

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039692.D
 Acq On : 1 Mar 2019 18:23
 Operator : JU/SJ
 Sample : PB117428BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Quant Time: Mar 02 03:11:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47778	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	202825	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	133261	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	322240	20.00	ng	0.00
76) Chrysene-d12	21.82	240	330134	20.00	ng	0.00
87) Perylene-d12	25.19	264	335884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	395130	141.54	ng	0.00
7) Phenol-d6	7.31	99	546153	132.91	ng	0.00
23) Nitrobenzene-d5	9.34	82	298925	92.07	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	201162	140.18	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	703147	75.69	ng	0.00
79) Terphenyl-d14	20.12	244	1170096	75.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	49457	40.502	ng	96
3) Pyridine	4.00	79	128672	39.799	ng	98
4) n-Nitrosodimethylamine	3.92	42	66794	41.311	ng	# 80
6) Aniline	7.49	93	143105	27.804	ng	97
8) 2-Chlorophenol	7.72	128	143123	46.903	ng	98
9) Benzaldehyde	7.30	77	104745	58.009	ng	98
10) Phenol	7.34	94	193772	45.238	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	137267	40.555	ng	92
12) 1,3-Dichlorobenzene	8.05	146	151029	40.856	ng	97
13) 1,4-Dichlorobenzene	8.20	146	152626	41.424	ng	98
14) 1,2-Dichlorobenzene	8.52	146	147267	41.288	ng	99
15) Benzyl Alcohol	8.40	79	135480	41.996	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	260727	34.111	ng	98
17) 2-Methylphenol	8.60	107	124657	44.971	ng	96
18) Hexachloroethane	9.25	117	53484	42.193	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	105979	36.338	ng	# 95
20) 3+4-Methylphenols	8.92	107	168822	44.228	ng	98
22) Acetophenone	8.99	105	207671	38.117	ng	# 95
24) Nitrobenzene	9.39	77	165514	47.189	ng	92
25) Isophorone	9.90	82	301900	41.962	ng	97
26) 2-Nitrophenol	10.10	139	82521	56.703	ng	94
27) 2,4-Dimethylphenol	10.14	122	144886	49.782	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	188110	42.449	ng	97
29) 2,4-Dichlorophenol	10.63	162	152888	48.065	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	153901	43.096	ng	99
31) Naphthalene	11.04	128	435378	43.269	ng	99
32) Benzoic acid	10.26	122	64440	36.479	ng	87
33) 4-Chloroaniline	11.15	127	104201	22.335	ng	97
34) Hexachlorobutadiene	11.30	225	98871	41.631	ng	92
35) Caprolactam	11.93	113	50413	38.300	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	158159	42.994	ng	98
37) 2-Methylnaphthalene	12.63	142	330641	44.367	ng	99
38) 1-Methylnaphthalene	12.85	142	311797	43.403	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	181560	42.821	ng	99

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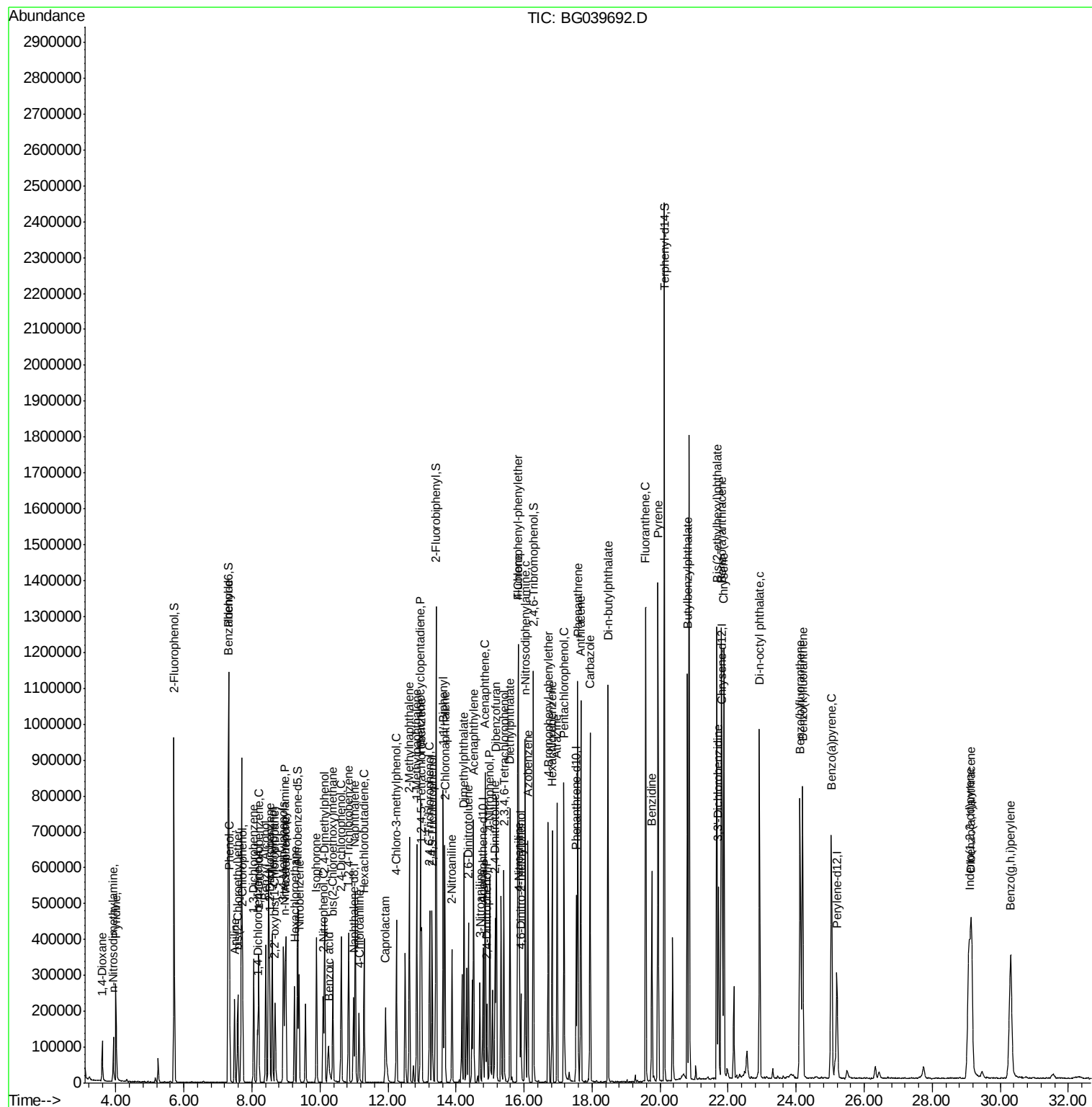
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	238768	103.344	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	123714	47.455	nq	96
44) 2,4,5-Trichlorophenol	13.30	196	130968	47.933	nq	96
46) 1,1'-Biphenyl	13.62	154	439180	39.610	nq	100
47) 2-Chloronaphthalene	13.67	162	340713	40.848	nq	98
48) 2-Nitroaniline	13.88	65	113619	47.519	nq	95
49) Acenaphthylene	14.51	152	540912	42.978	nq	98
50) Dimethylphthalate	14.23	163	434286	40.351	nq	99
51) 2,6-Dinitrotoluene	14.37	165	99439	49.239	nq	93
52) Acenaphthene	14.86	154	327177	40.047	nq	97
53) 3-Nitroaniline	14.70	138	70032	34.165	nq	# 91
54) 2,4-Dinitrophenol	14.90	184	53741	66.080	nq	99
55) Dibenzofuran	15.18	168	531403	40.569	nq	98
56) 4-Nitrophenol	15.00	139	159118	81.639	nq	88
57) 2,4-Dinitrotoluene	15.15	165	141372	53.748	nq	# 83
58) Fluorene	15.83	166	420030	43.015	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	129697	50.697	nq	97
60) Diethylphthalate	15.58	149	439420	39.488	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	221735	40.104	nq	96
62) 4-Nitroaniline	15.87	138	106580	47.292	nq	90
63) Azobenzene	16.11	77	403013	37.054	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	58765	46.780	nq	96
66) n-Nitrosodiphenylamine	16.04	169	382386	39.026	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	146016	40.845	nq	96
68) Hexachlorobenzene	16.82	284	148016	41.268	nq	99
69) Atrazine	16.97	200	155297	43.371	nq	95
70) Pentachlorophenol	17.18	266	174527	70.012	nq	97
71) Phenanthrene	17.57	178	713117	42.757	nq	100
72) Anthracene	17.67	178	721699	43.931	nq	99
73) Carbazole	17.94	167	643139	39.228	nq	99
74) Di-n-butylphthalate	18.47	149	788379	41.218	nq	99
75) Fluoranthene	19.58	202	875050	45.203	nq	99
77) Benzidine	19.75	184	351278	32.455	nq	99
78) Pyrene	19.94	202	878774	42.759	nq	99
80) Butylbenzylphthalate	20.81	149	369882	42.665	nq	92
81) Benzo(a)anthracene	21.80	228	825481	42.316	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	204129	28.221	nq	98
83) Chrysene	21.87	228	796588	42.897	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	514533	41.601	nq	100
85) Di-n-octyl phthalate	22.93	149	881357	43.133	nq	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	935077	46.933	nq	97
88) Benzo(b)fluoranthene	24.11	252	824195	44.995	nq	97
89) Benzo(k)fluoranthene	24.19	252	807296	43.897	nq	99
90) Benzo(a)pyrene	25.04	252	811013	45.973	nq	98
91) Dibenzo(a,h)anthracene	29.15	278	749656	45.376	nq	99
92) Benzo(g,h,i)perylene	30.31	276	755189	45.861	nq	98

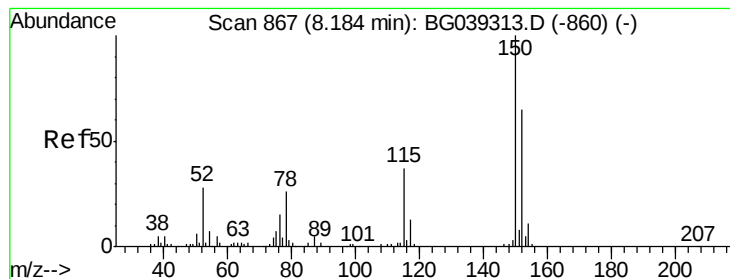
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

