

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039508.D
 Acq On : 14 Feb 2019 11:16
 Operator : JU/SJ
 Sample : PB117058BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Quant Time: Feb 14 16:00:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	79790	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	357066	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	241552	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	551031	20.00	ng	0.00
76) Chrysene-d12	21.84	240	534011	20.00	ng	0.00
87) Perylene-d12	25.22	264	541766	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	635117	136.23	ng	0.00
7) Phenol-d6	7.33	99	991593	144.50	ng	0.00
23) Nitrobenzene-d5	9.35	82	481452	84.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	425011	163.40	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1148991	68.24	ng	-0.02
79) Terphenyl-d14	20.14	244	1743388	69.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	71816	35.217	ng	95
3) Pyridine	4.01	79	221689	41.060	ng	95
4) n-Nitrosodimethylamine	3.93	42	114067	42.244	ng	93
6) Aniline	7.50	93	373237	43.422	ng	99
8) 2-Chlorophenol	7.73	128	227135	44.572	ng	96
9) Benzaldehyde	7.32	77	143332	42.598	ng	99
10) Phenol	7.35	94	320108	44.749	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	226917	40.144	ng	97
12) 1,3-Dichlorobenzene	8.06	146	245745	39.807	ng	98
13) 1,4-Dichlorobenzene	8.21	146	252989	41.116	ng	98
14) 1,2-Dichlorobenzene	8.53	146	241996	40.626	ng	99
15) Benzyl Alcohol	8.42	79	238971	44.357	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	439264	34.412	ng	99
17) 2-Methylphenol	8.61	107	213075	46.029	ng	97
18) Hexachloroethane	9.26	117	89365	42.215	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	197032	40.453	ng	93
20) 3+4-Methylphenols	8.94	107	301244	47.257	ng	98
22) Acetophenone	9.00	105	372045	38.790	ng	96
24) Nitrobenzene	9.40	77	290123	46.985	ng	96
25) Isophorone	9.91	82	567091	44.773	ng	98
26) 2-Nitrophenol	10.10	139	150411	58.163	ng	99
27) 2,4-Dimethylphenol	10.15	122	251340	49.055	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	333800	42.787	ng	96
29) 2,4-Dichlorophenol	10.64	162	278665	49.764	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	271880	43.245	ng	98
31) Naphthalene	11.05	128	762761	43.060	ng	97
32) Benzoic acid	10.31	122	197517	56.828	ng	97
33) 4-Chloroaniline	11.16	127	367735	44.773	ng	97
34) Hexachlorobutadiene	11.31	225	171313	40.974	ng	95
35) Caprolactam	11.96	113	76074	32.830	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	299585	46.260	ng	93
37) 2-Methylnaphthalene	12.64	142	591297	45.069	ng	99
38) 1-Methylnaphthalene	12.86	142	561179	44.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	328555	42.750	ng	99

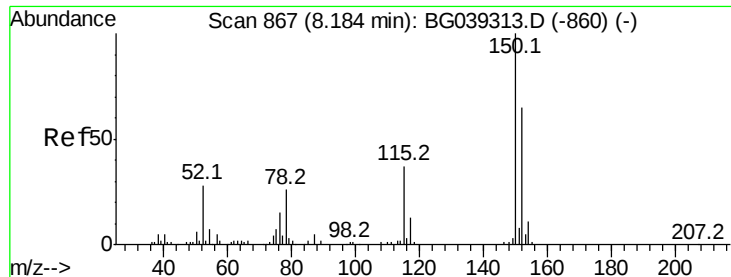
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	361131	86.231	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	233232	49.357	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	252096	50.901	ng	98
46) 1,1'-Biphenyl	13.63	154	776266	38.625	ng	97
47) 2-Chloronaphthalene	13.69	162	612491	40.511	ng	97
48) 2-Nitroaniline	13.89	65	216206	49.473	ng	95
49) Acenaphthylene	14.53	152	957804	41.984	ng	99
50) Dimethylphthalate	14.25	163	800627	41.040	ng	99
51) 2,6-Dinitrotoluene	14.38	165	182255	49.715	ng	97
52) Acenaphthene	14.86	154	588145	39.716	ng	98
53) 3-Nitroaniline	14.71	138	185617	47.279	ng	# 91
54) 2,4-Dinitrophenol	14.91	184	169151	95.691	ng	98
55) Dibenzofuran	15.19	168	955606	40.247	ng	97
56) 4-Nitrophenol	15.01	139	299624	84.585	ng	90
57) 2,4-Dinitrotoluene	15.16	165	263298	55.010	ng	# 85
58) Fluorene	15.84	166	750482	42.401	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	238167	51.360	ng	98
60) Diethylphthalate	15.60	149	796588	39.493	ng	96
61) 4-Chlorophenyl-phenylether	15.83	204	407845	40.695	ng	94
62) 4-Nitroaniline	15.88	138	194131	47.502	ng	89
63) Azobenzene	16.12	77	715288	36.282	ng	96
65) 4,6-Dinitro-2-methylphenol	15.92	198	137420	58.314	ng	95
66) n-Nitrosodiphenylamine	16.05	169	686208	40.955	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	269288	44.051	ng	94
68) Hexachlorobenzene	16.83	284	273282	44.557	ng	96
69) Atrazine	16.99	200	245367	40.073	ng	97
70) Pentachlorophenol	17.18	266	349490	81.988	ng	98
71) Phenanthrene	17.59	178	1189772	41.717	ng	97
72) Anthracene	17.68	178	1195446	42.555	ng	97
73) Carbazole	17.95	167	1053436	37.575	ng	100
74) Di-n-butylphthalate	18.48	149	1279196	39.111	ng	98
75) Fluoranthene	19.58	202	1362493	41.160	ng	99
77) Benzidine	19.77	184	1276310	72.899	ng	96
78) Pyrene	19.95	202	1355959	40.789	ng	97
80) Butylbenzylphthalate	20.82	149	590132	42.082	ng	95
81) Benzo(a)anthracene	21.82	228	1353069	42.881	ng	97
82) 3,3'-Dichlorobenzidine	21.73	252	513949	43.927	ng	97
83) Chrysene	21.89	228	1250736	41.639	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	826921	41.333	ng	# 99
85) Di-n-octyl phthalate	22.95	149	1411778	42.713	ng	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1535013	47.630	ng	99
88) Benzo(b)fluoranthene	24.14	252	1325334	44.857	ng	97
89) Benzo(k)fluoranthene	24.21	252	1275816	43.010	ng	99
90) Benzo(a)pyrene	25.06	252	1297453	45.597	ng	99
91) Dibenzo(a,h)anthracene	29.19	278	1235793	46.375	ng	98
92) Benzo(g,h,i)perylene	30.35	276	1277738	48.107	ng	99

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

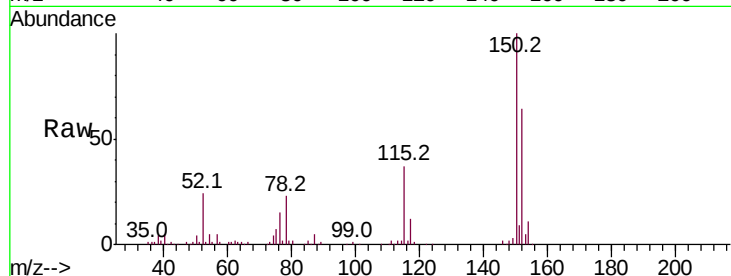


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	57.3	45.9	68.9

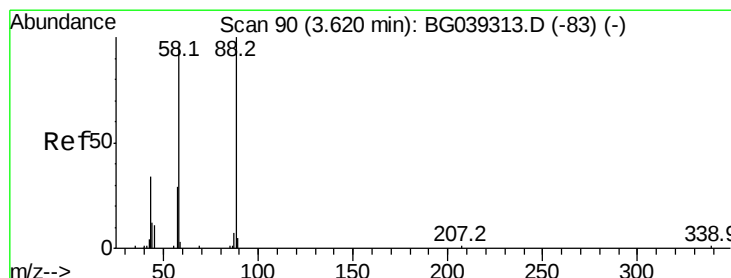
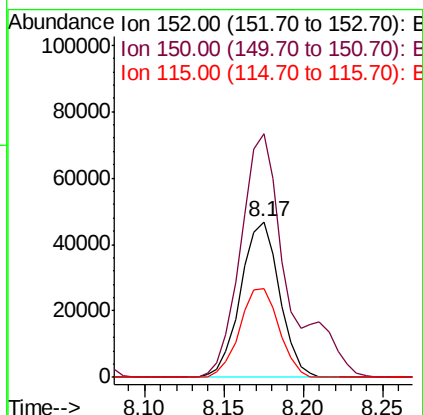
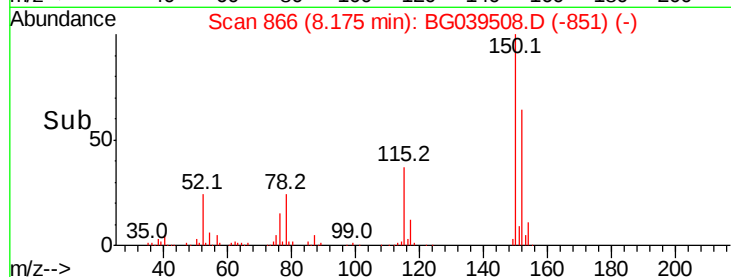


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

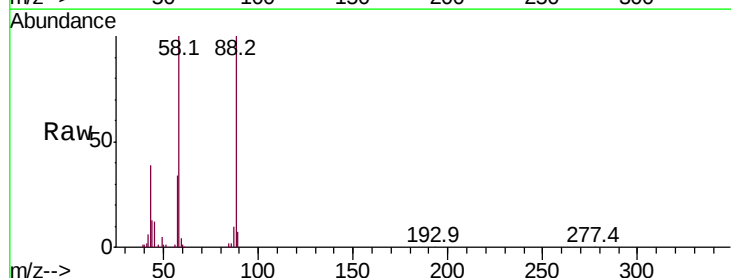
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.217 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.4	81.1	121.7
43	37.1	31.4	47.0

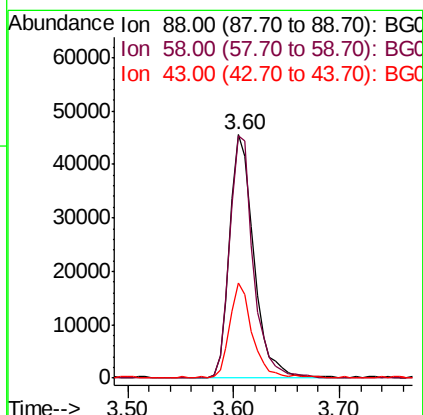
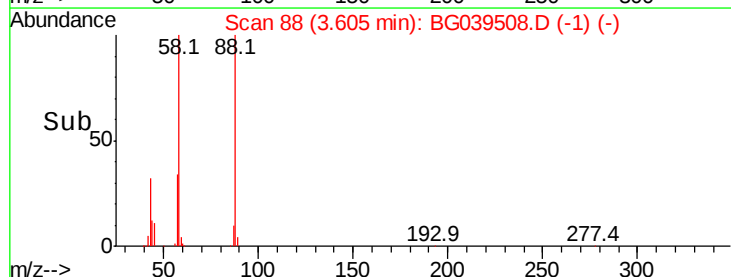


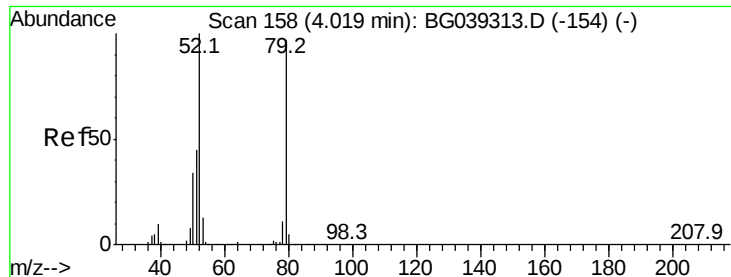
Abundance

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: 41.060 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

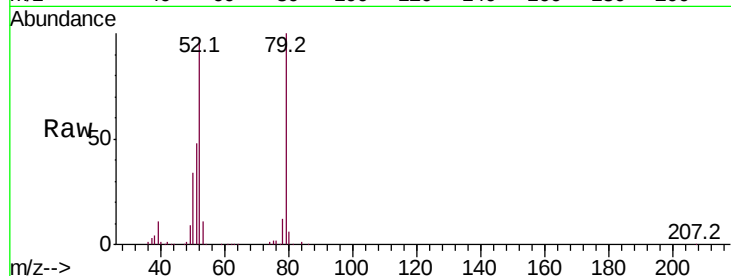
Tot Ion: 79 Resp: 221689

Ion Ratio Lower Upper

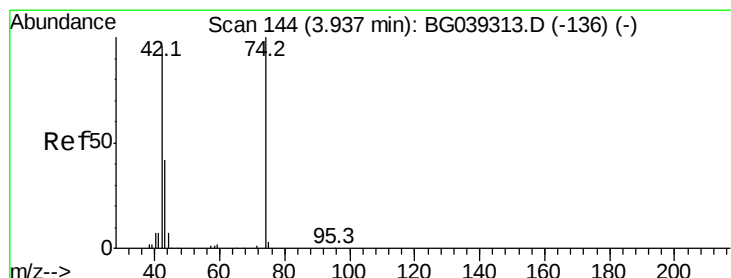
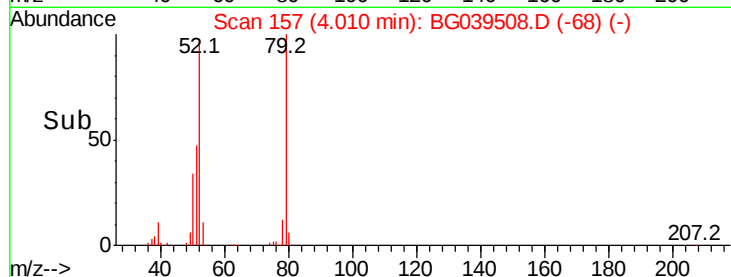
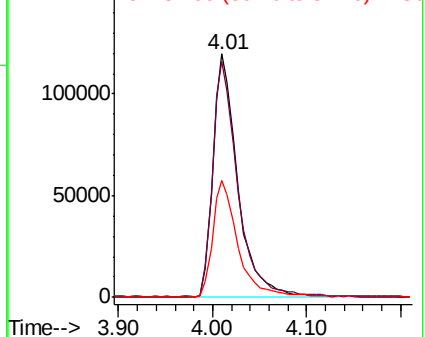
79 100

52 97.1 82.6 124.0

51 47.8 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.244 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

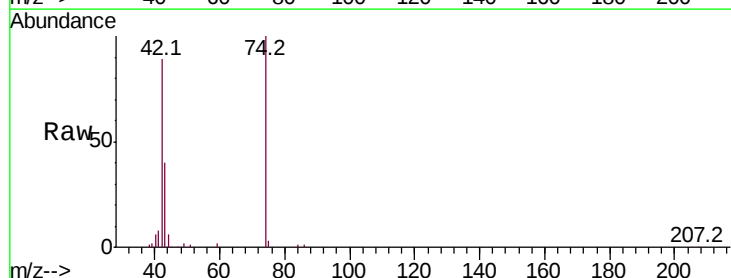
Tgt Ion: 42 Resp: 114067

Ion Ratio Lower Upper

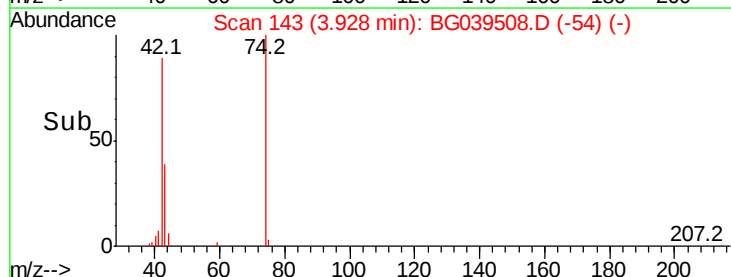
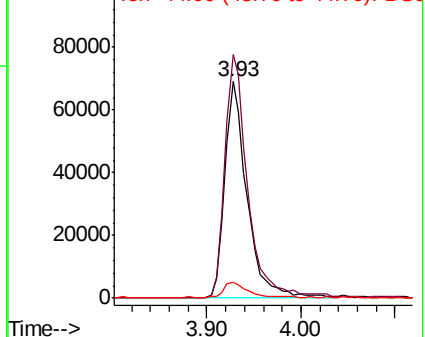
42 100

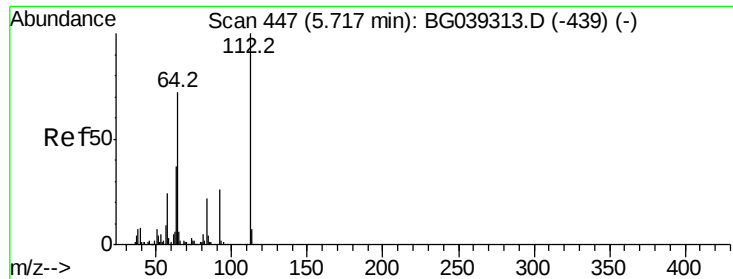
74 112.5 83.6 125.4

44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.234 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

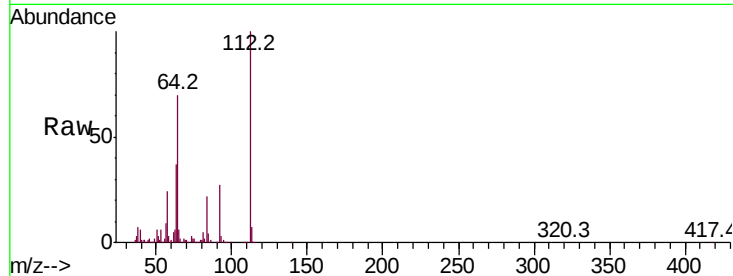
Tot Ion:112 Resp: 635117

Ion Ratio Lower Upper

112 100

64 70.2 57.8 86.8

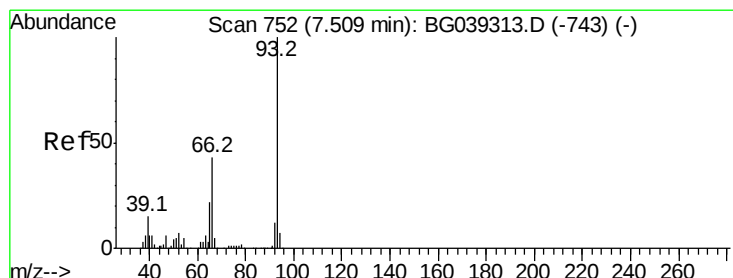
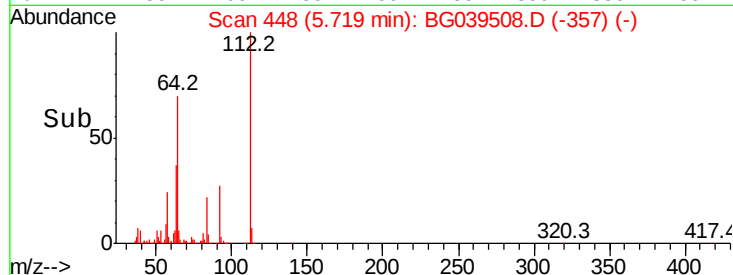
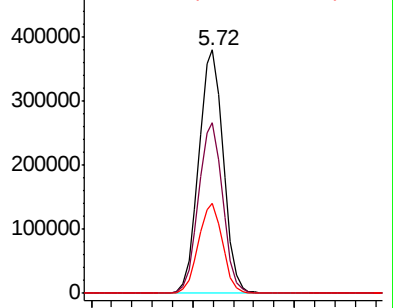
63 36.9 29.8 44.6



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: 43.422 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

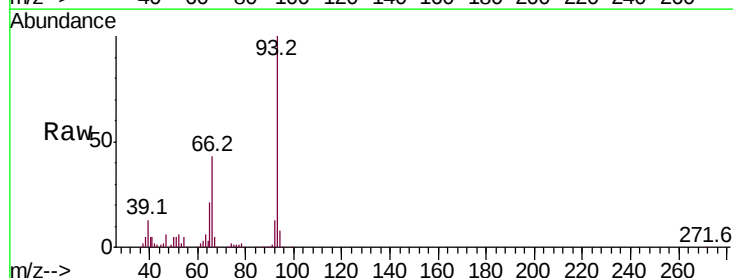
Tgt Ion: 93 Resp: 373237

Ion Ratio Lower Upper

93 100

66 43.3 34.2 51.4

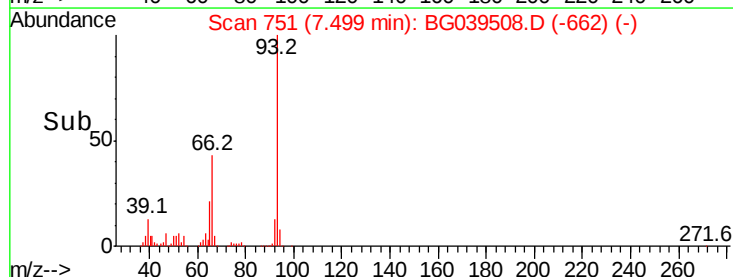
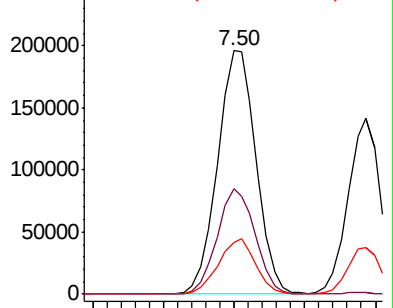
65 21.3 17.7 26.5

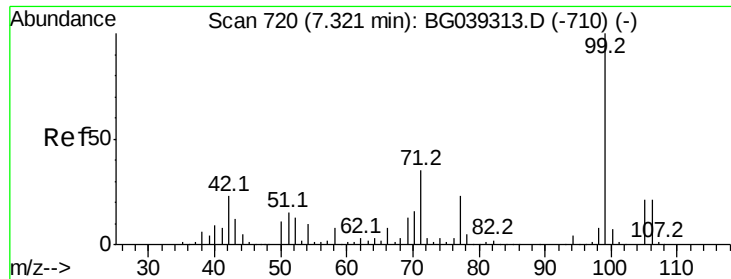


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.499 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

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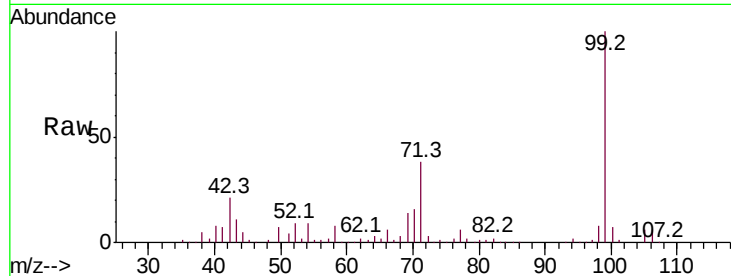
Tot Ion: 99 Resp: 991593

Ion Ratio Lower Upper

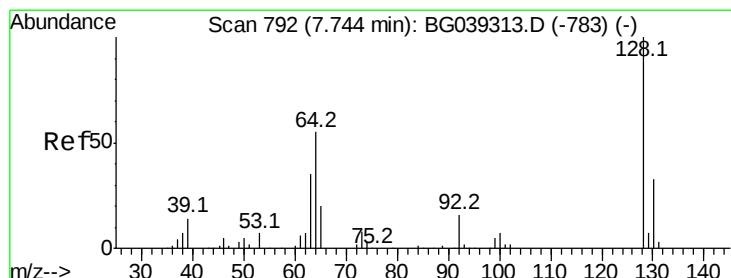
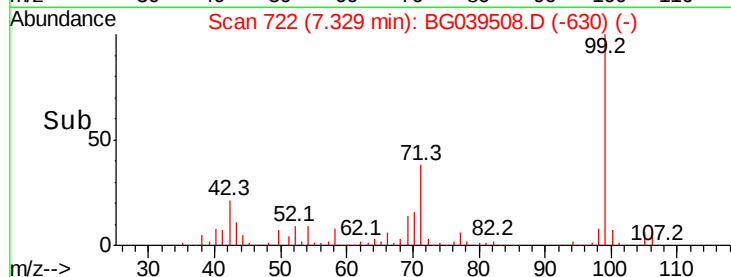
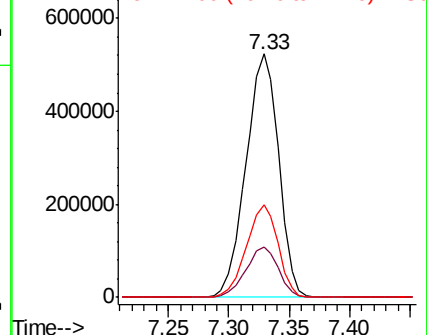
99 100

42 20.8 18.2 27.2

71 38.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 44.572 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

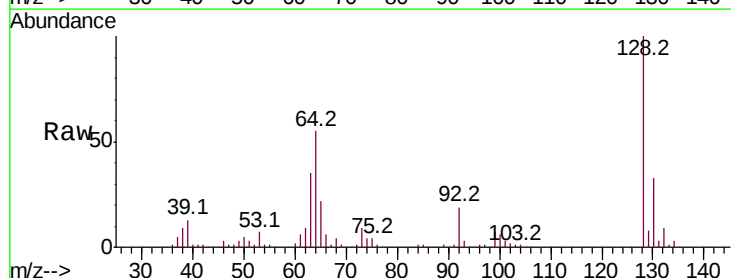
Tgt Ion: 128 Resp: 227135

Ion Ratio Lower Upper

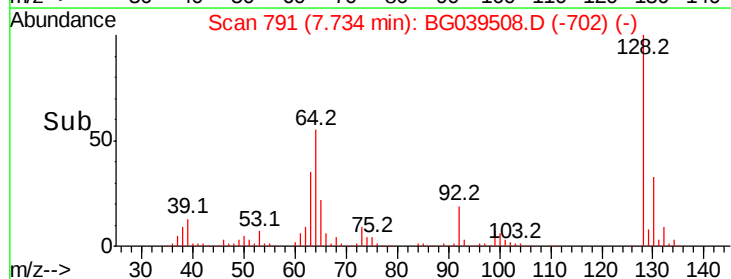
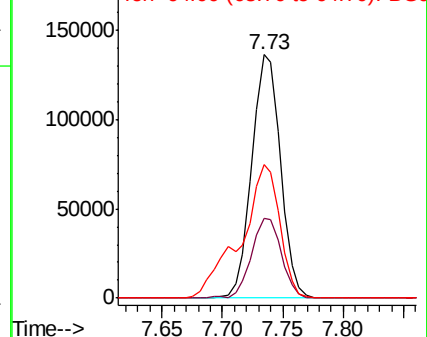
128 100

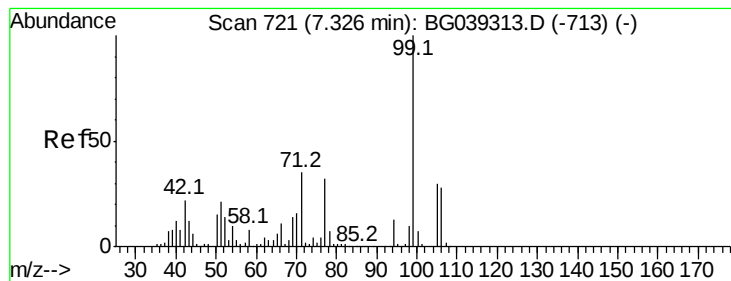
130 32.7 12.9 52.9

64 54.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 42.598 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleID :

PB117058BS

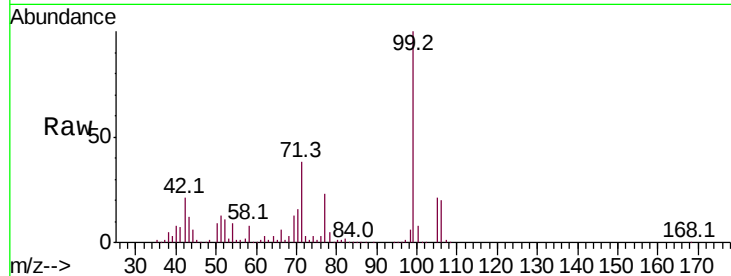
Tot Ion: 77 Resp: 143332

Ion Ratio Lower Upper

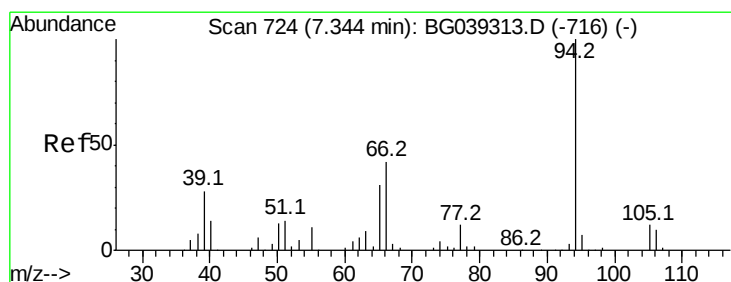
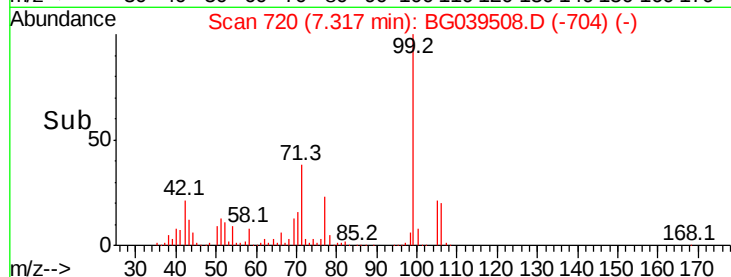
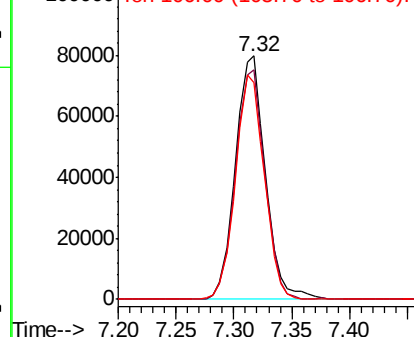
77 100

