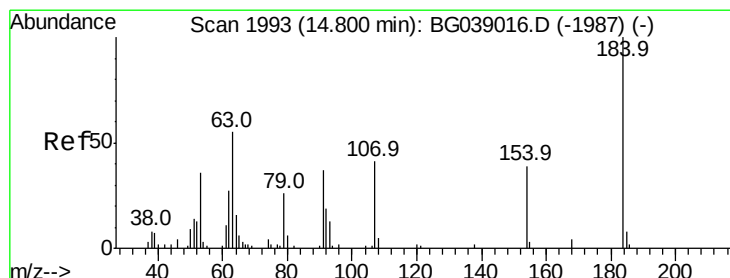
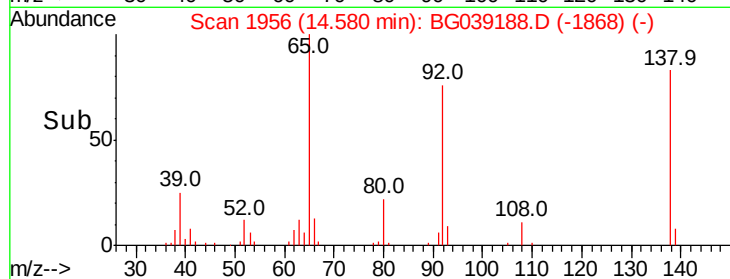
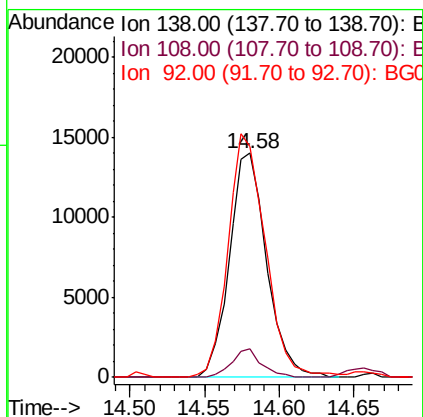
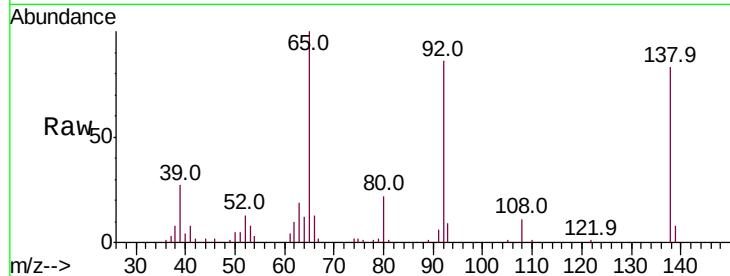
Tot Ion:138 Resp: 24327

Ion Ratio Lower Upper

138 100

108 13.0 7.4 11.0#

92 103.1 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 75.540 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

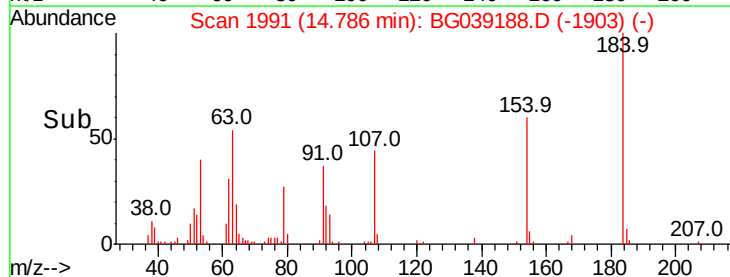
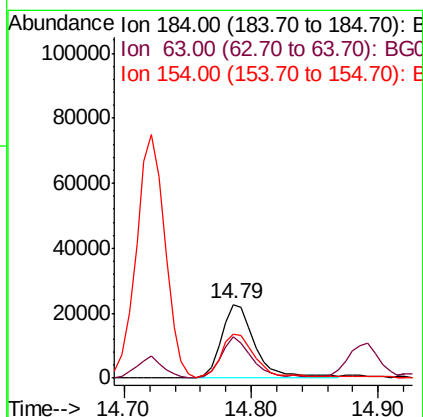
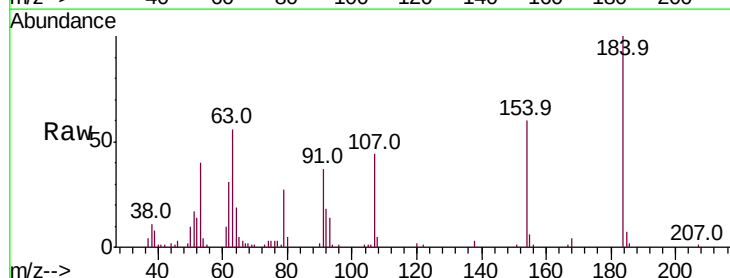
Tgt Ion:184 Resp: 41407

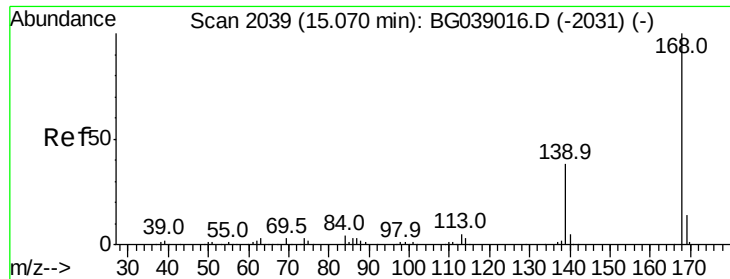
Ion Ratio Lower Upper

184 100

63 55.6 44.0 66.0

154 60.2 46.1 69.1

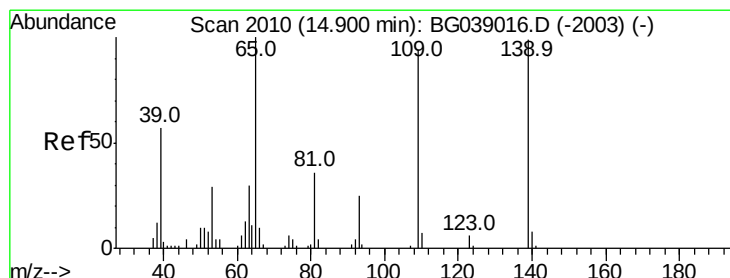
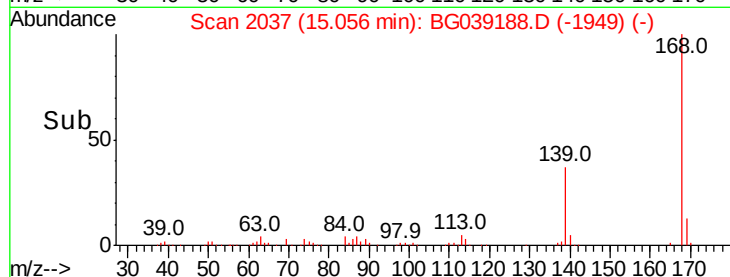
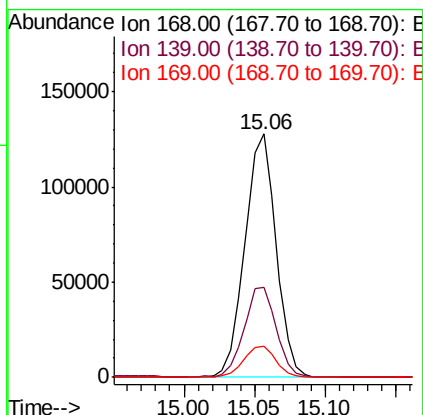
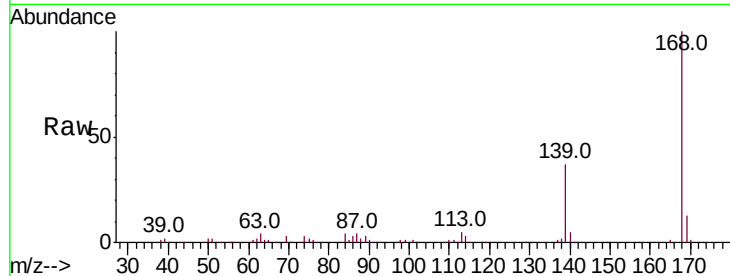




#55
Dibenzofuran
Concen: 39.662 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

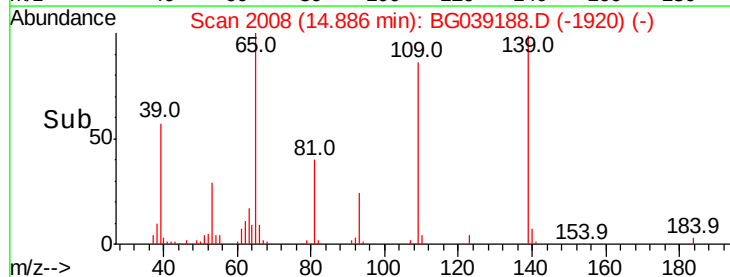
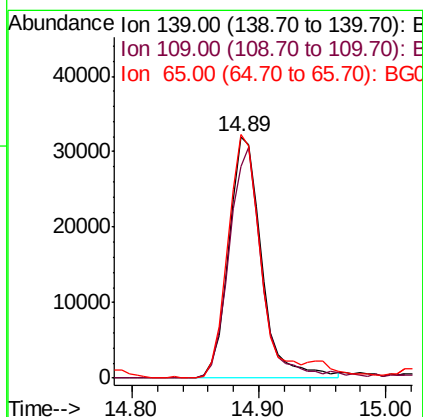
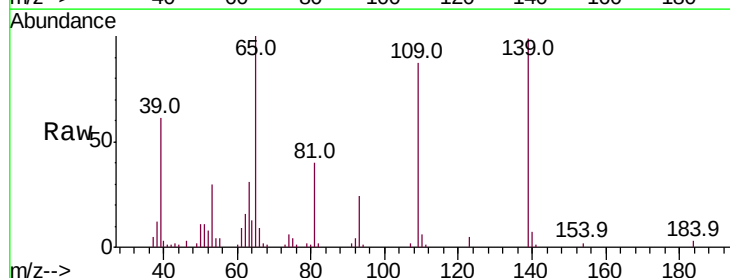
Instrument :
BNA_G
ClientSampleId :
PB116414BS

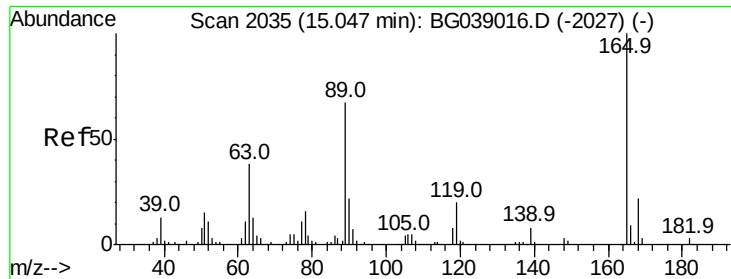
Tot Ion:168 Resp: 197681
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 12.8 10.9 16.3



#56
4-Nitrophenol
Concen: 85.043 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:139 Resp: 57155
Ion Ratio Lower Upper
139 100
109 87.5 75.6 115.6
65 100.8 81.2 121.2

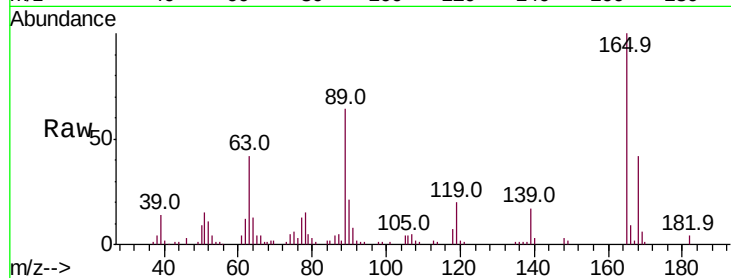




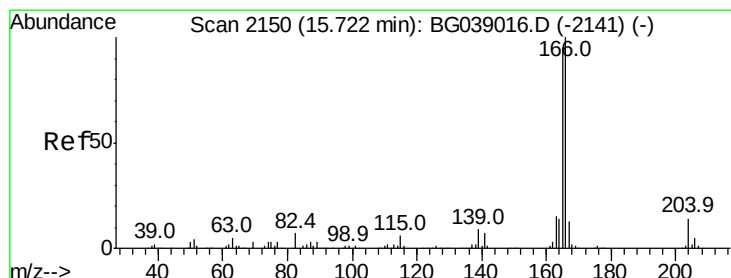
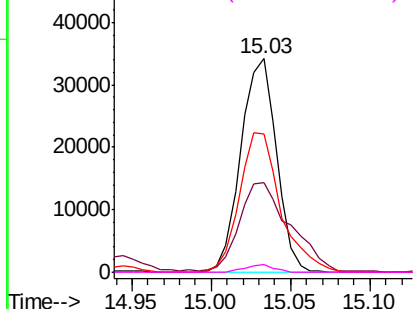
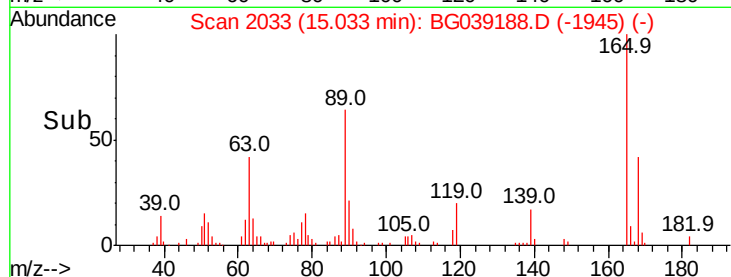
#57
2,4-Dinitrotoluene
Concen: 40.458 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:165 Resp: 53444
Ion Ratio Lower Upper
165 100
63 42.1 30.2 45.4
89 64.5 53.2 79.8
182 3.5 2.7 4.1