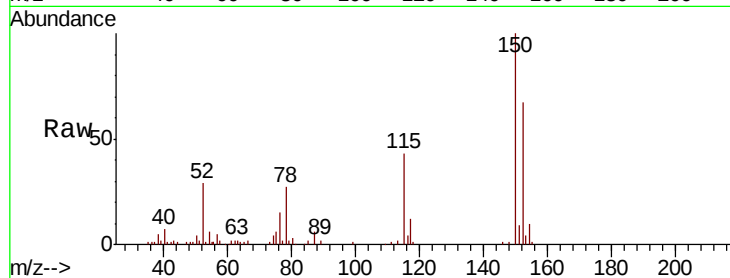
Tot Ion:152 Resp: 47778

Ion Ratio Lower Upper

152 100

150 149.5 123.7 185.5

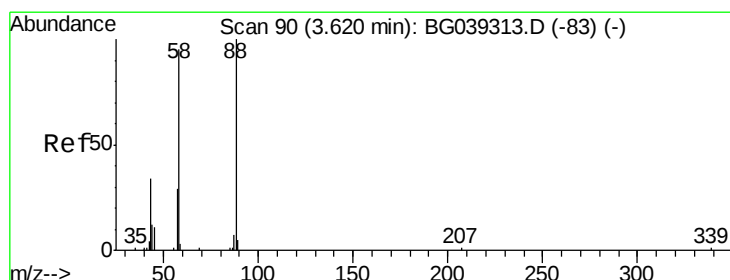
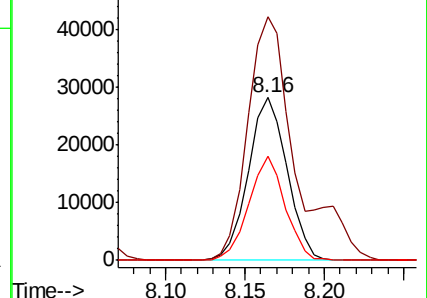
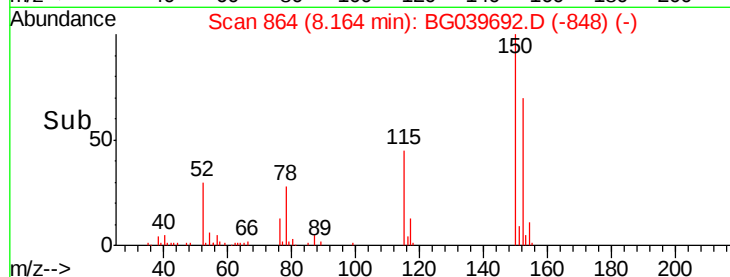
115 63.8 45.9 68.9



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: 40.502 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

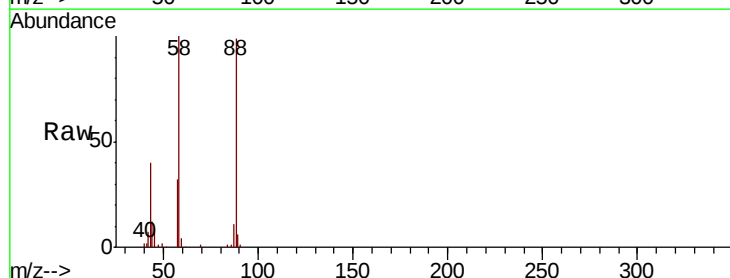
Tgt Ion: 88 Resp: 49457

Ion Ratio Lower Upper

88 100

58 97.3 81.1 121.7

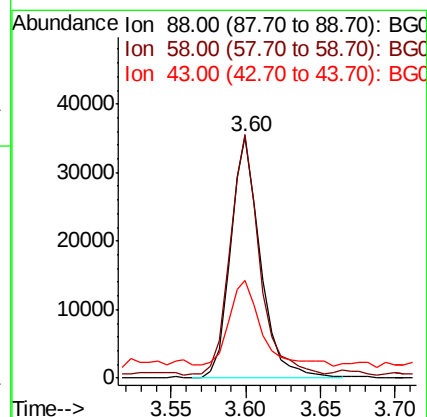
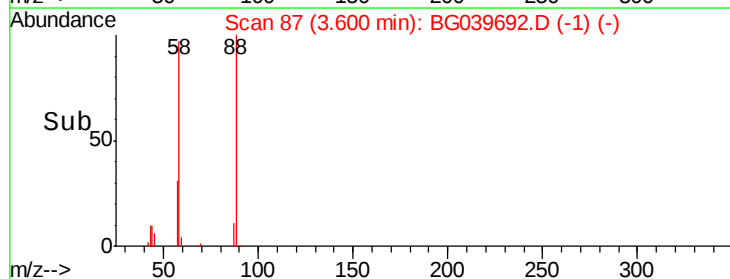
43 38.0 31.4 47.0

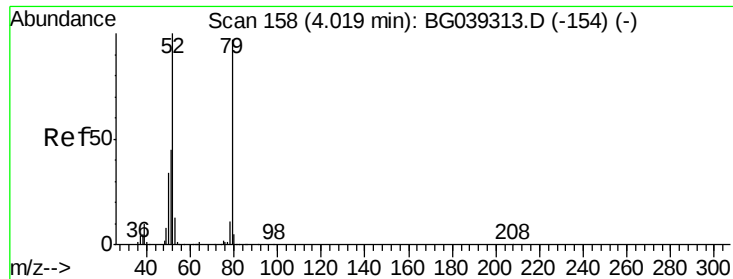


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.799 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

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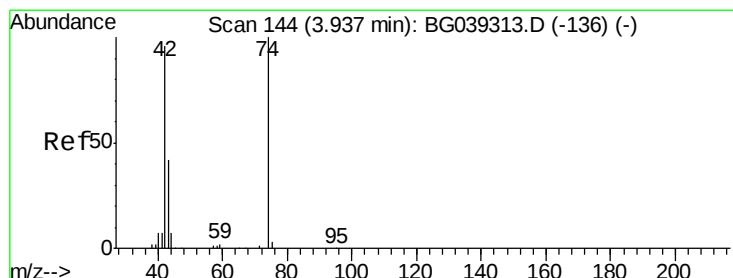
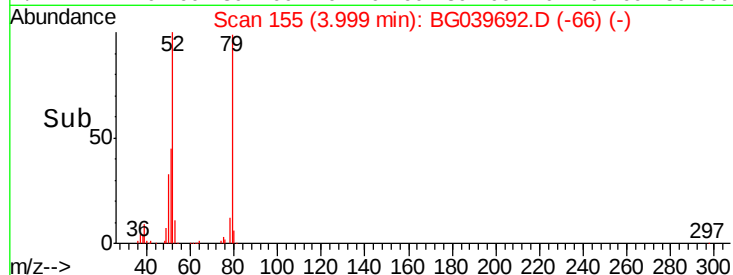
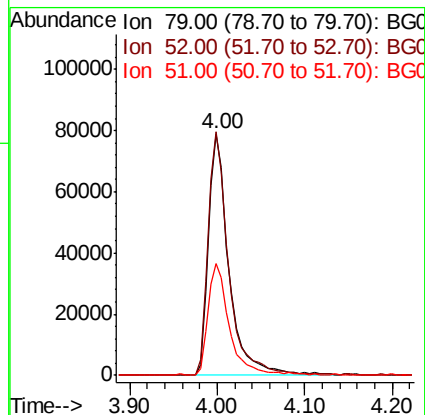
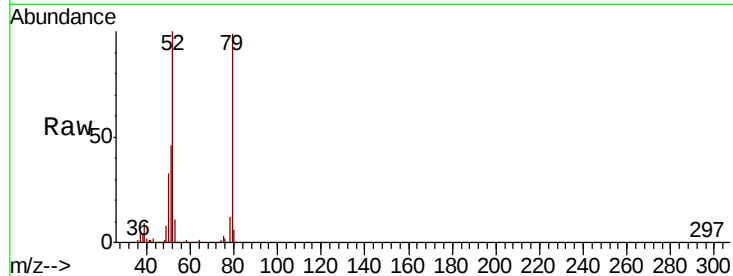
Tot Ion: 79 Resp: 128672

Ion Ratio Lower Upper

79 100

52 101.0 82.6 124.0

51 46.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.311 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

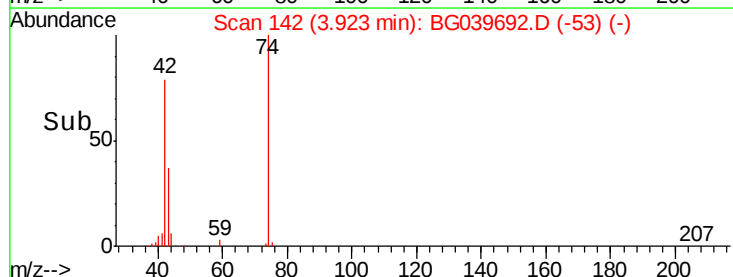
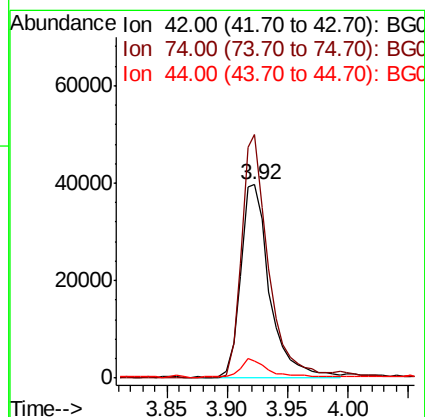
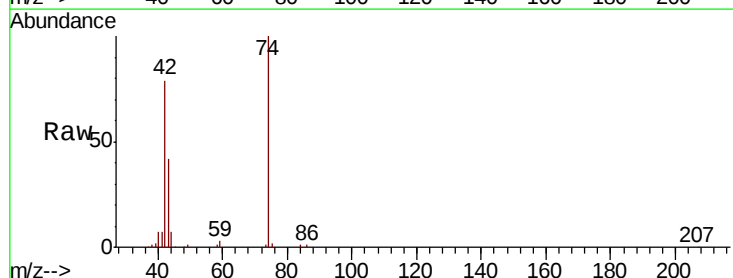
Tgt Ion: 42 Resp: 66794

Ion Ratio Lower Upper

42 100

74 126.1 83.6 125.4#

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 141.544 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

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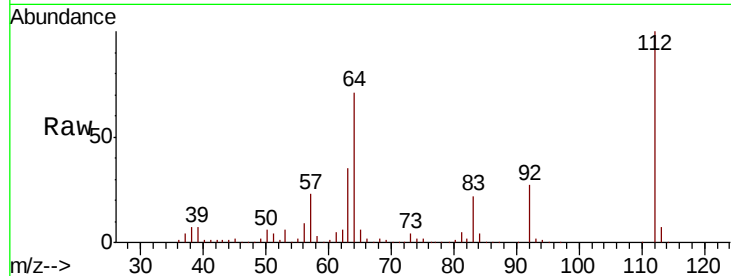
Tot Ion:112 Resp: 395130