105 94.4 74.5 114.5

106 88.8 68.0 108.0



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



#10

Phenol

Concen: 44.749 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

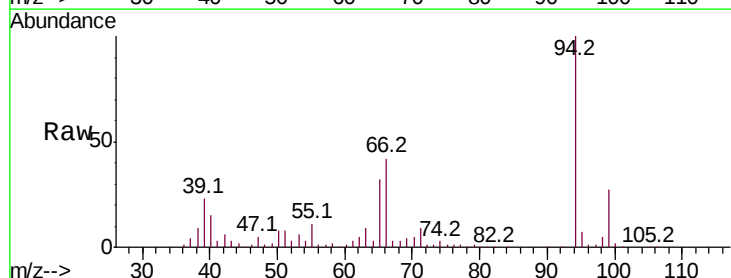
Tgt Ion: 94 Resp: 320108

Ion Ratio Lower Upper

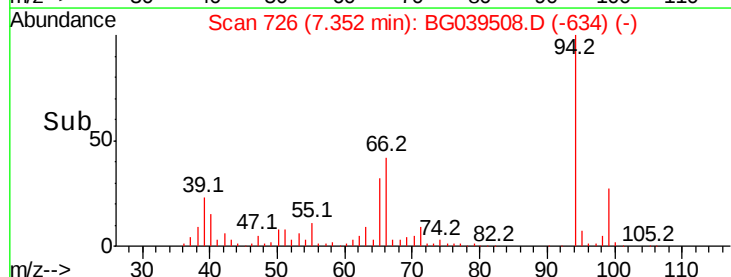
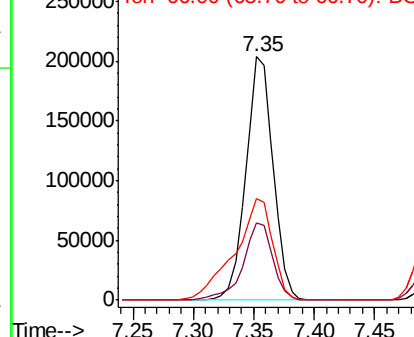
94 100

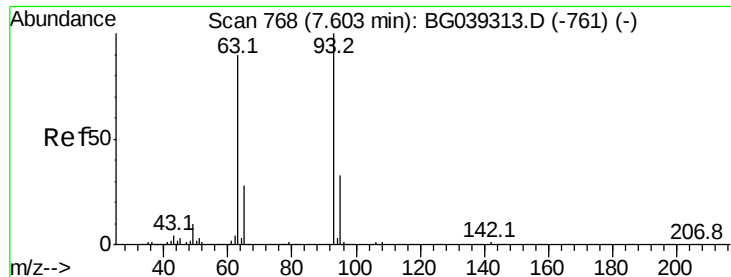
65 31.8 11.7 51.7

66 41.5 23.7 63.7



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

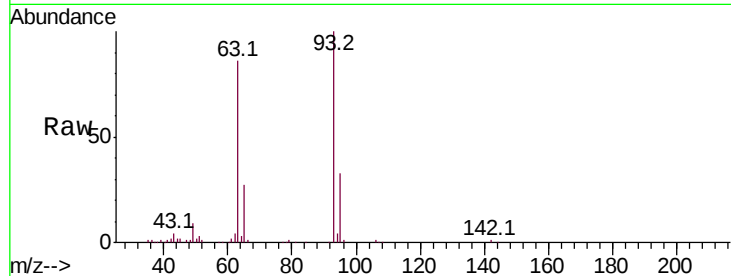




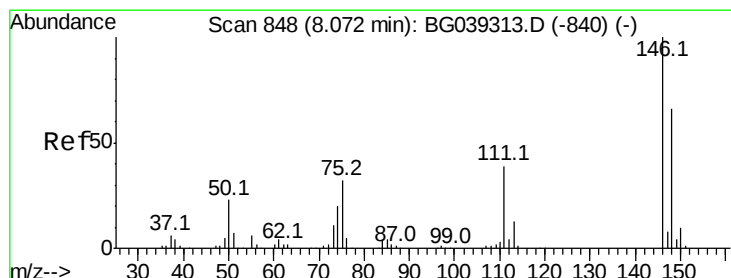
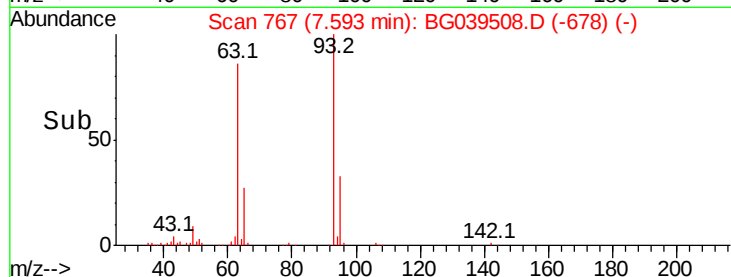
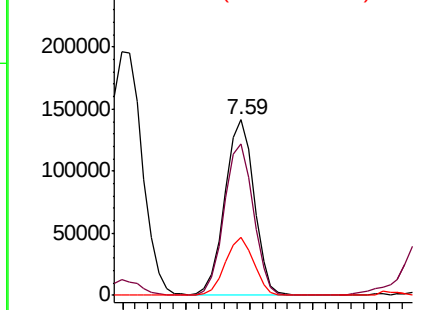
#11
bis(2-Chloroethyl)ether
Concen: 40.144 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion: 93 Resp: 226917
Ion Ratio Lower Upper
93 100
63 86.3 69.5 109.5
95 33.3 12.7 52.7

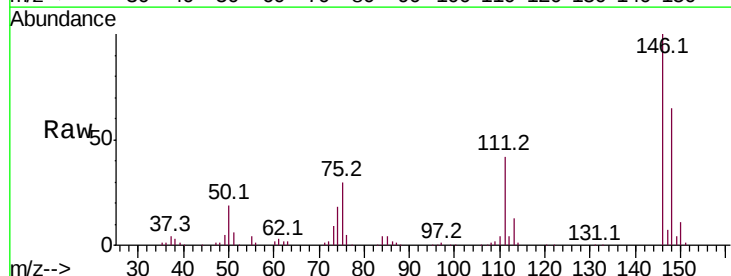


Abundance Ion 93.00 (92.70 to 93.70): BG039313.D (-761) (-)
Ion 63.00 (62.70 to 63.70): BG039313.D (-761) (-)
Ion 95.00 (94.70 to 95.70): BG039313.D (-761) (-)

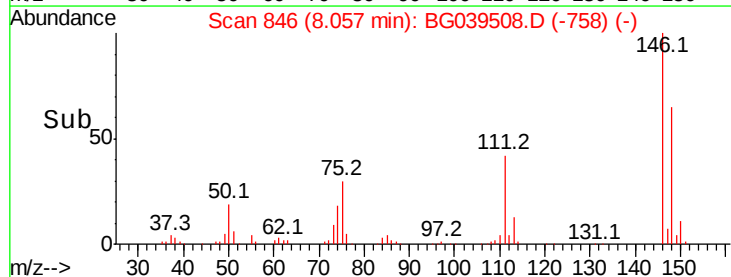
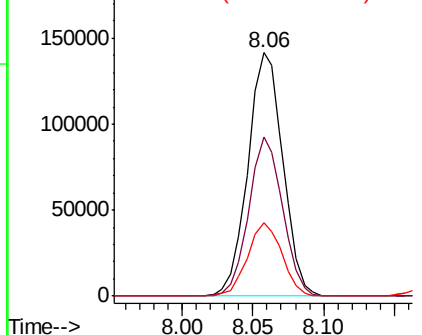


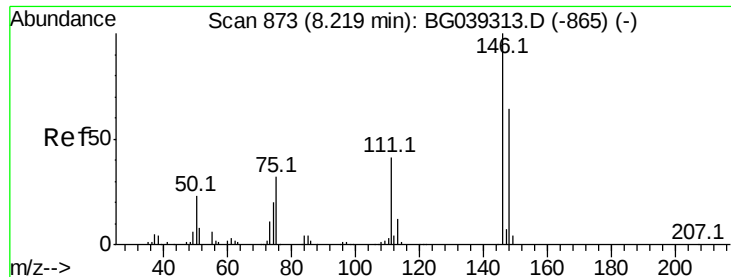
#12
1,3-Dichlorobenzene
Concen: 39.807 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion: 146 Resp: 245745
Ion Ratio Lower Upper
146 100
148 65.4 52.6 79.0
75 29.9 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BG039313.D (-840) (-)
Ion 148.00 (147.70 to 148.70): BG039313.D (-840) (-)
Ion 75.00 (74.70 to 75.70): BG039313.D (-840) (-)

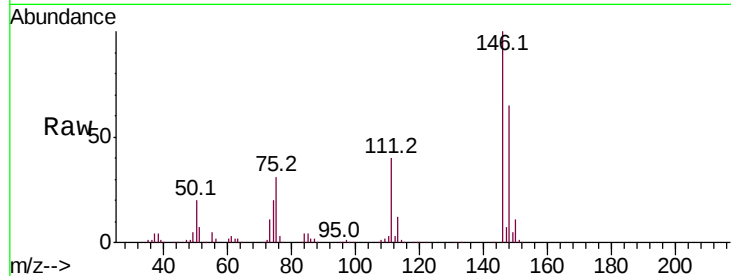




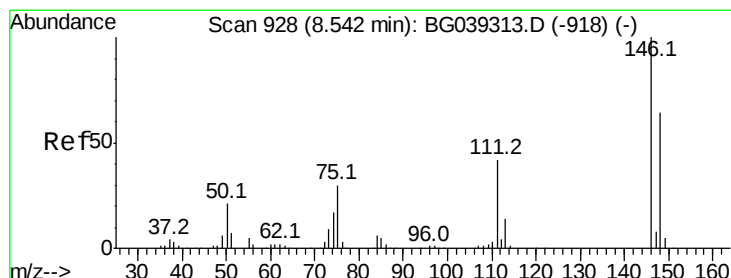
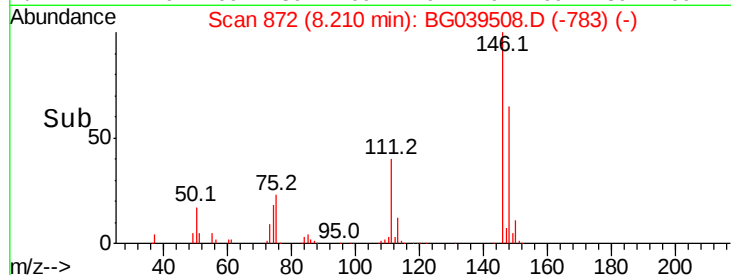
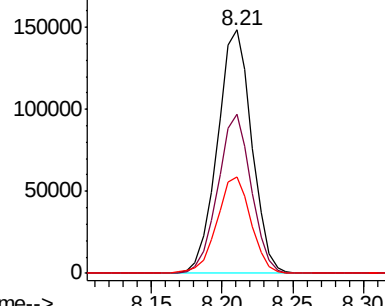
#13
1,4-Dichlorobenzene
Concen: 41.116 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:146 Resp: 252989
Ion Ratio Lower Upper
146 100
148 65.4 51.1 76.7
111 39.6 32.6 48.8

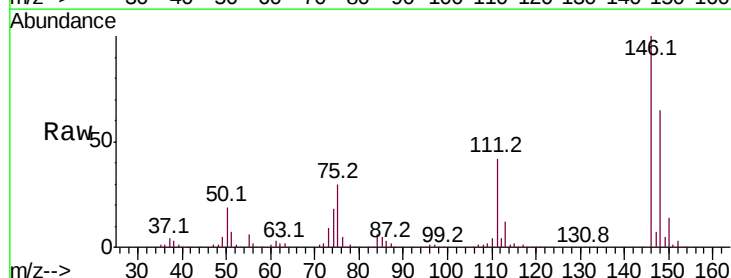


Abundance Ion 146.00 (145.70 to 146.70): E
200000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

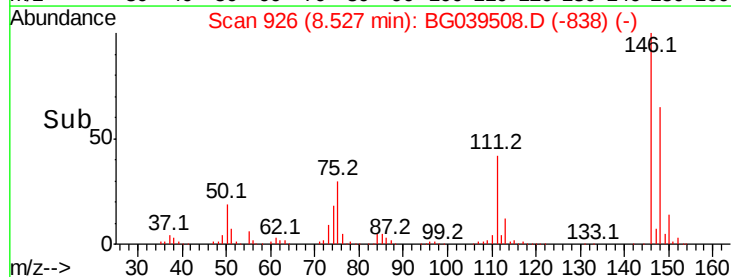
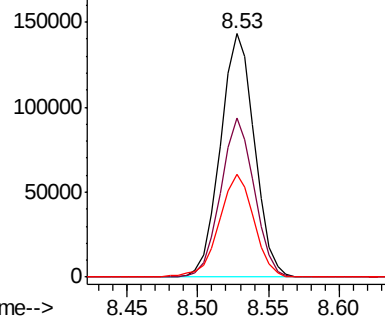


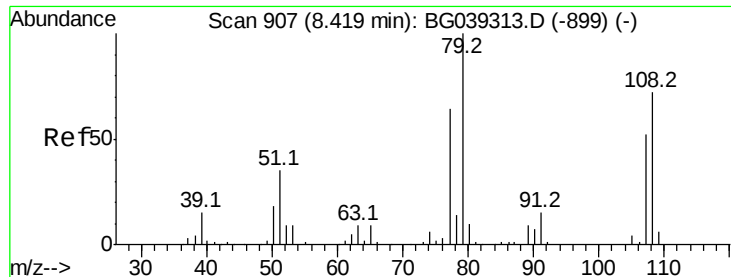
#14
1,2-Dichlorobenzene
Concen: 40.626 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:146 Resp: 241996
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 42.2 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
200000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.357 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

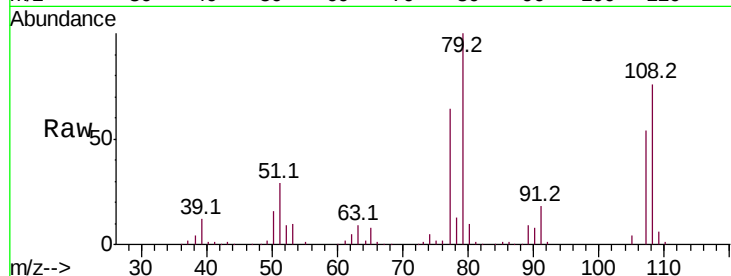
Tot Ion: 79 Resp: 238971

Ion Ratio Lower Upper

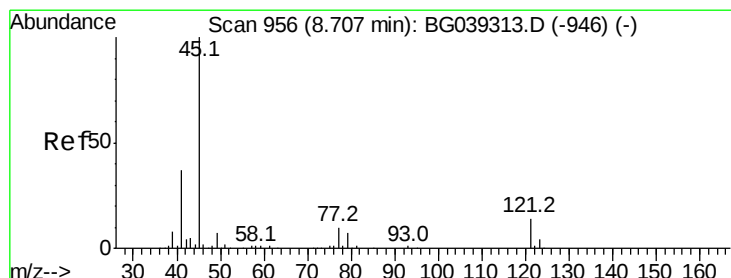
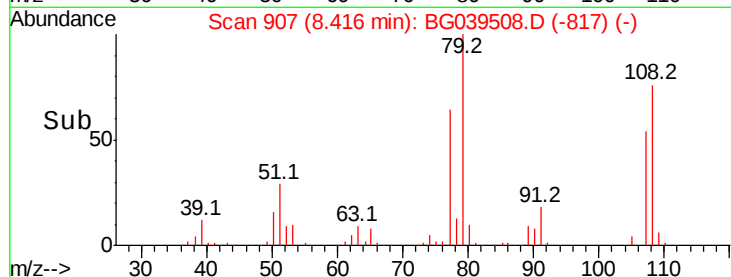
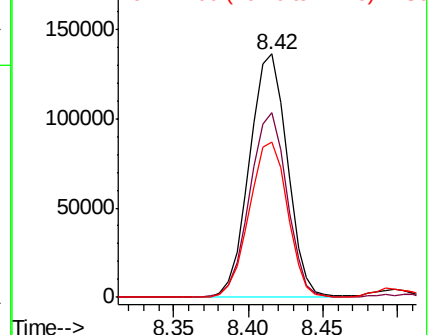
79 100

108 76.0 57.8 86.6

77 63.9 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.412 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

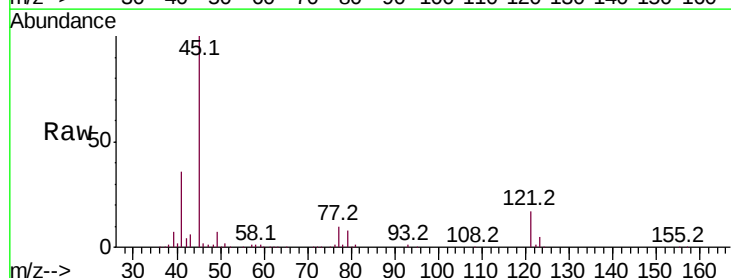
Tgt Ion: 45 Resp: 439264

Ion Ratio Lower Upper

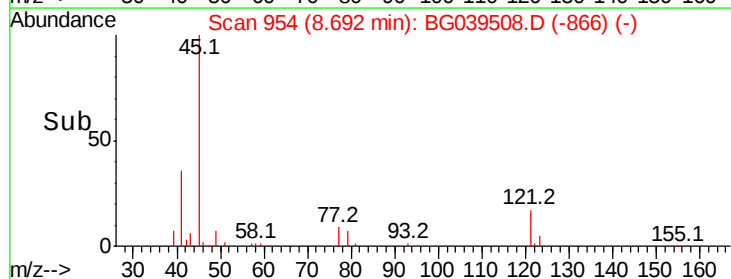
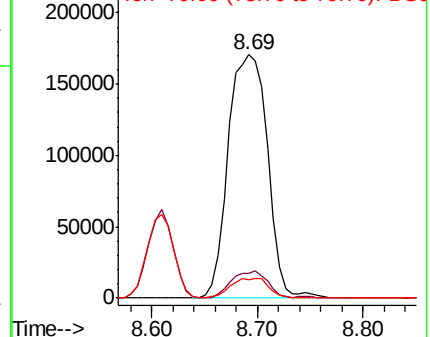
45 100

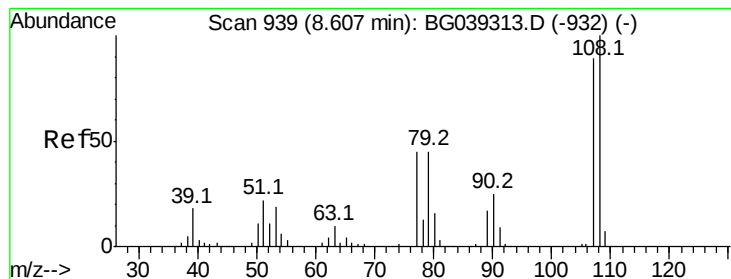
77 10.2 0.0 30.0

79 7.8 0.0 27.5



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





#17

2-Methylphenol

Concen: 46.029 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

Tot Ion:107 Resp: 213075

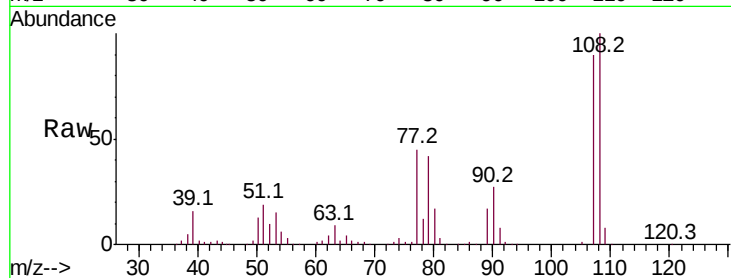
Ion Ratio Lower Upper

107 100

108 111.3 90.8 136.2

77 49.7 40.7 61.1

79 47.3 40.6 60.8



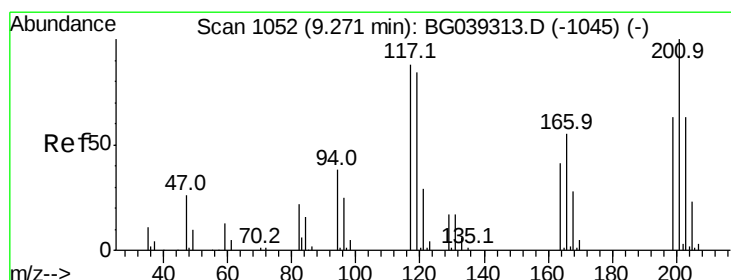
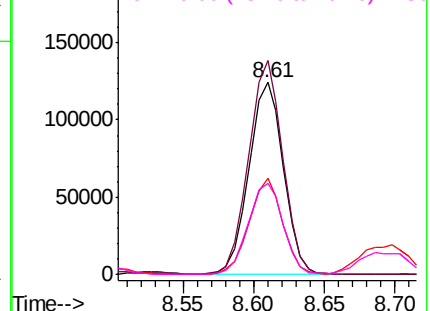
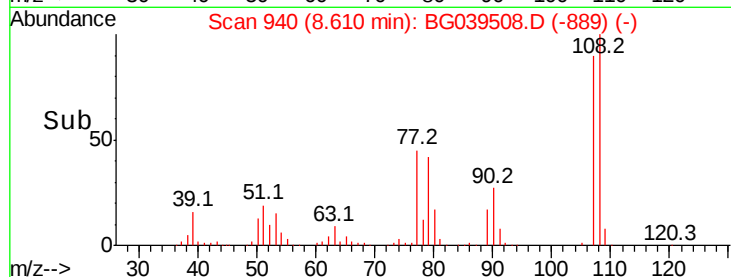
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.215 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

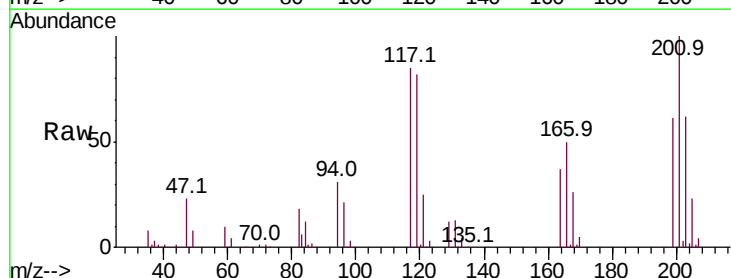
Tgt Ion:117 Resp: 89365

Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5

201 117.9 91.1 136.7

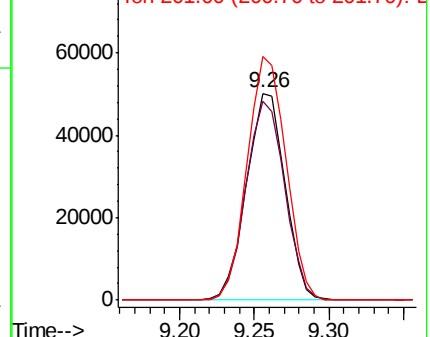
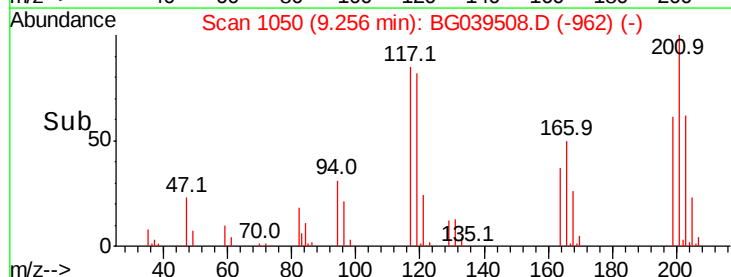


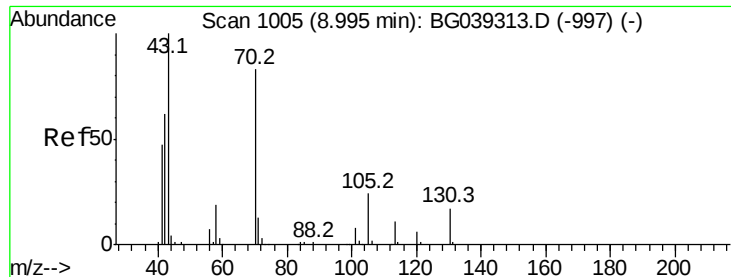
Abundance

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

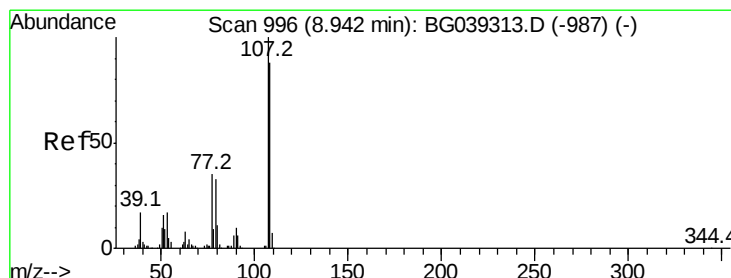
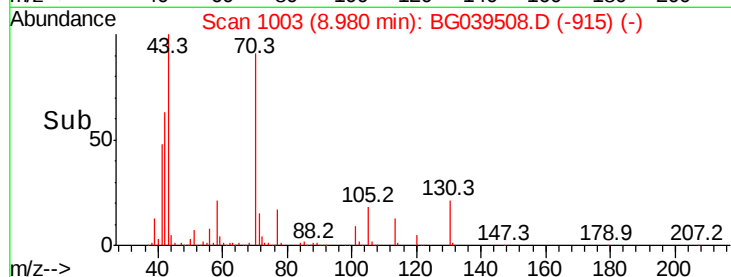
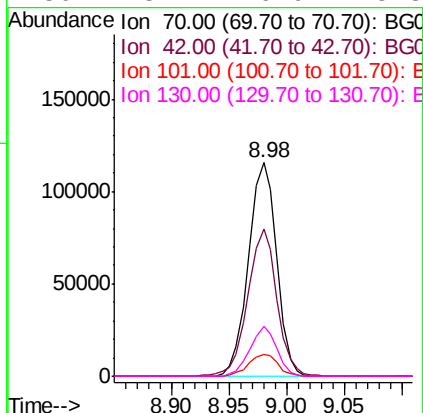
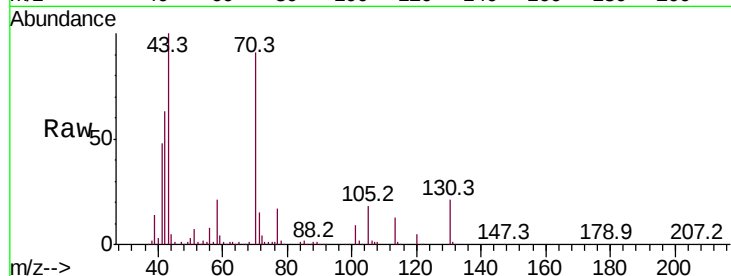




#19
n-Nitroso-di-n-propylamine
Concen: 40.453 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

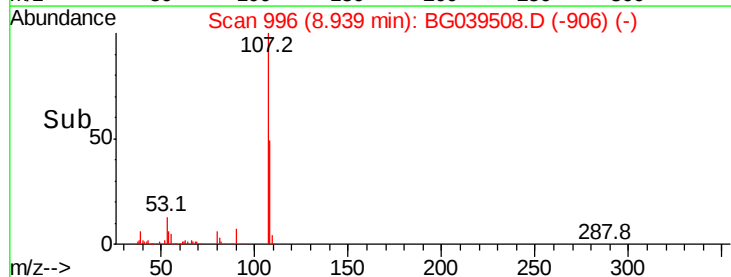
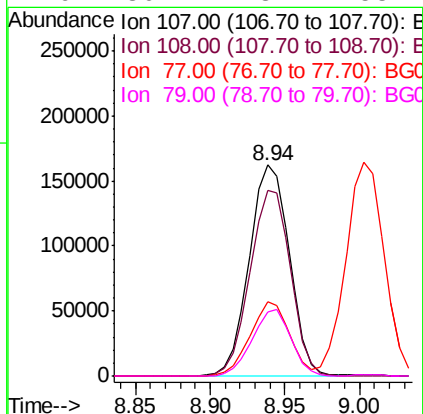
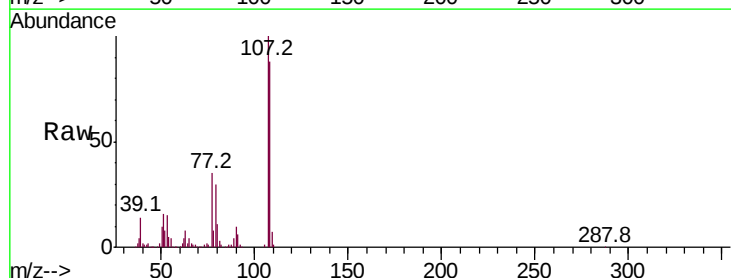
Instrument :
BNA_G
ClientSampleId :
PB117058BS

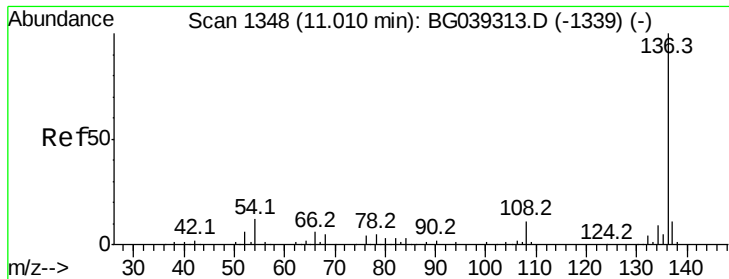
Tot Ion: 70 Resp: 197032
Ion Ratio Lower Upper
70 100
42 69.1 60.4 90.6
101 10.4 7.5 11.3
130 23.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 47.257 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion: 107 Resp: 301244
Ion Ratio Lower Upper
107 100
108 88.2 67.9 107.9
77 35.3 15.4 55.4
79 30.2 13.7 53.7

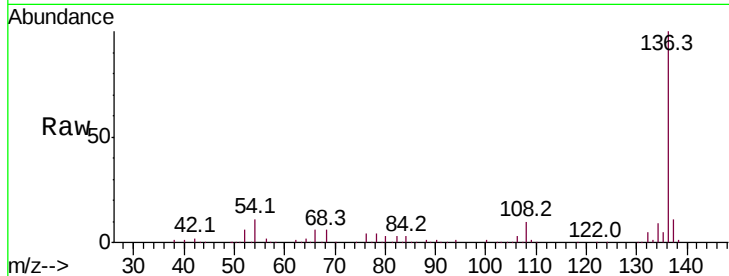




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:136	Resp:	357066
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	10.5	9.4 14.2
68	6.0	4.2 6.4



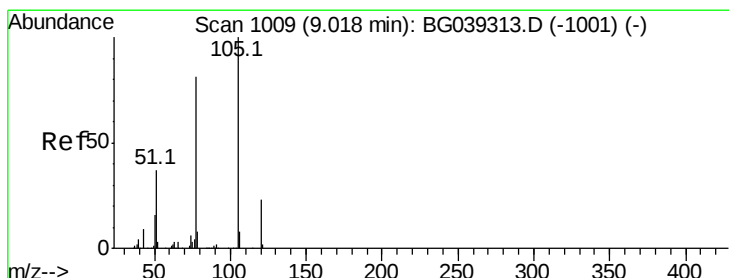
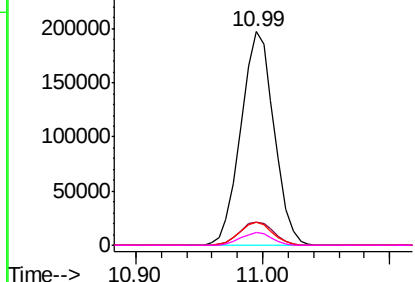
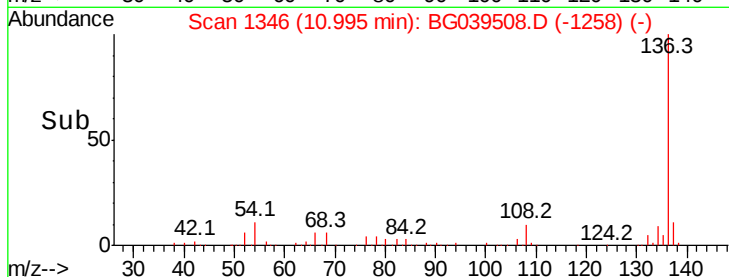
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