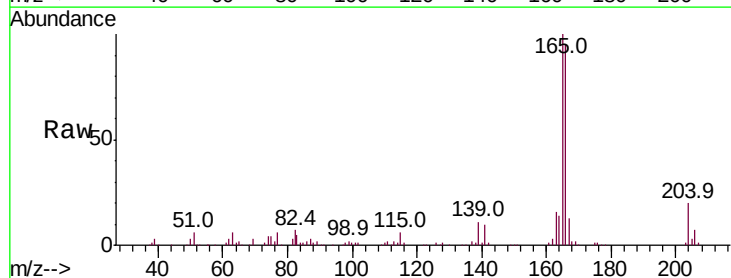


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

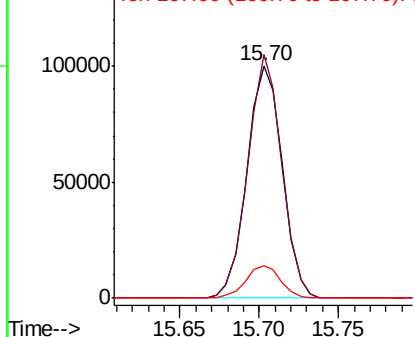
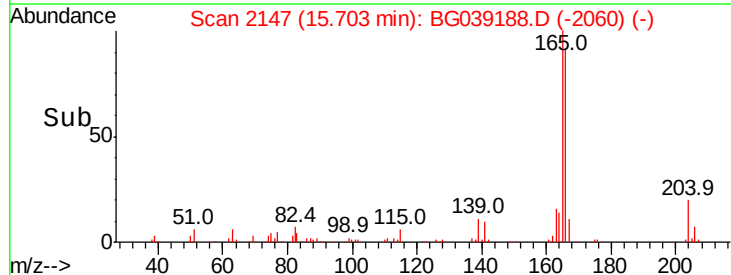


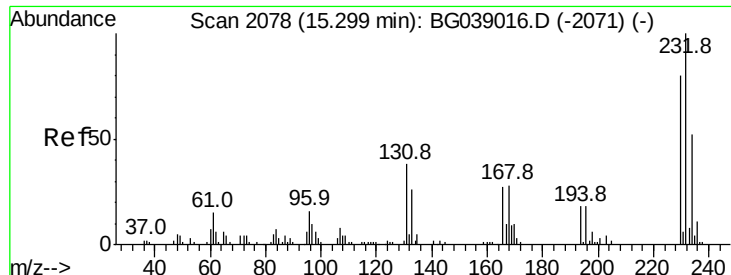
#58
Fluorene
Concen: 41.226 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:166 Resp: 154665
Ion Ratio Lower Upper
166 100
165 104.9 76.2 114.2
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

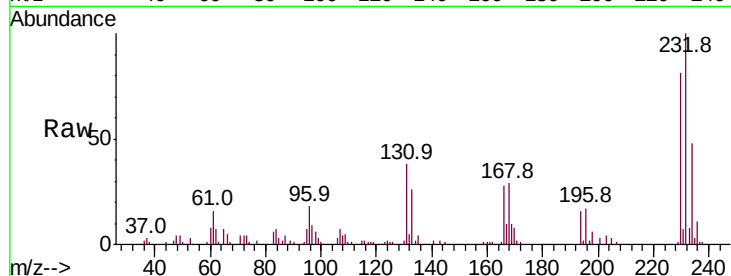




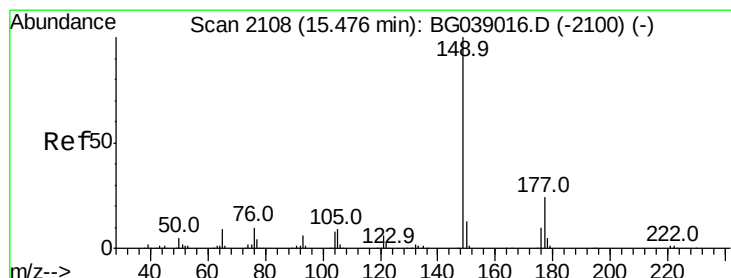
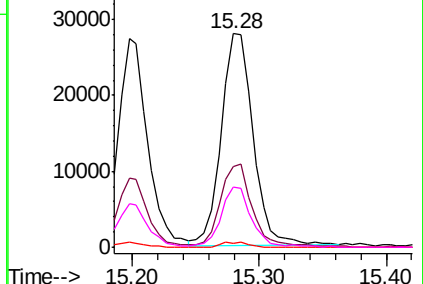
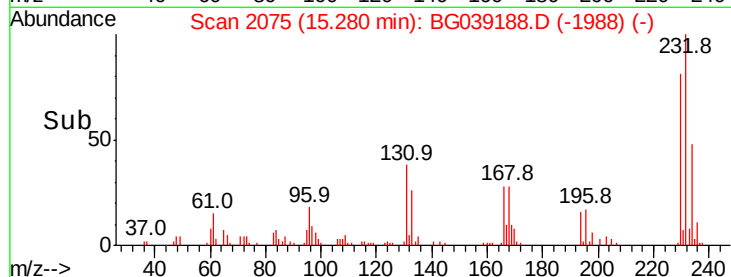
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.362 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

Tot Ion:	232	Resp:	48686
Ion	Ratio	Lower	Upper
232	100		
131	39.9	30.9	46.3
130	2.0	1.9	2.9
166	27.4	22.1	33.1

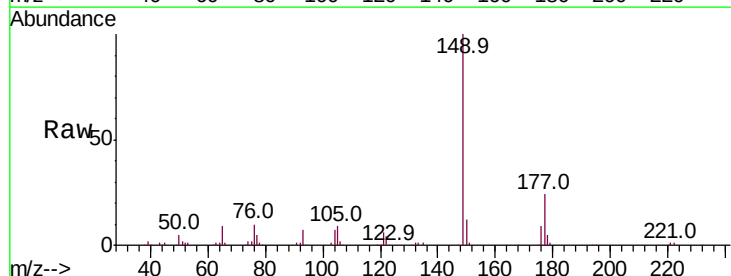


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

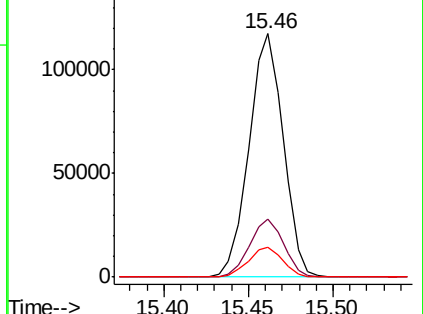
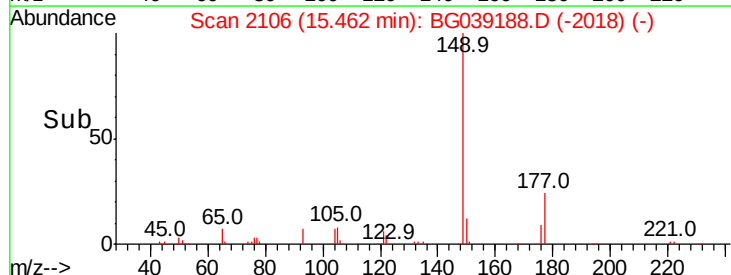


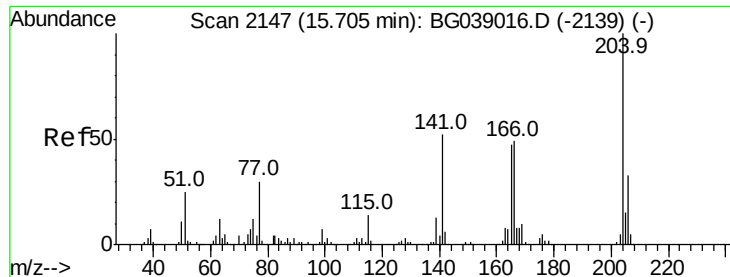
#60
 Diethylphthalate
 Concen: 38.953 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:	149	Resp:	165283
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.6
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

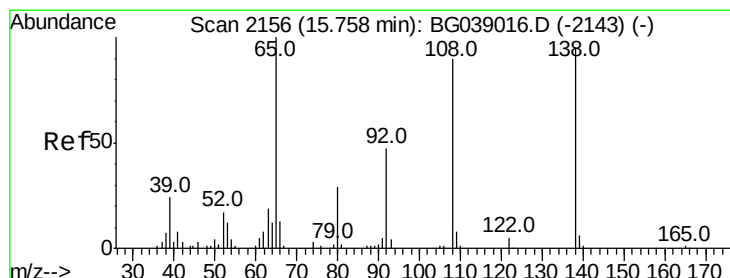
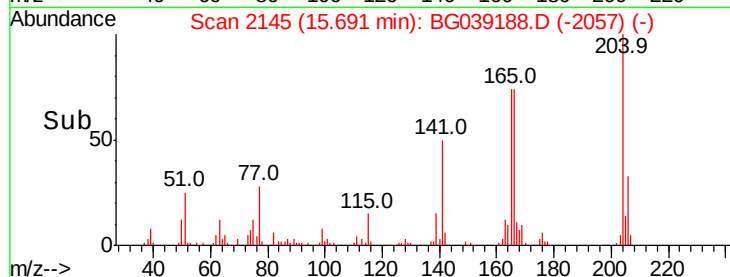
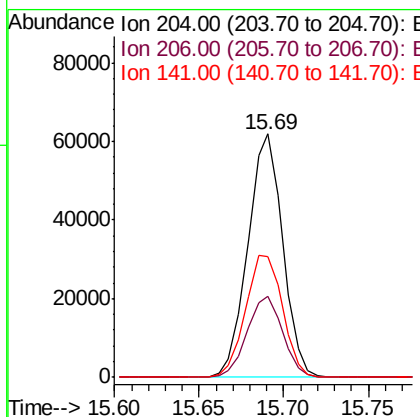
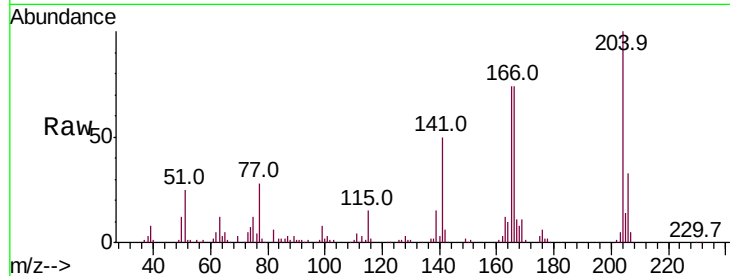




#61
4-Chlorophenyl-phenylether
Concen: 37.523 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

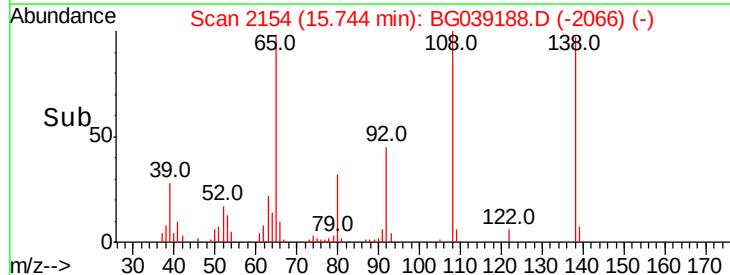
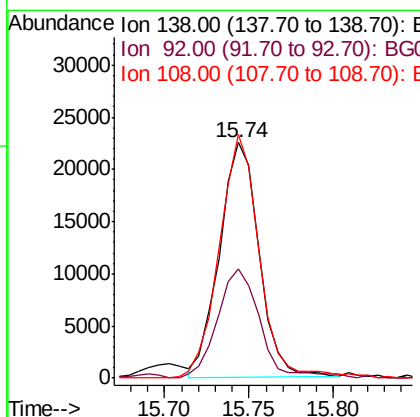
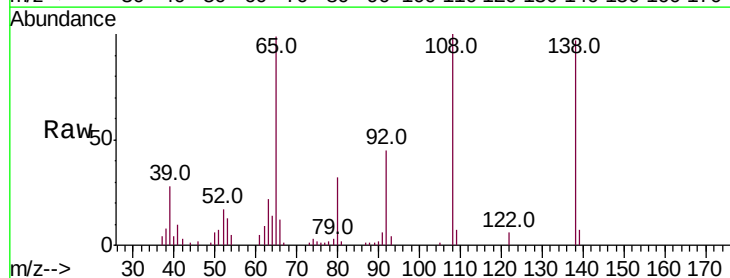
Instrument :
BNA_G
ClientSampleId :
PB116414BS