Ion Ratio Lower Upper

112 100

64 71.3 57.8 86.8

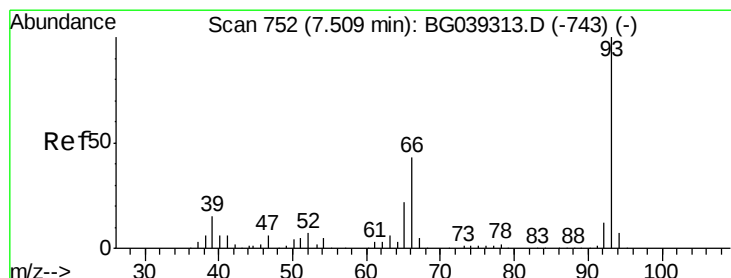
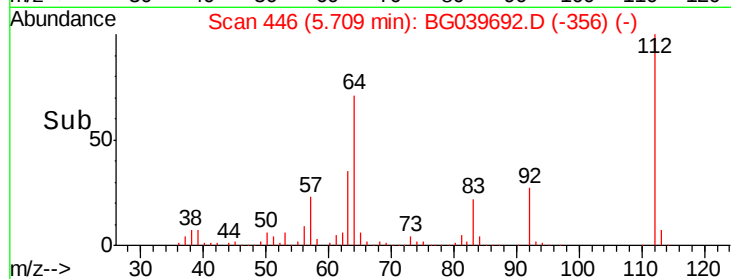
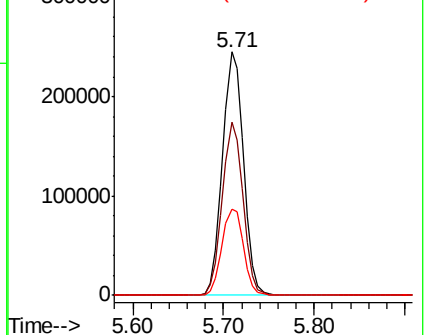
63 35.2 29.8 44.6



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: 27.804 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

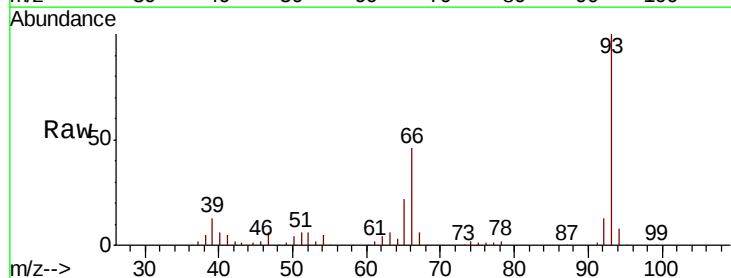
Tgt Ion: 93 Resp: 143105

Ion Ratio Lower Upper

93 100

66 46.0 34.2 51.4

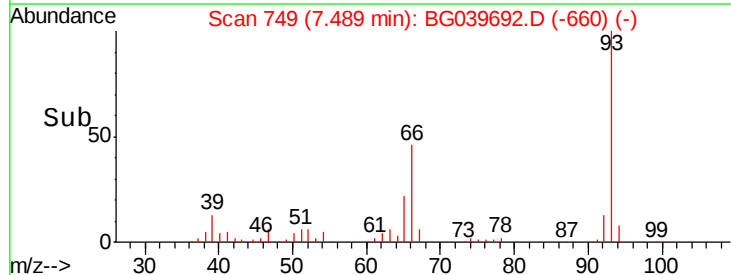
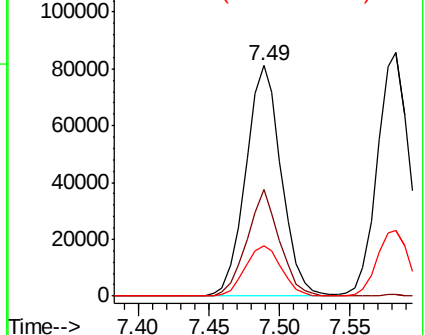
65 22.0 17.7 26.5



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: 132.913 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

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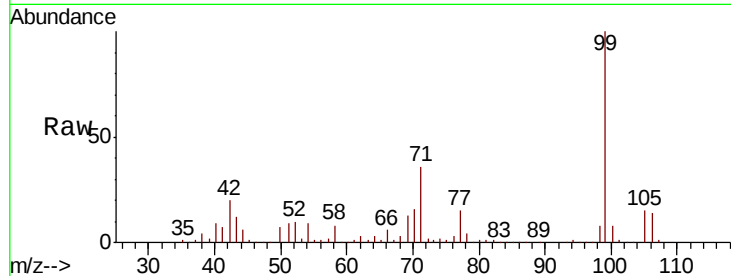
Tot Ion: 99 Resp: 546153

Ion Ratio Lower Upper

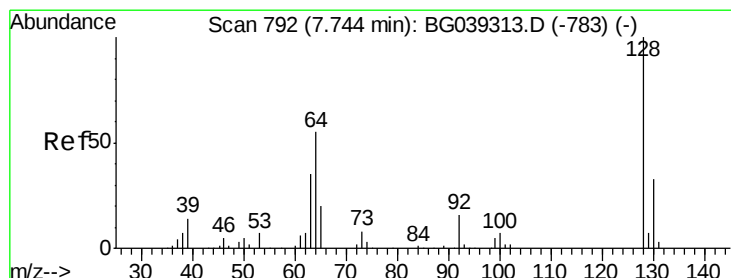
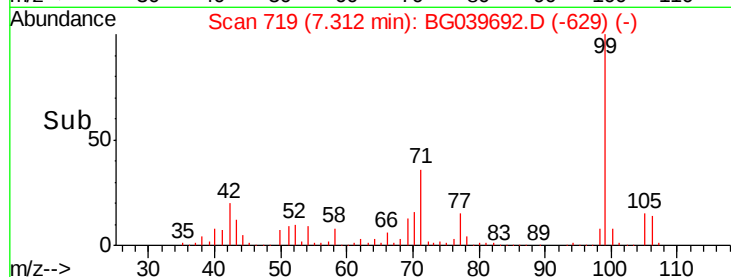
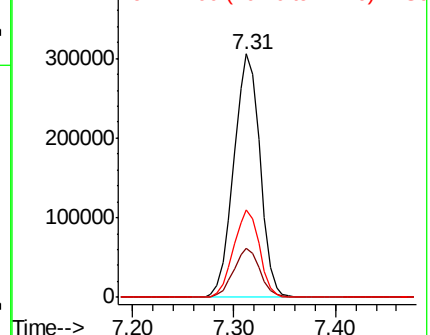
99 100

42 20.2 18.2 27.2

71 36.1 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: 46.903 ng

RT: 7.72 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

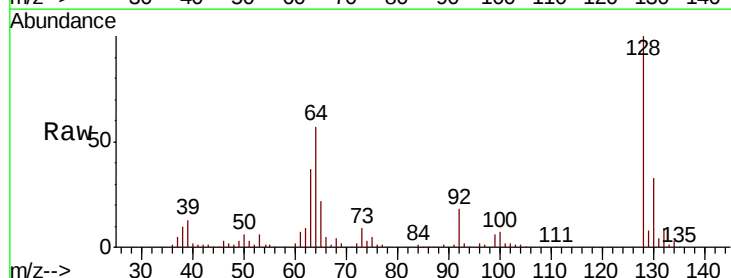
Tgt Ion: 128 Resp: 143123

Ion Ratio Lower Upper

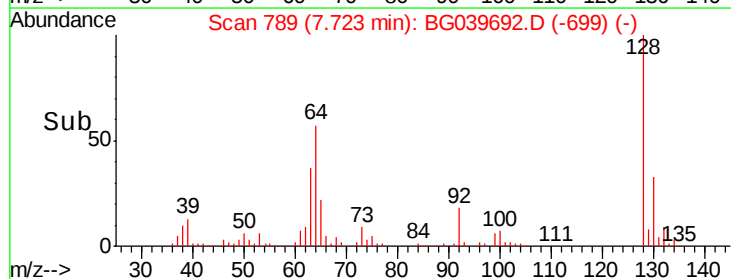
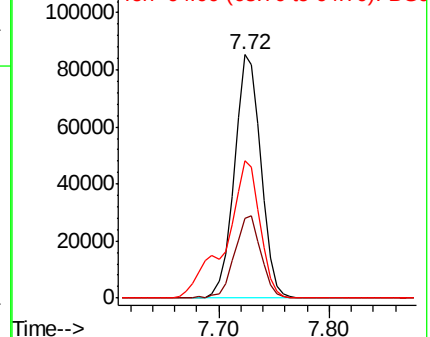
128 100

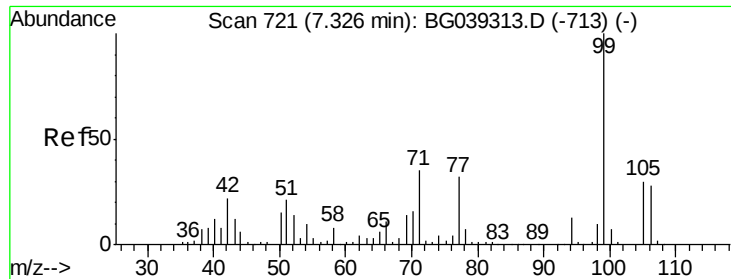
130 32.5 12.9 52.9

64 56.6 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: 58.009 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

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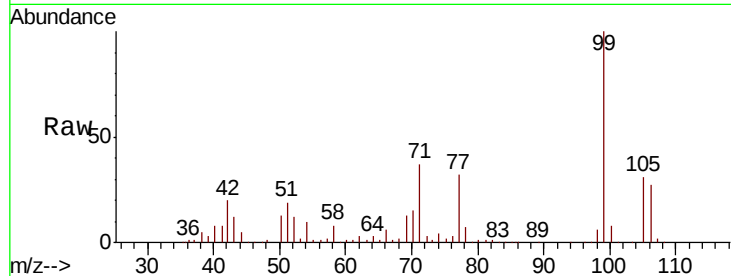
Tot Ion: 77 Resp: 104745

Ion Ratio Lower Upper

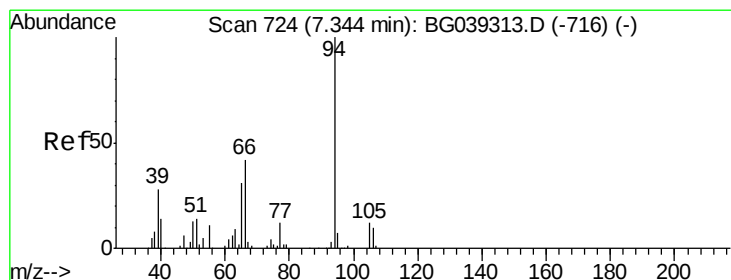
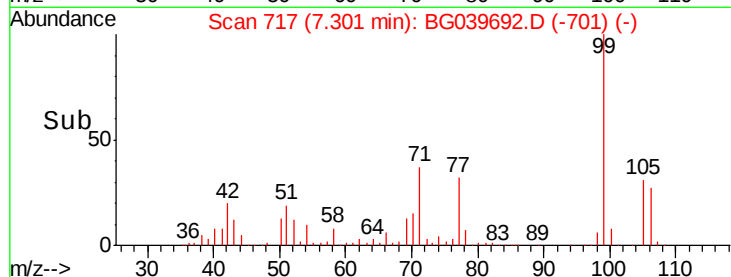
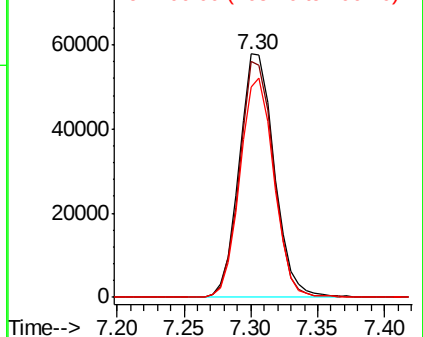
77 100