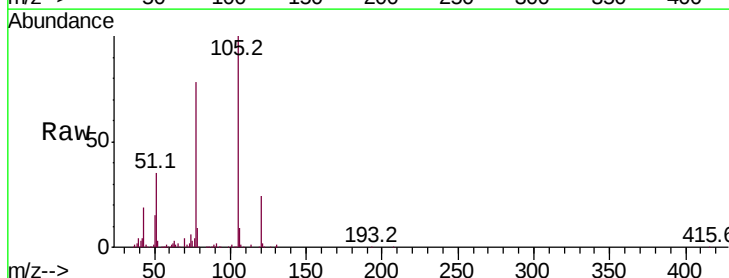
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.790 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:105	Resp:	372045
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.8 1.2
51	34.9	30.2 45.2
120	24.2	18.0 27.0



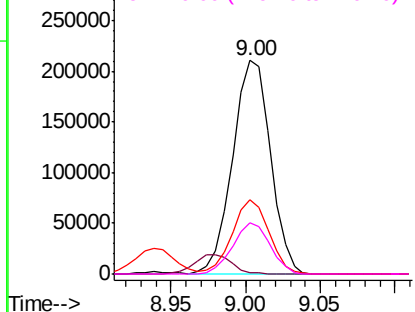
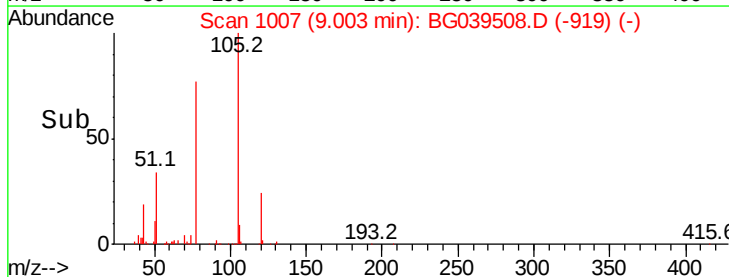
Abundance

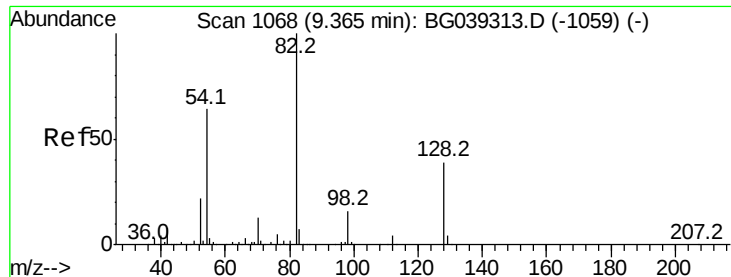
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

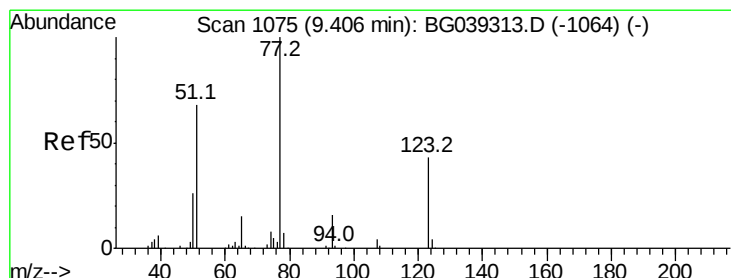
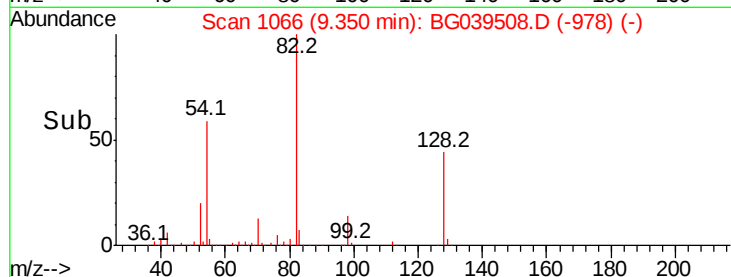
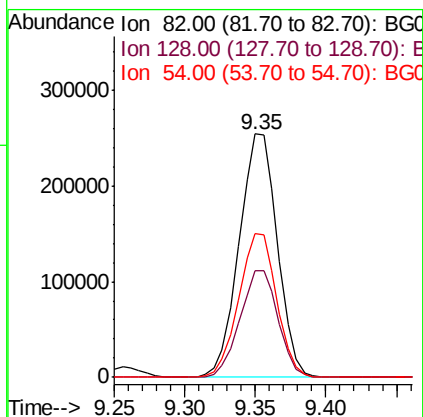
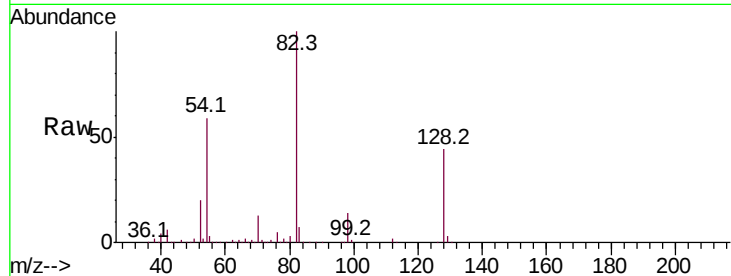




#23
Nitrobenzene-d5
Concen: 84.234 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

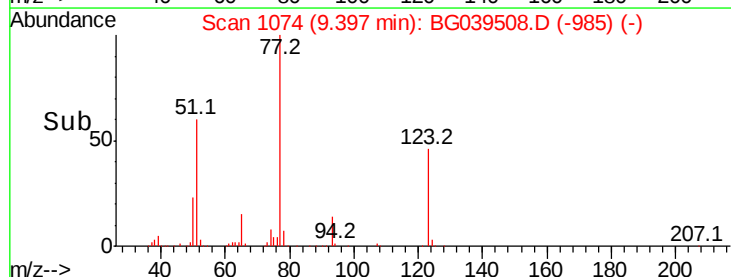
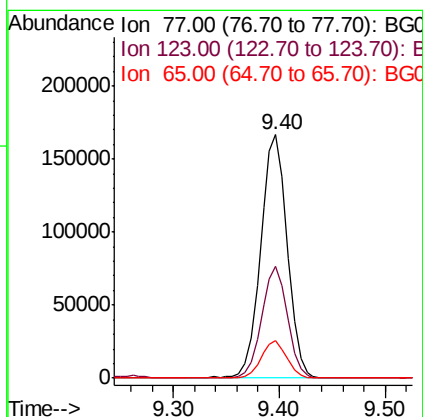
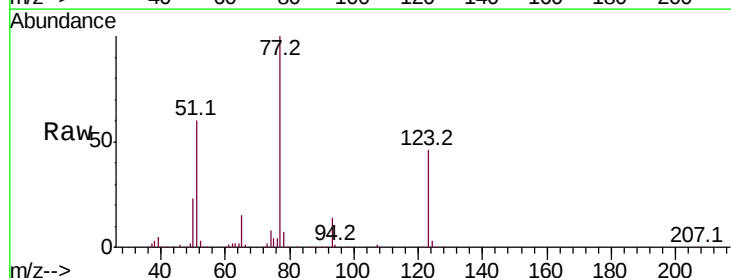
Instrument :
BNA_G
ClientSampleId :
PB117058BS

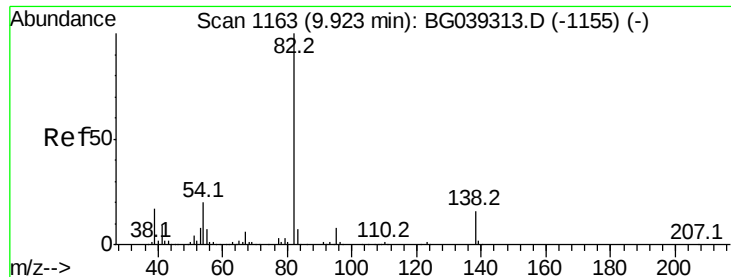
Tot Ion: 82 Resp: 481452
Ion Ratio Lower Upper
82 100
128 43.6 31.3 46.9
54 59.0 50.9 76.3



#24
Nitrobenzene
Concen: 46.985 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion: 77 Resp: 290123
Ion Ratio Lower Upper
77 100
123 45.8 34.1 51.1
65 15.2 12.3 18.5

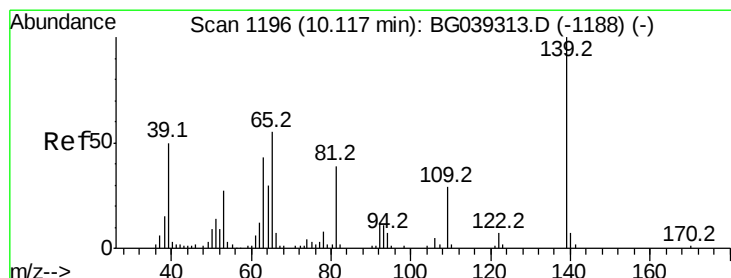
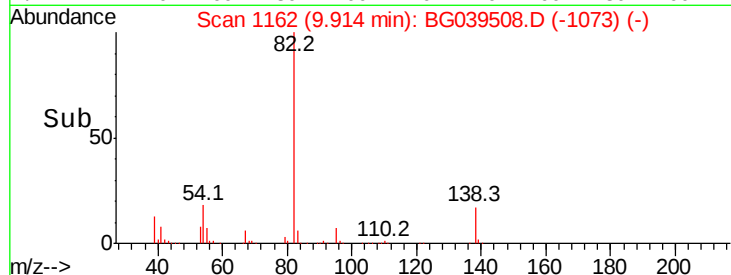
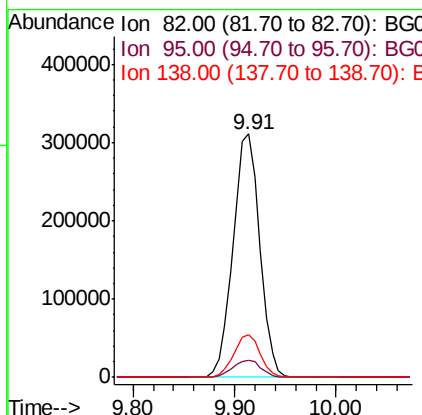
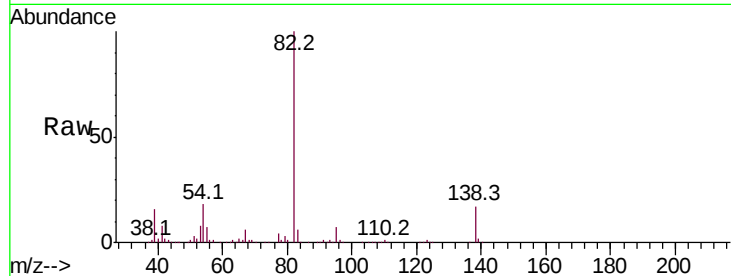




#25
Isophorone
Concen: 44.773 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

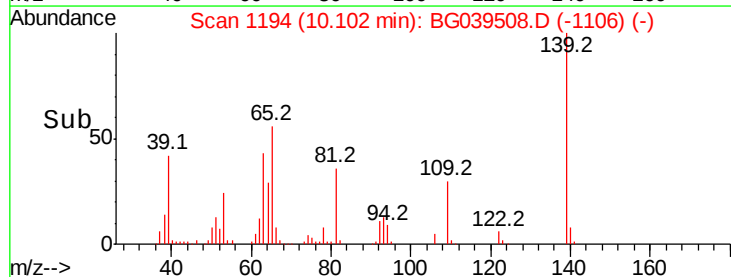
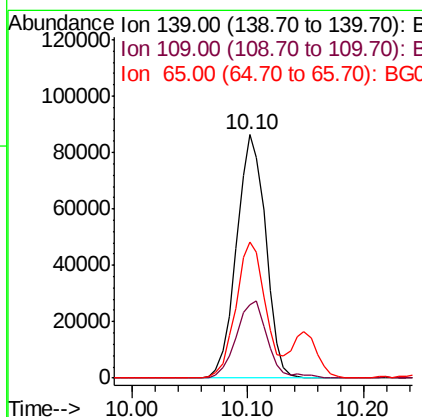
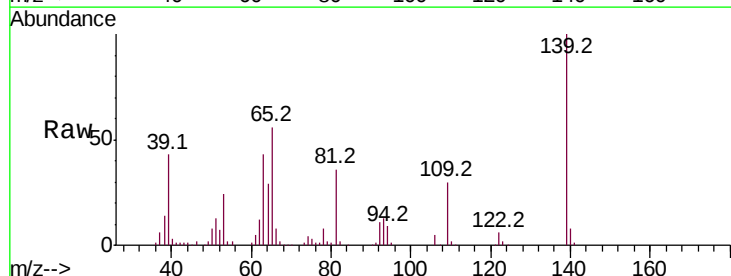
Instrument :
BNA_G
ClientSampleId :
PB117058BS

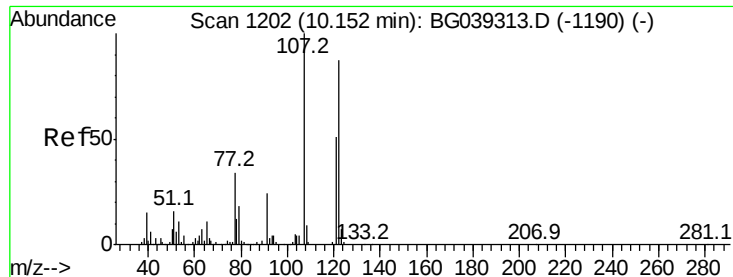
Tot Ion: 82 Resp: 567091
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.2
138 17.3 13.0 19.4



#26
2-Nitrophenol
Concen: 58.163 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion: 139 Resp: 150411
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.0
65 56.1 44.3 66.5

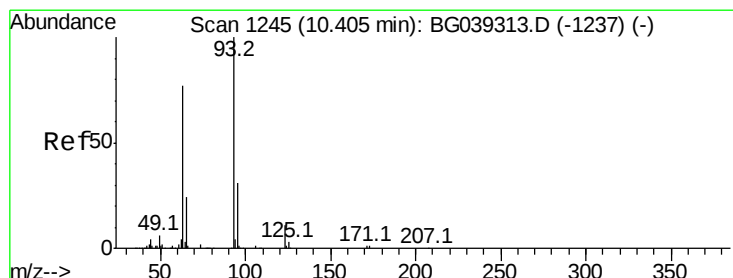
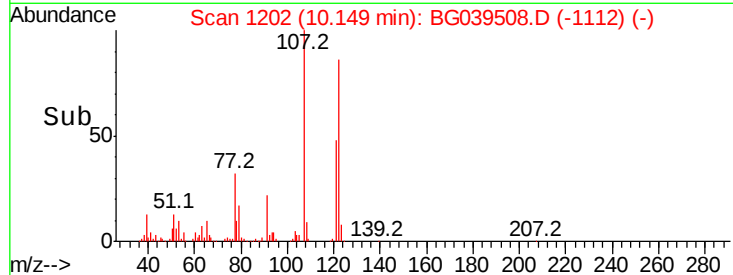
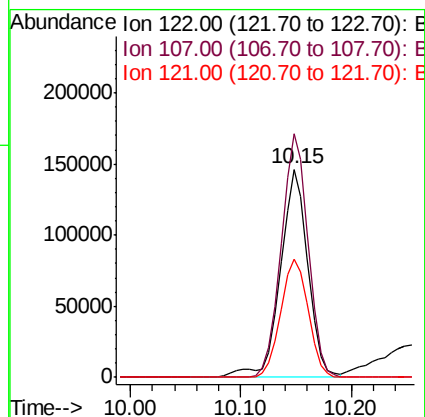
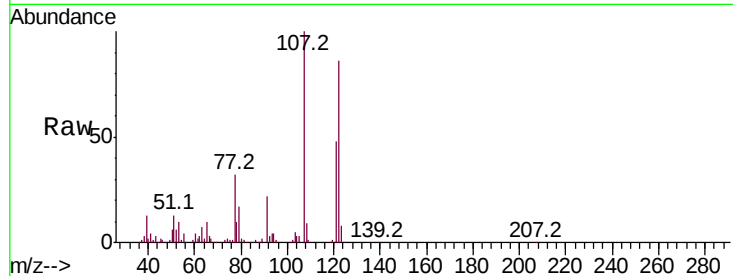




#27
 2,4-Dimethylphenol
 Concen: 49.055 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

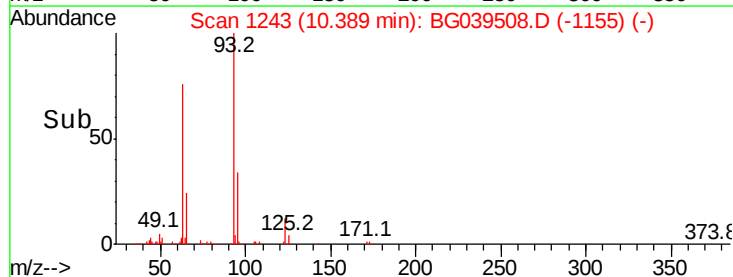
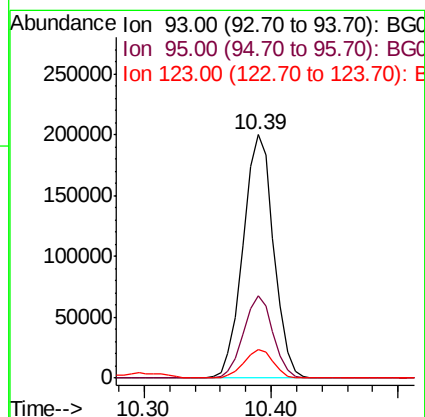
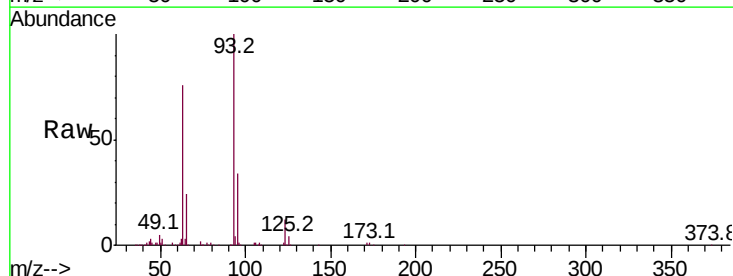
Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

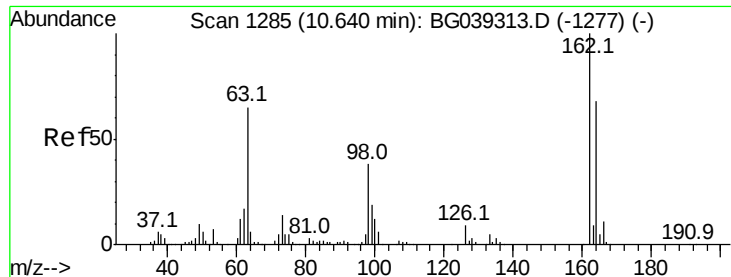
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.7	137.5
121	56.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.787 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.0	37.4
123	12.0	8.6	12.8

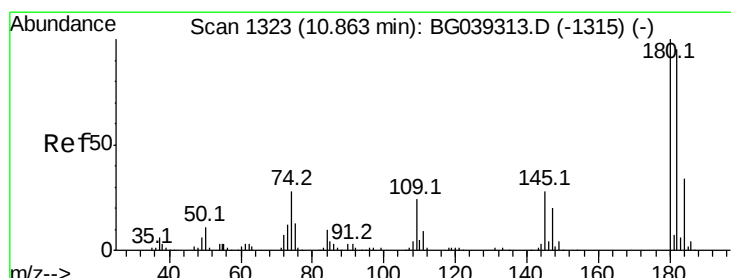
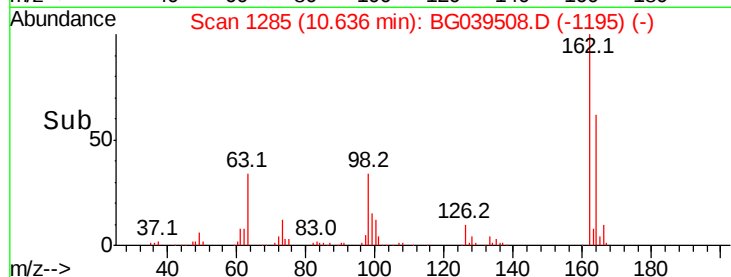
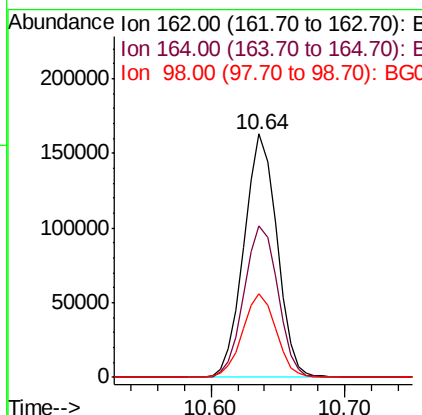
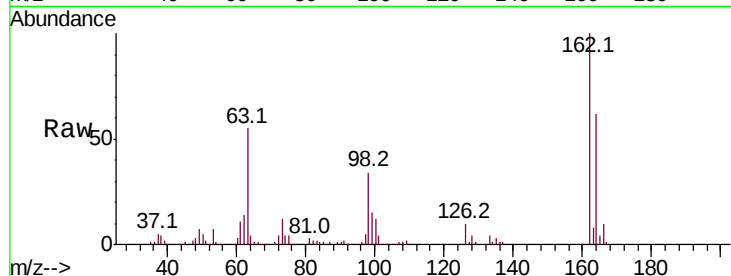




#29
2,4-Dichlorophenol
Concen: 49.764 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

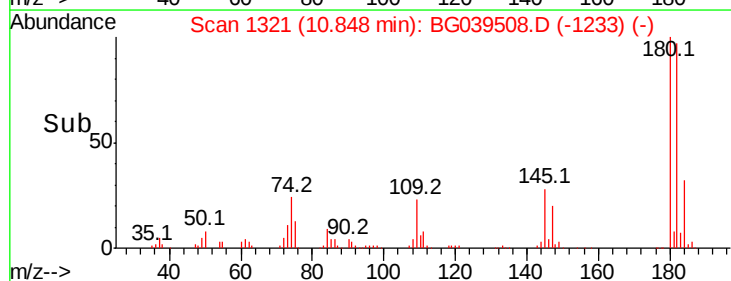
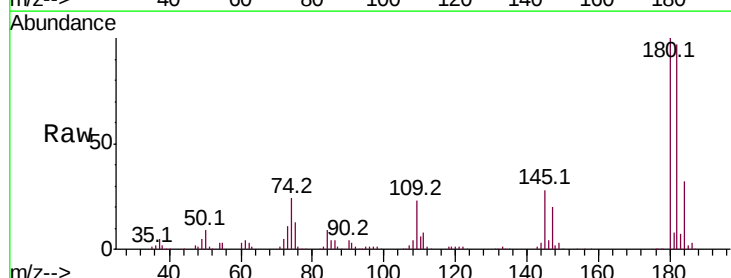
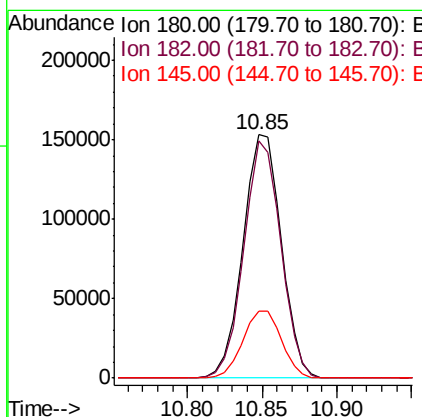
Instrument :
BNA_G
ClientSampleId :
PB117058BS

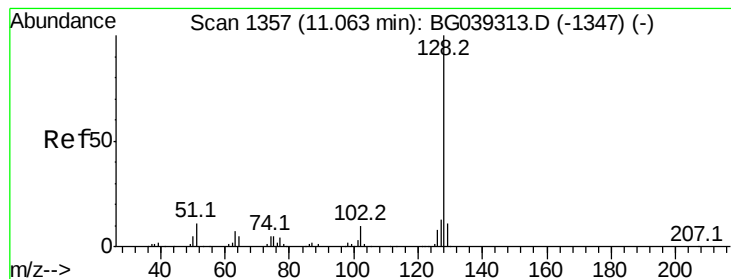
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	48.1	88.1
98	34.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 43.245 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	27.7	22.7	34.1

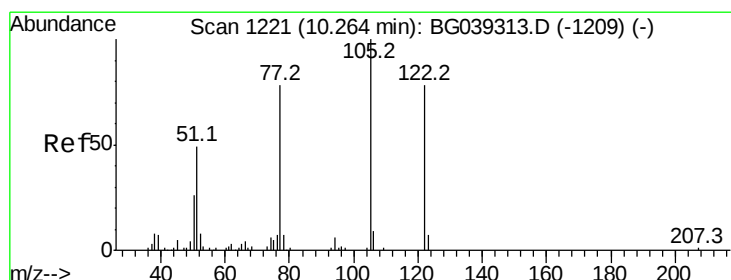
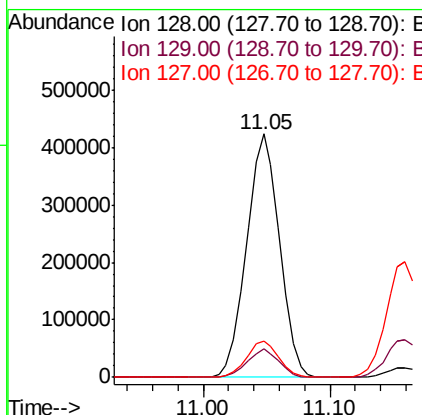
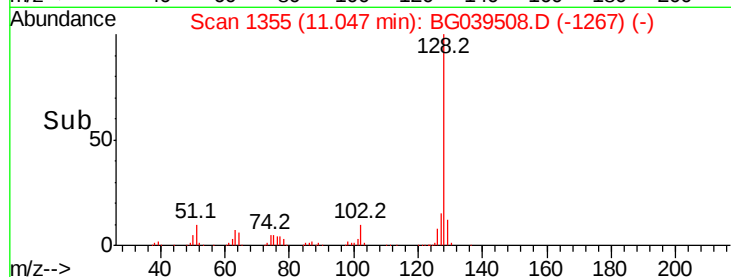
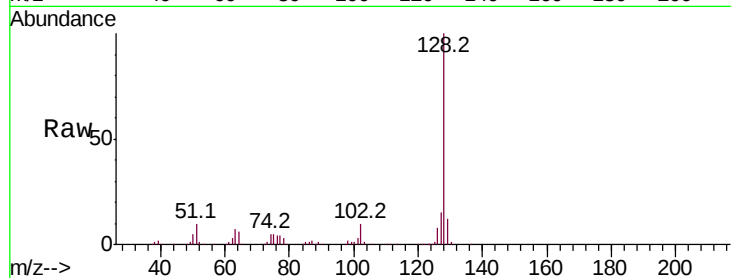




#31
Naphthalene
Concen: 43.060 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

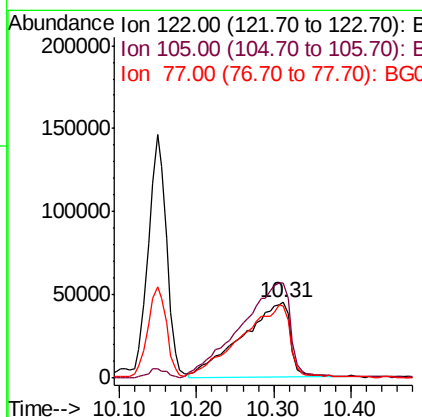
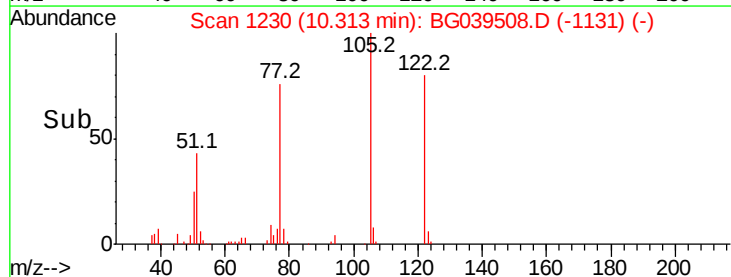
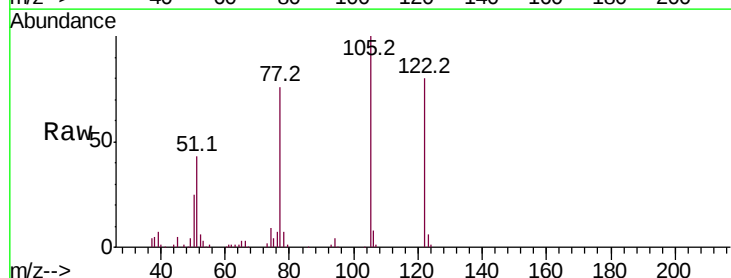
Instrument :
BNA_G
ClientSampled :
PB117058BS

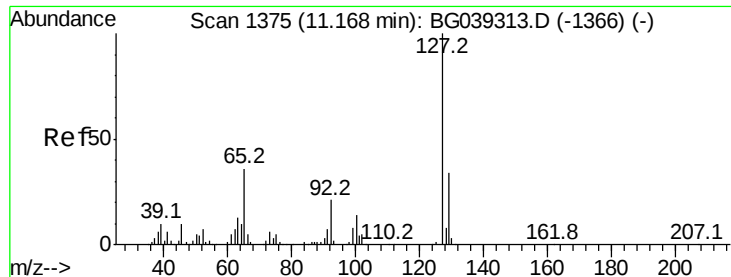
Tot Ion:128 Resp: 762761
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 56.828 ng
RT: 10.31 min Scan# 1230
Delta R.T. 0.05 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:122 Resp: 197517
Ion Ratio Lower Upper
122 100
105 125.7 101.8 141.8
77 95.0 76.3 116.3

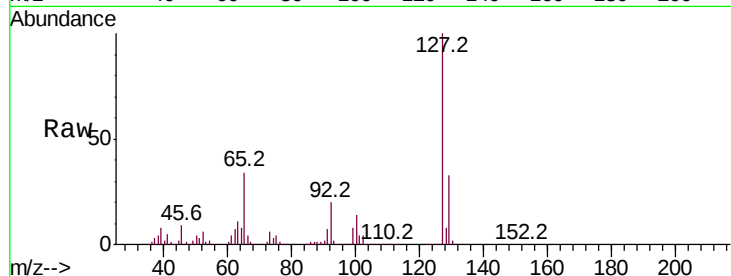




#33
4-Chloroaniline
Concen: 44.773 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:	127	Resp:	367735
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.0	40.4
65	33.9	28.8	43.2
92	19.7	16.6	25.0