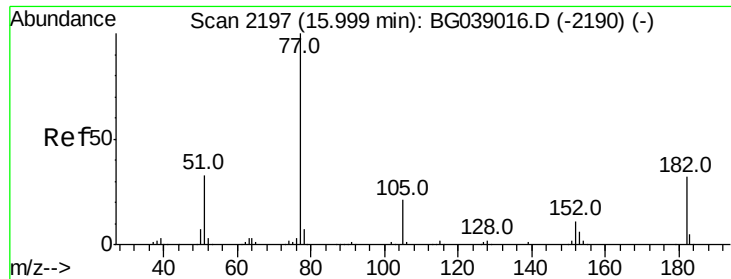
Tot Ion:204 Resp: 88688
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 49.7 41.4 62.0



#62
4-Nitroaniline
Concen: 37.313 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:138 Resp: 36307
Ion Ratio Lower Upper
138 100
92 46.5 29.7 69.7
108 103.3 75.7 115.7





#63

Azobenzene

Concen: 38.965 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

Tot Ion: 77 Resp: 129296

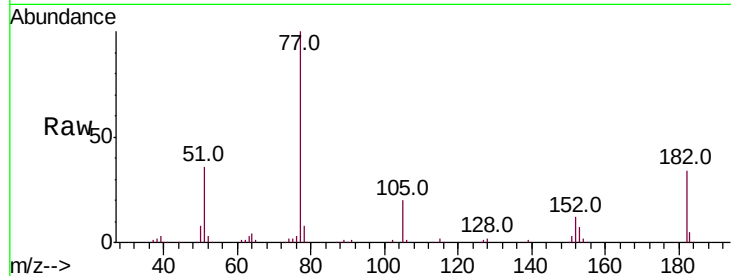
Ion Ratio Lower Upper

77 100

182 33.5 12.2 52.2

105 20.5 1.2 41.2

51 36.3 13.4 53.4

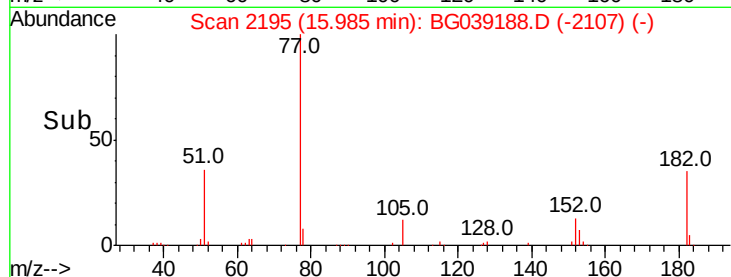


Abundance Ion 77.00 (76.70 to 77.70): BGC

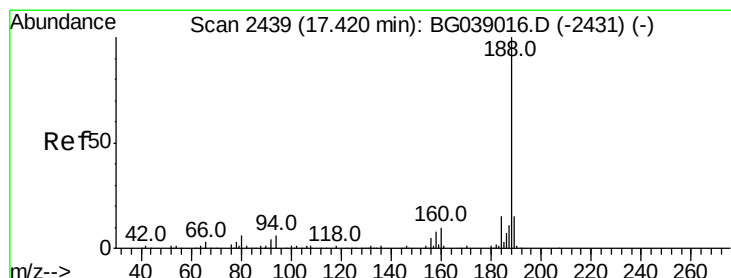
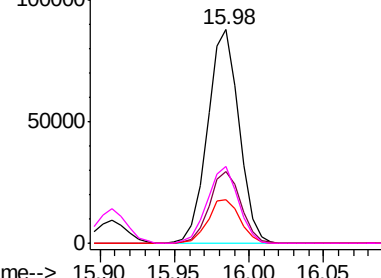
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

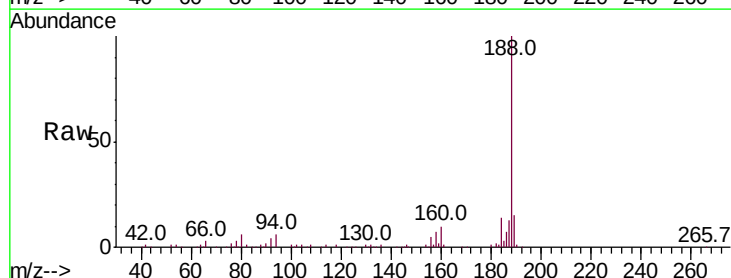
Tgt Ion: 188 Resp: 135916

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

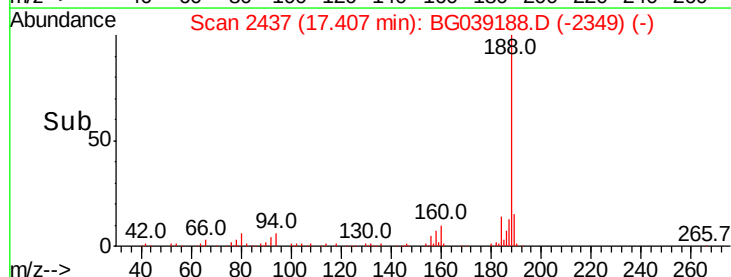
80 5.9 4.7 7.1



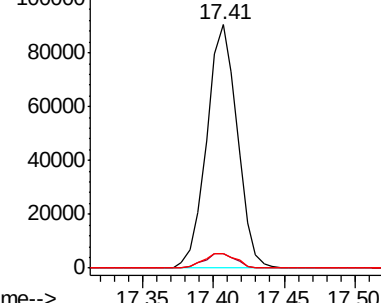
Abundance Ion 188.00 (187.70 to 188.70): BGC

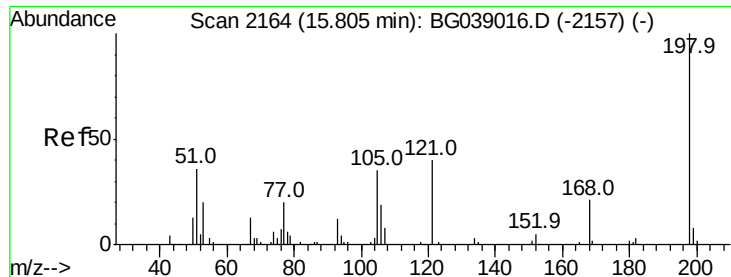
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

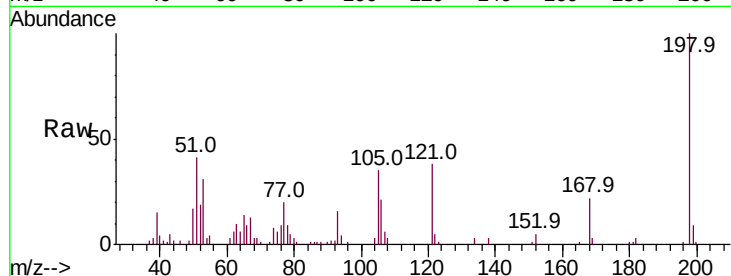




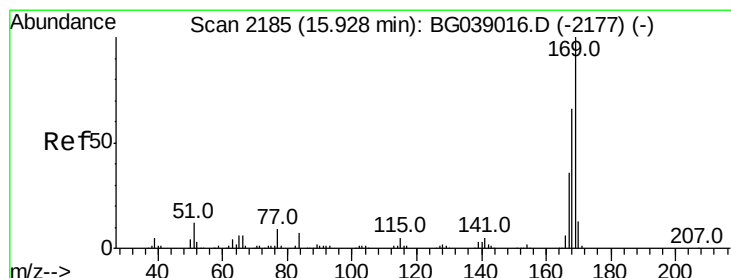
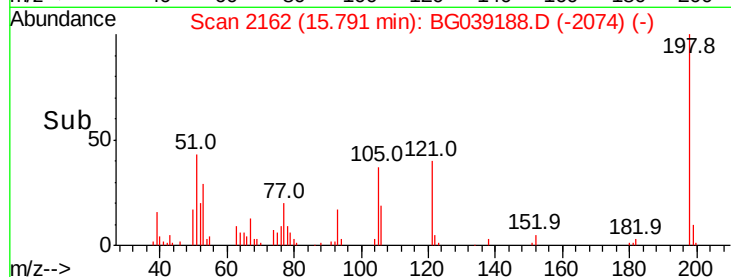
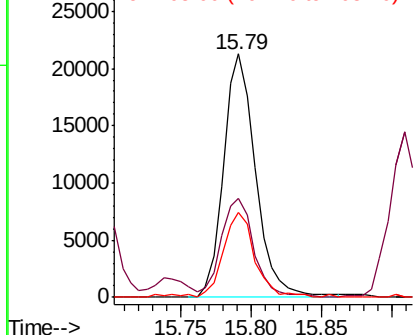
#65
4,6-Dinitro-2-methylphenol
Concen: 33.346 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:198 Resp: 33578
Ion Ratio Lower Upper
198 100
51 40.9 20.8 60.8
105 34.9 16.1 56.1

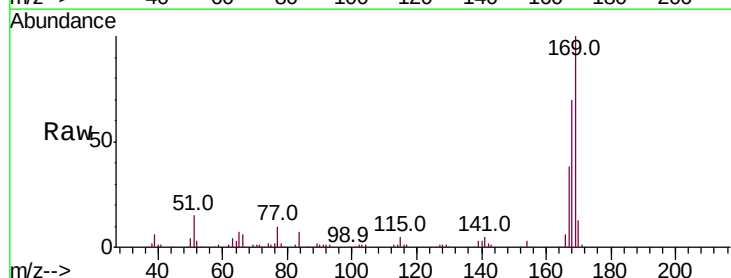


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

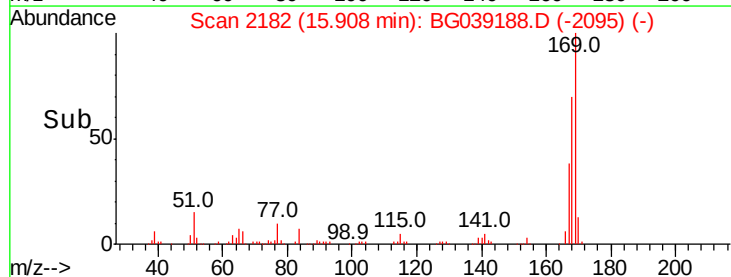
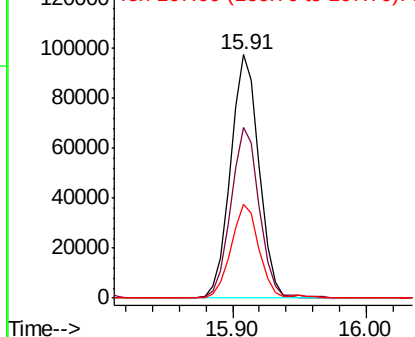


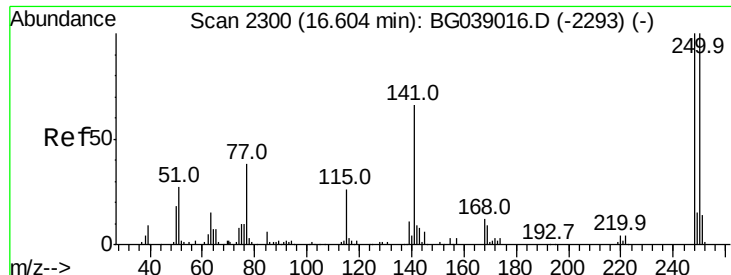
#66
n-Nitrosodiphenylamine
Concen: 35.881 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:169 Resp: 144572
Ion Ratio Lower Upper
169 100
168 69.8 53.2 79.8
167 38.4 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