105 96.9 74.5 114.5

106 86.6 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: 45.238 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

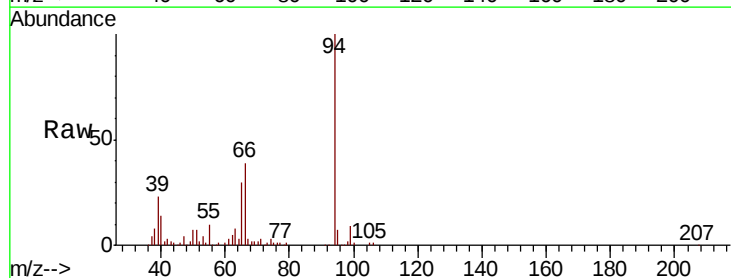
Tgt Ion: 94 Resp: 193772

Ion Ratio Lower Upper

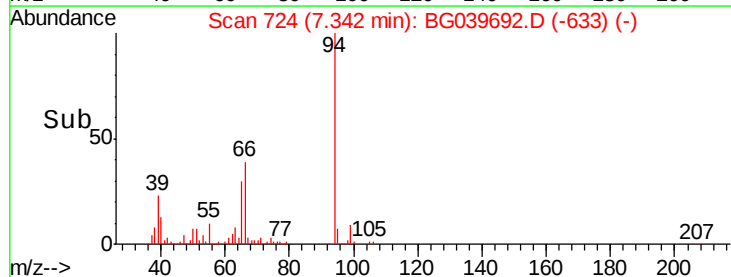
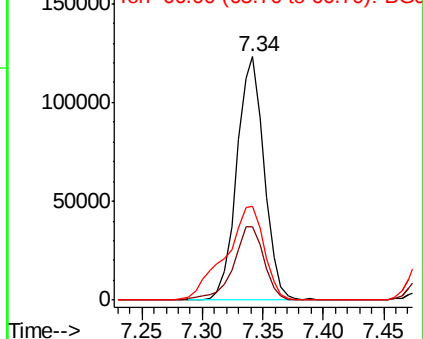
94 100

65 30.1 11.7 51.7

66 38.8 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: 40.555 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

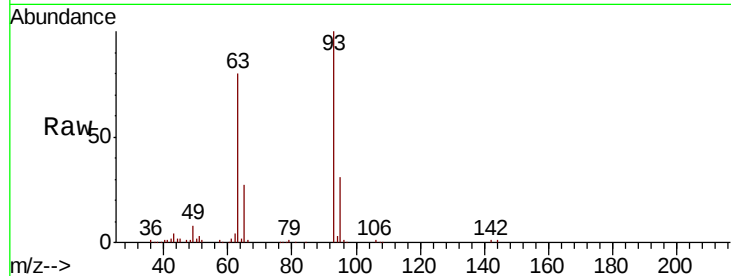
Tot Ion: 93 Resp: 137267

Ion Ratio Lower Upper

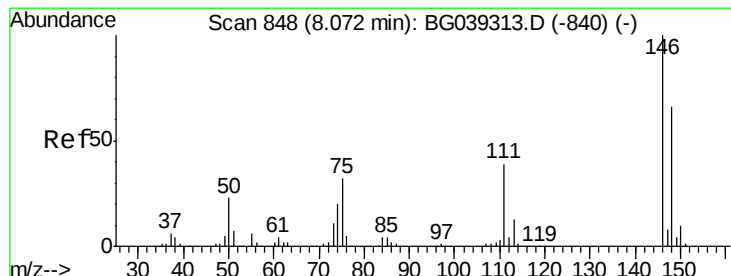
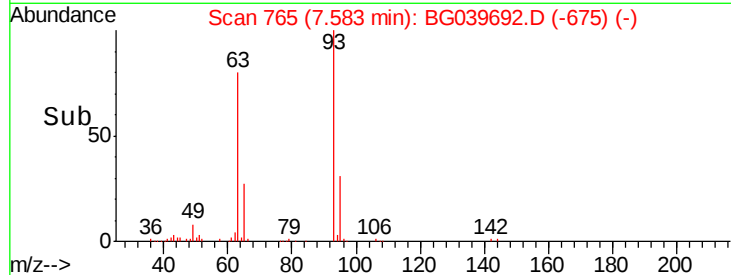
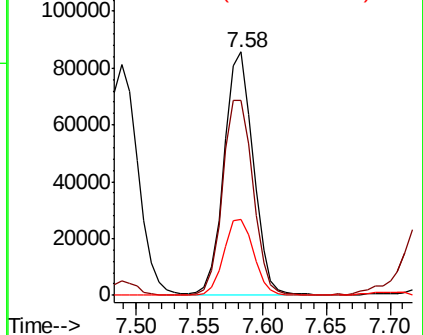
93 100

63 80.2 69.5 109.5

95 31.2 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 40.856 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

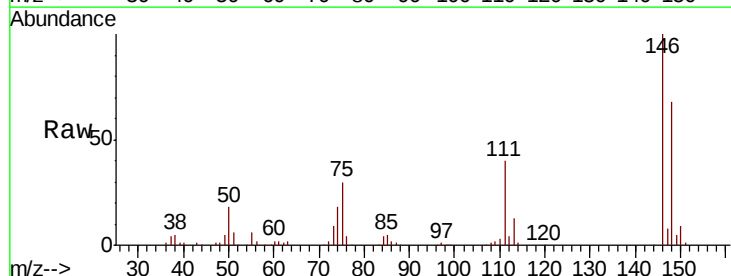
Tgt Ion: 146 Resp: 151029

Ion Ratio Lower Upper

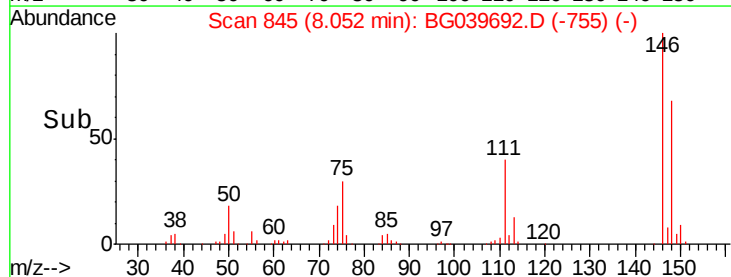
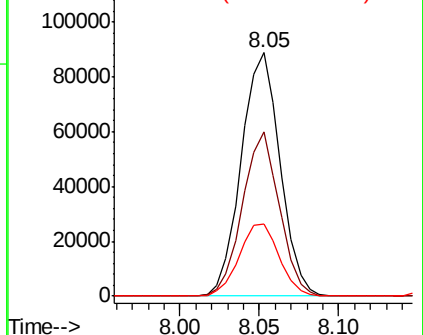
146 100

148 67.6 52.6 79.0

75 29.7 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 41.424 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

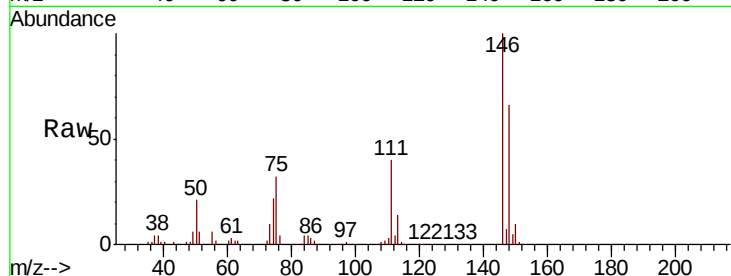
Tot Ion:146 Resp: 152626

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

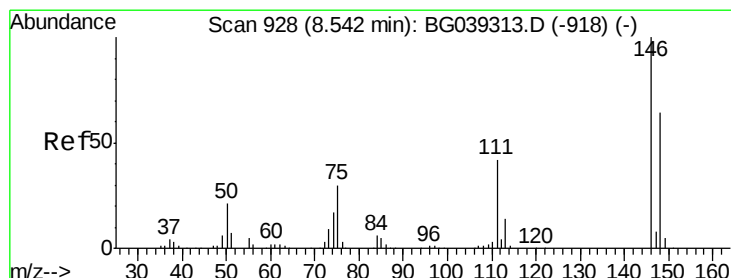
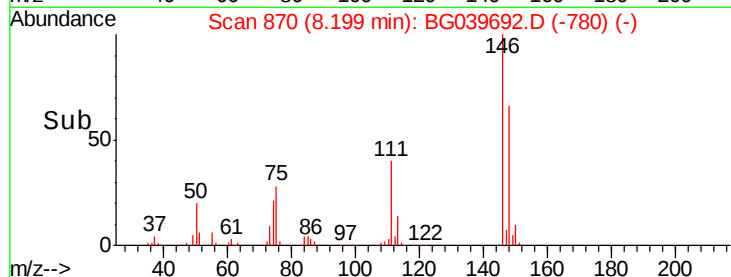
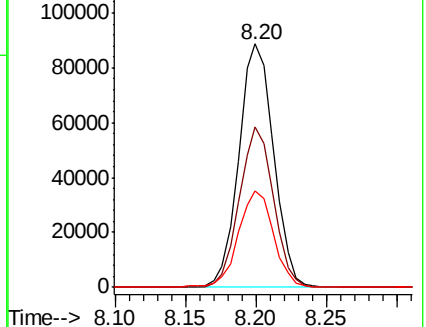
111 39.7 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.288 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