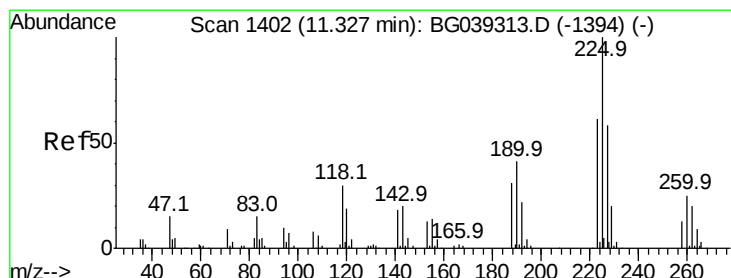
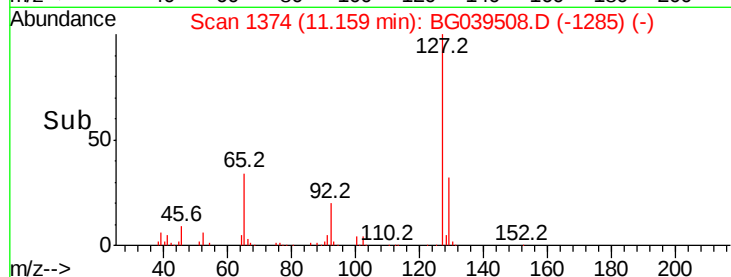
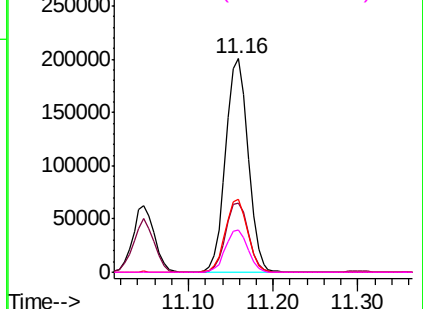
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

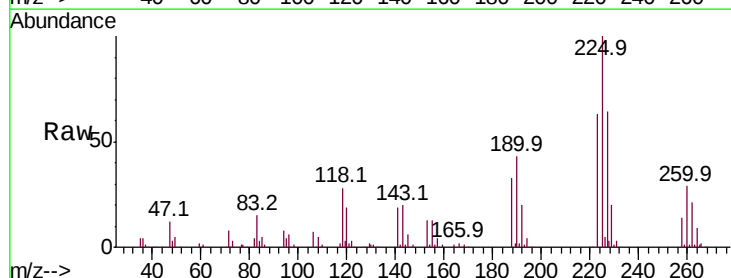
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.974 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:	225	Resp:	171313
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.0	73.6
227	63.8	46.3	69.5

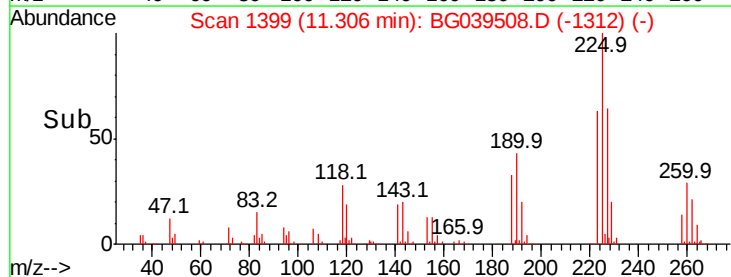
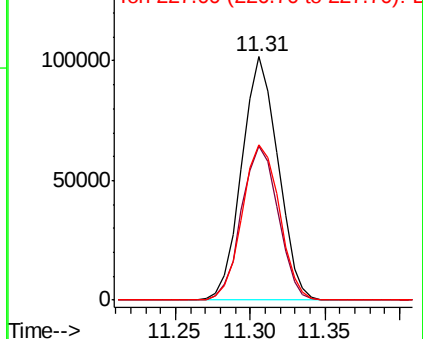


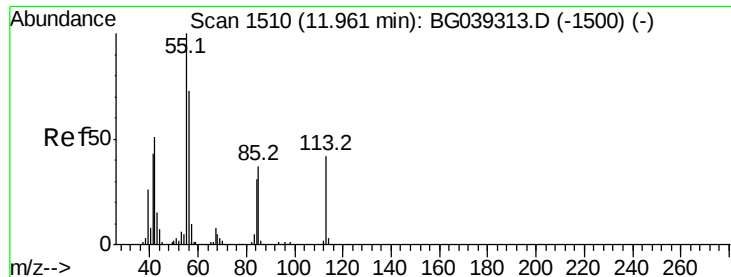
Abundance

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: 32.830 ng

RT: 11.96 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

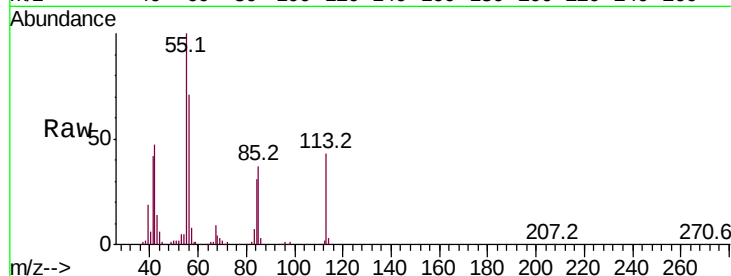
Tot Ion:113 Resp: 76074

Ion Ratio Lower Upper

113 100

55 232.0 216.9 256.9

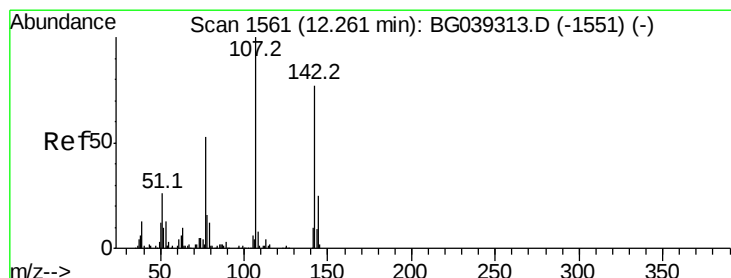
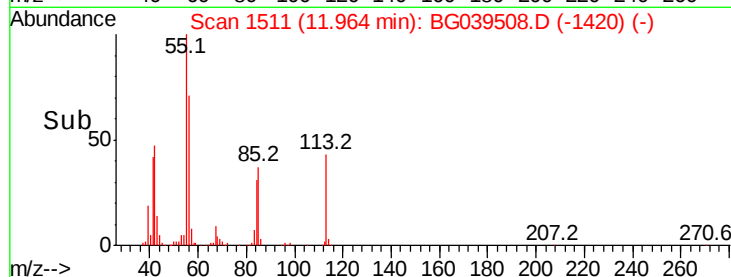
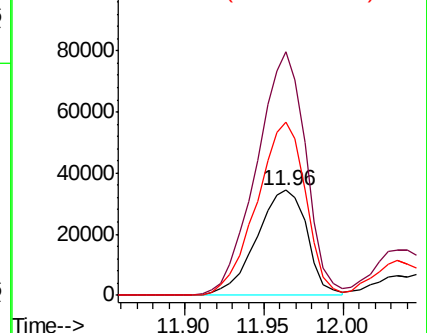
56 165.6 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.260 ng

RT: 12.26 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

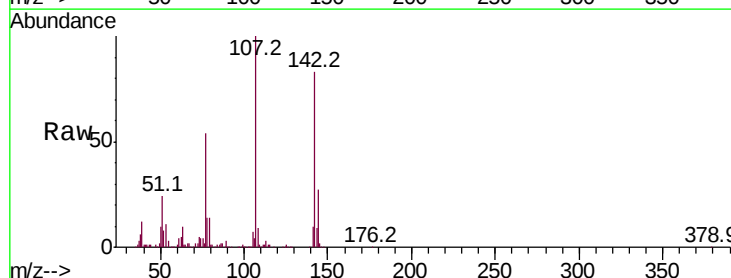
Tgt Ion:107 Resp: 299585

Ion Ratio Lower Upper

107 100

144 27.1 20.2 30.2

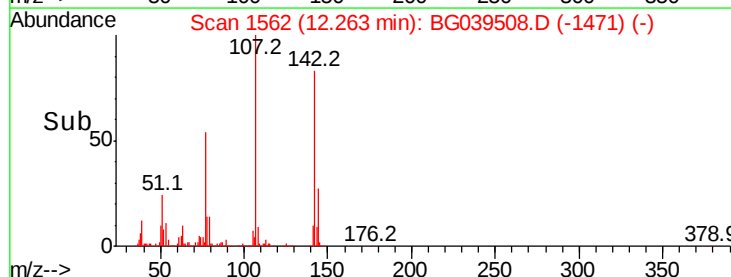
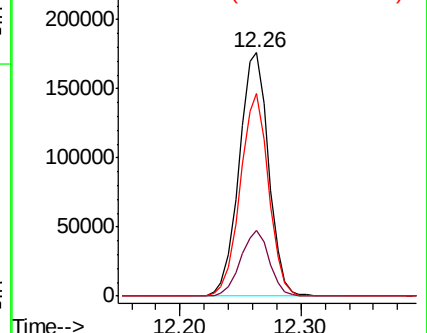
142 83.4 61.4 92.2

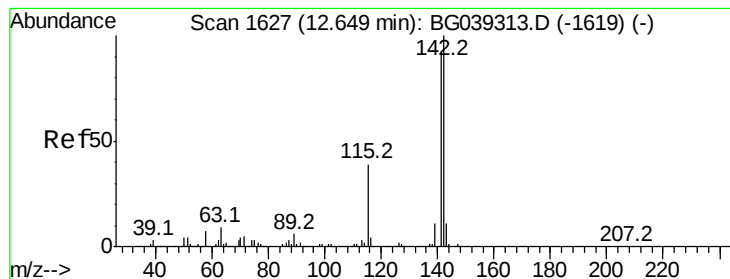


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.069 ng

RT: 12.64 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

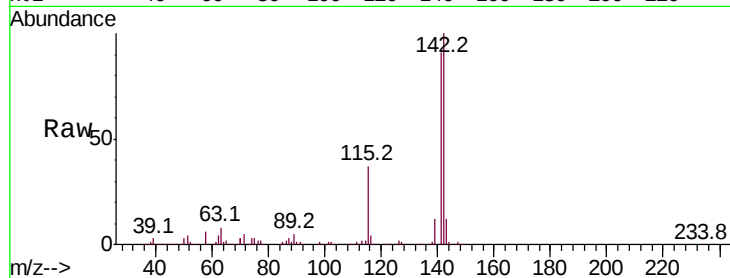
Tot Ion:142 Resp: 591297

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

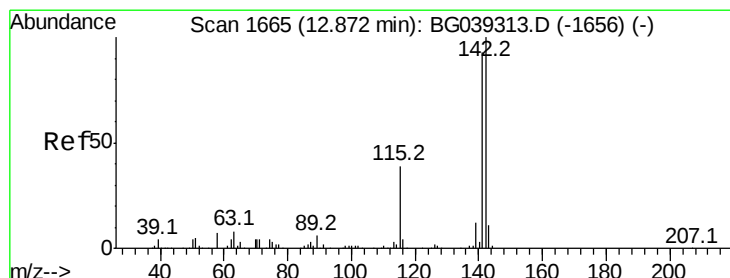
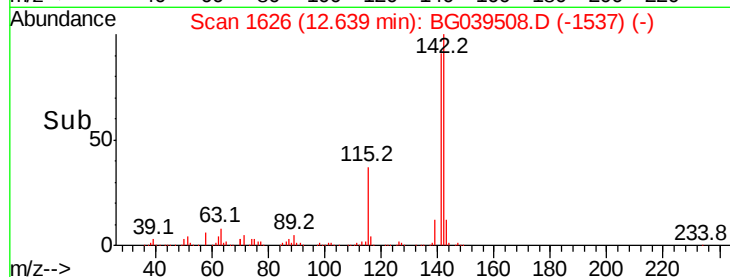
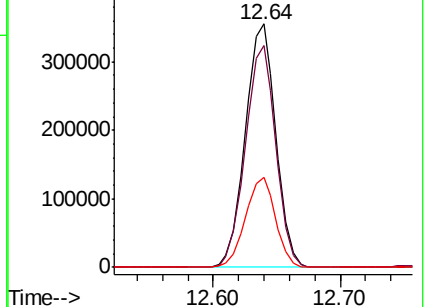
115 36.9 30.8 46.2



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: 44.373 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

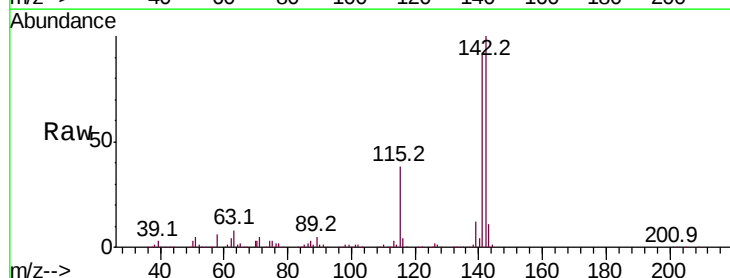
Tgt Ion:142 Resp: 561179

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

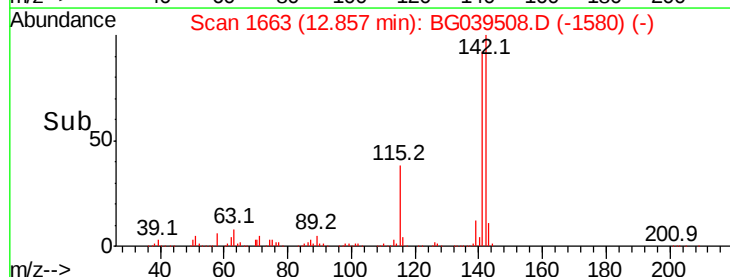
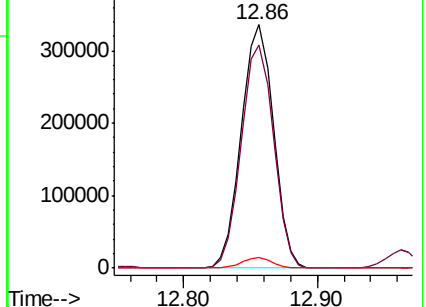
116 4.2 3.0 4.6

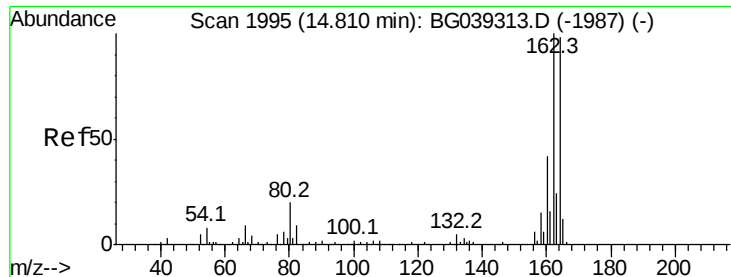


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

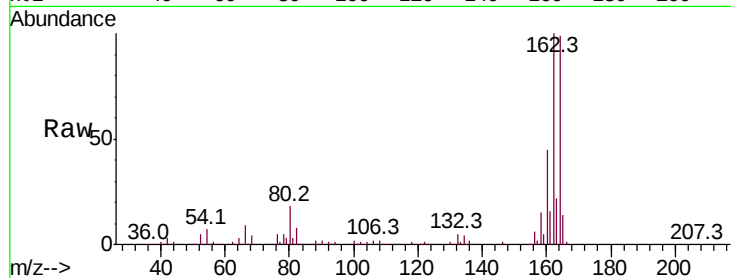
Tot Ion:164 Resp: 241552

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 45.1 34.2 51.2

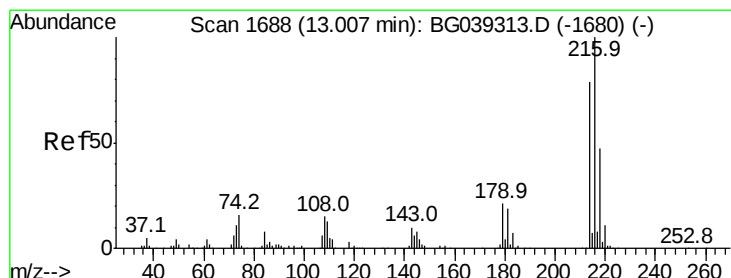
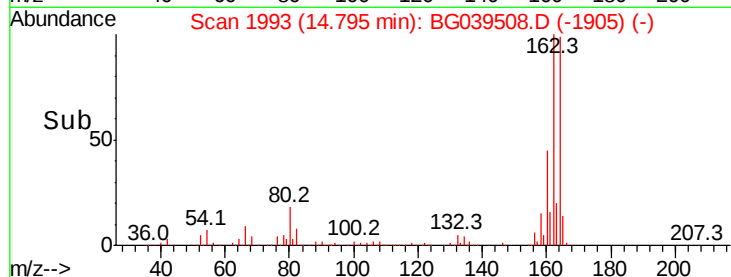
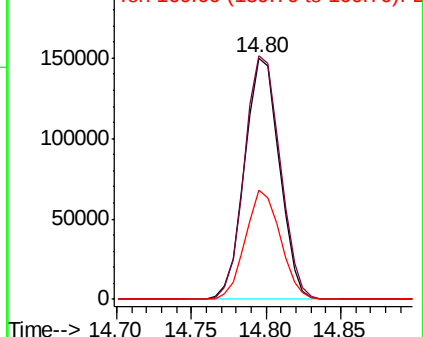


Abundance

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: 42.750 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Tgt Ion:216 Resp: 328555

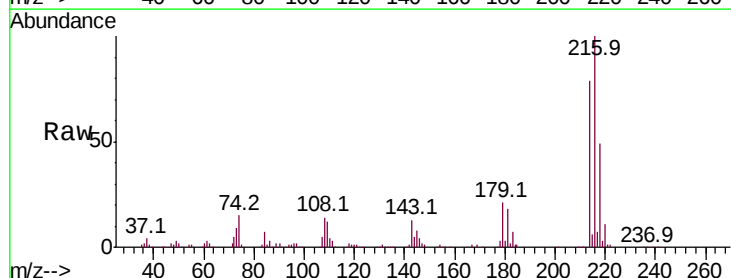
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 20.4 16.6 25.0

108 17.1 14.0 21.0



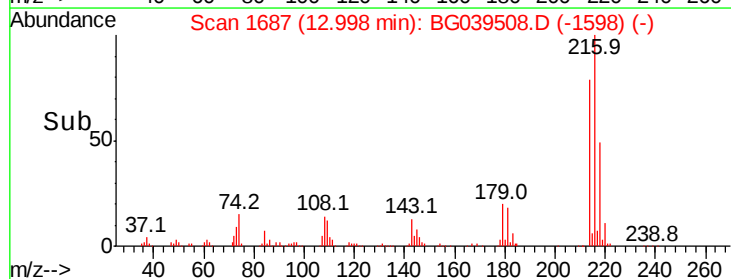
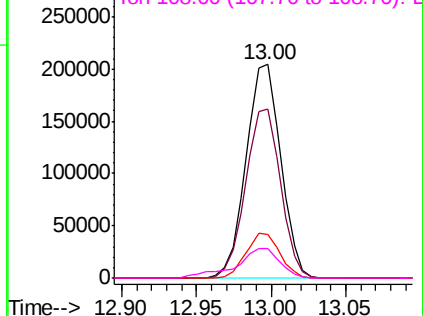
Abundance

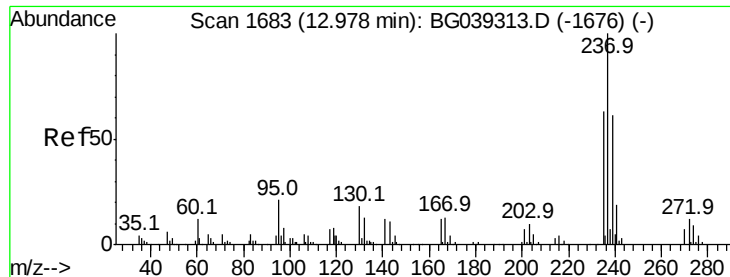
Ion 216.00 (215.70 to 216.70): E

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: 86.231 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

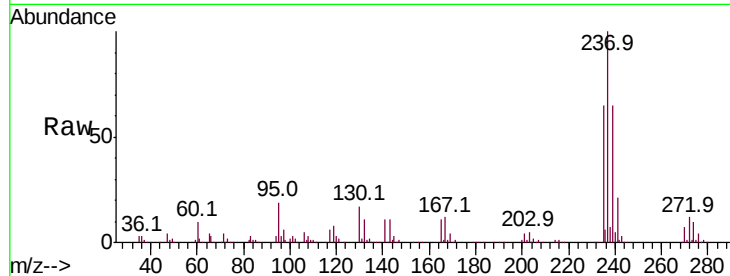
Tot Ion:237 Resp: 361131

Ion Ratio Lower Upper

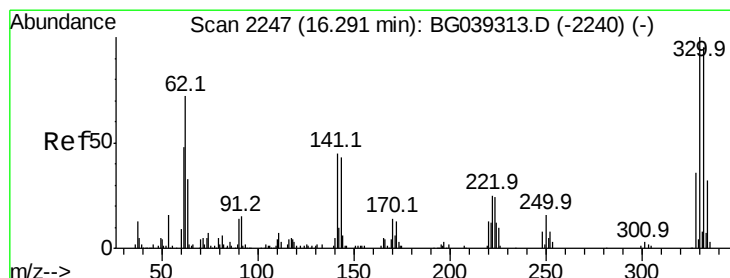
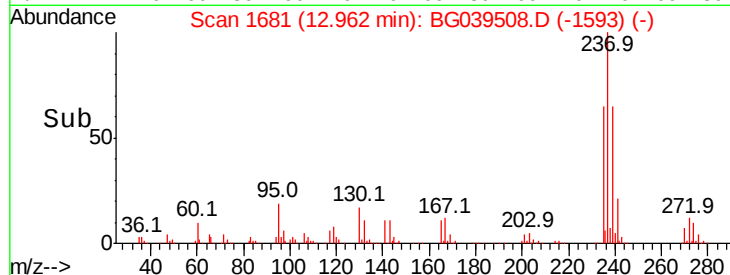
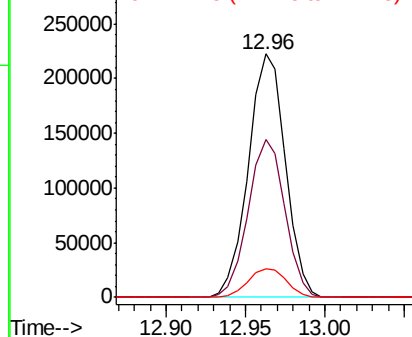
237 100

235 64.7 43.3 83.3

272 11.8 0.0 32.3



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: 163.397 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

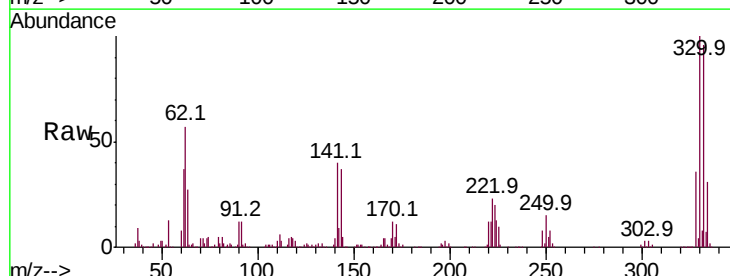
Tgt Ion:330 Resp: 425011

Ion Ratio Lower Upper

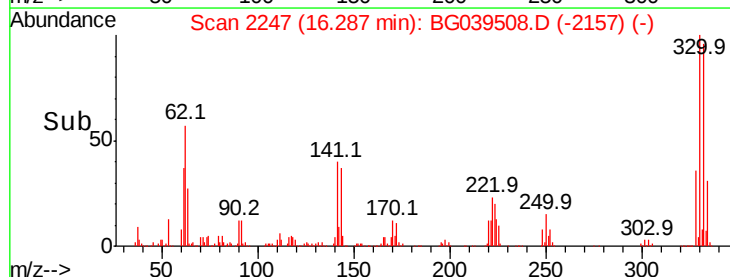
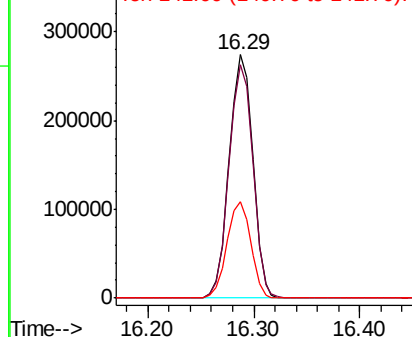
330 100

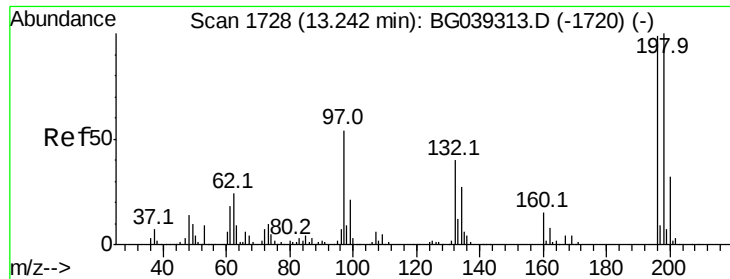
332 96.8 75.7 113.5

141 40.0 35.6 53.4



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

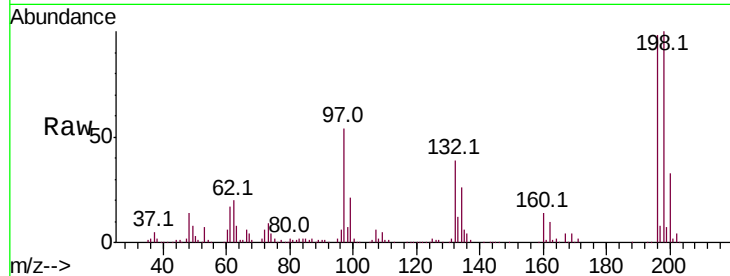




#43
 2,4,6-Trichlorophenol
 Concen: 49.357 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion	196	Resp	233232
Ion Ratio	Lower	Upper	
196	100		
198	101.7	80.6	121.0
200	33.1	26.1	39.1

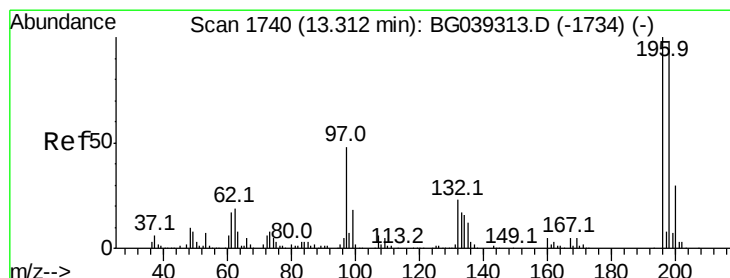
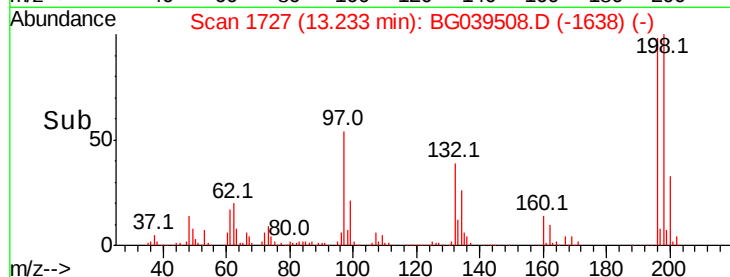
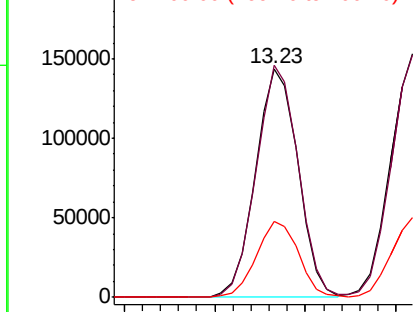


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.901 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Tgt Ion	196	Resp	252096
Ion Ratio	Lower	Upper	
196	100		
198	99.7	78.5	117.7
97	46.5	38.4	57.6
132	25.8	19.2	28.8

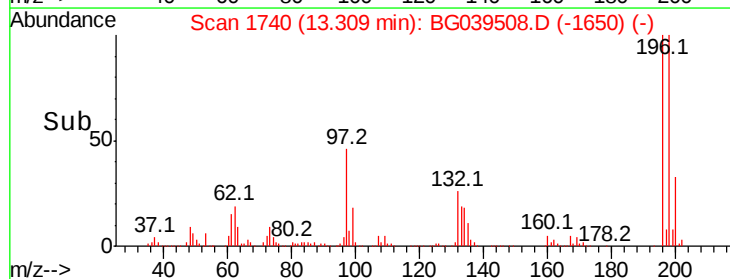
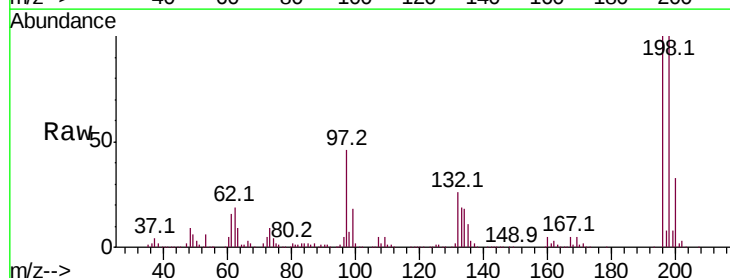
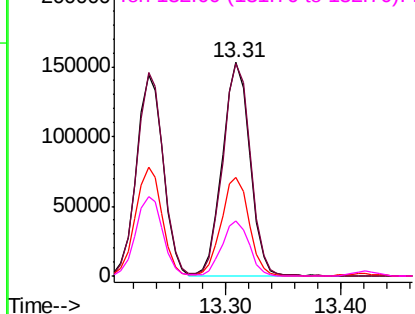
Abundance

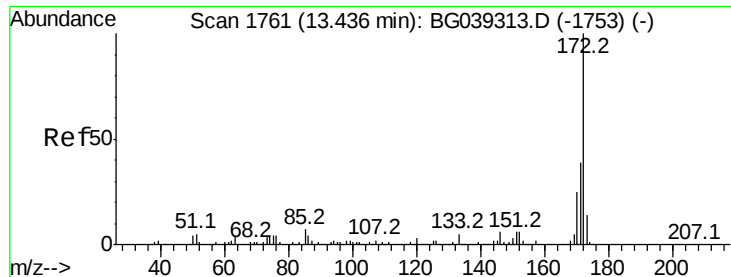
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