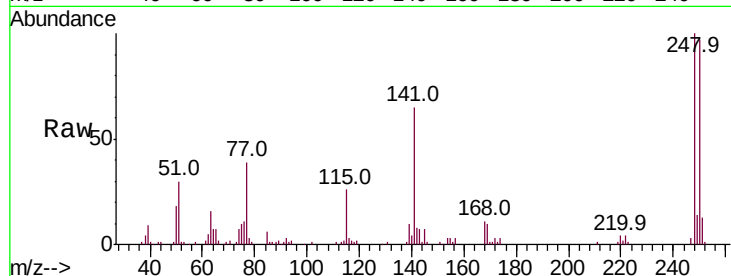




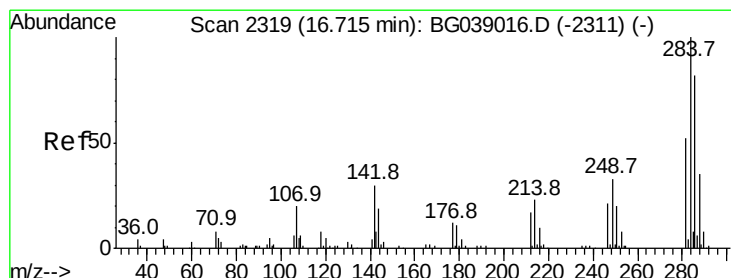
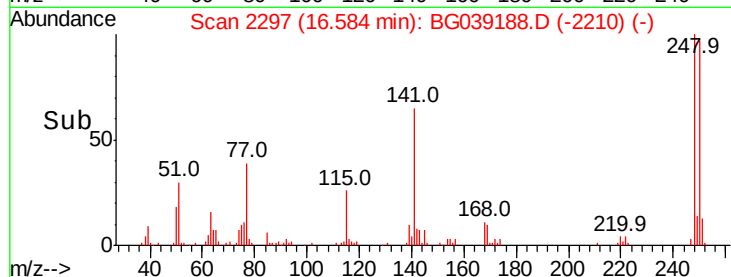
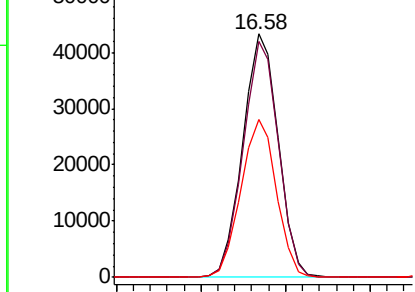
#67
 4-Bromophenyl-phenylether
 Concen: 36.233 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

Tot Ion:248 Resp: 63304
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.9 119.9
 141 64.9 52.7 79.1

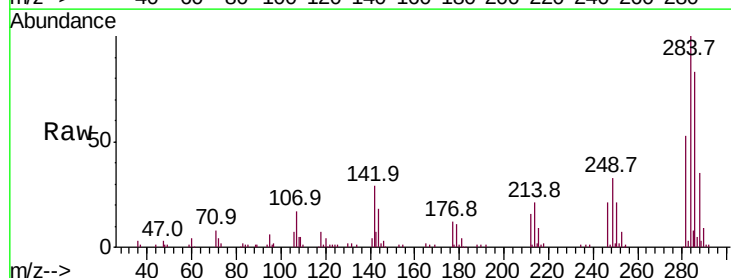


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

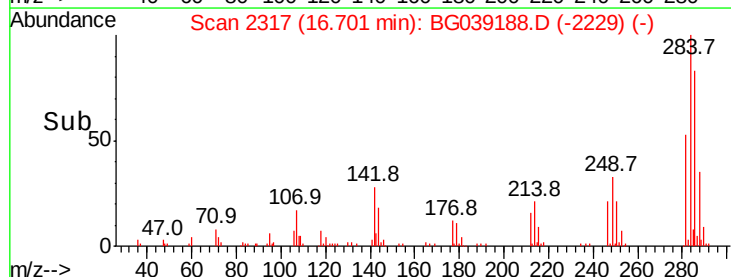
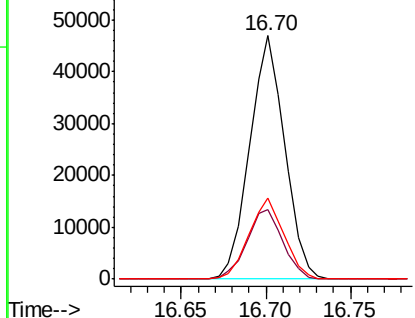


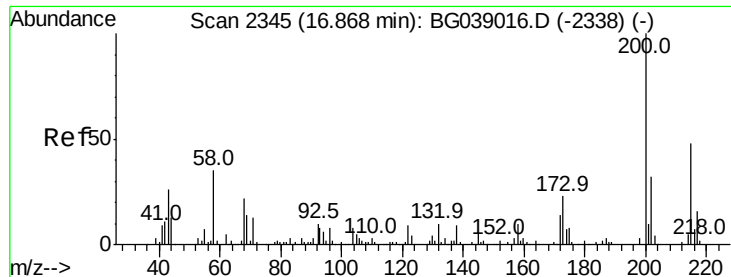
#68
 Hexachlorobenzene
 Concen: 35.423 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:284 Resp: 67533
 Ion Ratio Lower Upper
 284 100
 142 28.6 24.3 36.5
 249 35.3 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.320 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

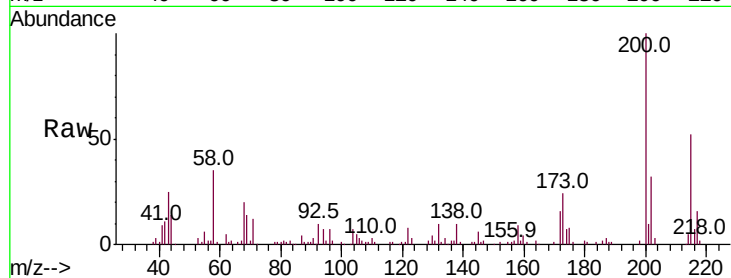
Tot Ion:200 Resp: 65592

Ion Ratio Lower Upper

200 100

173 24.4 2.6 42.6

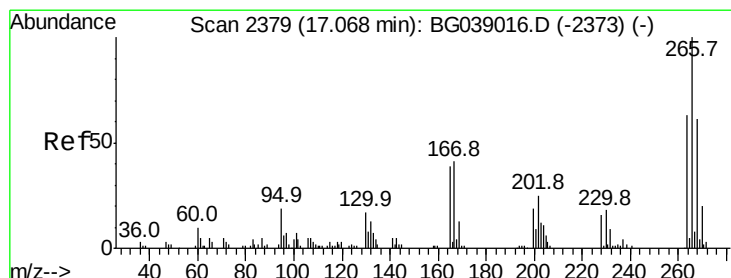
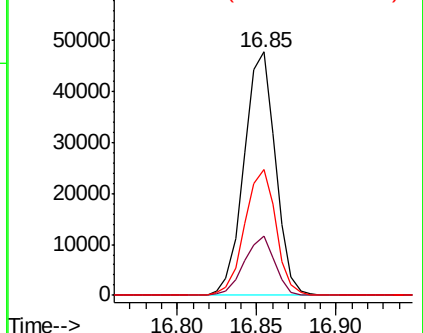
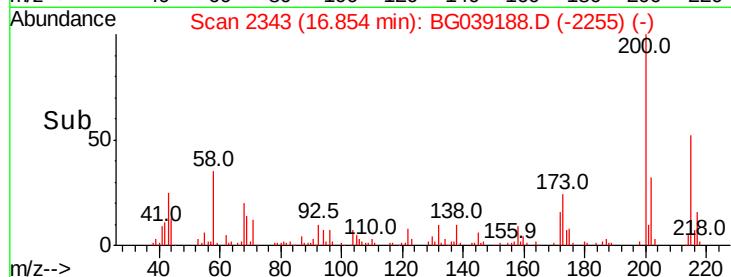
215 51.7 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.974 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

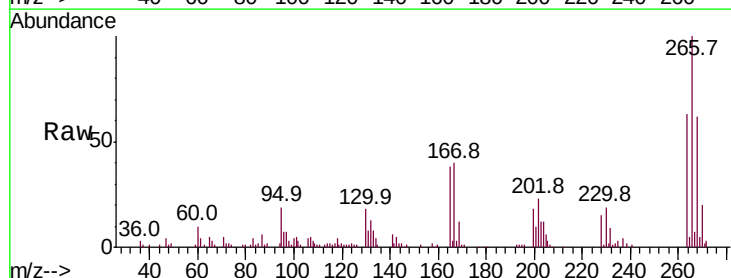
Tgt Ion:266 Resp: 66260

Ion Ratio Lower Upper

266 100

268 67.1 52.0 78.0

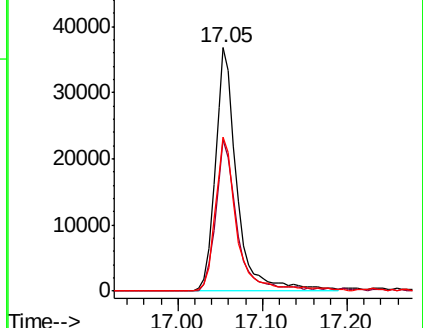
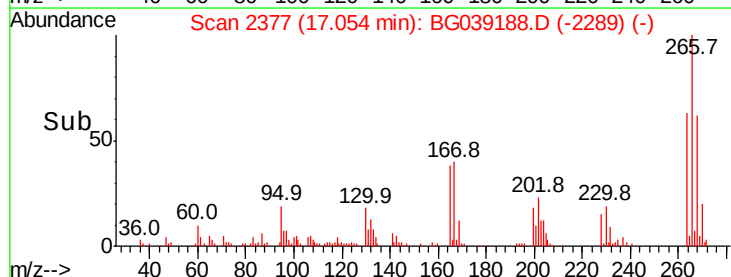
264 68.5 54.6 81.8

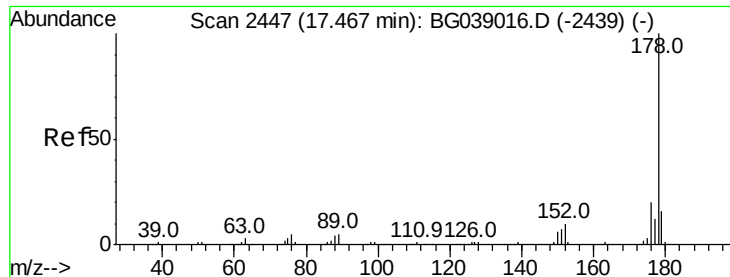


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

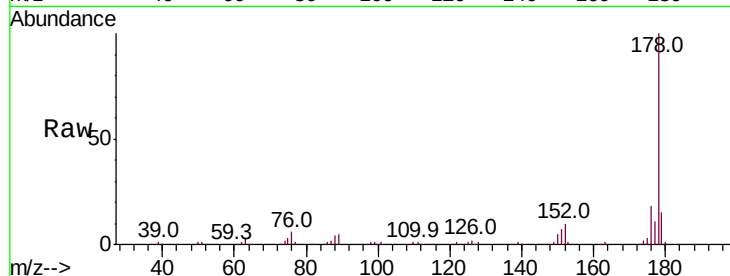




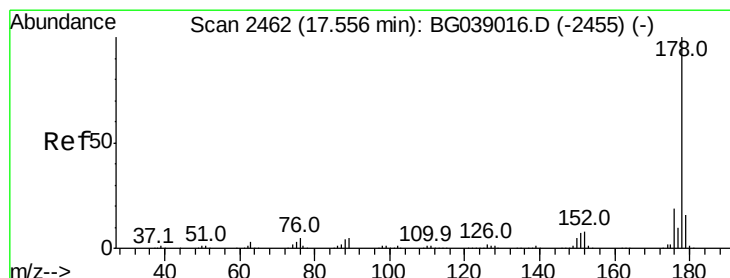
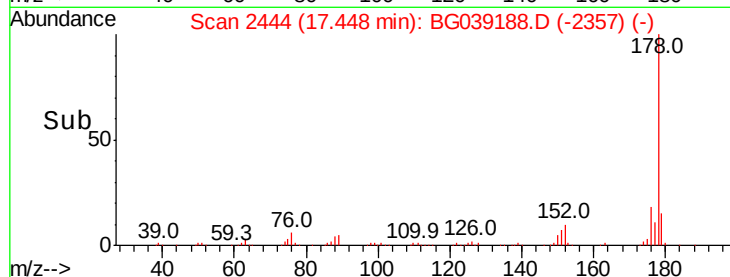
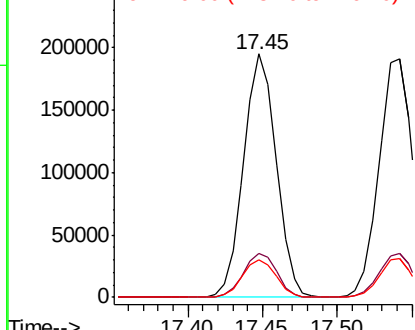
#71
Phenanthrene
Concen: 41.059 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Tot Ion:178 Resp: 294975
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 15.5 12.9 19.3