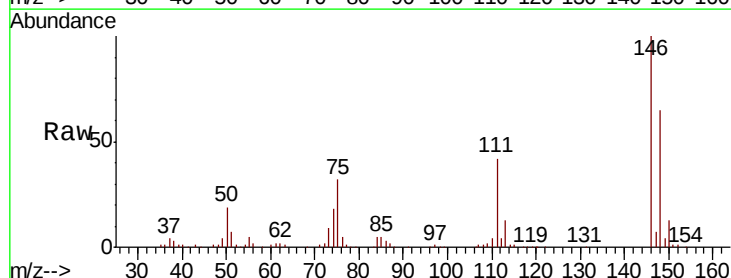
Tgt Ion:146 Resp: 147267

Ion Ratio Lower Upper

146 100

148 65.3 51.5 77.3

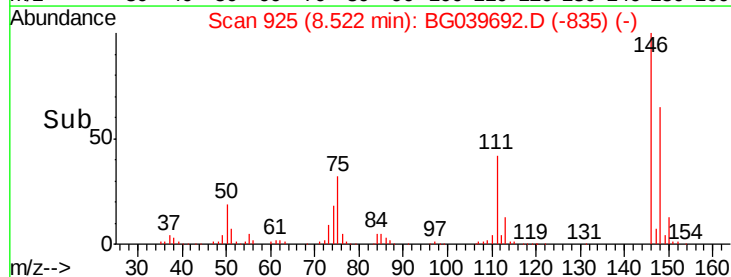
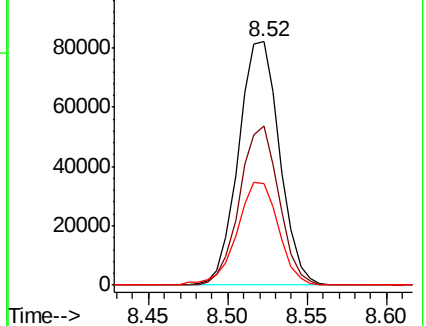
111 41.7 33.8 50.6

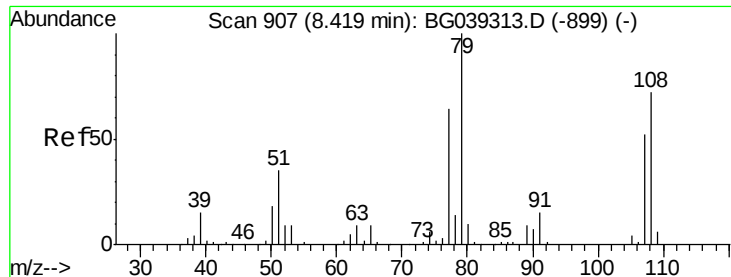


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.996 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

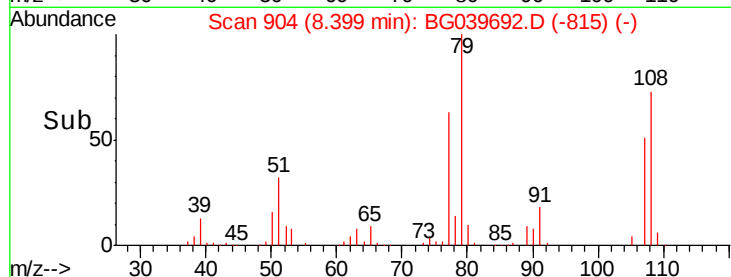
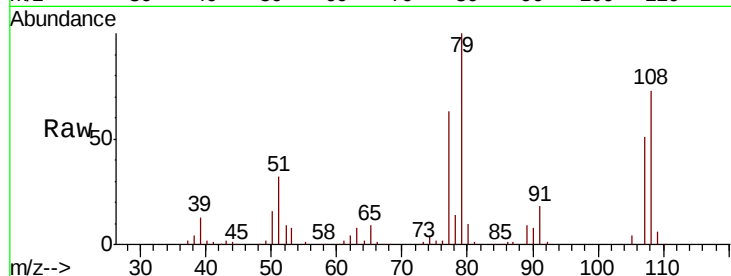
Tot Ion: 79 Resp: 135480

Ion Ratio Lower Upper

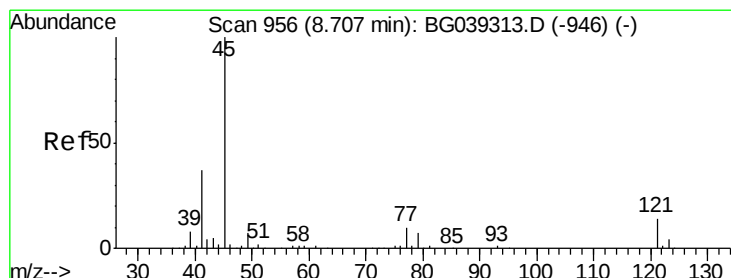
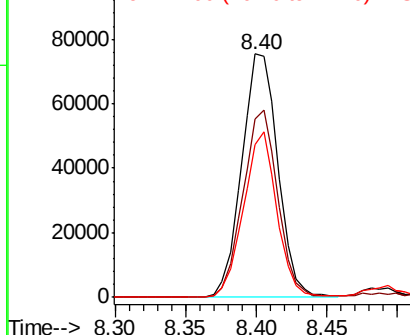
79 100

108 73.1 57.8 86.6

77 62.9 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: 34.111 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

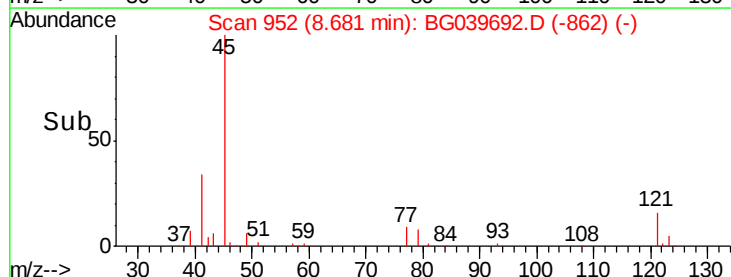
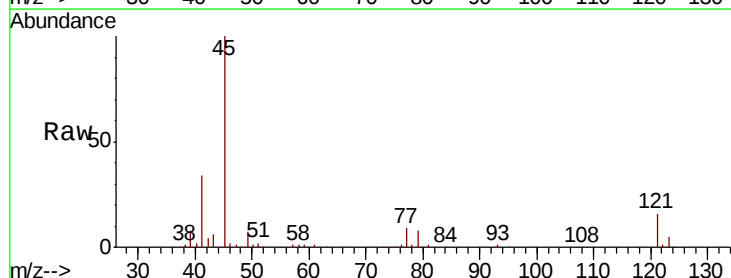
Tgt Ion: 45 Resp: 260727

Ion Ratio Lower Upper

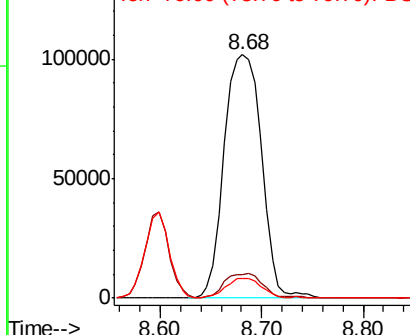
45 100

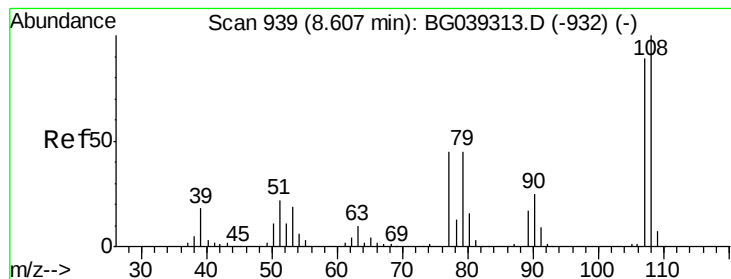
77 9.4 0.0 30.0

79 8.2 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

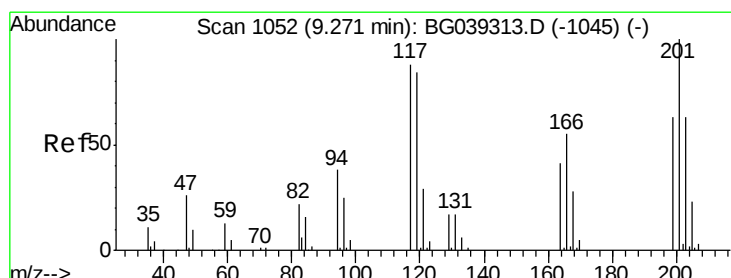
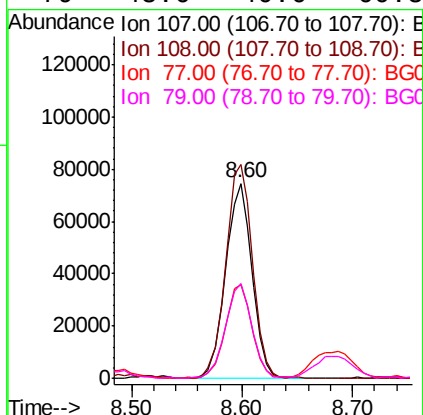
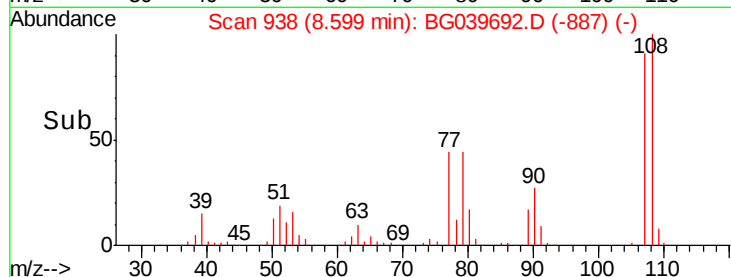
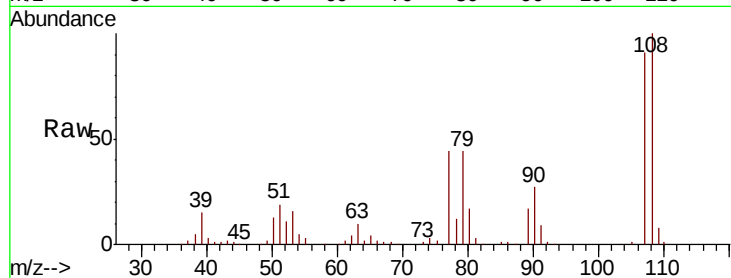




#17
2-Methylphenol
Concen: 44.971 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

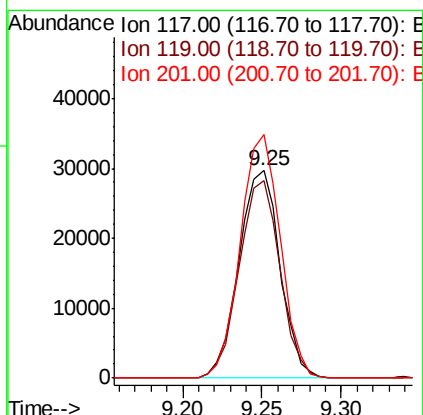
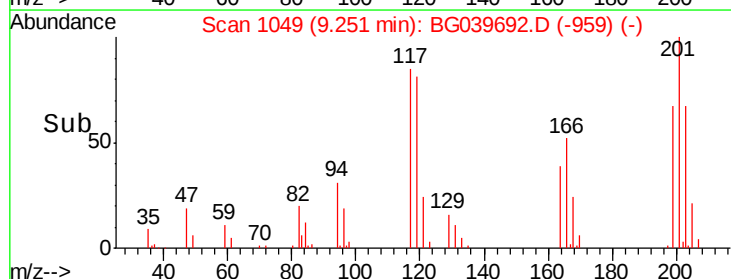
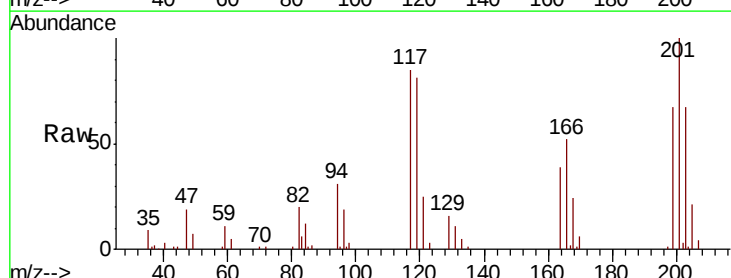
Instrument :
BNA_G
ClientSampleId :
PB117428BS