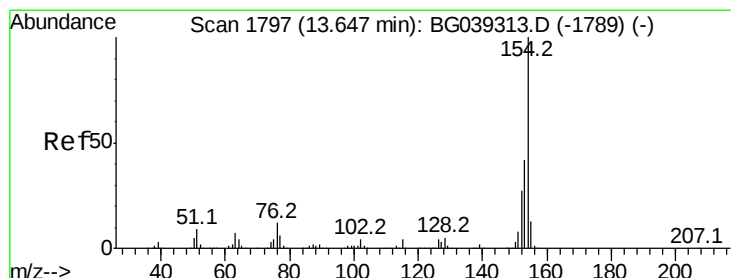
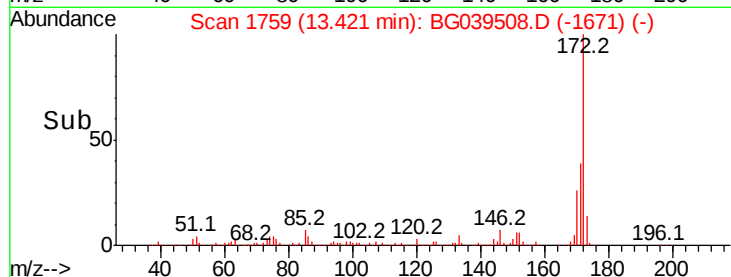
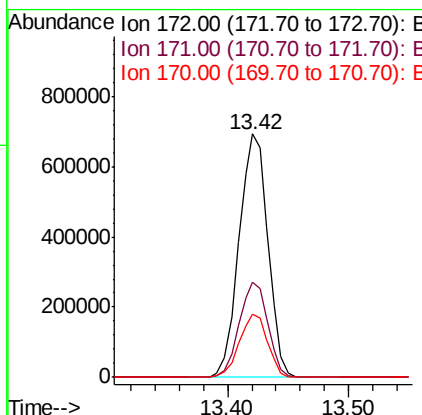
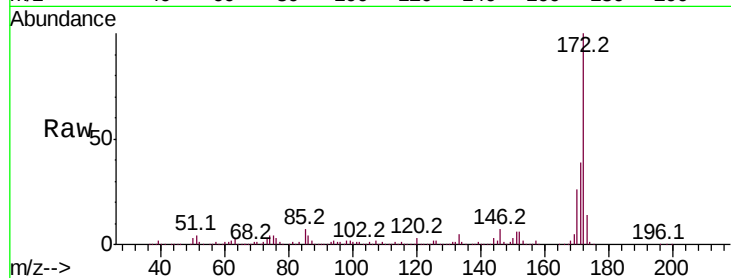




#45
2-Fluorobiphenyl
Concen: 68.237 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

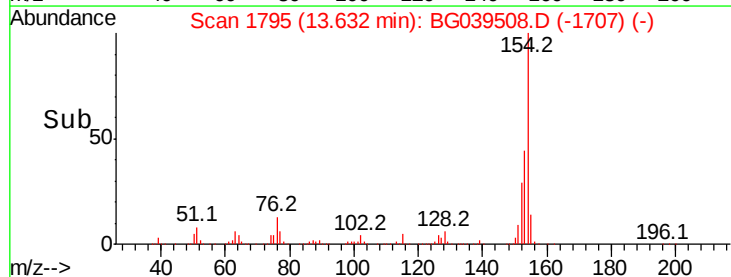
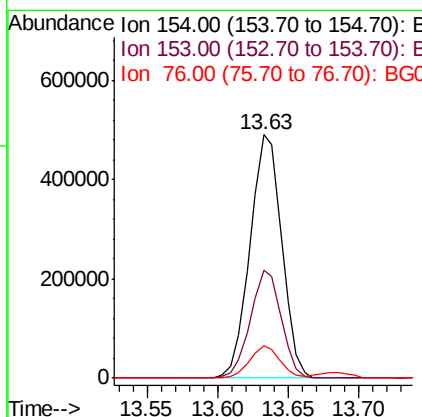
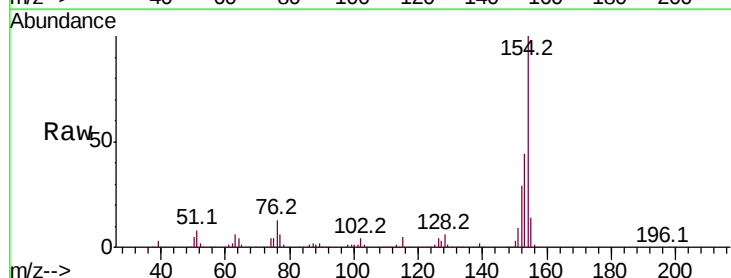
Instrument :
BNA_G
ClientSampleId :
PB117058BS

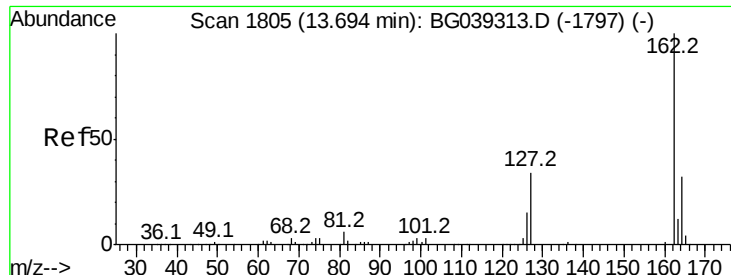
Tot Ion:172 Resp: 1148991
Ion Ratio Lower Upper
172 100
171 39.1 30.8 46.2
170 25.9 20.2 30.4



#46
1,1'-Biphenyl
Concen: 38.625 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:154 Resp: 776266
Ion Ratio Lower Upper
154 100
153 44.4 22.1 62.1
76 13.2 0.0 32.4

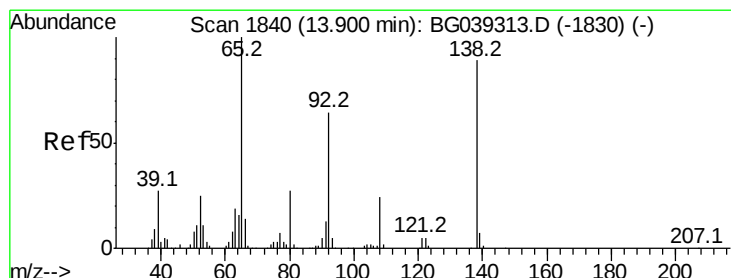
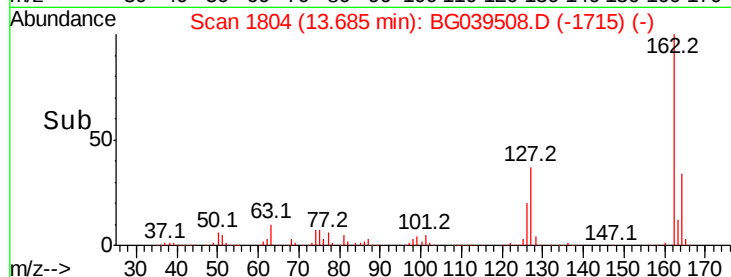
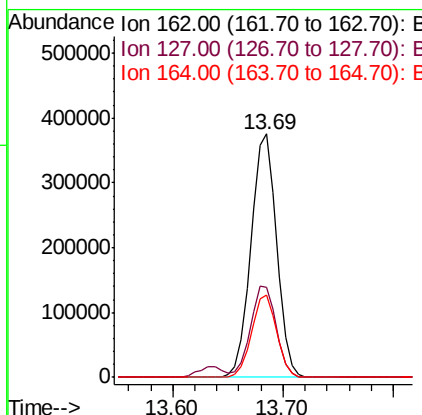
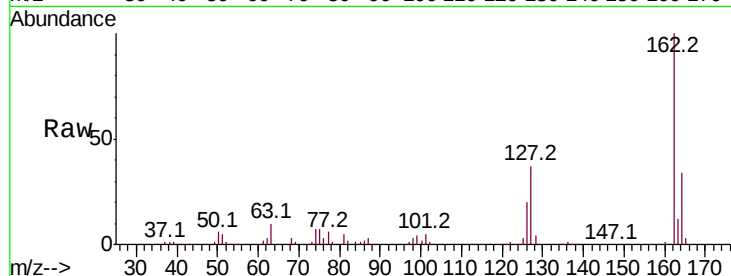




#47
 2-Chloronaphthalene
 Concen: 40.511 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

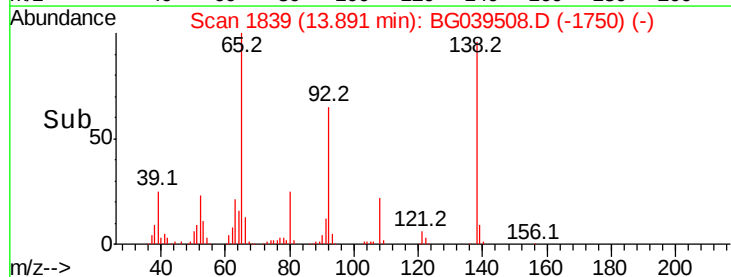
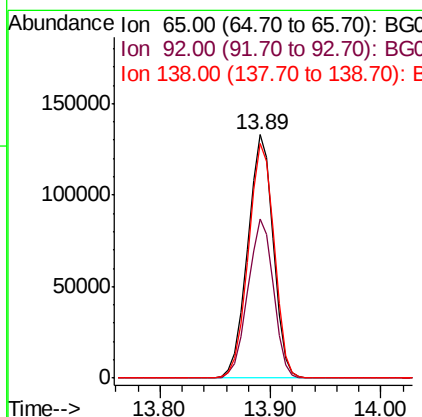
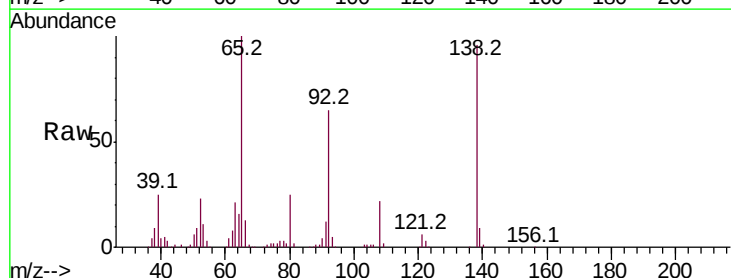
Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

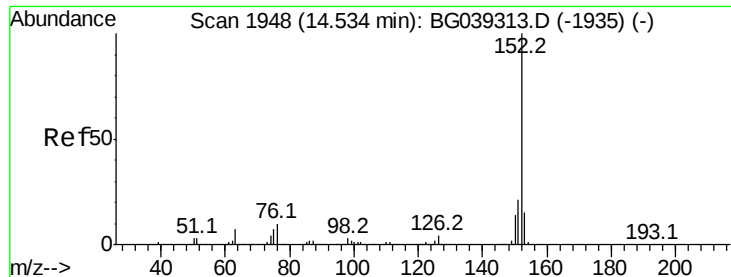
Tot Ion:162 Resp: 612491
 Ion Ratio Lower Upper
 162 100
 127 36.7 31.0 46.6
 164 34.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 49.473 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Tgt Ion: 65 Resp: 216206
 Ion Ratio Lower Upper
 65 100
 92 65.2 51.4 77.2
 138 96.2 71.4 107.2





#49

Acenaphthylene

Concen: 41.984 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

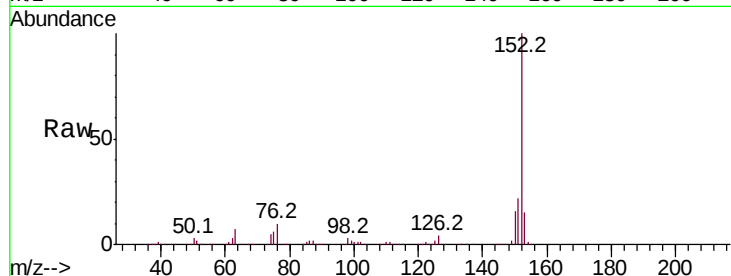
Tot Ion:152 Resp: 957804

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

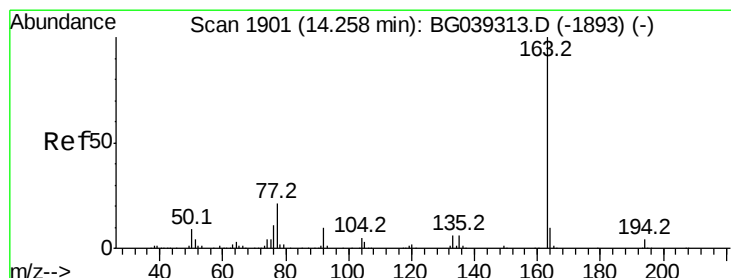
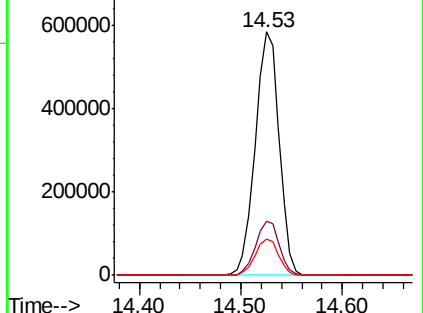
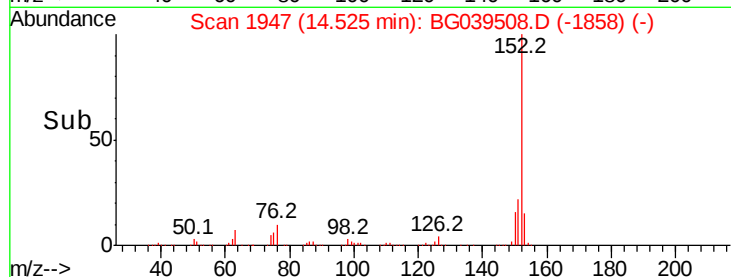
153 14.6 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.040 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

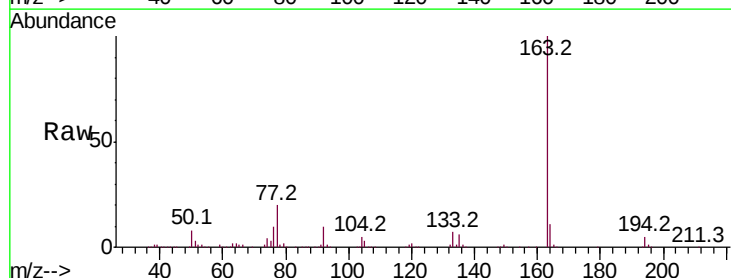
Tgt Ion:163 Resp: 800627

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

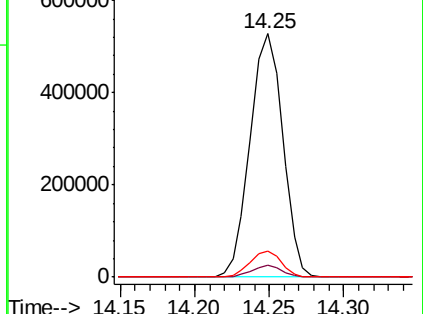
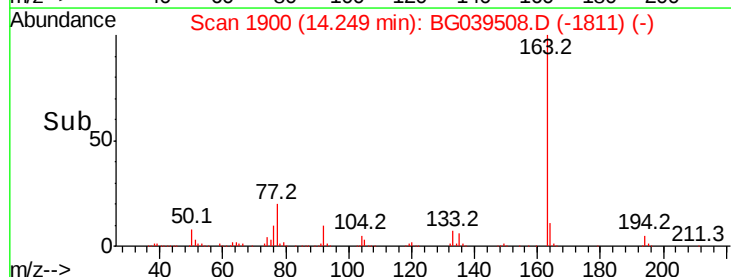
164 10.7 8.4 12.6

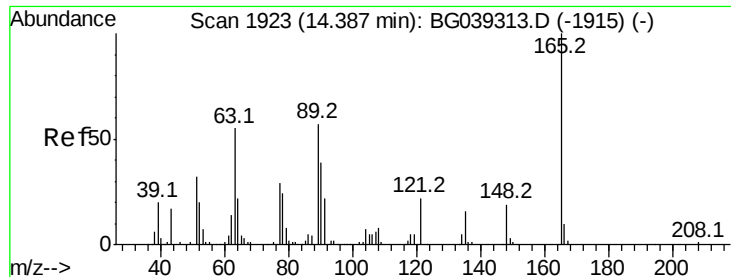


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

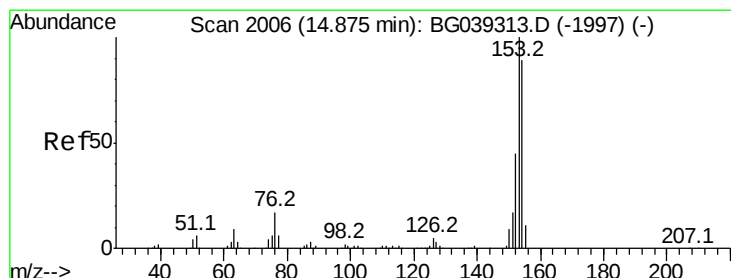
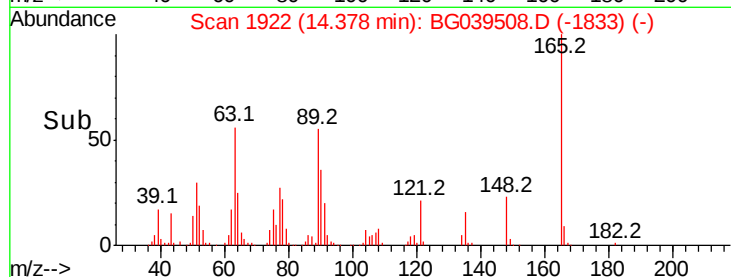
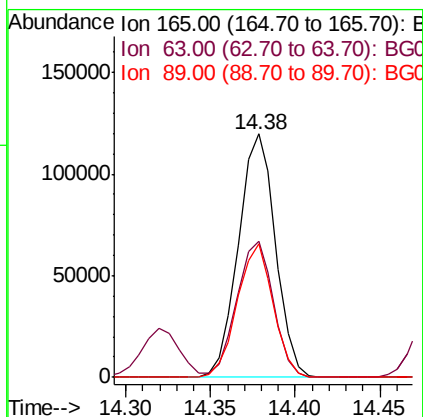
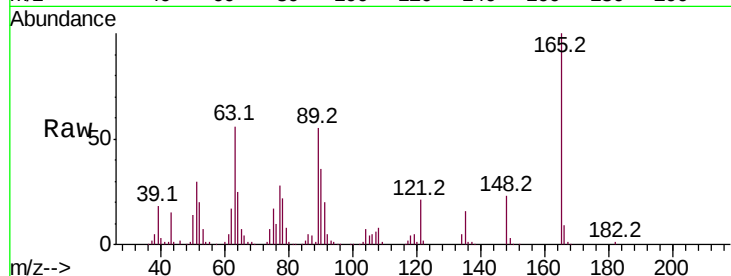




#51
2,6-Dinitrotoluene
Concen: 49.715 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

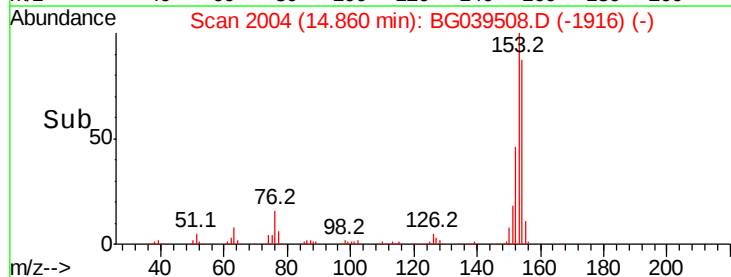
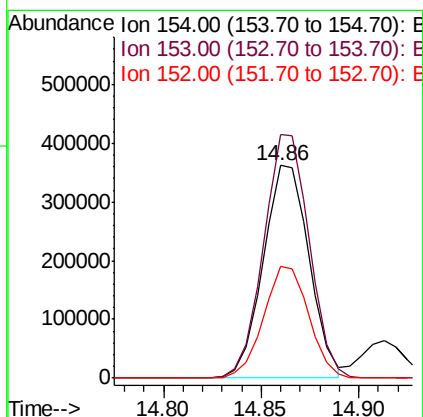
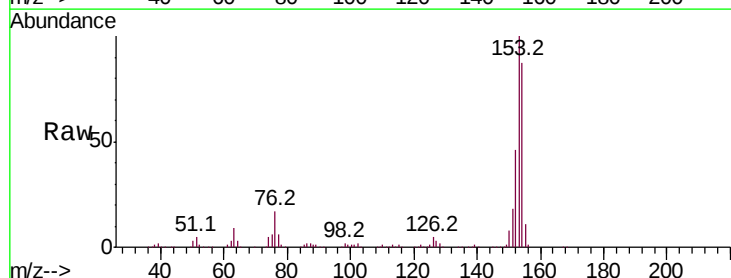
Instrument :
BNA_G
ClientSampleId :
PB117058BS

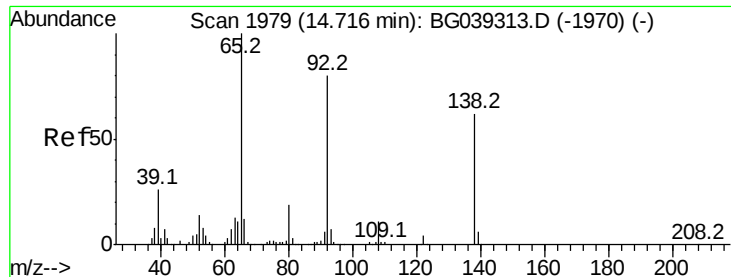
Tot Ion:165 Resp: 182255
Ion Ratio Lower Upper
165 100
63 55.9 47.0 70.6
89 55.1 45.8 68.8



#52
Acenaphthene
Concen: 39.716 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:154 Resp: 588145
Ion Ratio Lower Upper
154 100
153 114.5 90.1 135.1
152 52.6 40.9 61.3

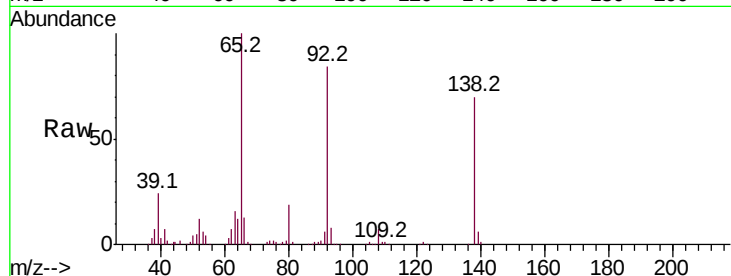




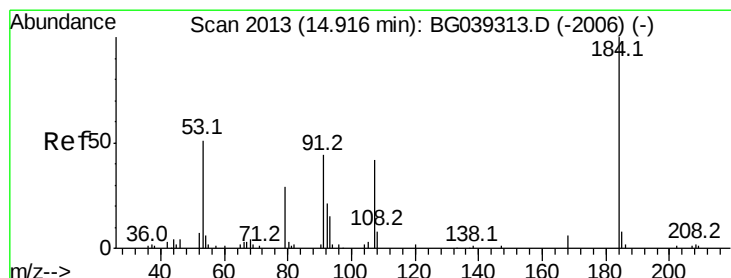
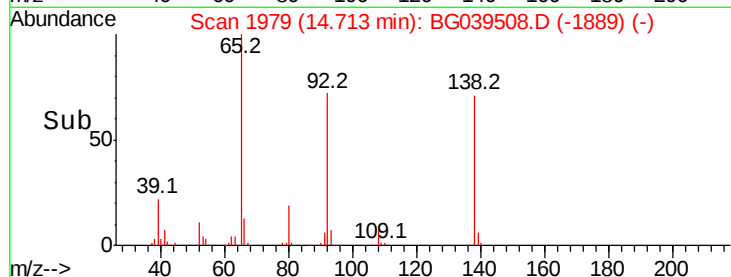
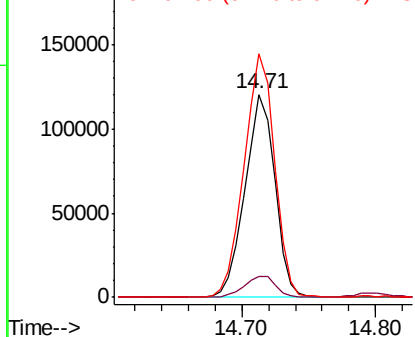
#53
3-Nitroaniline
Concen: 47.279 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:138 Resp: 185617
Ion Ratio Lower Upper
138 100
108 10.3 13.8 20.8#
92 120.2 103.7 155.5

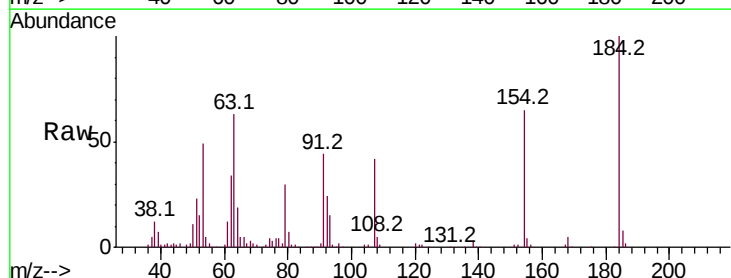


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

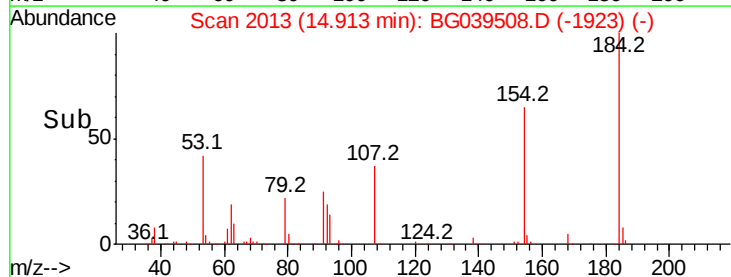
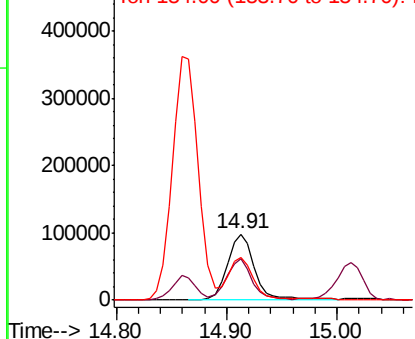


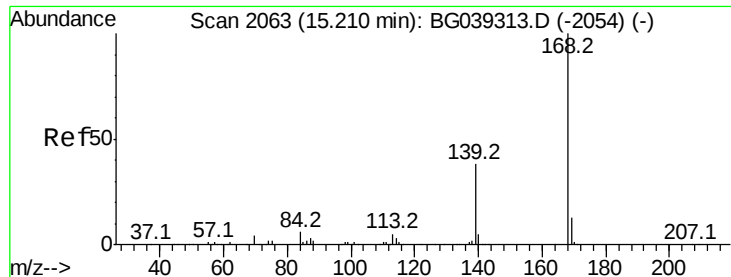
#54
2,4-Dinitrophenol
Concen: 95.691 ng
RT: 14.91 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:184 Resp: 169151
Ion Ratio Lower Upper
184 100
63 62.7 50.9 76.3
154 64.8 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

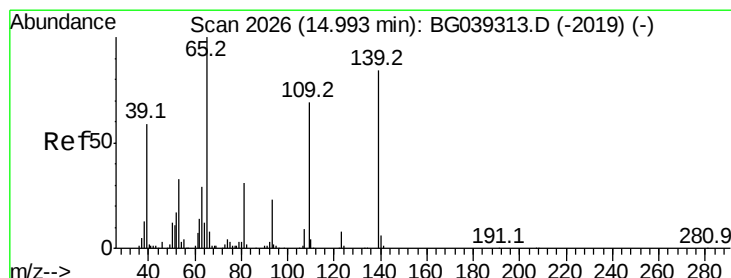
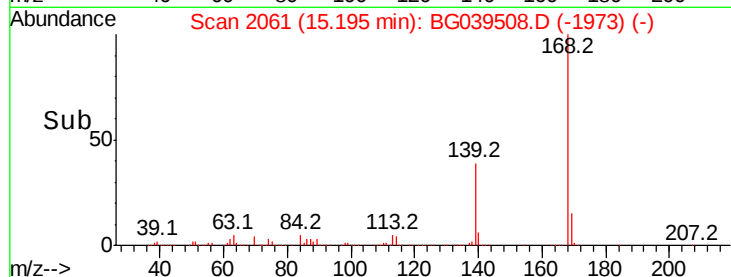
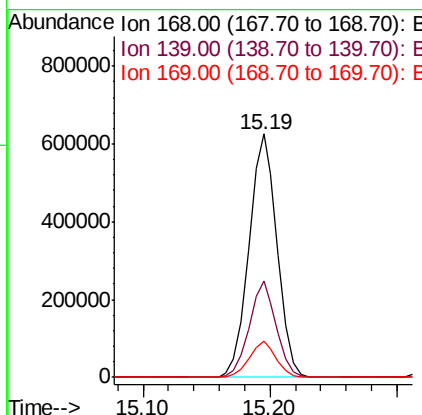
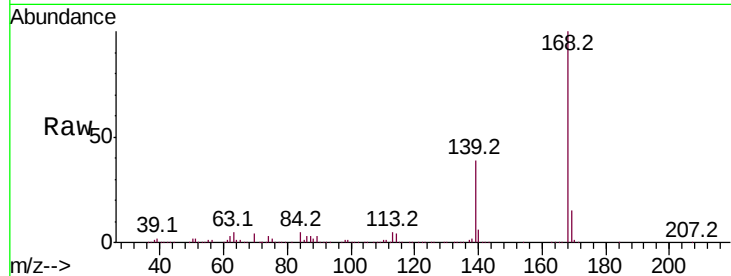




#55
Dibenzofuran
Concen: 40.247 ng
RT: 15.19 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

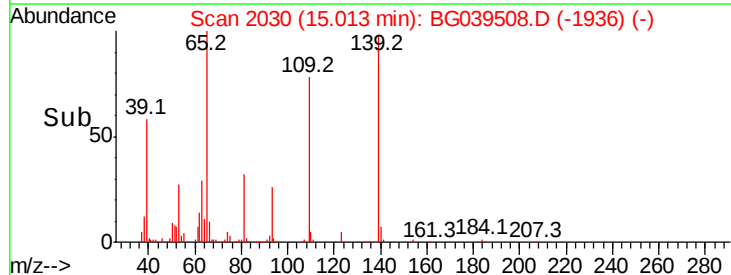
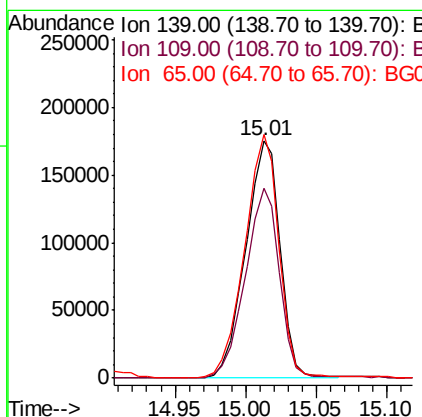
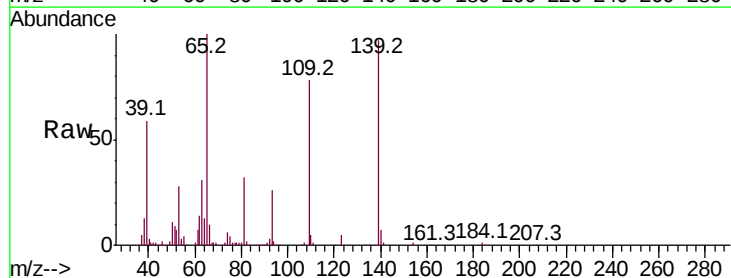
Instrument :
BNA_G
ClientSampleId :
PB117058BS