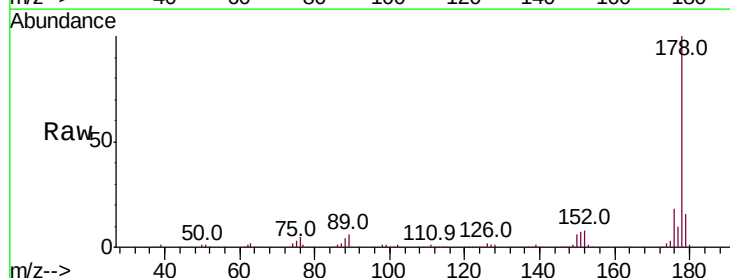


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

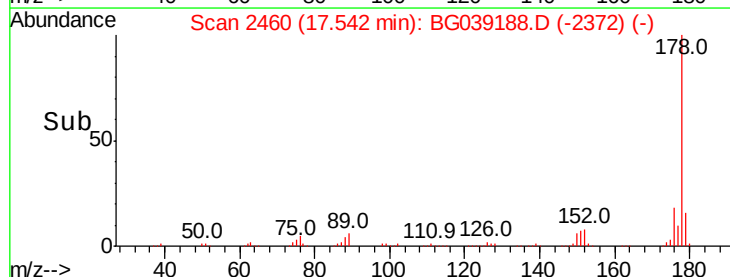
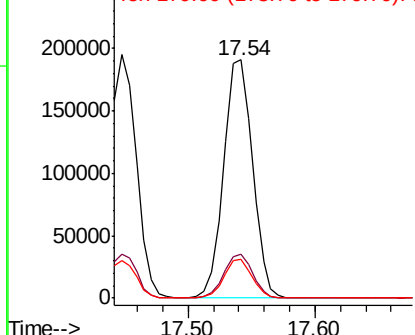


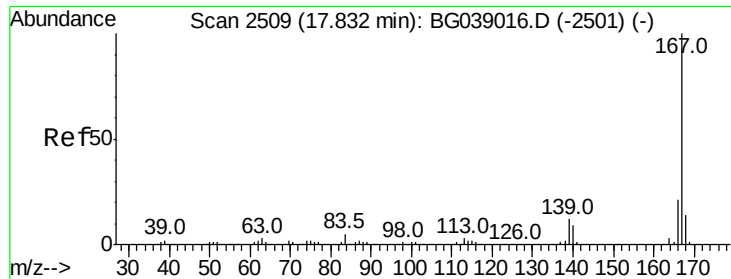
#72
Anthracene
Concen: 42.566 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039188.D
Acq: 17 Jan 2019 16:04

Tgt Ion:178 Resp: 302352
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 16.1 13.0 19.4



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

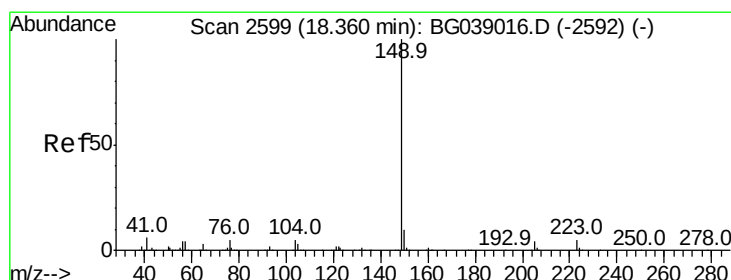
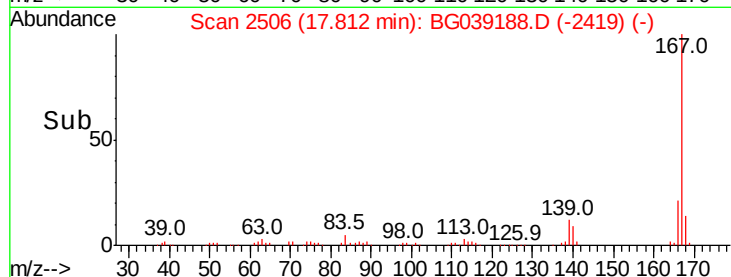
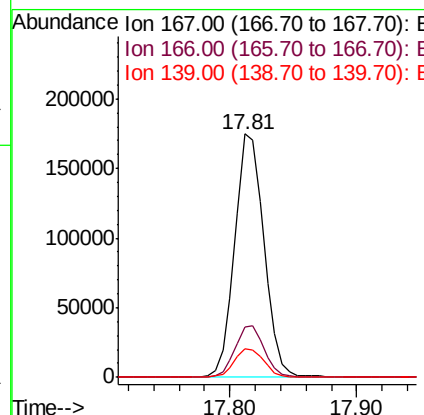
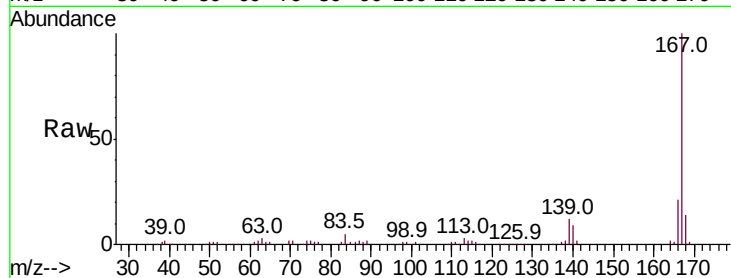




#73
 Carbazole
 Concen: 39.597 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

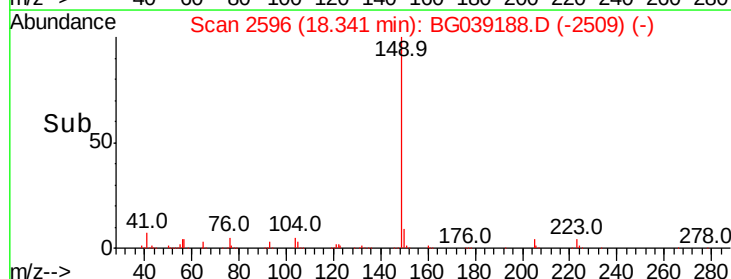
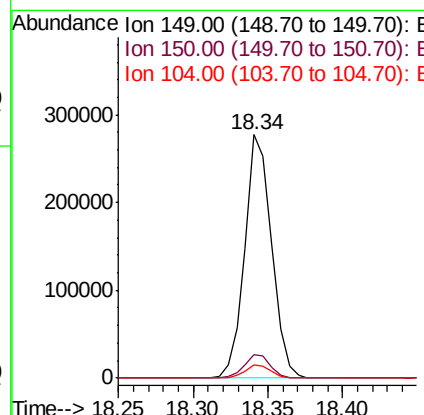
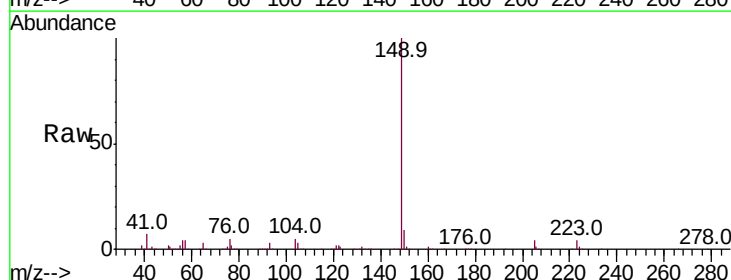
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

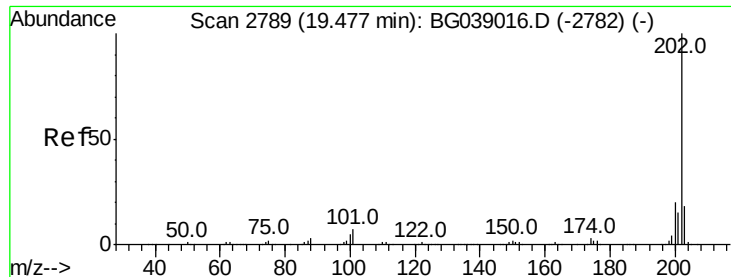
Tot Ion:167 Resp: 277660
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 11.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.227 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:149 Resp: 345001
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.4 4.2 6.2

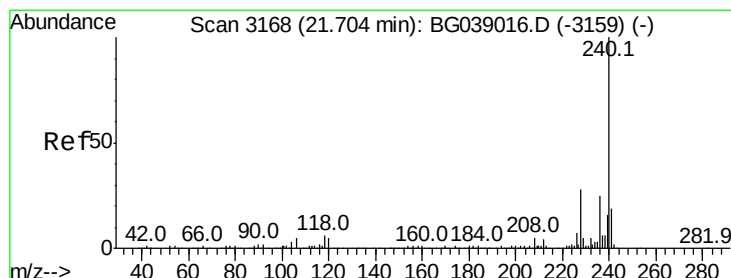
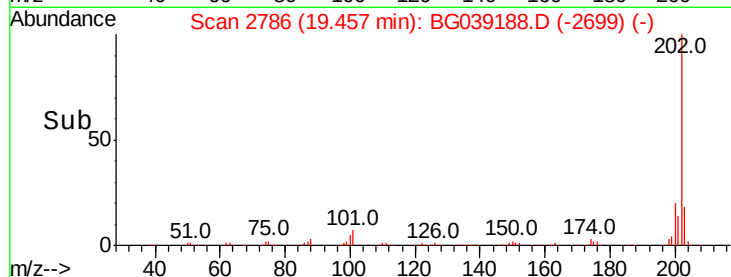
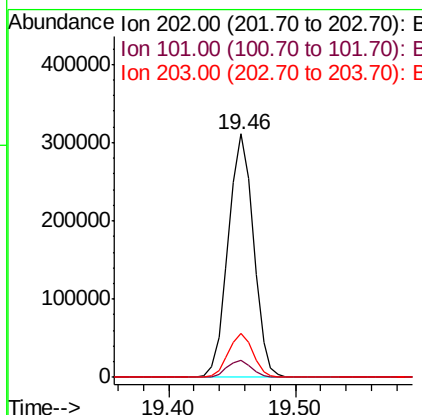
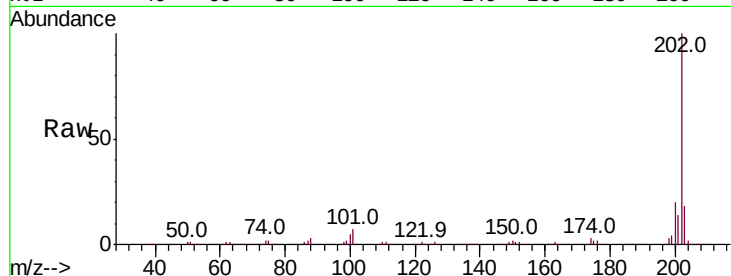




#75
 Fluoranthene
 Concen: 48.247 ng
 RT: 19.46 min Scan# 2786
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

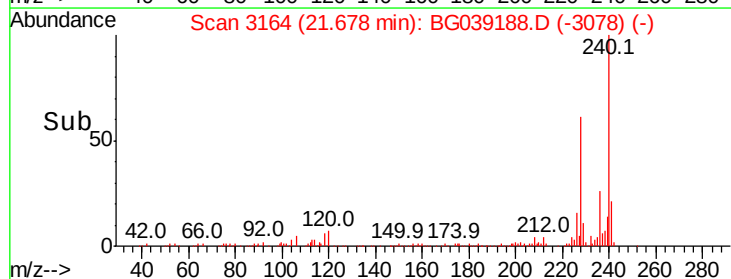
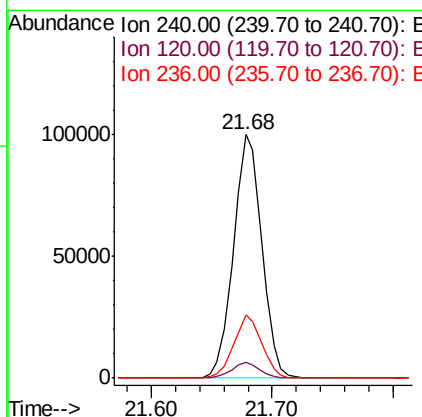
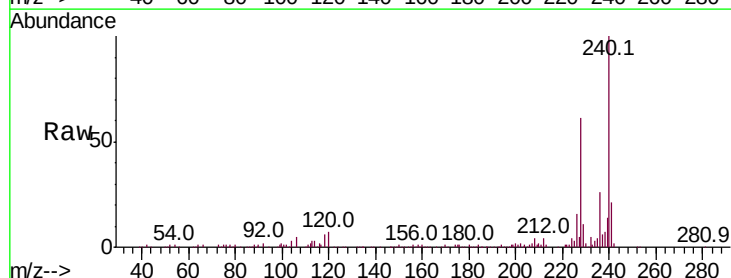
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

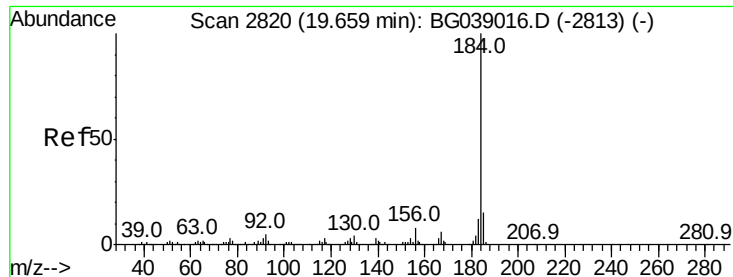
Tot Ion:	202	Resp:	429689
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	26.9
203	18.1	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.03 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion:	240	Resp:	163640
Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.3	6.5#
236	25.9	20.1	30.1