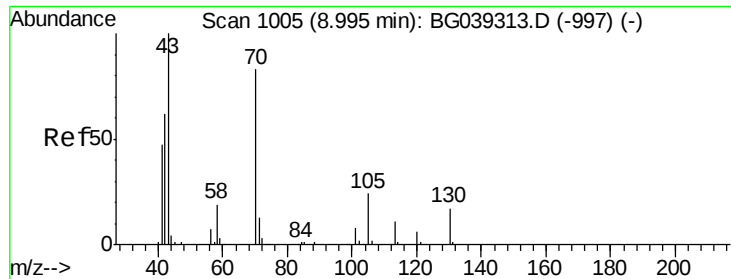
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	90.8	136.2
77	48.1	40.7	61.1
79	48.6	40.6	60.8



#18
Hexachloroethane
Concen: 42.193 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
201	117.4	91.1	136.7

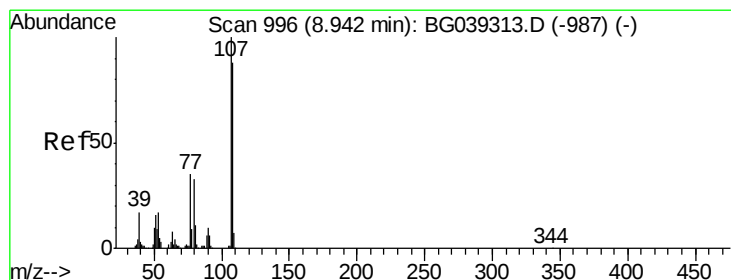
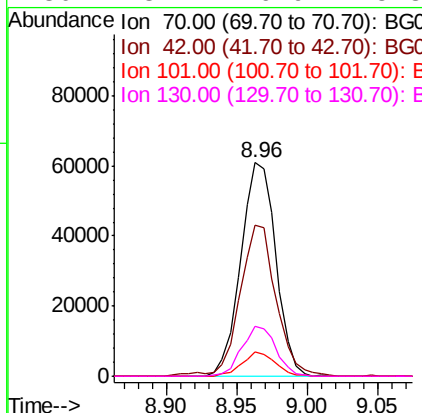
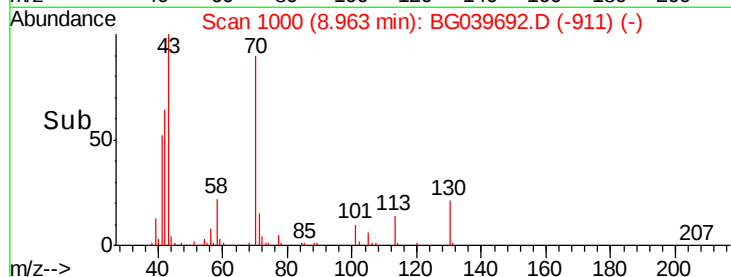
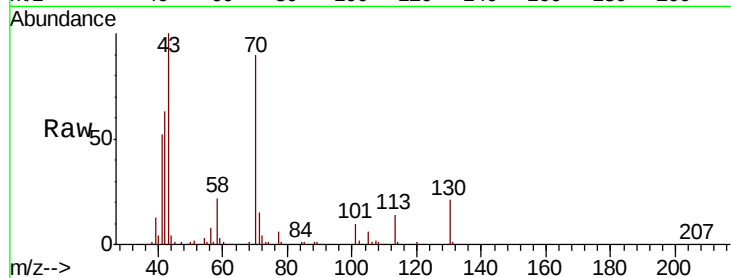




#19
n-Nitroso-di-n-propylamine
Concen: 36.338 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

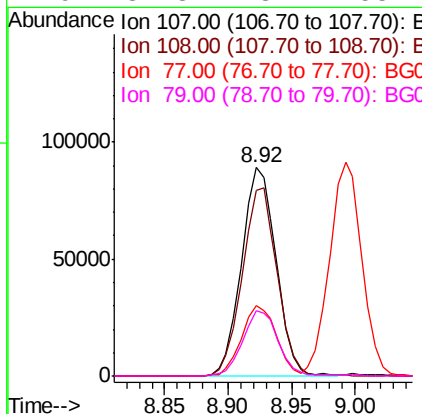
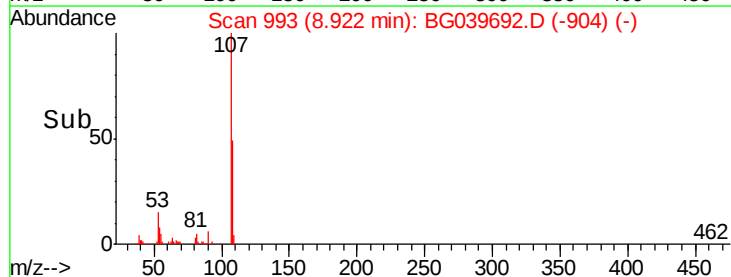
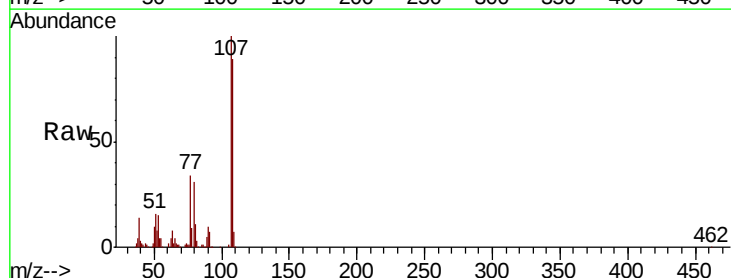
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion: 70 Resp: 105979
Ion Ratio Lower Upper
70 100
42 70.7 60.4 90.6
101 11.3 7.5 11.3#
130 23.1 16.9 25.3



#20
3+4-Methylphenols
Concen: 44.228 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion: 107 Resp: 168822
Ion Ratio Lower Upper
107 100
108 89.3 67.9 107.9
77 33.7 15.4 55.4
79 31.3 13.7 53.7

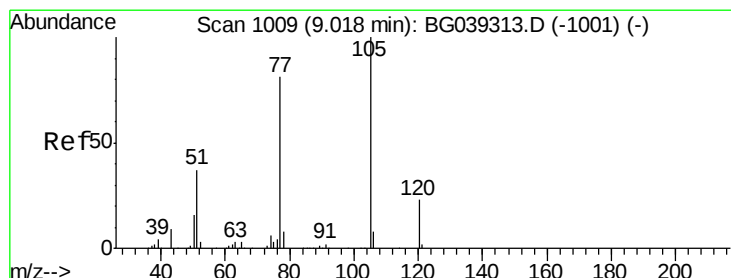
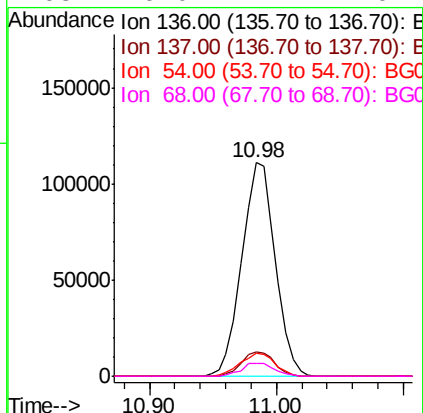
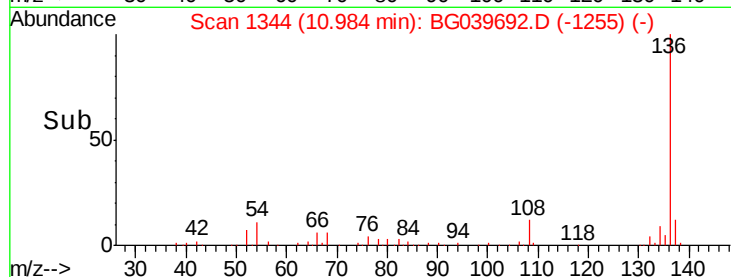
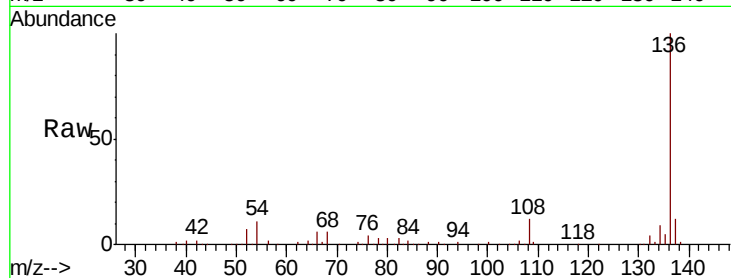




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

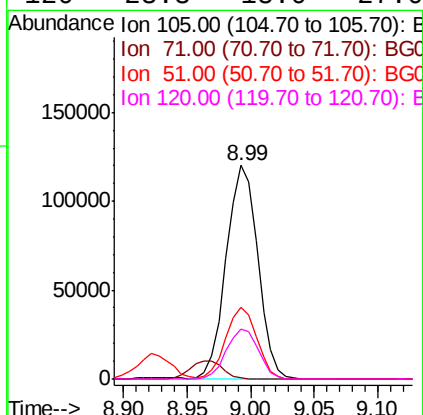
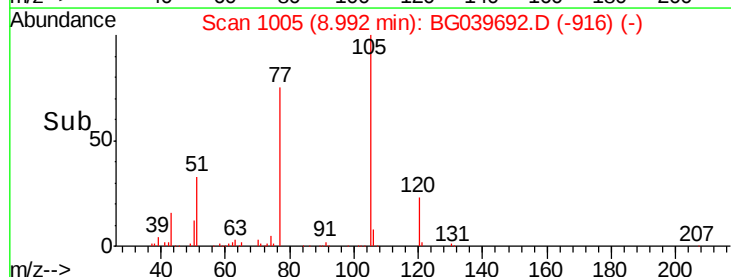
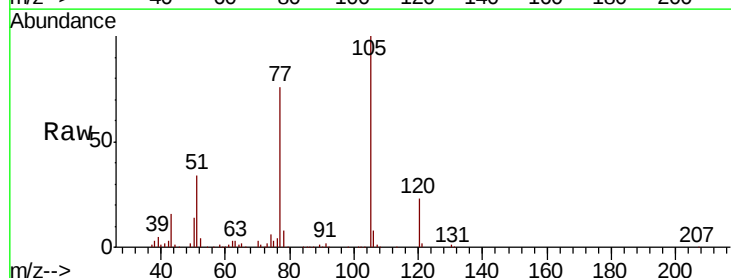
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:136	Resp:	202825
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.7	9.4 14.2
68	6.0	4.2 6.4