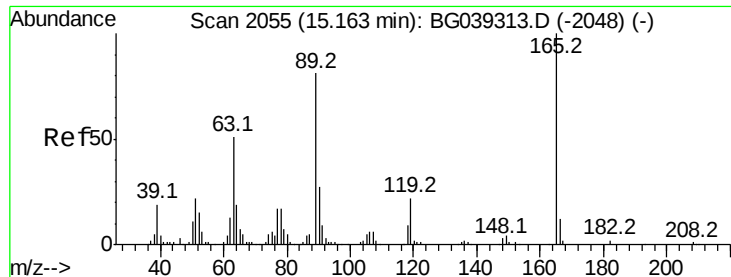
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	14.9	10.6	16.0



#56
4-Nitrophenol
Concen: 84.585 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	61.9	101.9
65	102.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 55.010 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

Tot Ion:165 Resp: 263298

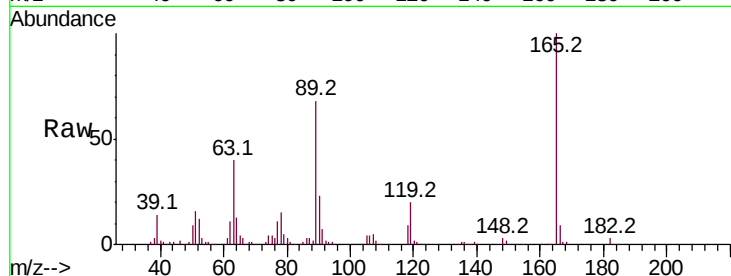
Ion Ratio Lower Upper

165 100

63 39.7 41.0 61.6#

89 68.1 64.6 96.8

182 2.9 2.0 3.0

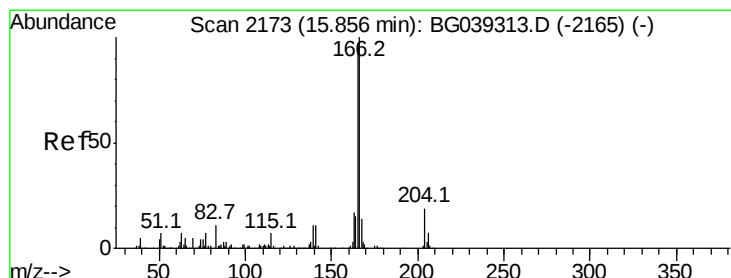
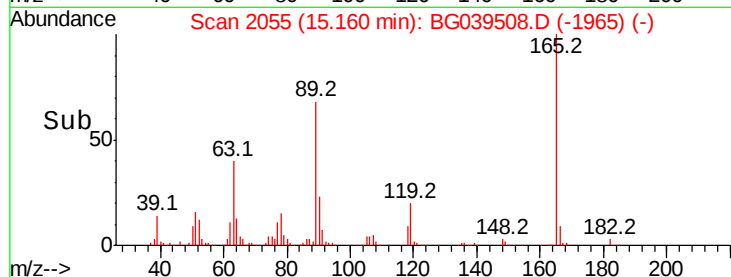
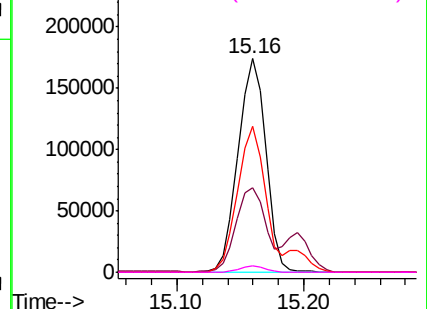


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.401 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

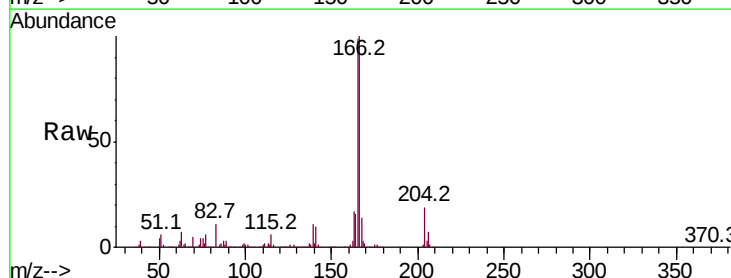
Tgt Ion:166 Resp: 750482

Ion Ratio Lower Upper

166 100

165 98.7 77.9 116.9

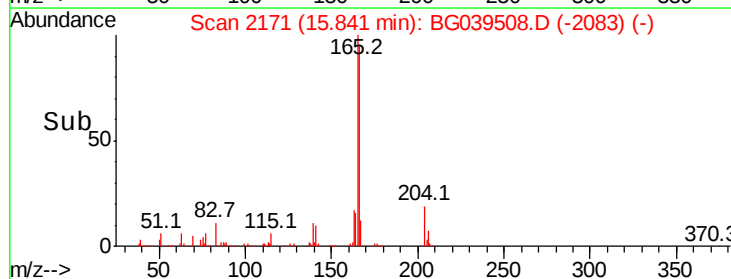
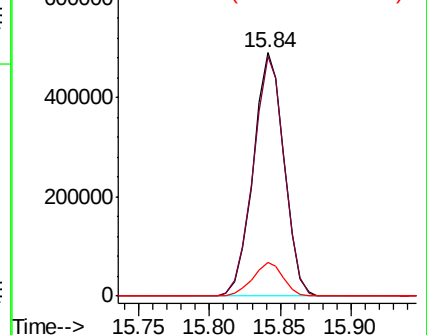
167 14.1 10.8 16.2

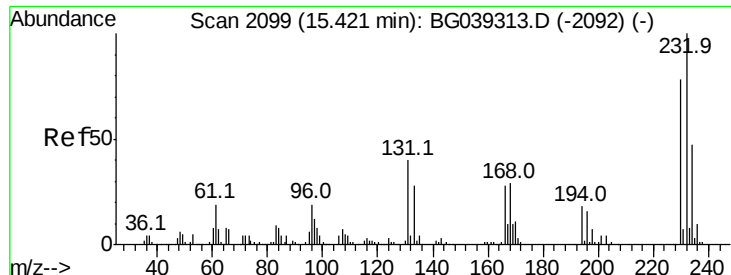


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

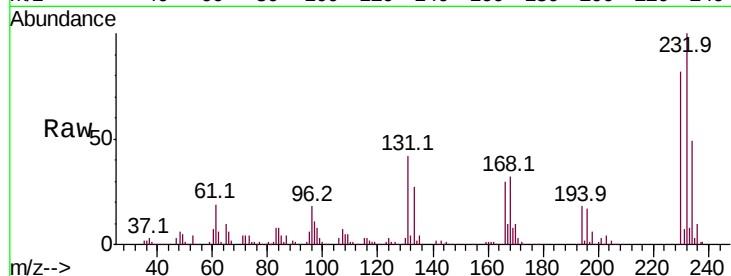




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.360 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion:	232	Resp:	238167
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.9	52.3
130	2.4	2.0	3.0
166	29.9	24.1	36.1



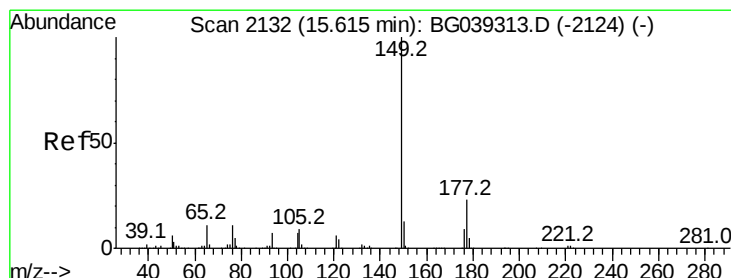
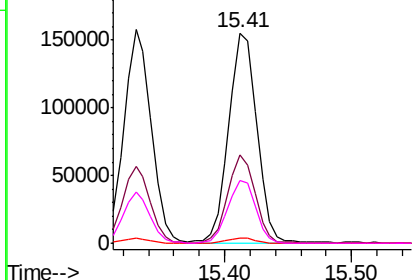
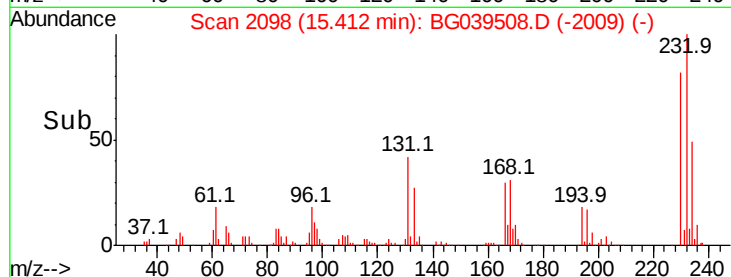
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

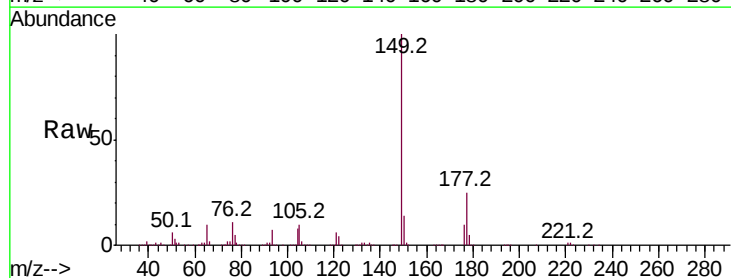
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.493 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Tgt Ion:	149	Resp:	796588
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.3	27.5
150	14.0	10.2	15.2

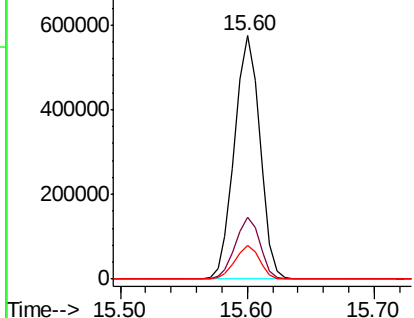
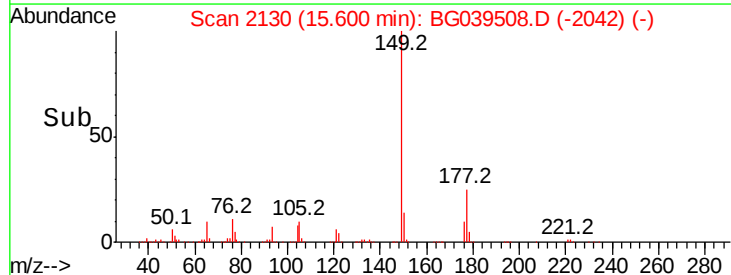


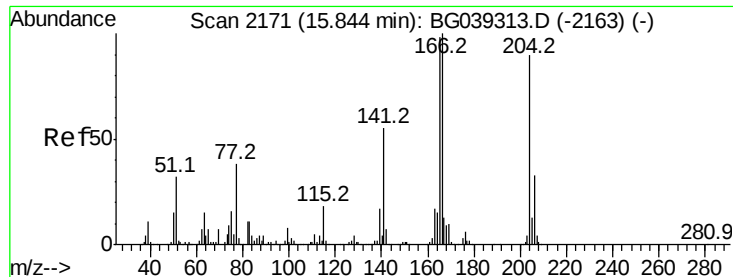
Abundance

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

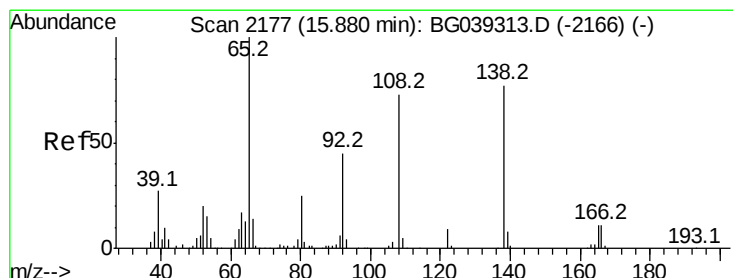
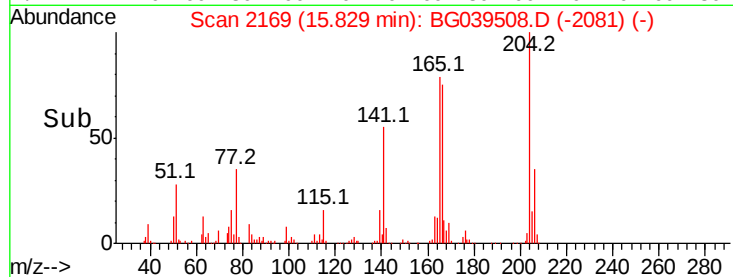
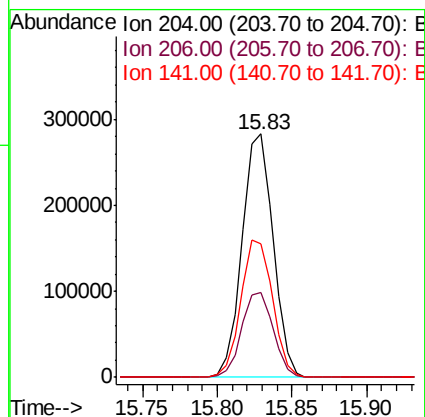
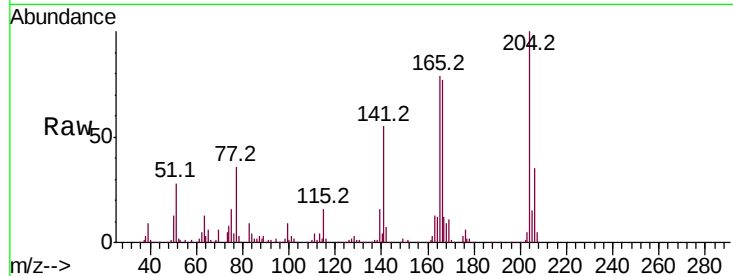




#61
4-Chlorophenyl-phenylether
Concen: 40.695 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

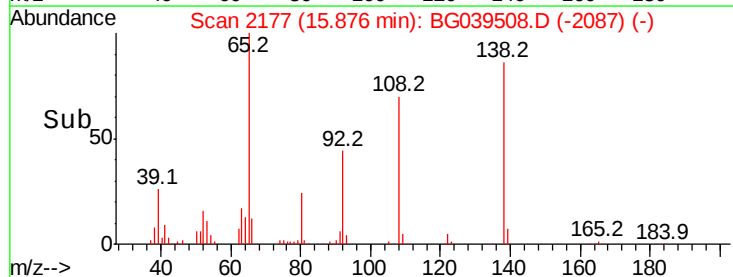
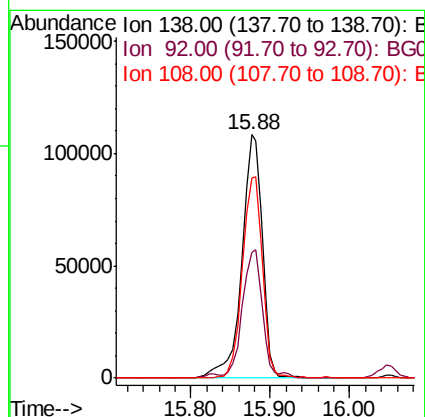
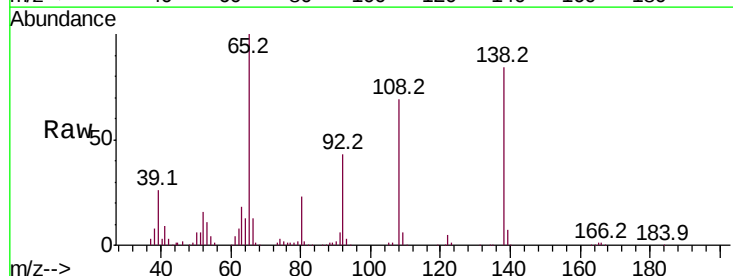
Instrument :
BNA_G
ClientSampleId :
PB117058BS

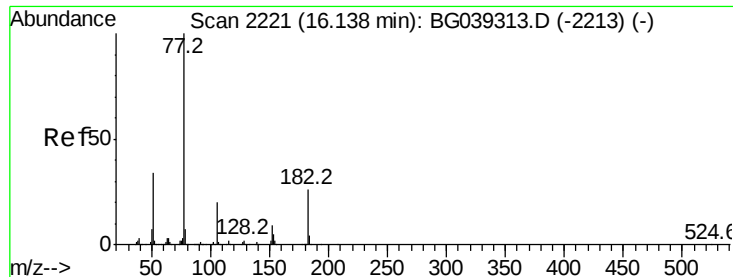
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	29.2	43.8
141	54.7	49.0	73.4



#62
4-Nitroaniline
Concen: 47.502 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	38.7	78.7
108	82.4	74.6	114.6





#63

Azobenzene

Concen: 36.282 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

Tot Ion: 77 Resp: 715288

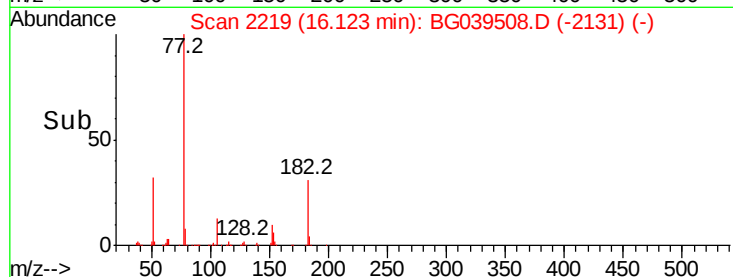
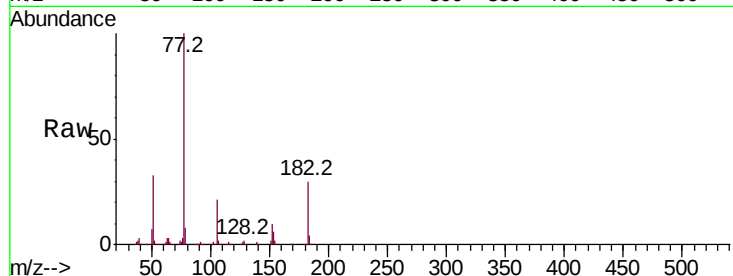
Ion Ratio Lower Upper

77 100

182 30.1 6.4 46.4

105 21.4 0.0 39.8

51 33.1 14.1 54.1

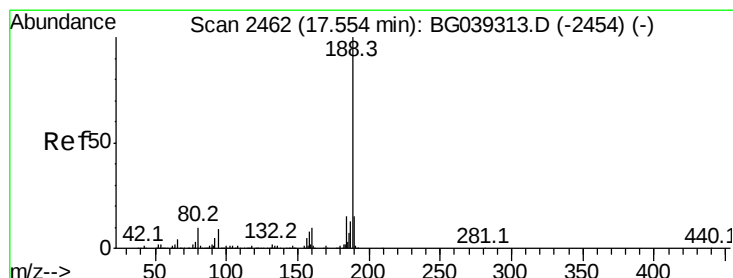
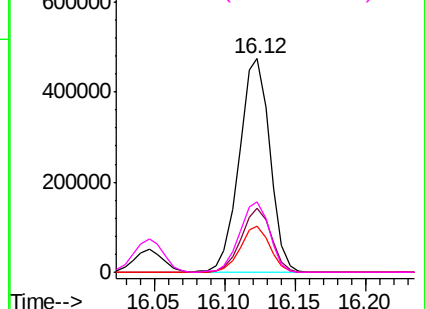


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

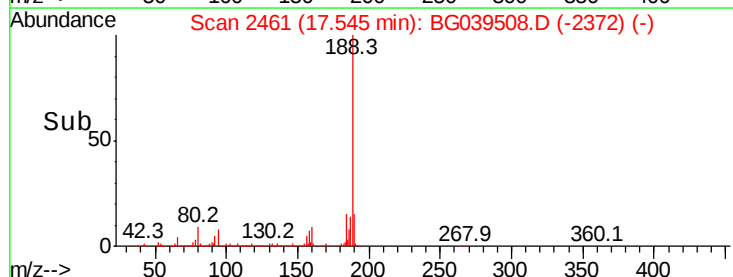
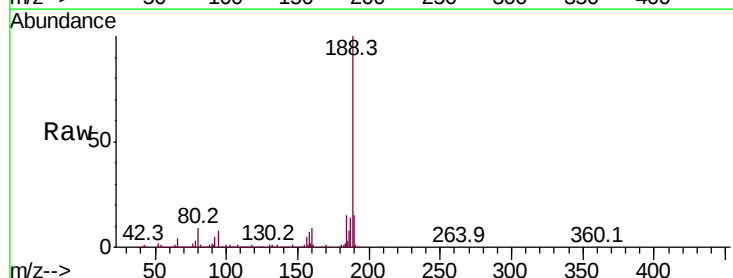
Tgt Ion: 188 Resp: 551031

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

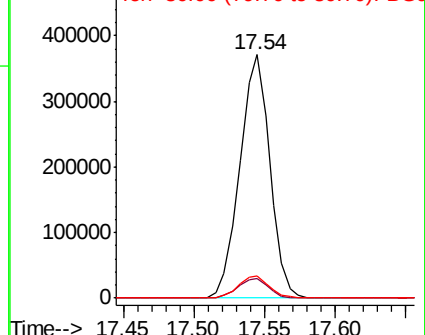
80 9.1 8.1 12.1

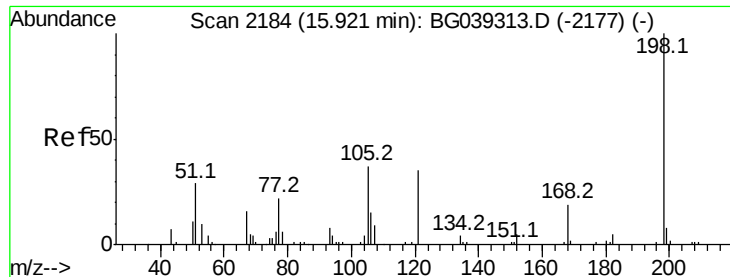


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 58.314 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

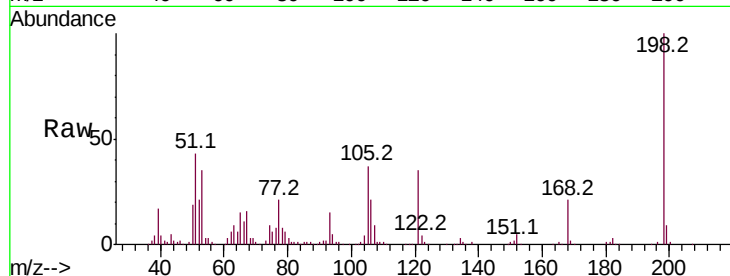
Tot Ion:198 Resp: 137420

Ion Ratio Lower Upper

198 100

51 43.4 27.4 67.4

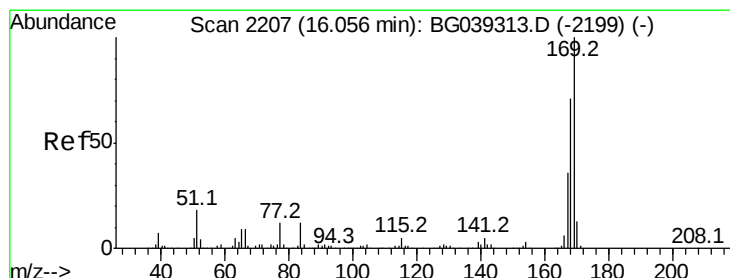
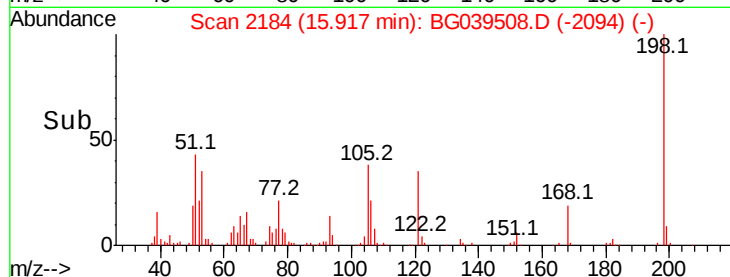
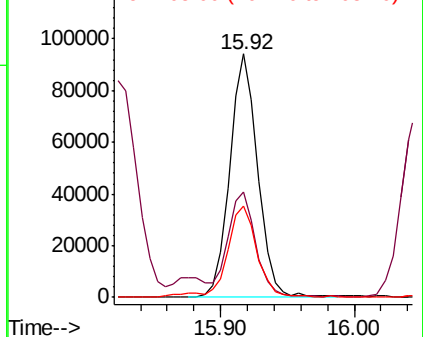
105 37.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.955 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

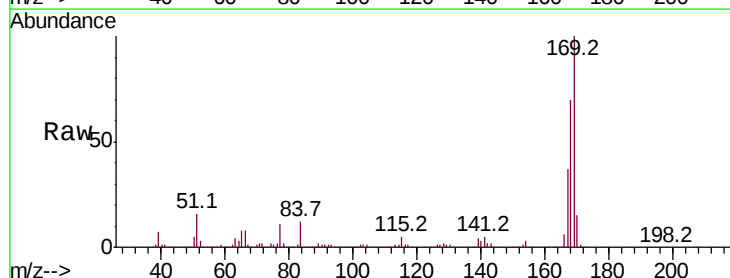
Tgt Ion:169 Resp: 686208

Ion Ratio Lower Upper

169 100

168 70.5 56.6 85.0

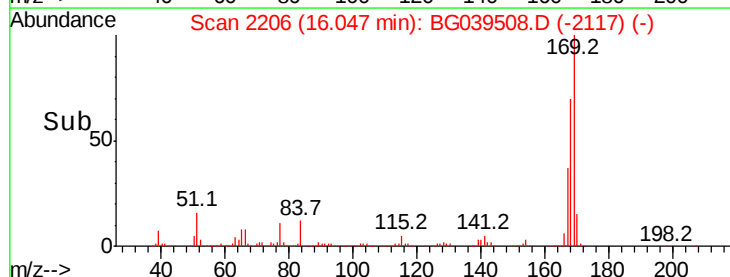
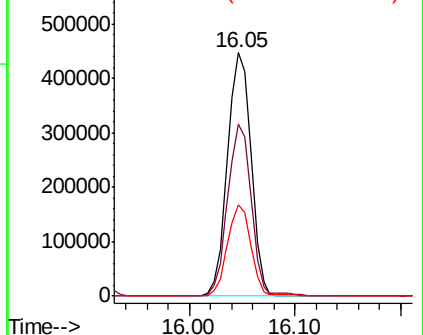
167 37.3 28.8 43.2

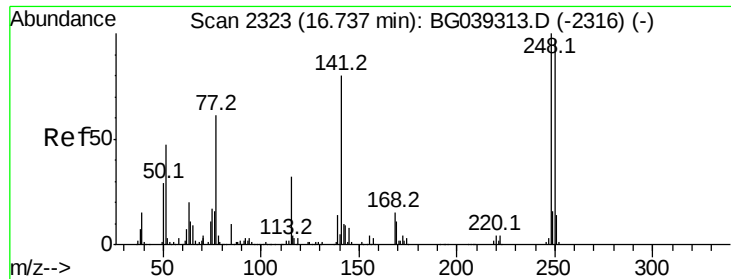


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

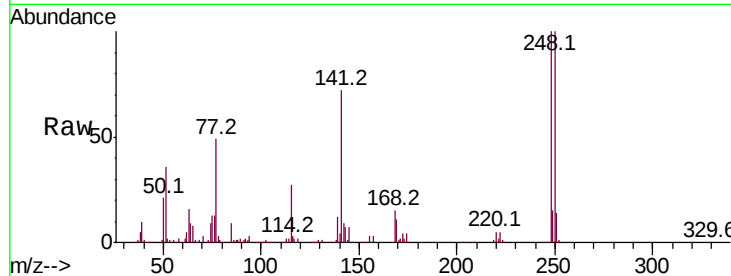




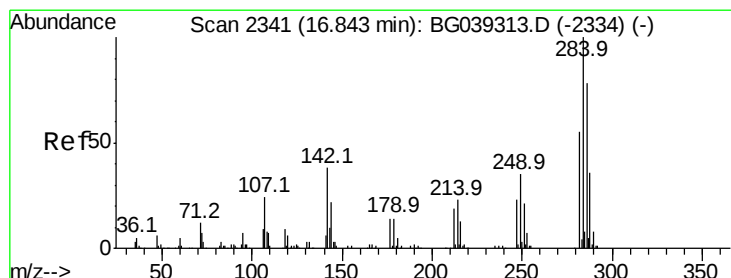
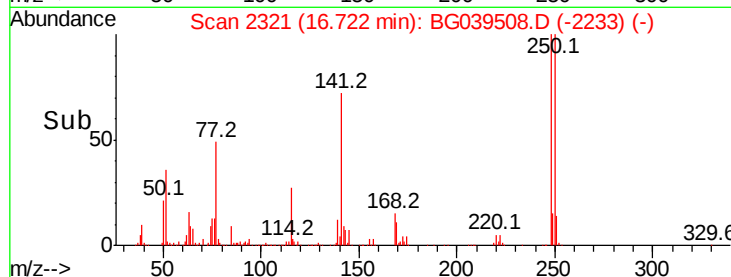
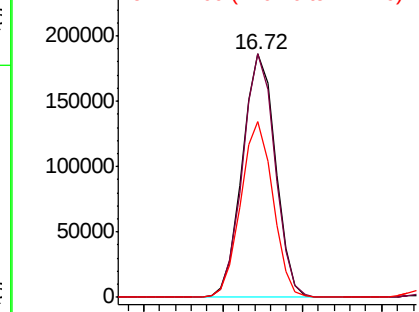
#67
4-Bromophenyl-phenylether
Concen: 44.051 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:248 Resp: 269288
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 72.0 63.9 95.9

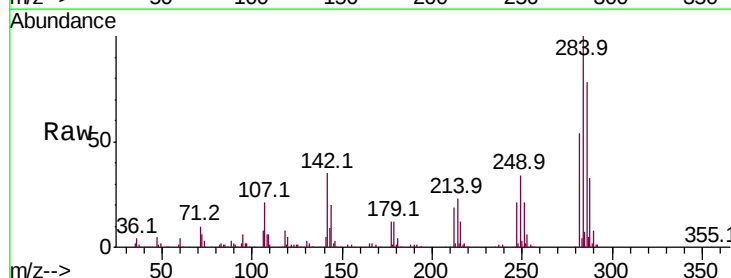


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

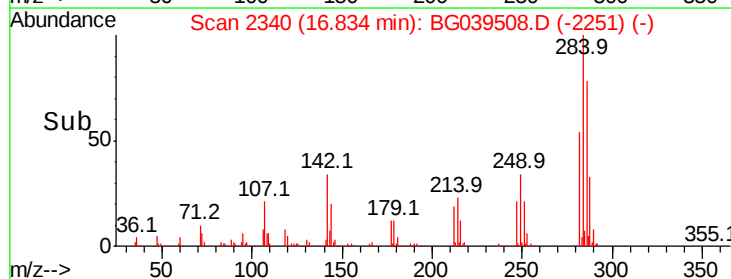
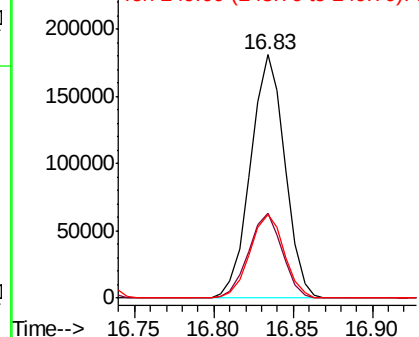