#77

Benzidine

Concen: 31.429 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

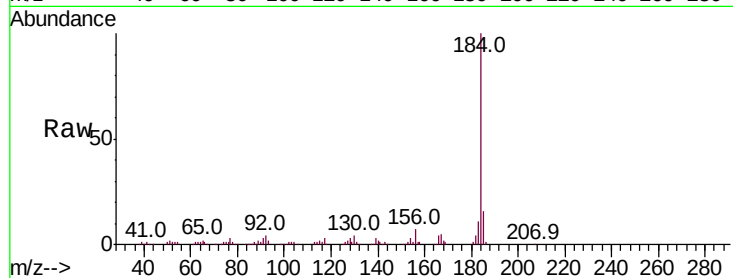
Tot Ion:184 Resp: 157307

Ion Ratio Lower Upper

184 100

185 15.8 12.1 18.1

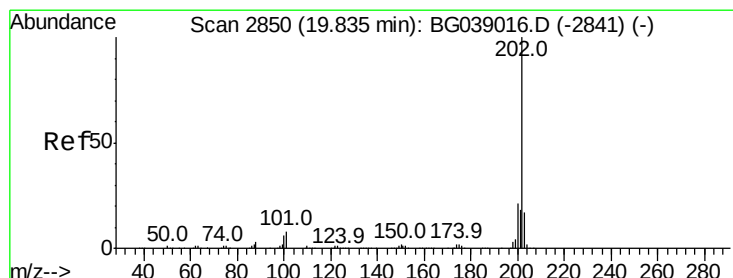
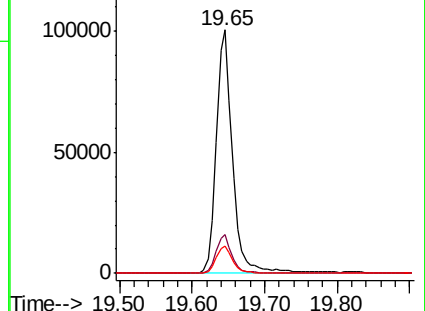
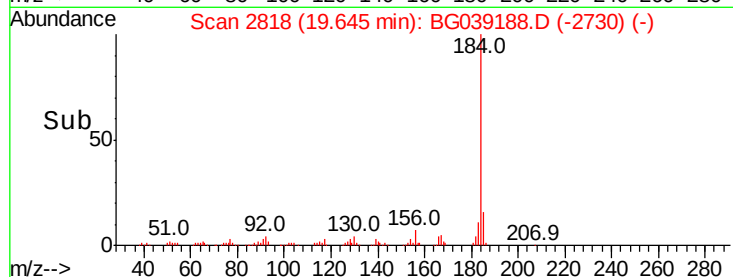
183 11.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.073 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

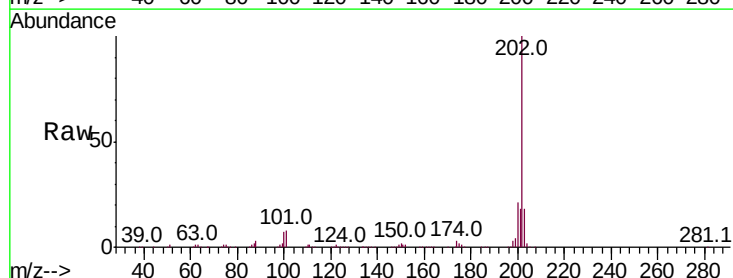
Tgt Ion:202 Resp: 438763

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

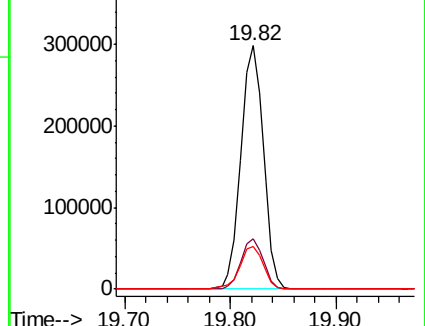
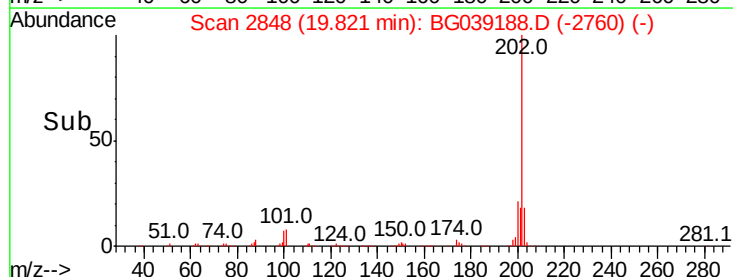
203 17.6 14.0 21.0

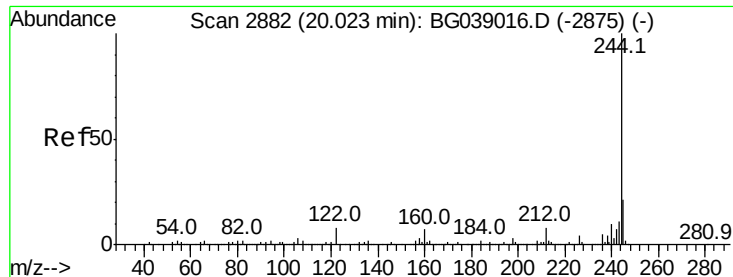


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.933 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

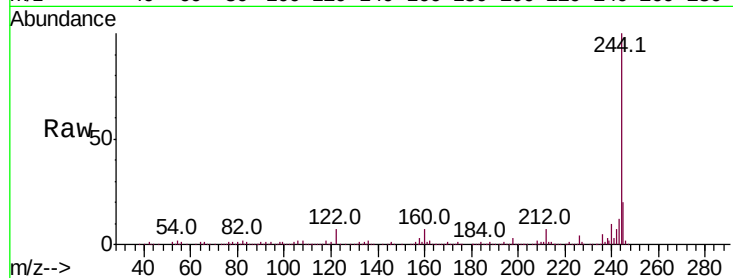
Tot Ion:244 Resp: 689387

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

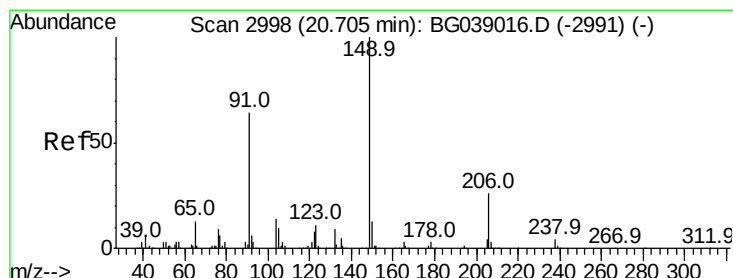
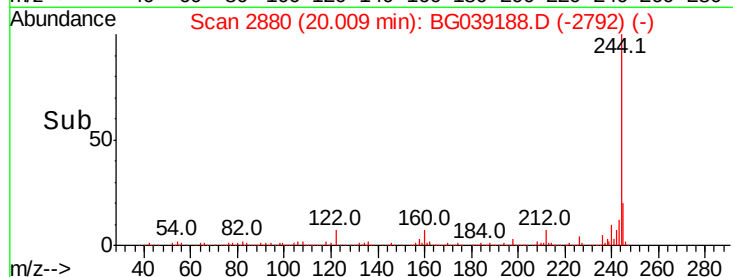
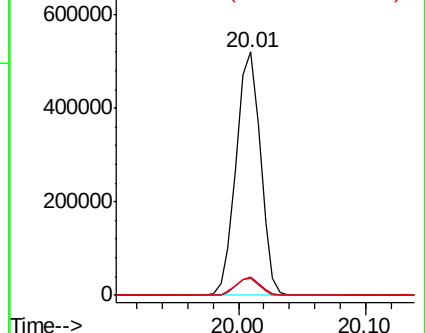
122 6.8 6.1 9.1



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: 41.121 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

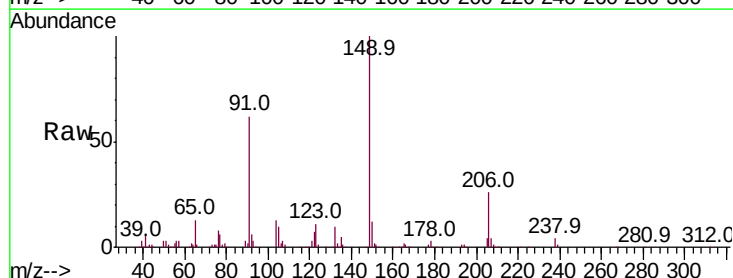
Tgt Ion:149 Resp: 163102

Ion Ratio Lower Upper

149 100

91 61.9 51.4 77.0

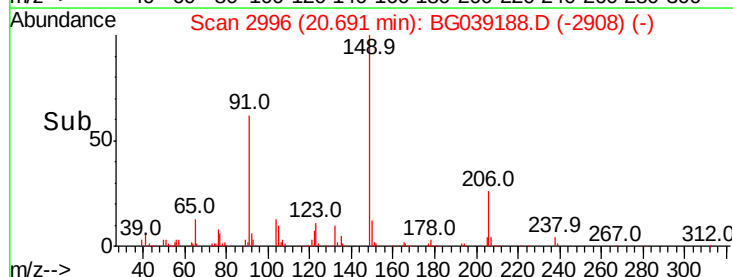
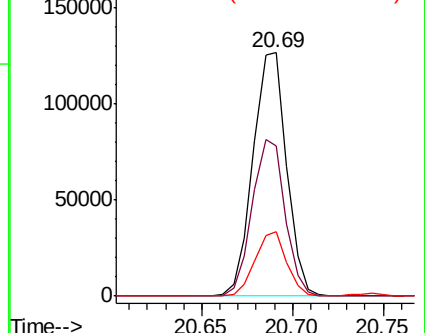
206 26.3 20.4 30.6

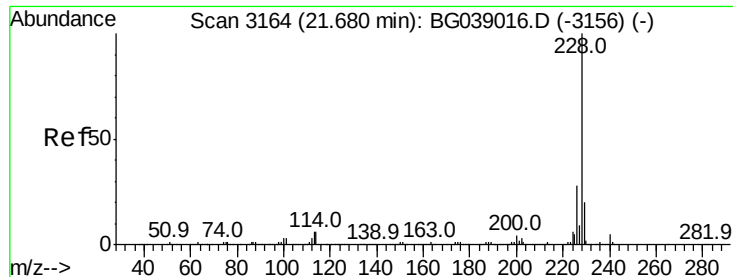


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.275 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

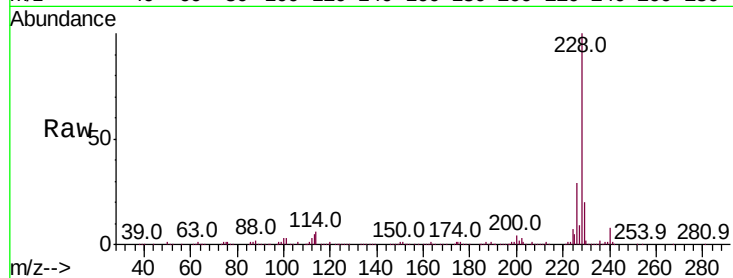
Tot Ion:228 Resp: 431087

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

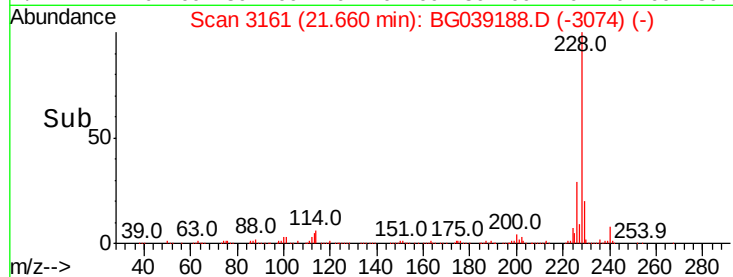
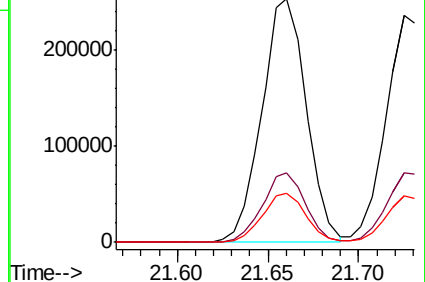
229 20.2 16.2 24.2



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: 24.132 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