#22
Acetophenone
Concen: 38.117 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:105	Resp:	207671
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.8 1.2#
51	33.7	30.2 45.2
120	23.3	18.0 27.0

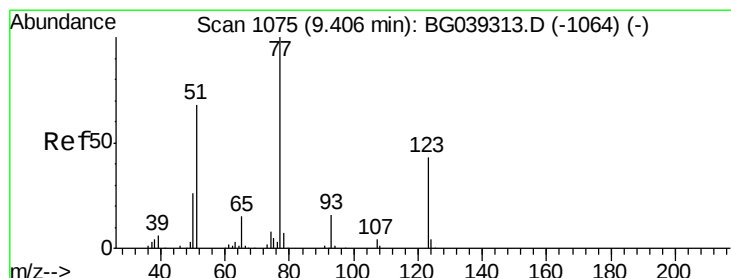
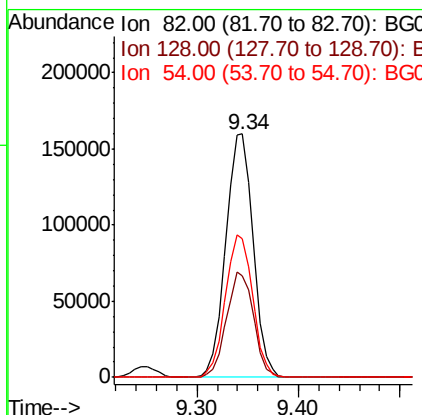
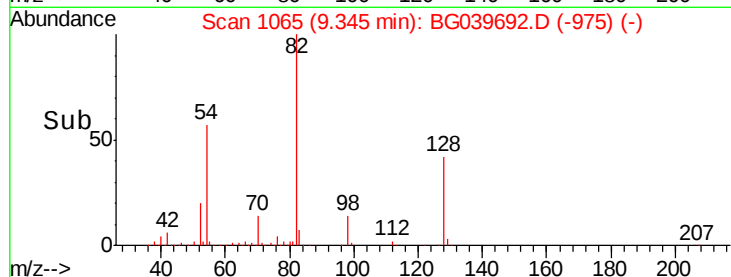
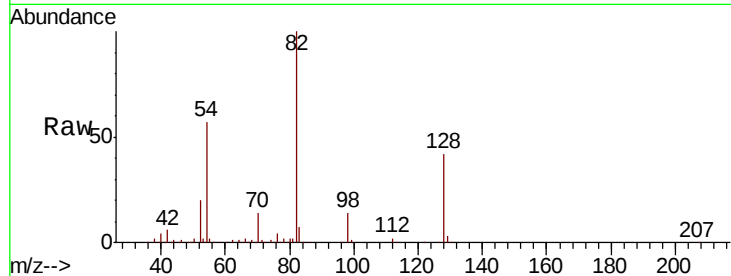




#23
Nitrobenzene-d5
Concen: 92.071 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

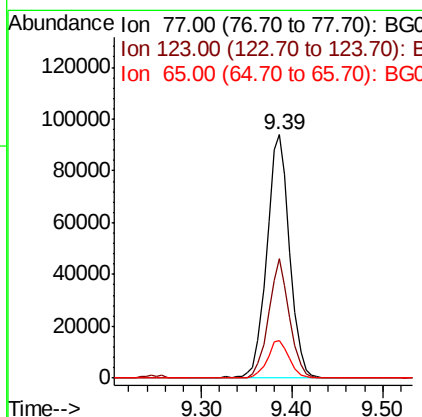
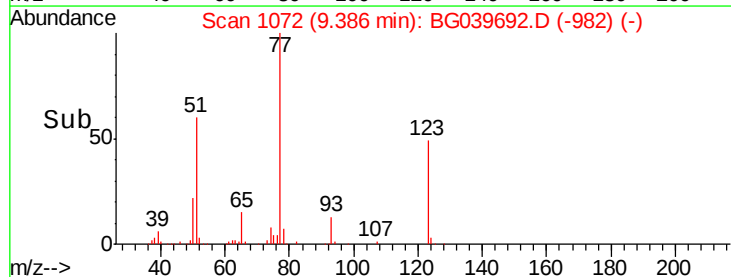
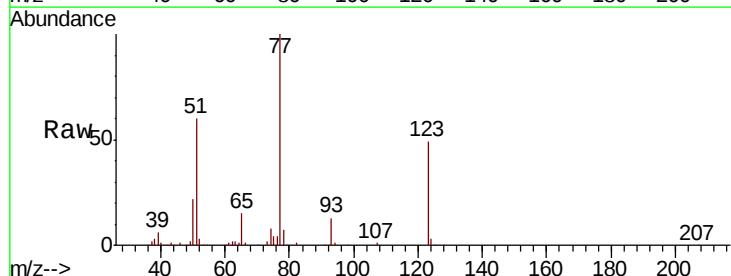
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	56.8	50.9	76.3



#24
Nitrobenzene
Concen: 47.189 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	34.1	51.1
65	15.2	12.3	18.5





#25

Isophorone

Concen: 41.962 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

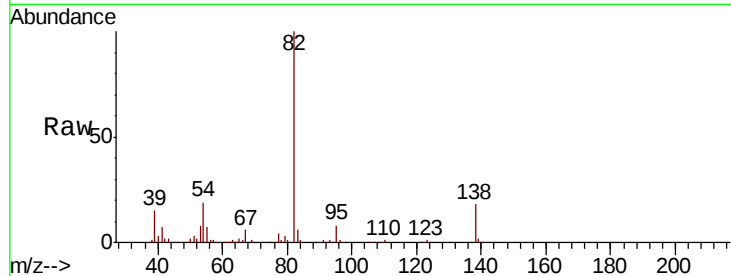
Tot Ion: 82 Resp: 301900

Ion Ratio Lower Upper

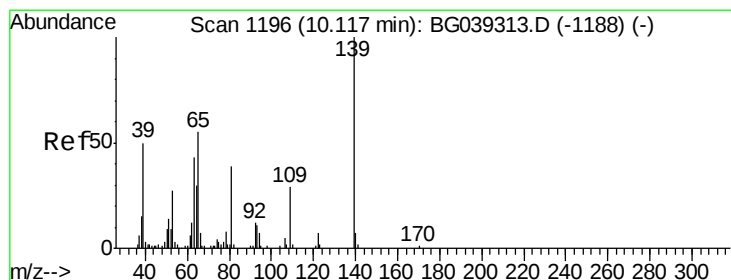
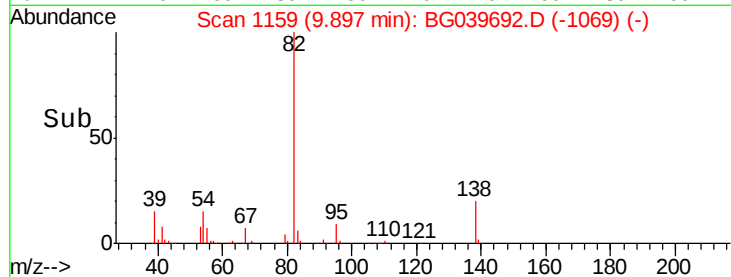
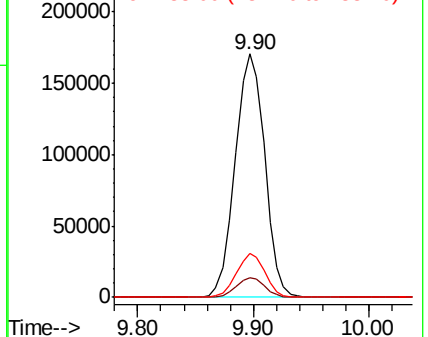
82 100

95 8.0 6.2 9.2

138 18.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 56.703 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

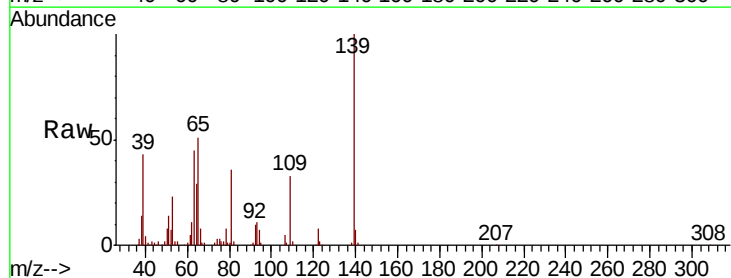
Tgt Ion: 139 Resp: 82521

Ion Ratio Lower Upper

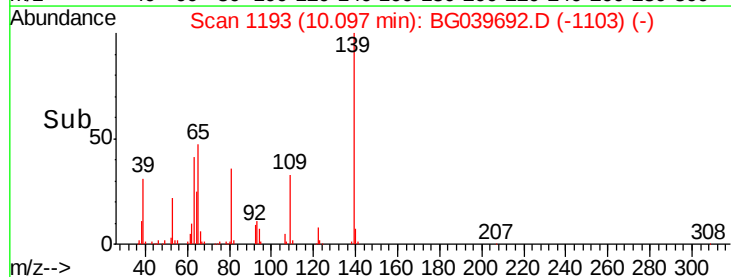
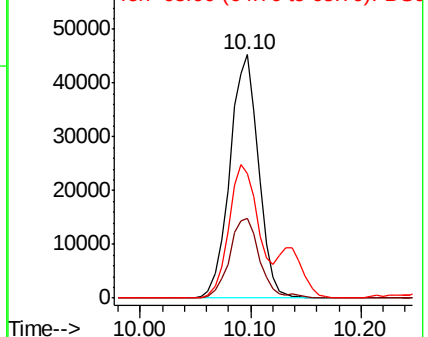
139 100