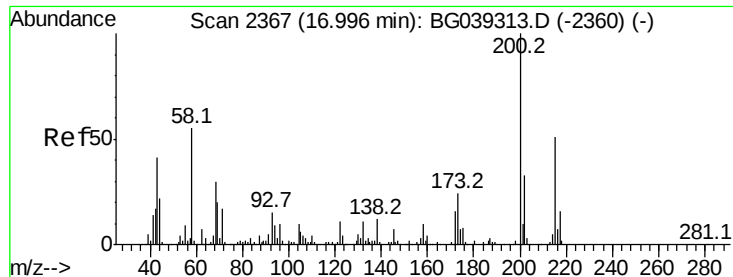
#68
Hexachlorobenzene
Concen: 44.557 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:284 Resp: 273282
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 34.4 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.073 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

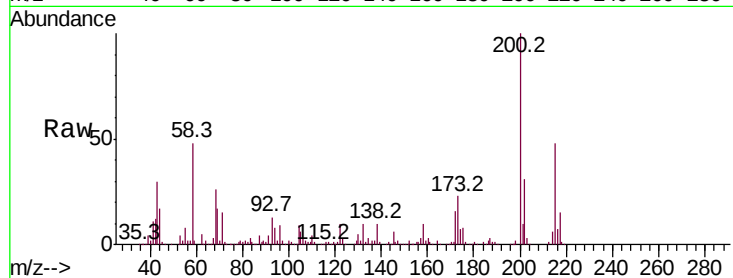
Tot Ion:200 Resp: 245367

Ion Ratio Lower Upper

200 100

173 23.2 3.9 43.9

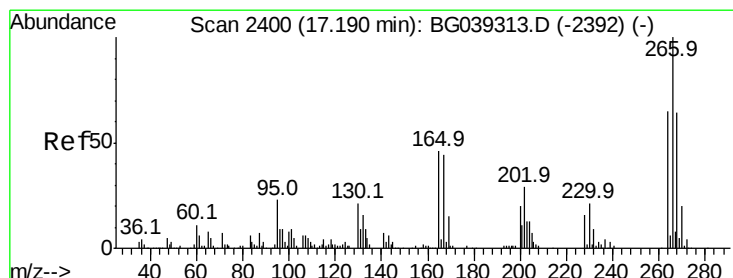
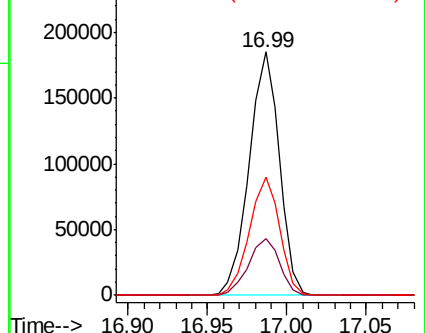
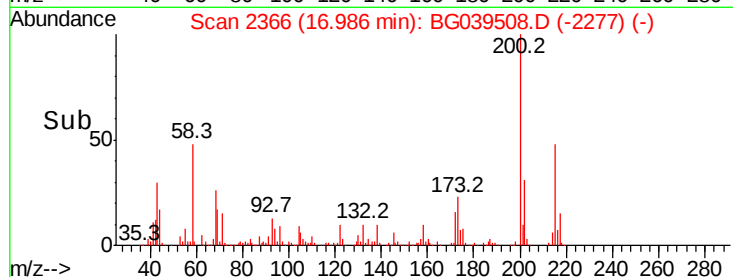
215 48.4 30.9 70.9



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: 81.988 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

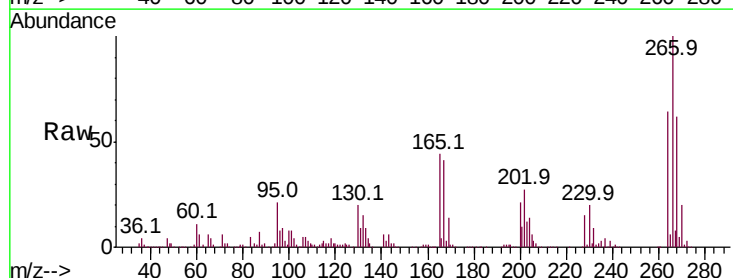
Tgt Ion:266 Resp: 349490

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

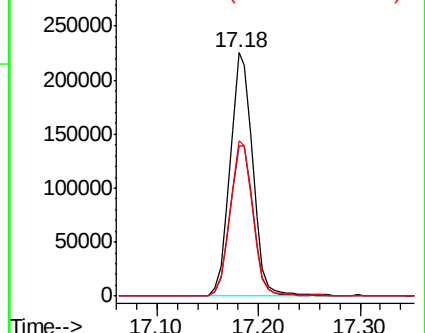
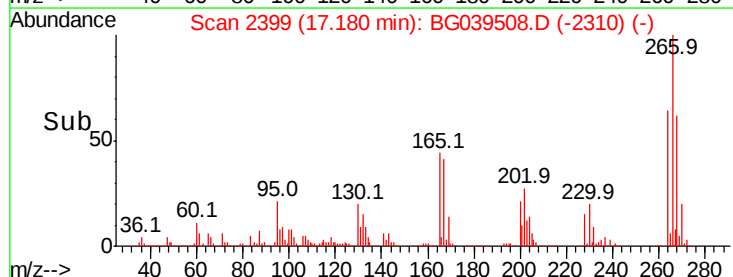
264 64.0 52.1 78.1

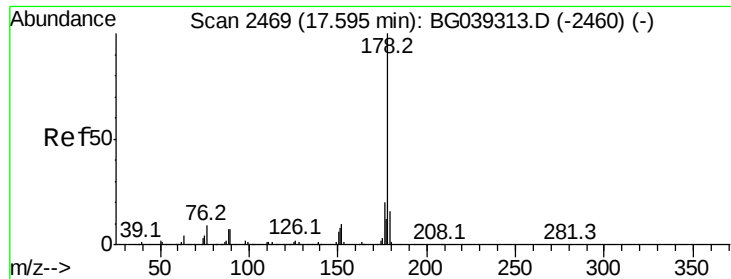


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

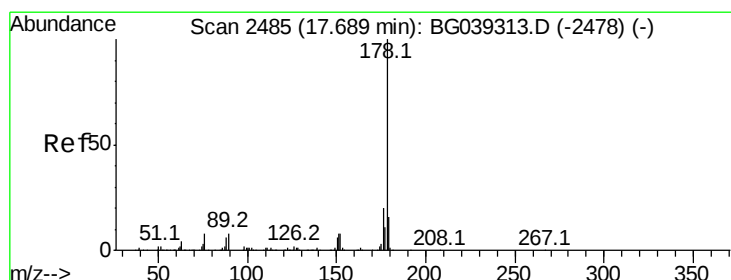
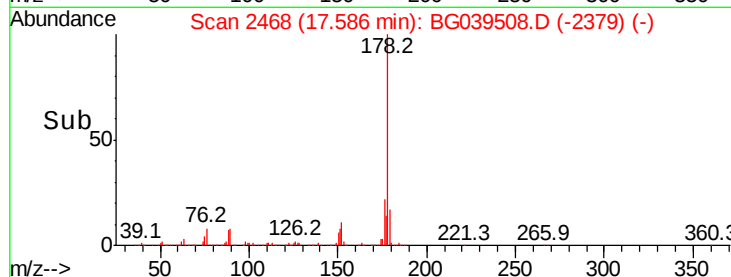
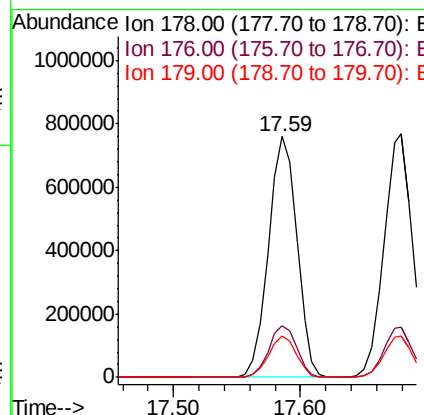
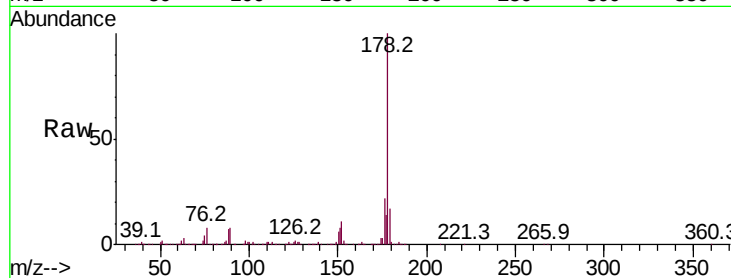




#71
Phenanthrene
Concen: 41.717 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

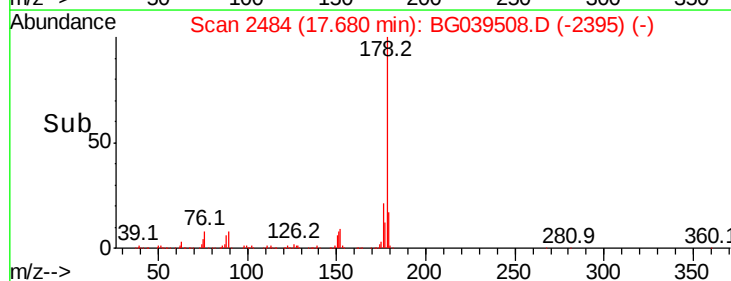
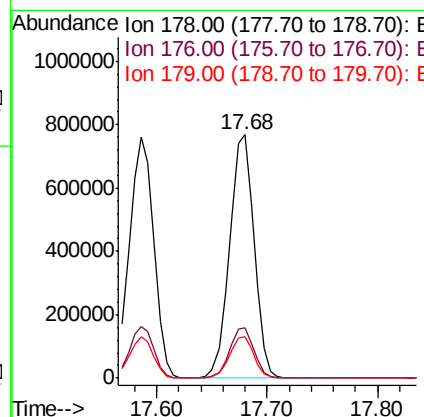
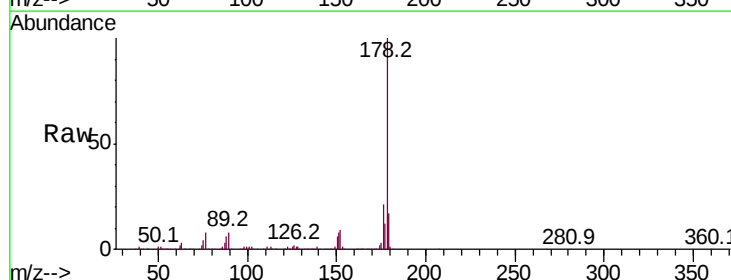
Instrument :
BNA_G
ClientSampleId :
PB117058BS

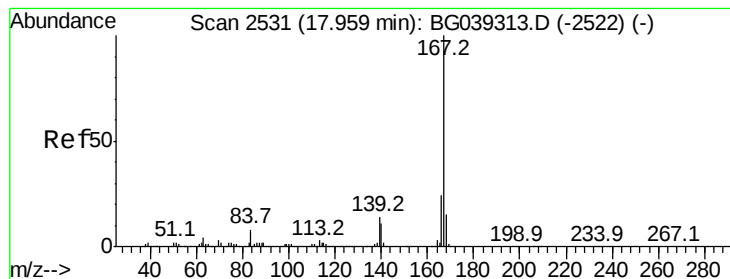
Tot Ion:178 Resp: 1189772
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.4
179 17.4 12.6 19.0



#72
Anthracene
Concen: 42.555 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:178 Resp: 1195446
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 17.0 12.5 18.7





#73

Carbazole

Concen: 37.575 ng

RT: 17.95 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

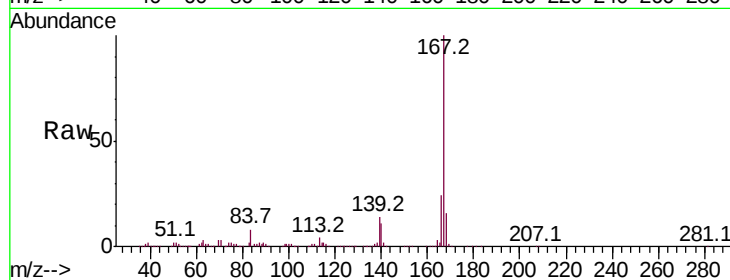
BNA_G

ClientSampleId :

PB117058BS

Tot Ion:167 Resp: 1053436

Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	13.7	10.8	16.2

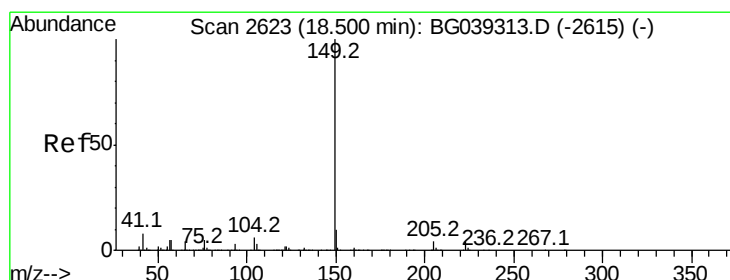
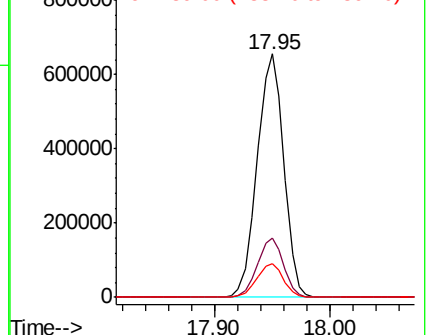
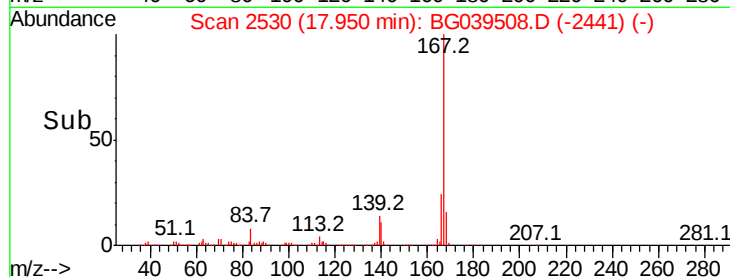


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.111 ng

RT: 18.48 min Scan# 2620

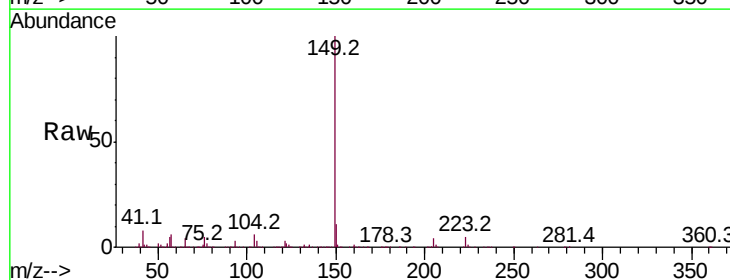
Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Tgt Ion:149 Resp: 1279196

Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.7	11.5
104	5.7	4.5	6.7

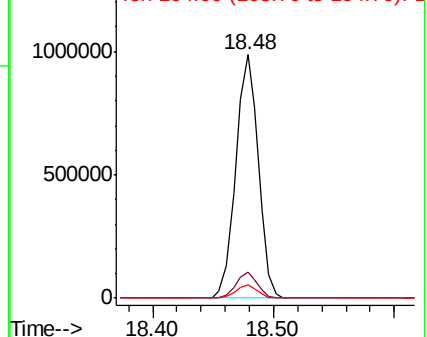
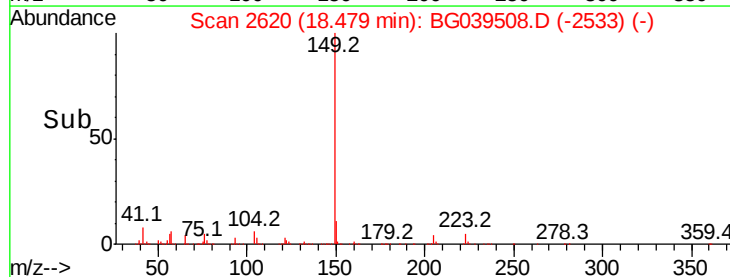


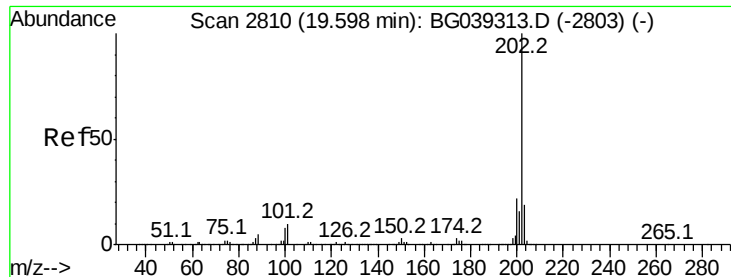
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.160 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

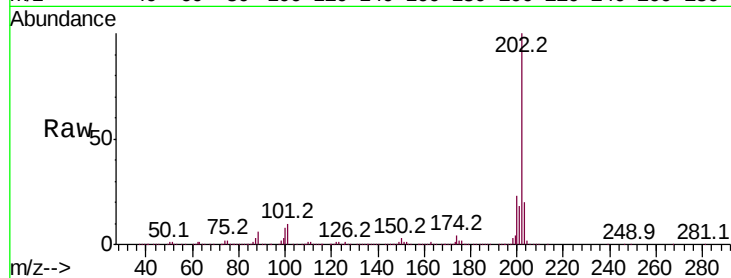
Tot Ion:202 Resp: 1362493

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

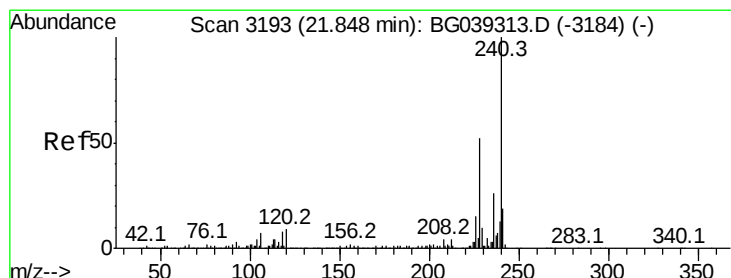
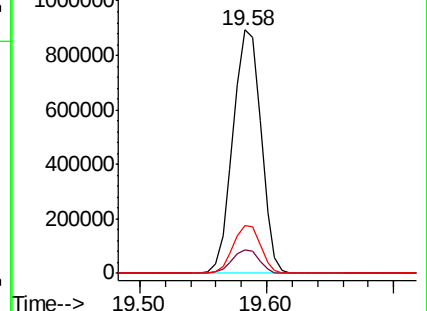
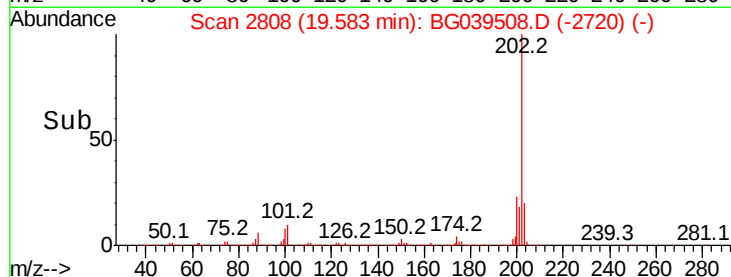
203 19.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

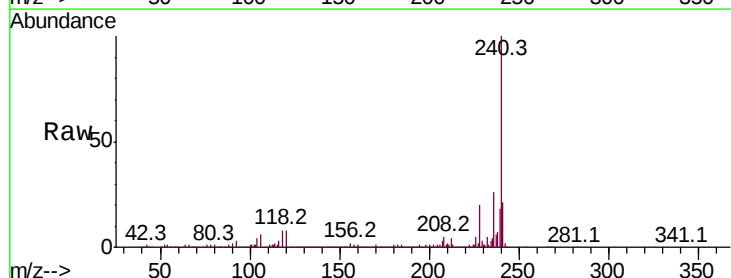
Tgt Ion:240 Resp: 534011

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

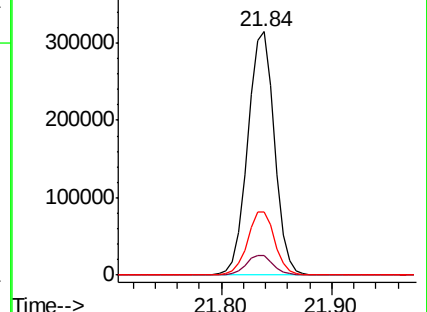
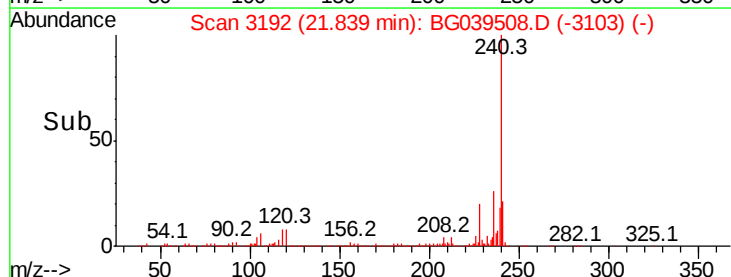
236 25.9 21.0 31.4

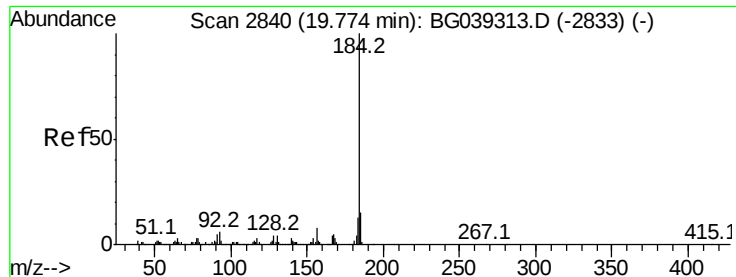


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.899 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

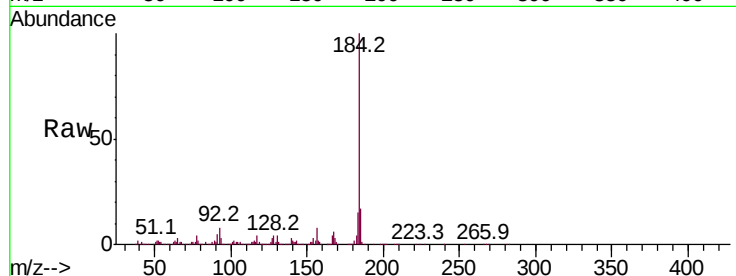
BNA_G

ClientSampleId :

PB117058BS

Tot Ion:184 Resp: 1276310

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.2	18.2
183	14.8	10.6	15.8

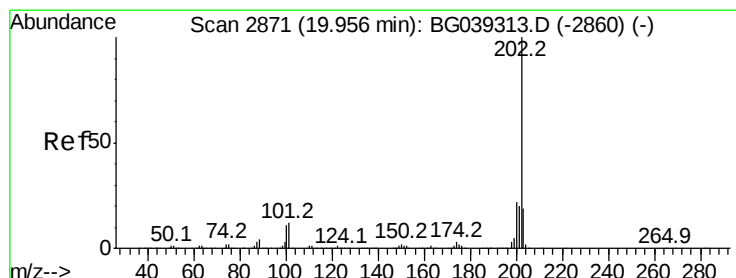
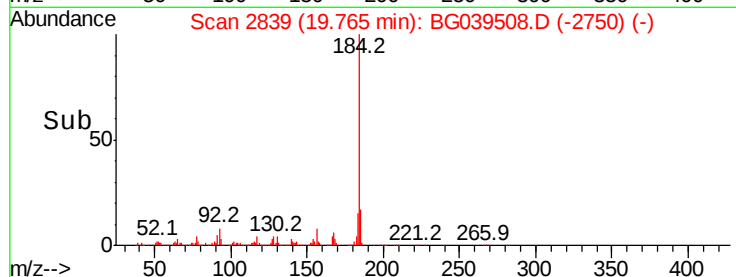
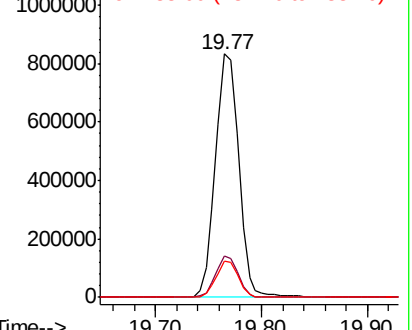


Abundance

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: 40.789 ng

RT: 19.95 min Scan# 2870

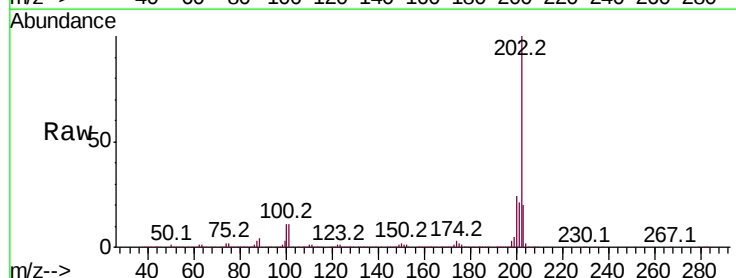
Delta R.T. -0.01 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Tgt Ion:202 Resp: 1355959

Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.8	26.8
203	19.9	15.3	22.9

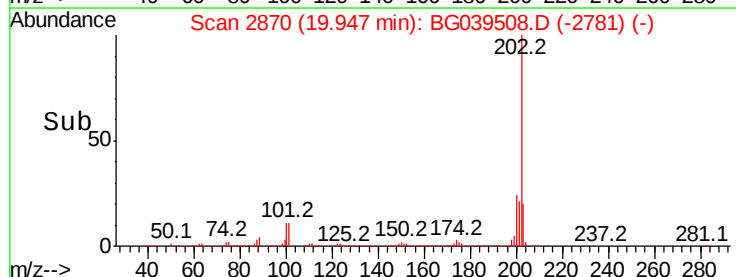
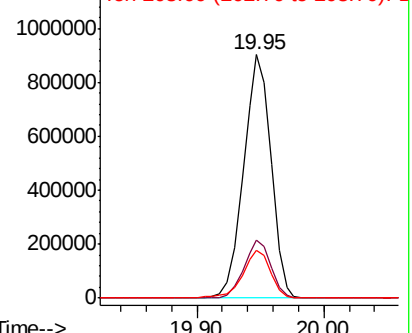


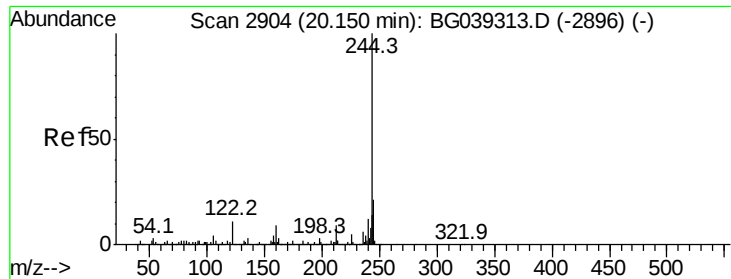
Abundance

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: 69.104 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

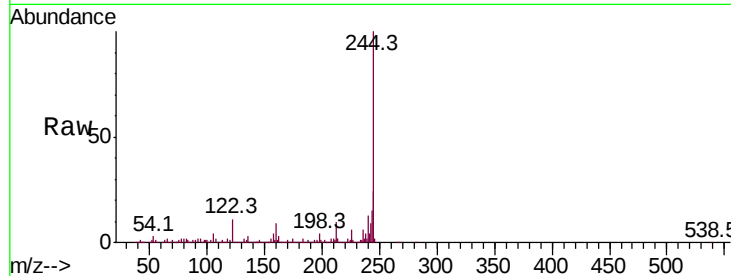
Tot Ion:244 Resp: 1743388

Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

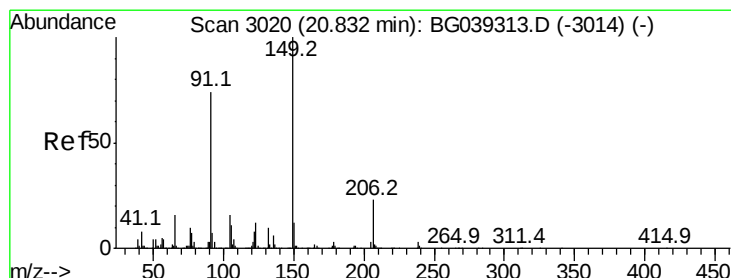
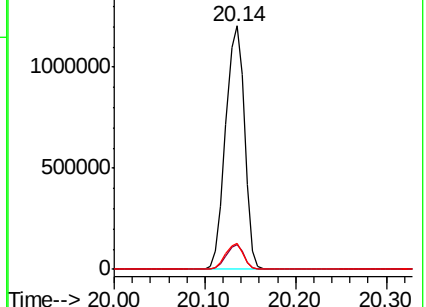
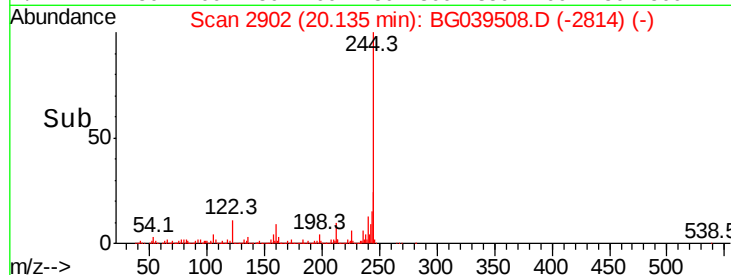
122 10.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.082 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

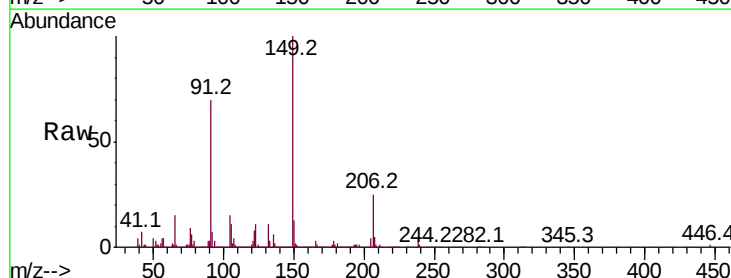
Tgt Ion:149 Resp: 590132

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

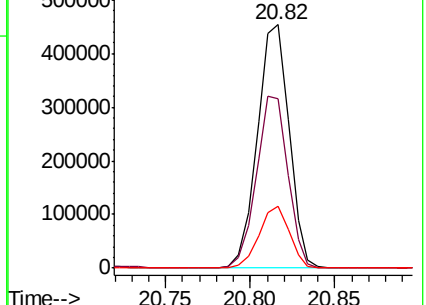
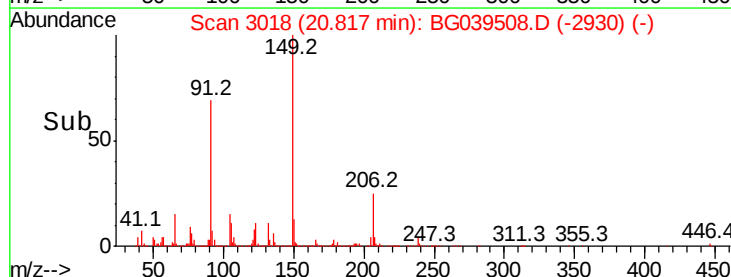
206 25.2 18.6 27.8