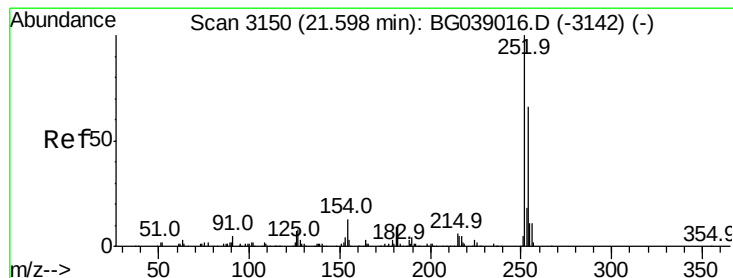
Tgt Ion:252 Resp: 97946

Ion Ratio Lower Upper

252 100

254 63.0 53.0 79.6

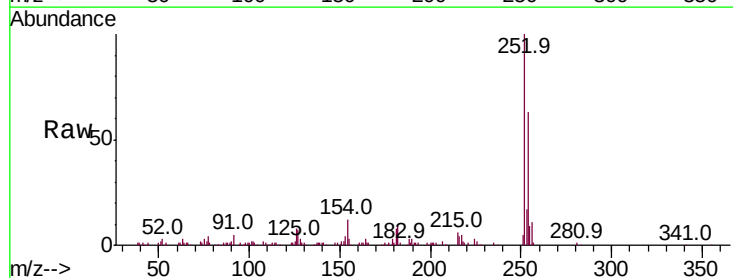
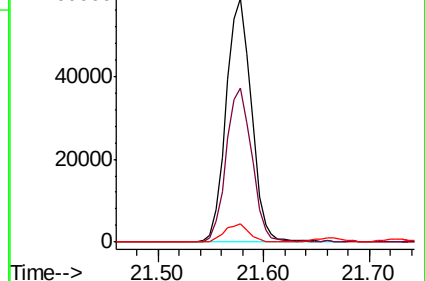
126 7.5 6.0 9.0

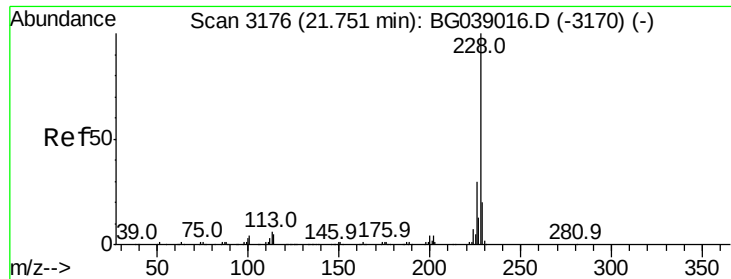


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

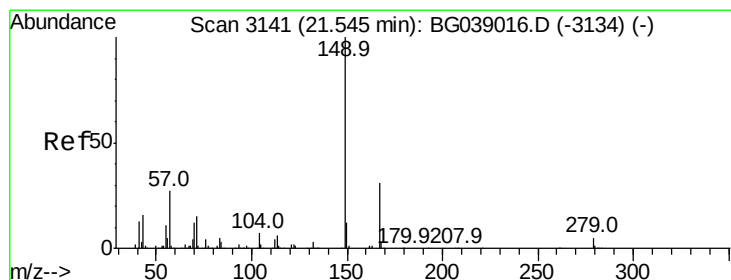
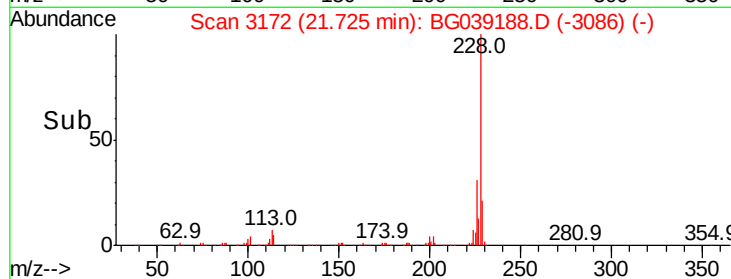
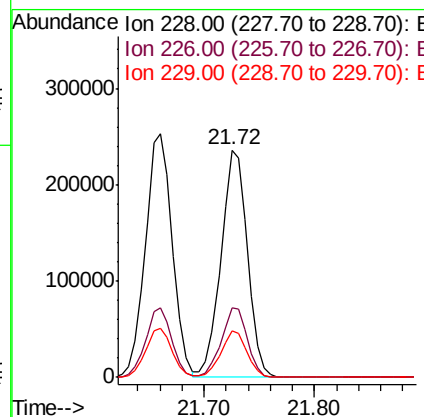
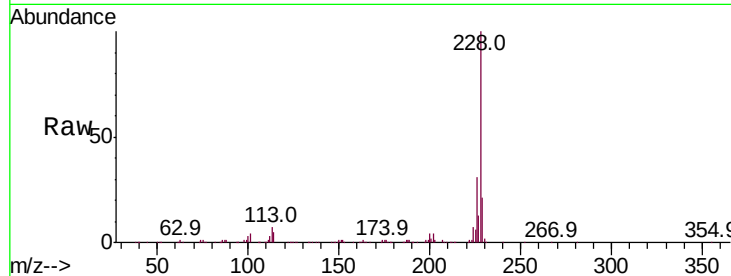




#83
 Chrysene
 Concen: 41.328 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.03 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

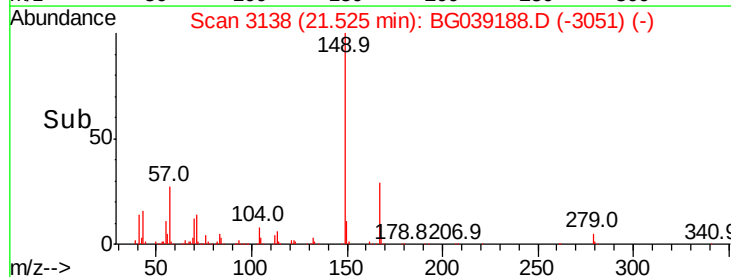
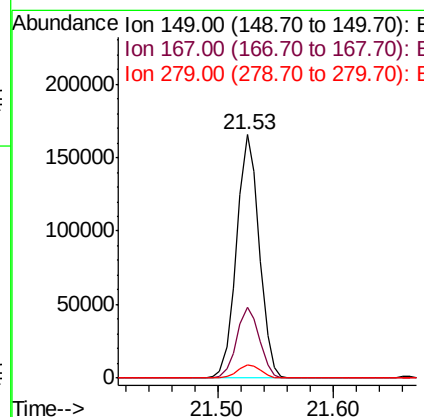
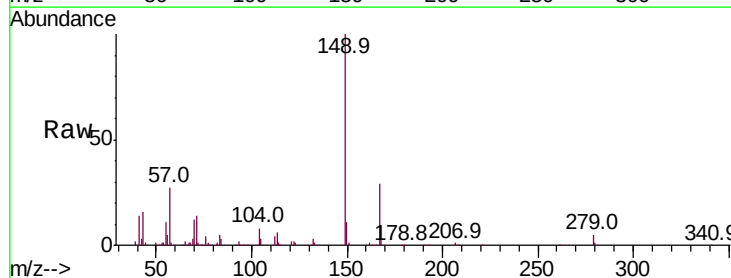
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BS

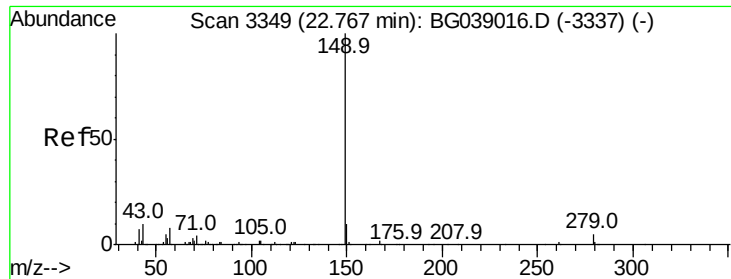
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	20.6	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.905 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039188.D
 Acq: 17 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	25.0	37.4
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.837 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.03 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

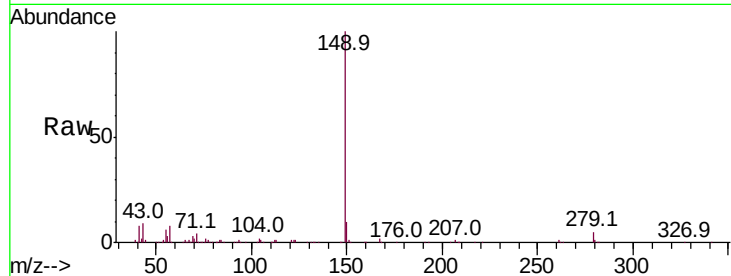
Tot Ion:149 Resp: 389605

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

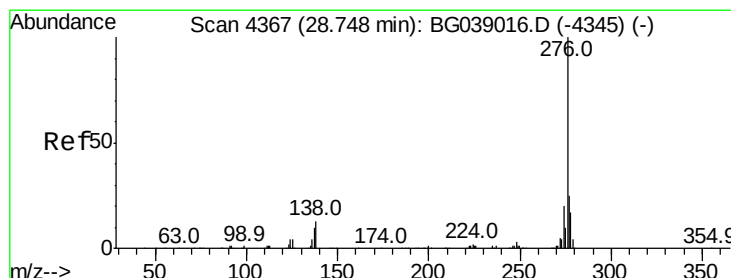
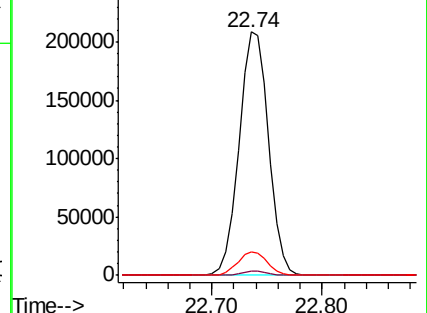
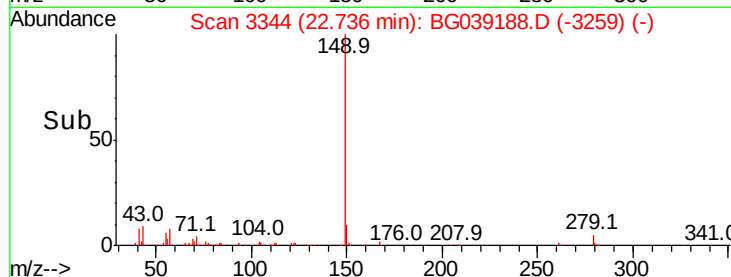
43 9.7 7.5 11.3



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: 42.591 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.07 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

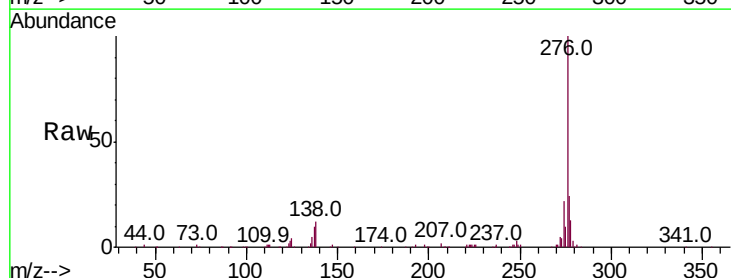
Tgt Ion:276 Resp: 482166

Ion Ratio Lower Upper

276 100

138 8.1 8.0 12.0

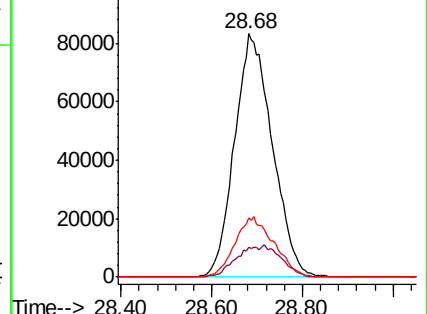
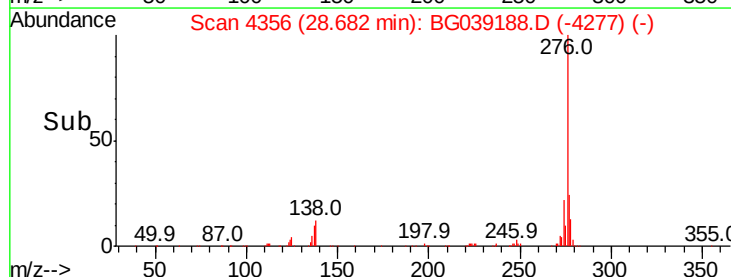
277 25.4 20.3 30.5