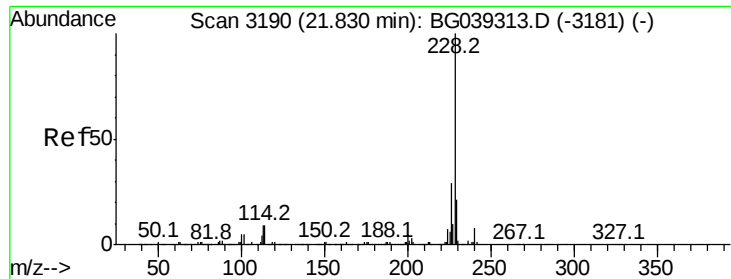


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.881 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

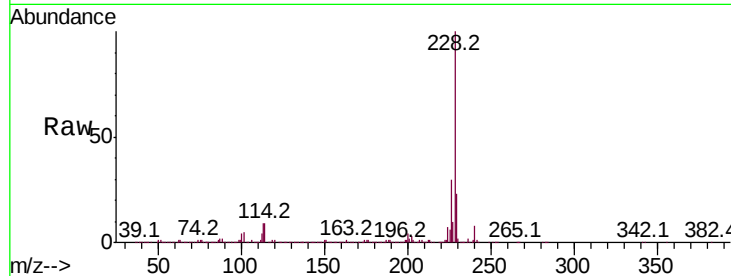
BNA_G

ClientSampleId :

PB117058BS

Tot Ion:228 Resp: 1353069

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	22.8	16.9	25.3

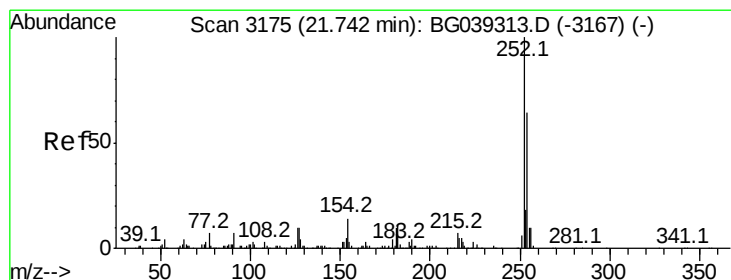
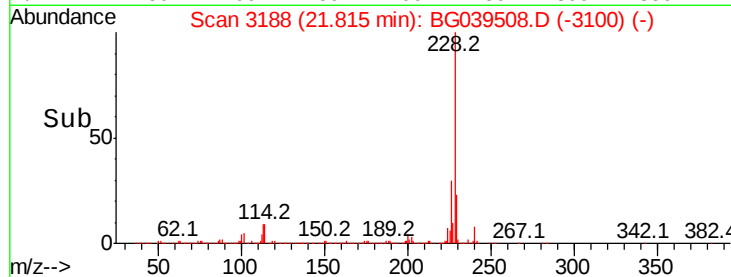
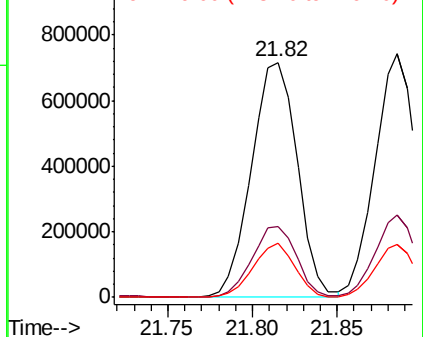


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.927 ng

RT: 21.73 min Scan# 3173

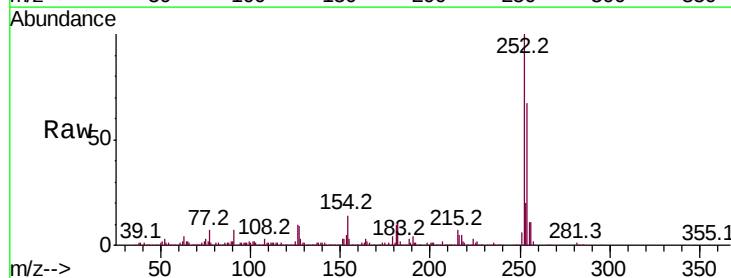
Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Tgt Ion:252 Resp: 513949

Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.3	76.9
126	9.5	8.0	12.0

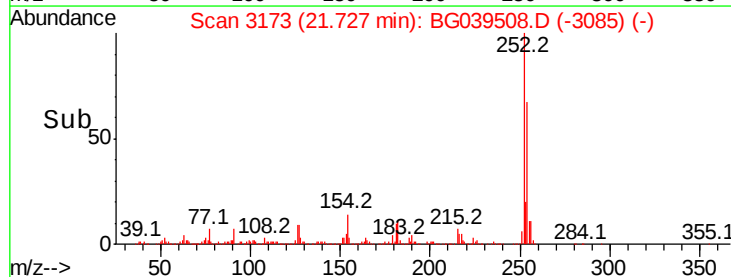
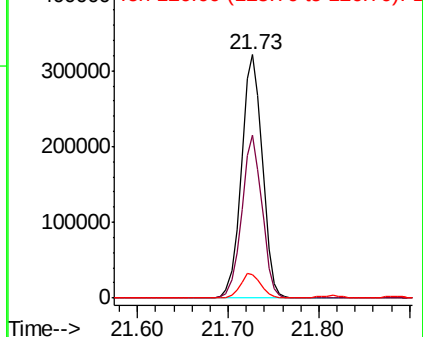


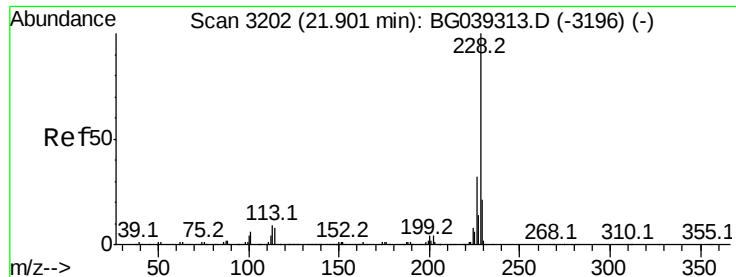
Abundance

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



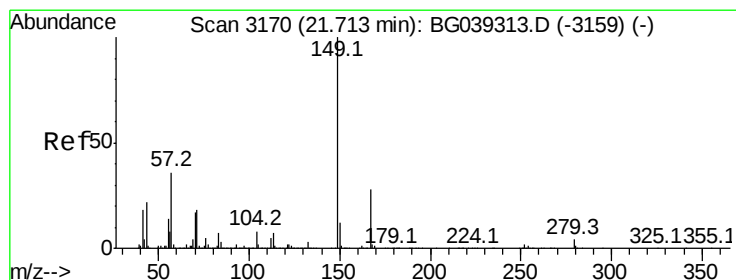
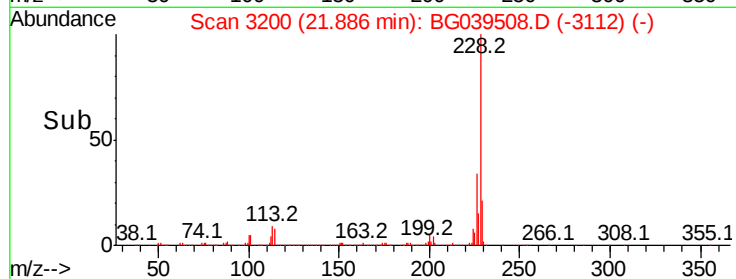
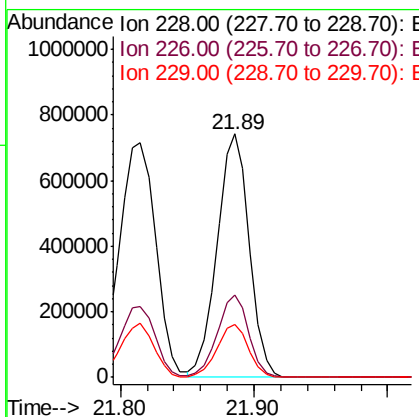
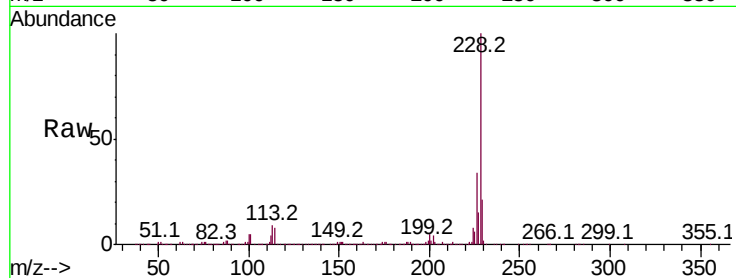


#83
 Chrysene
 Concen: 41.639 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117058BS

Tot Ion:228 Resp: 1250736

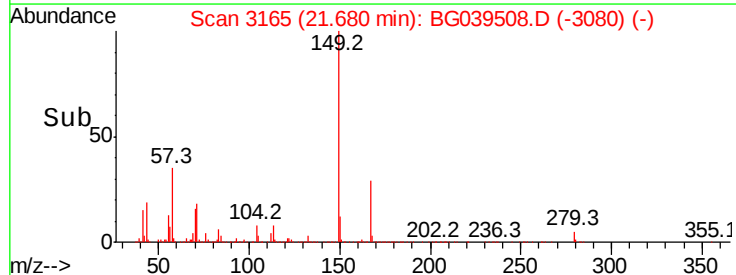
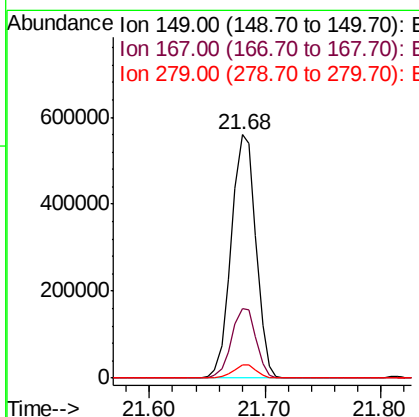
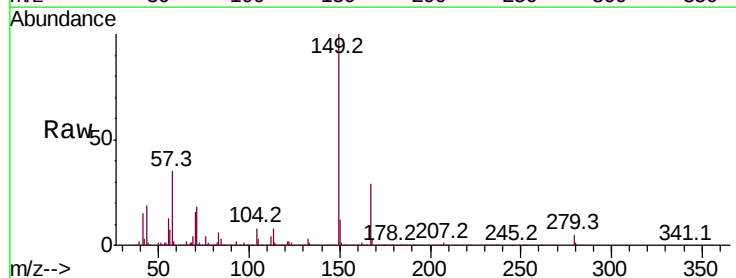
Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.8	38.6
229	21.5	16.6	25.0

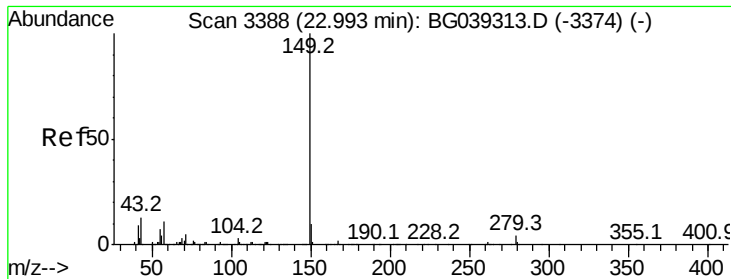


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.333 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039508.D
 Acq: 14 Feb 2019 11:16

Tgt Ion:149 Resp: 826921

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	5.4	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 42.713 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

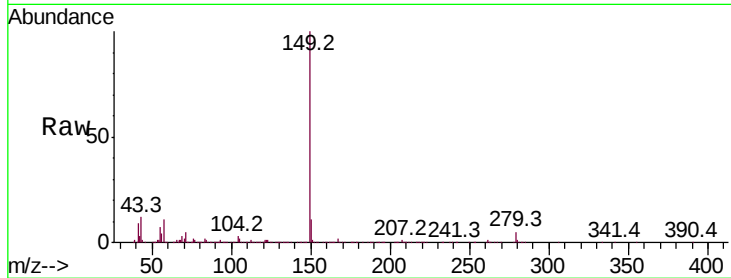
Tot Ion:149 Resp: 1411778

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

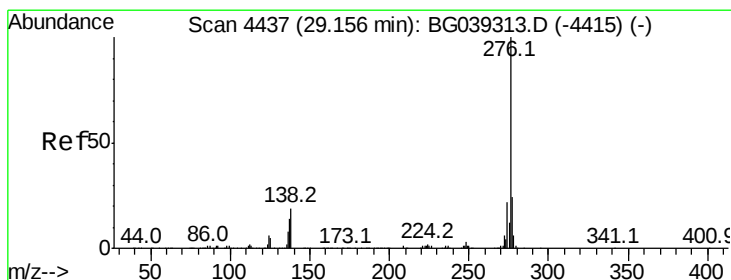
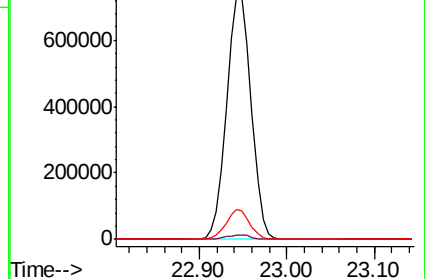
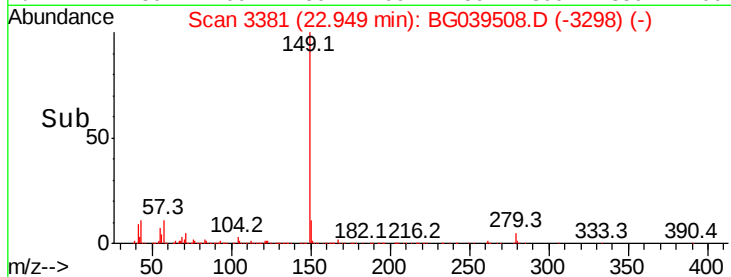
43 11.4 10.2 15.4



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: 47.630 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

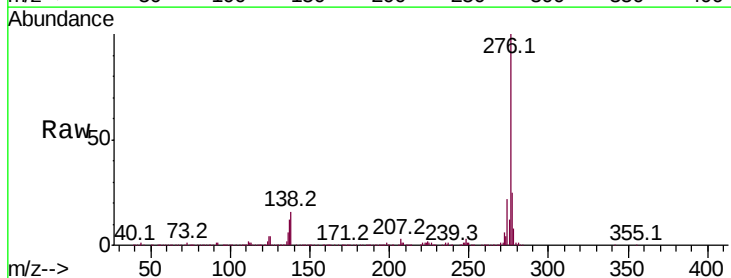
Tgt Ion:276 Resp: 1535013

Ion Ratio Lower Upper

276 100

138 15.3 12.6 19.0

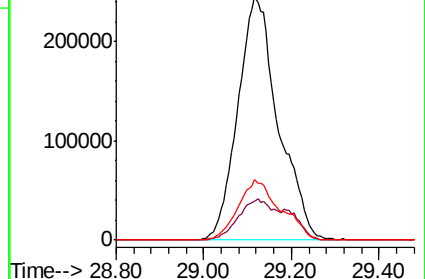
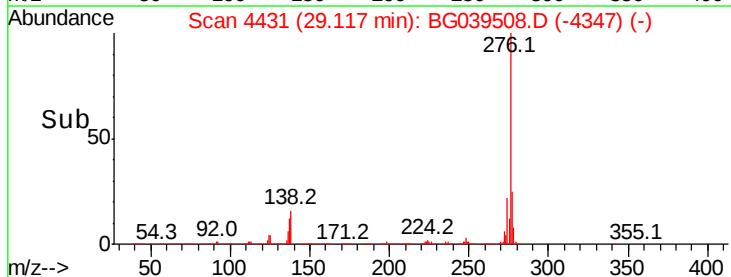
277 26.0 20.8 31.2

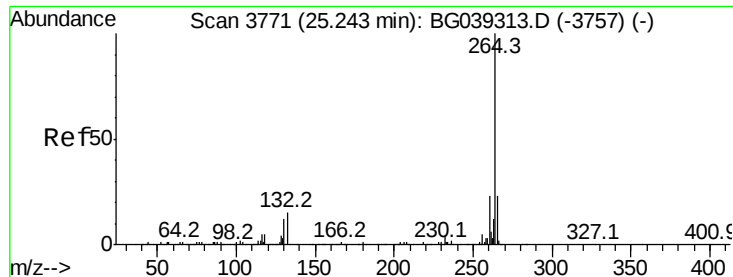


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

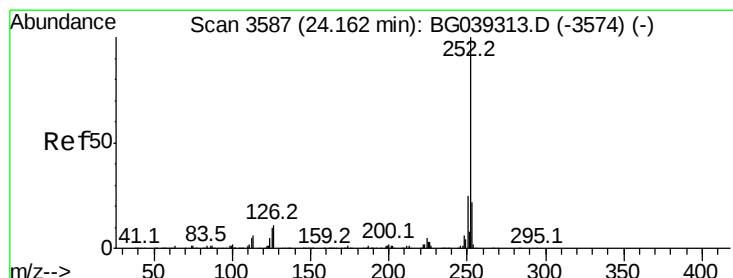
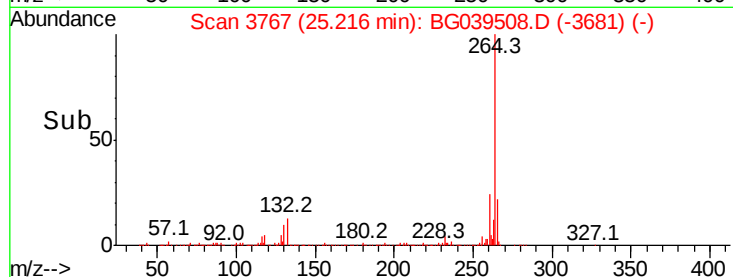
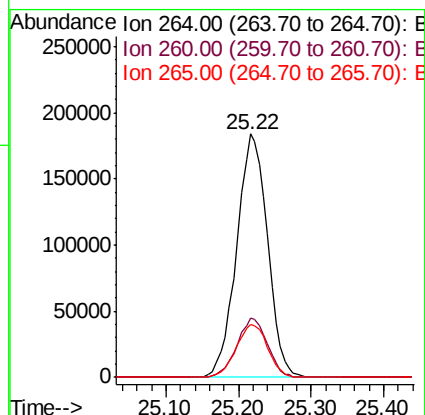
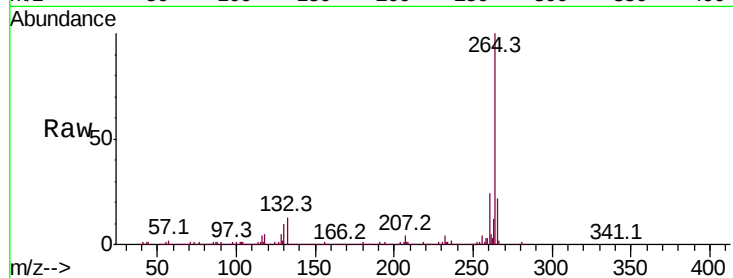




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

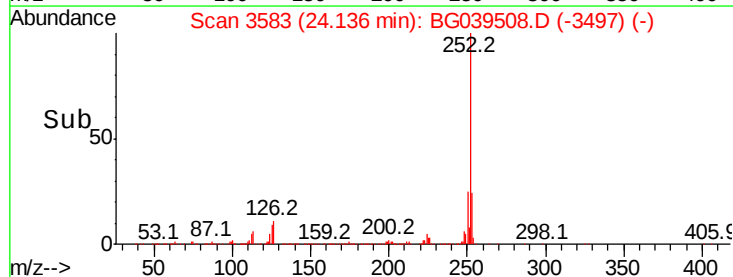
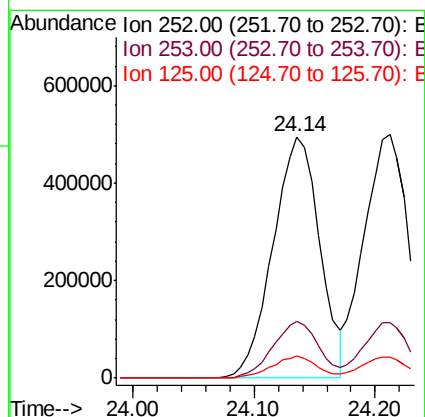
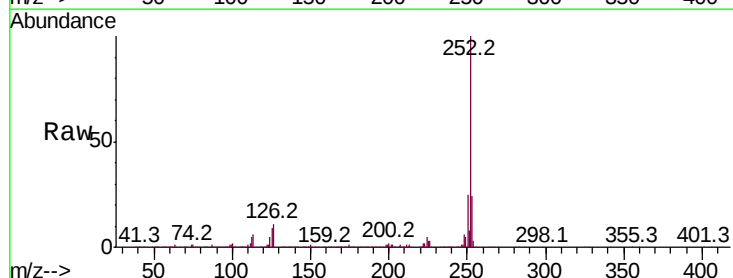
Instrument :
BNA_G
ClientSampleId :
PB117058BS

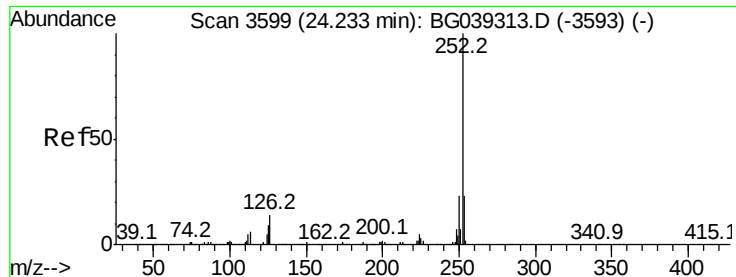
Tot Ion:264	Resp:	541766
Ion	Ratio	Lower Upper
264	100	
260	24.2	18.2 27.4
265	21.8	18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 44.857 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:252	Resp:	1325334
Ion	Ratio	Lower Upper
252	100	
253	23.7	17.8 26.8
125	9.1	7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.010 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

Instrument :

BNA_G

ClientSampleId :

PB117058BS

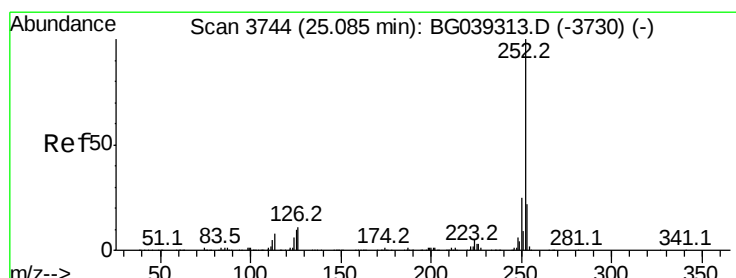
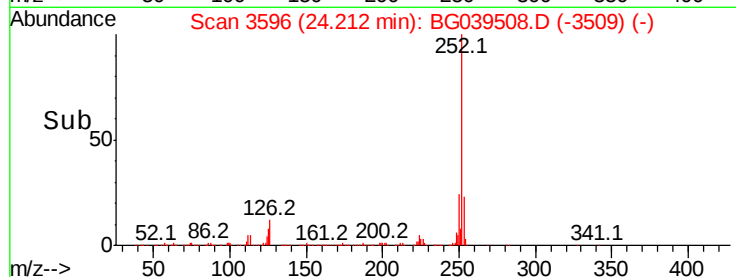
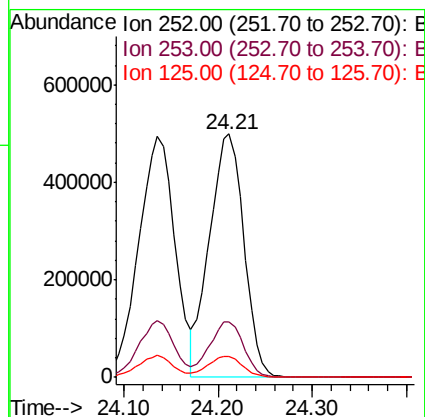
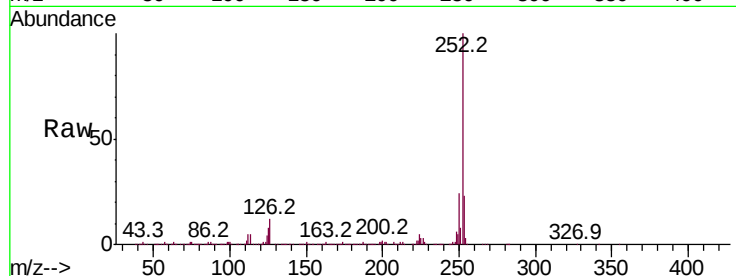
Tot Ion:252 Resp: 1275816

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.597 ng

RT: 25.06 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG039508.D

Acq: 14 Feb 2019 11:16

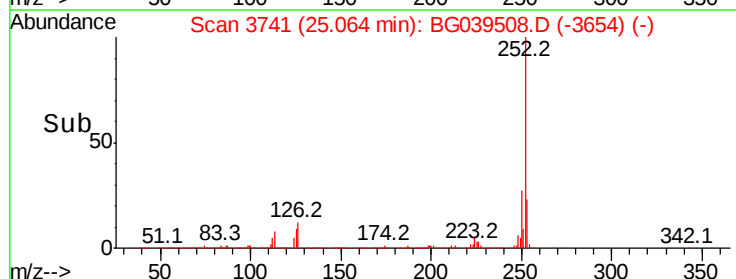
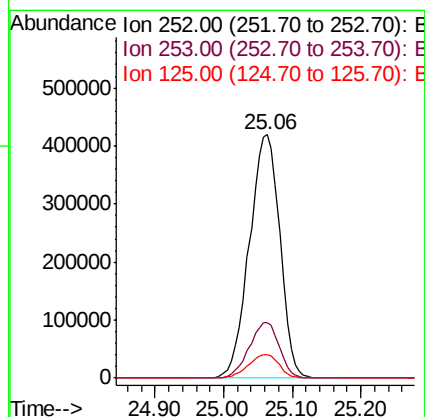
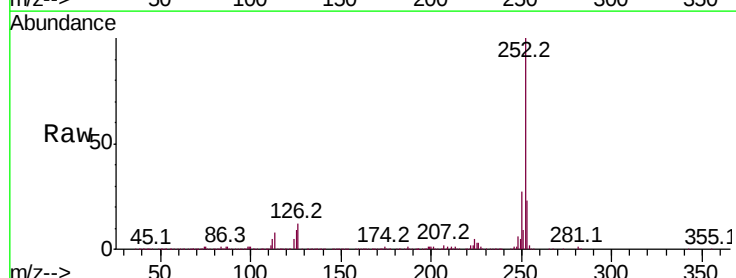
Tgt Ion:252 Resp: 1297453

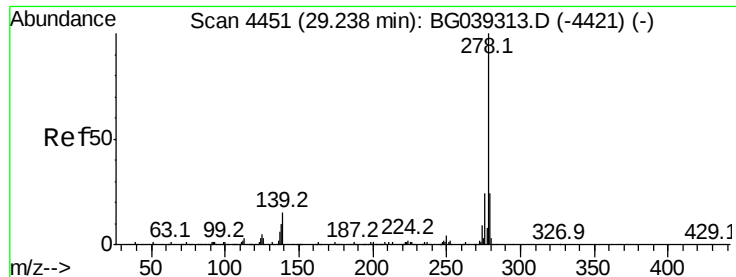
Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 9.5 8.3 12.5

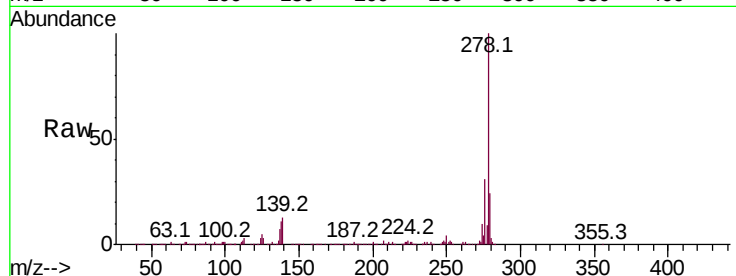




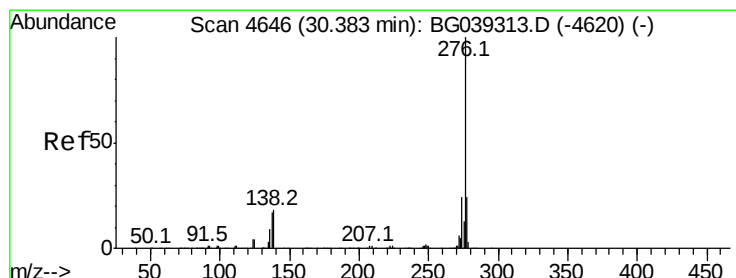
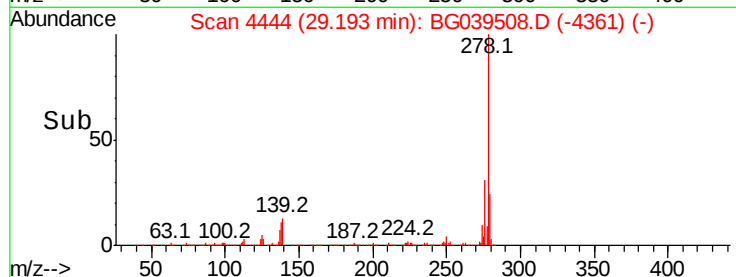
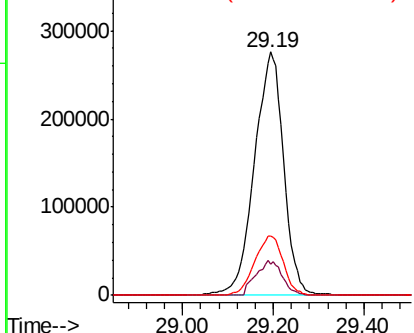
#91
Dibenzo(a,h)anthracene
Concen: 46.375 ng
RT: 29.19 min Scan# 4444
Delta R.T. -0.04 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Instrument :
BNA_G
ClientSampleId :
PB117058BS

Tot Ion:278 Resp: 1235793
Ion Ratio Lower Upper
278 100
139 13.0 11.7 17.5
279 24.5 19.1 28.7

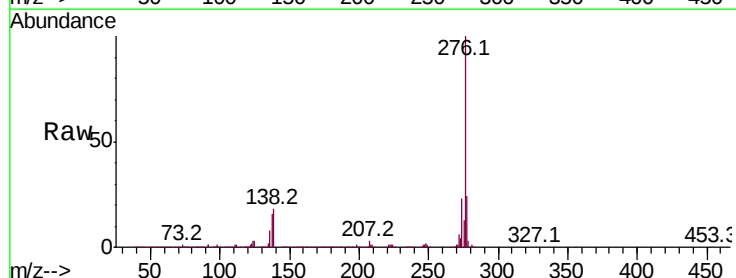


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.107 ng
RT: 30.35 min Scan# 4641
Delta R.T. -0.03 min
Lab File: BG039508.D
Acq: 14 Feb 2019 11:16

Tgt Ion:276 Resp: 1277738
Ion Ratio Lower Upper
276 100
277 23.6 19.6 29.4
138 18.2 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