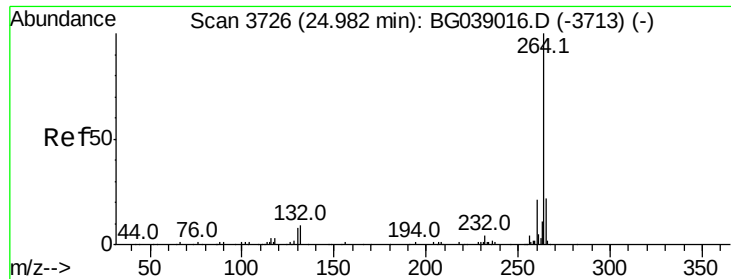


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

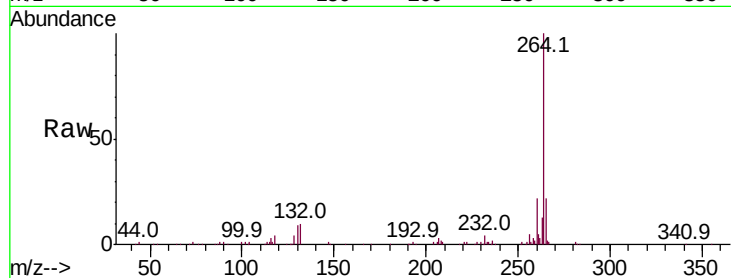
Tot Ion:264 Resp: 175141

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 22.3 17.2 25.8

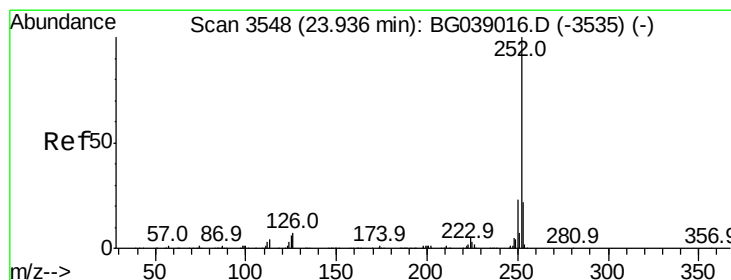
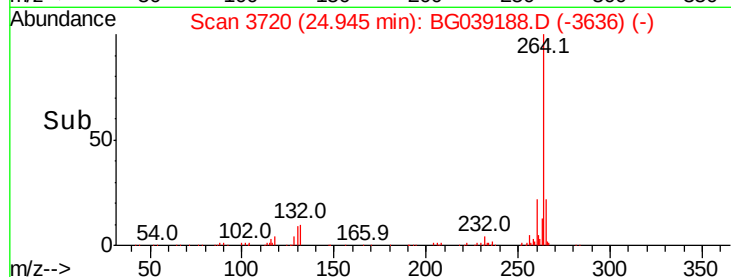
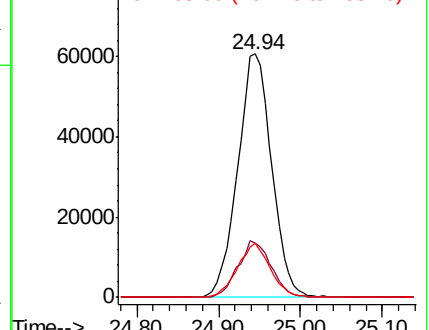


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.349 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

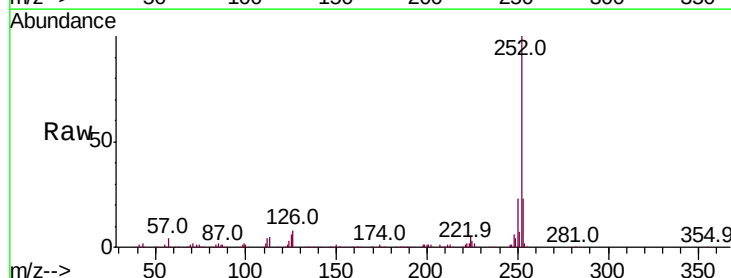
Tgt Ion:252 Resp: 437944

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 6.2 4.9 7.3

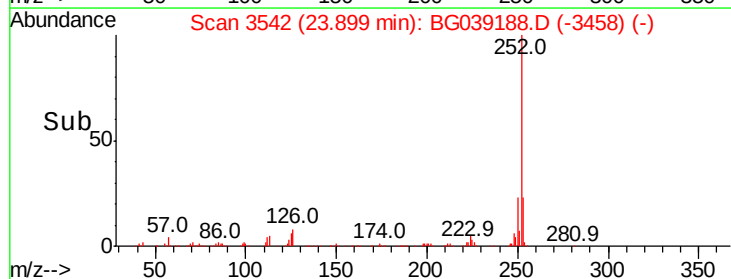
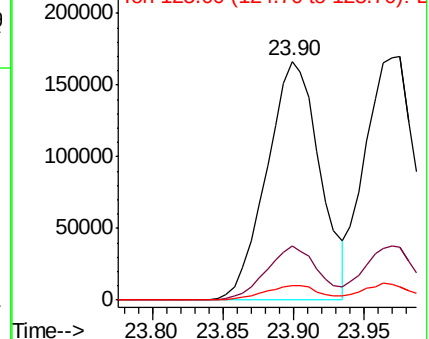


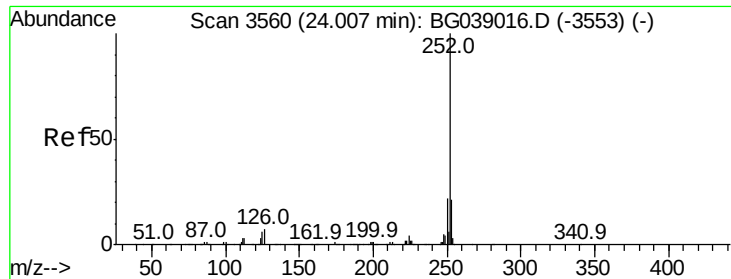
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.449 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.03 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

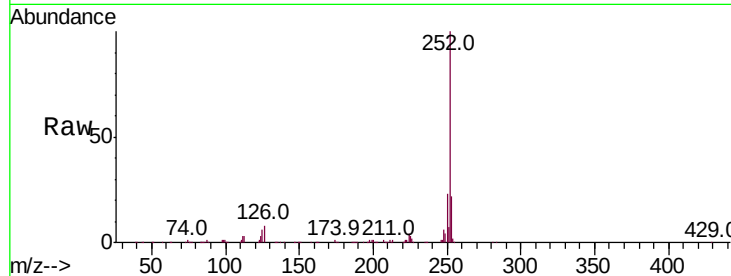
Tot Ion:252 Resp: 424415

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

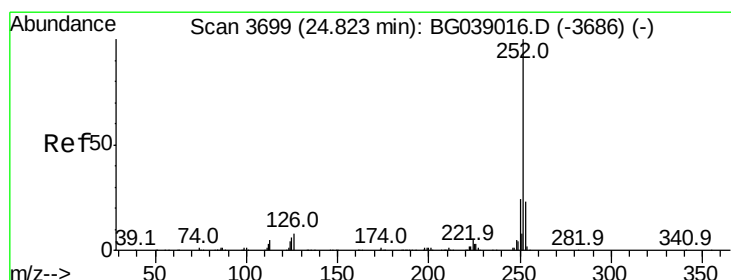
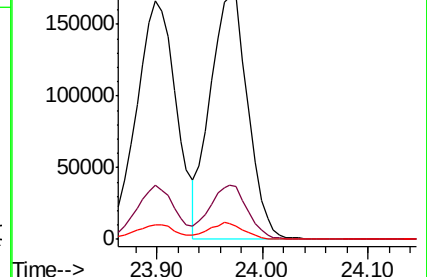
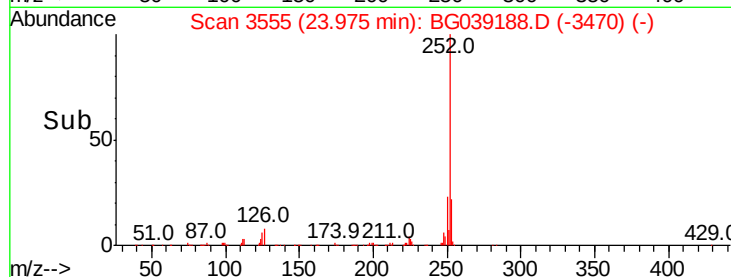
125 5.5 4.6 7.0



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: 45.021 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

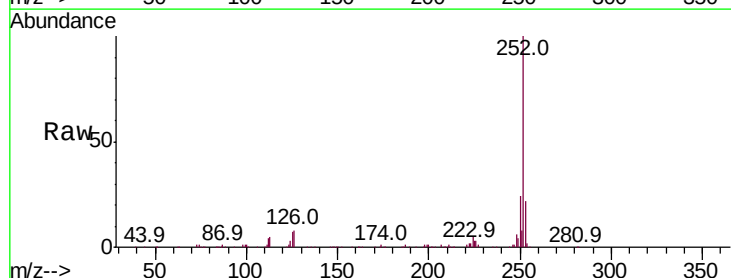
Tgt Ion:252 Resp: 420248

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

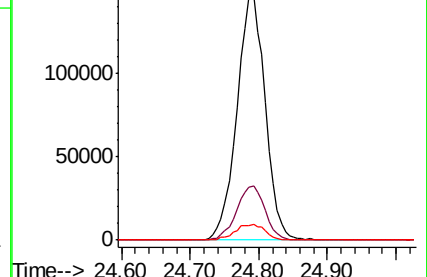
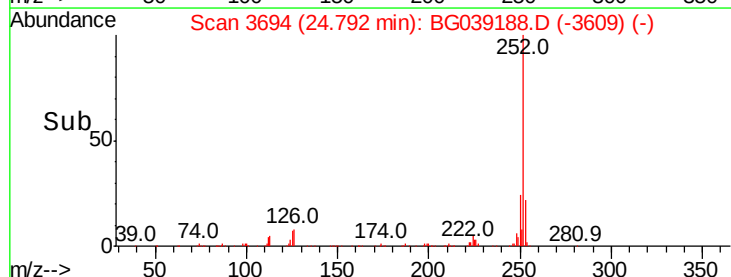
125 6.7 4.9 7.3

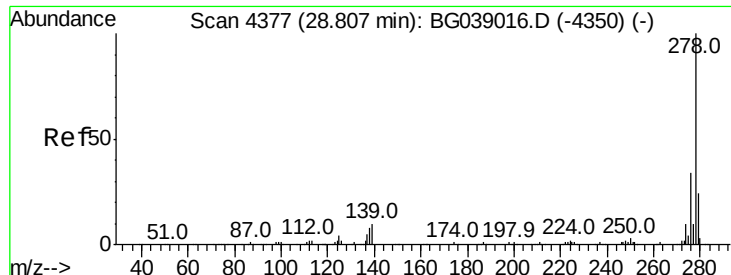


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.861 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.07 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB116414BS

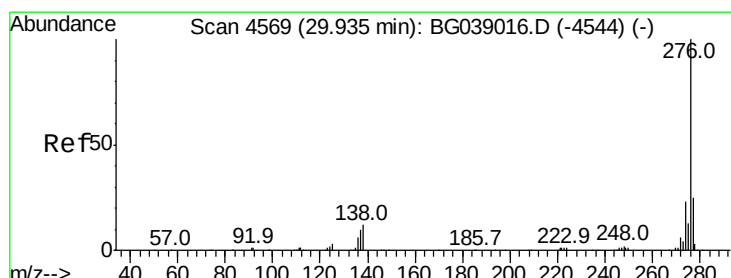
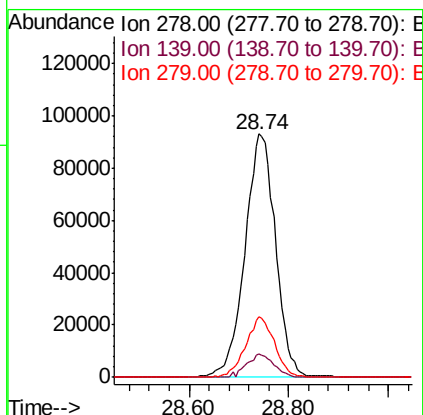
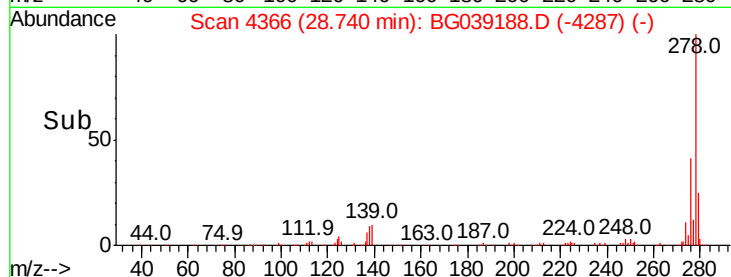
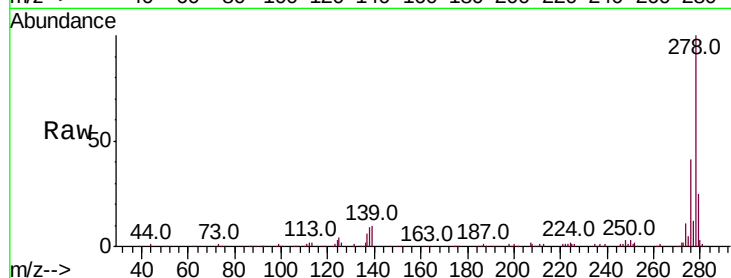
Tot Ion:278 Resp: 397953

Ion Ratio Lower Upper

278 100

139 9.7 7.9 11.9

279 24.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.582 ng

RT: 29.87 min Scan# 4559

Delta R.T. -0.06 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion:276 Resp: 409784

Ion Ratio Lower Upper

276 100

277 23.5 20.3 30.5

138 13.4 9.4 14.2