109 32.9 23.4 35.0

65 51.4 44.3 66.5



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

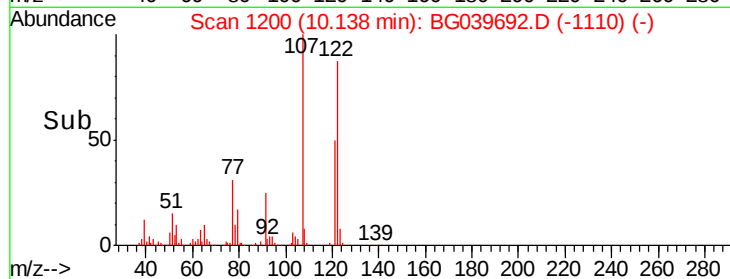
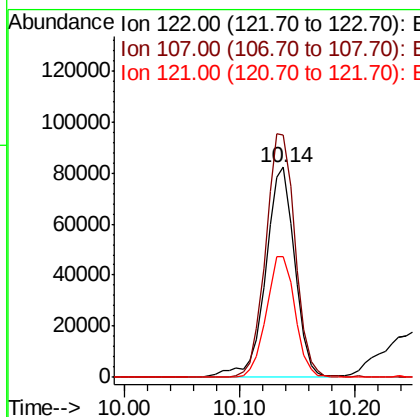
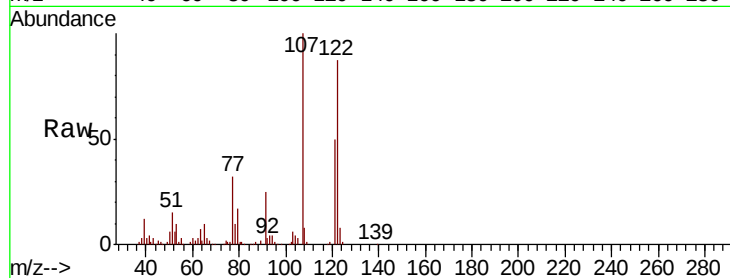




#27
2,4-Dimethylphenol
Concen: 49.782 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

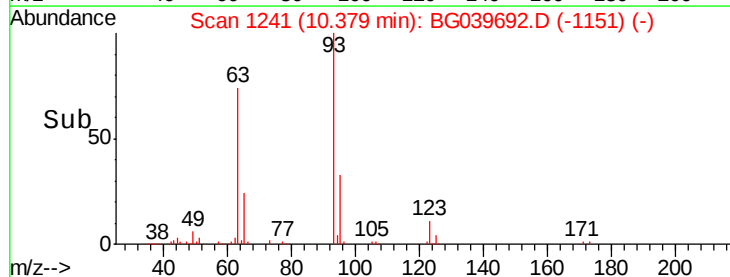
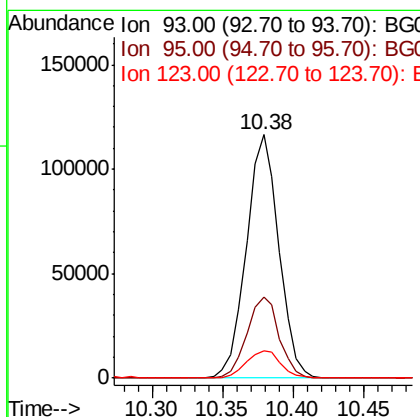
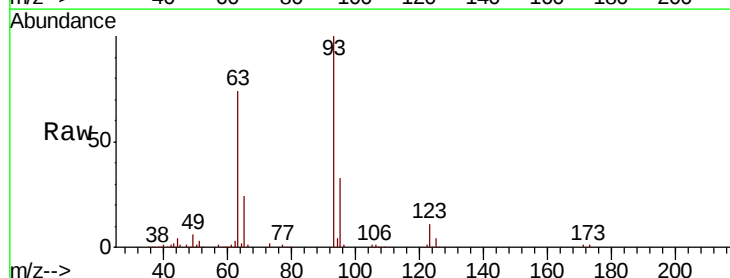
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:122 Resp: 144886
Ion Ratio Lower Upper
122 100
107 115.2 91.7 137.5
121 57.2 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.449 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion: 93 Resp: 188110
Ion Ratio Lower Upper
93 100
95 33.2 25.0 37.4
123 11.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.065 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

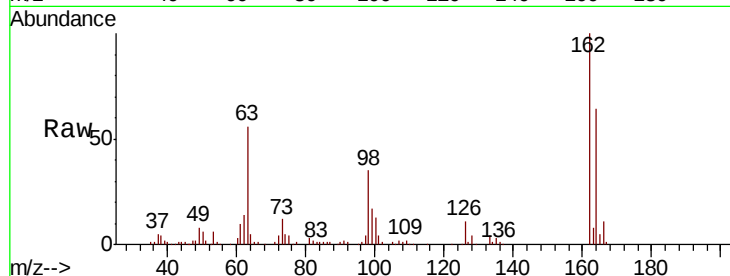
Tot Ion:162 Resp: 152888

Ion Ratio Lower Upper

162 100

164 64.1 48.1 88.1

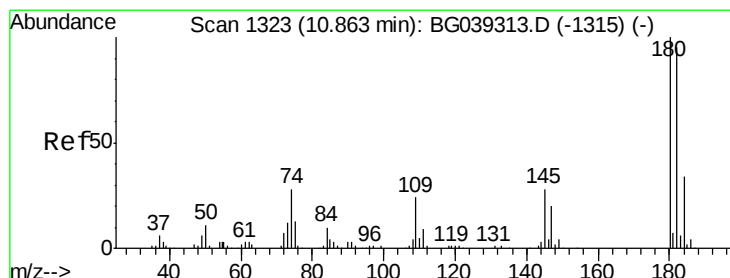
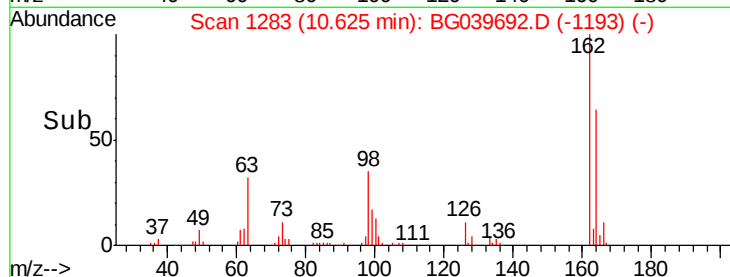
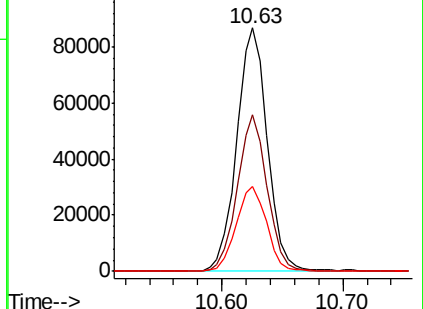
98 35.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.096 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

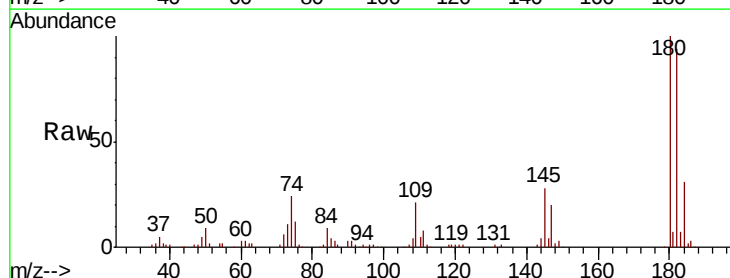
Tgt Ion:180 Resp: 153901

Ion Ratio Lower Upper

180 100

182 93.7 76.0 114.0

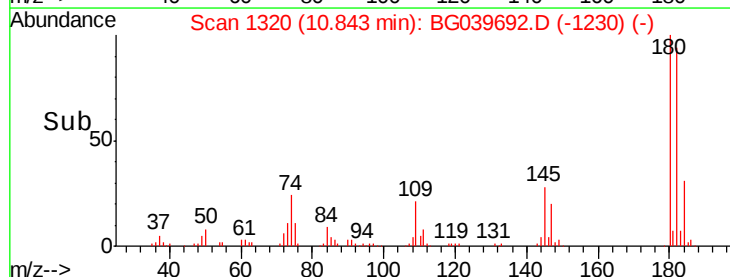
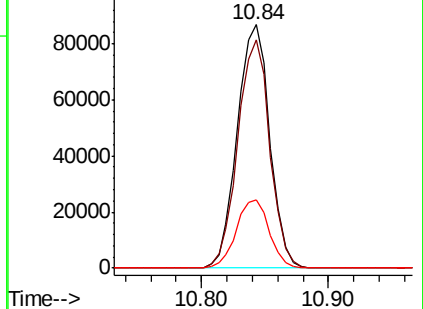
145 27.9 22.7 34.1

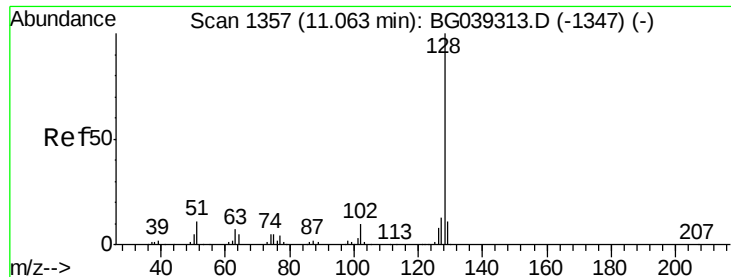


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

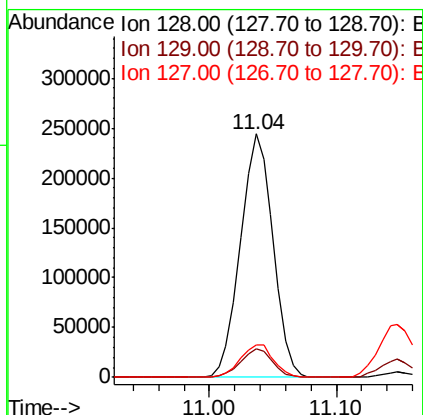
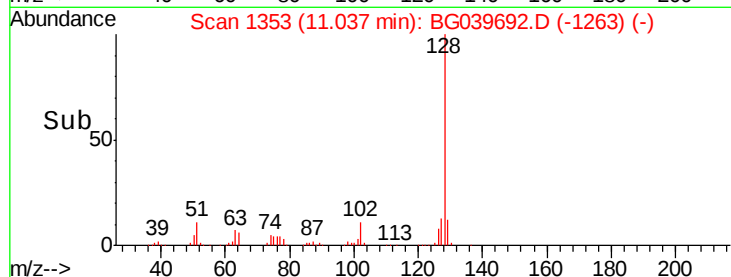
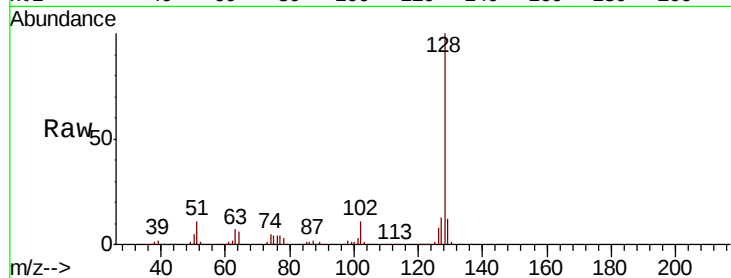




#31
Naphthalene
Concen: 43.269 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

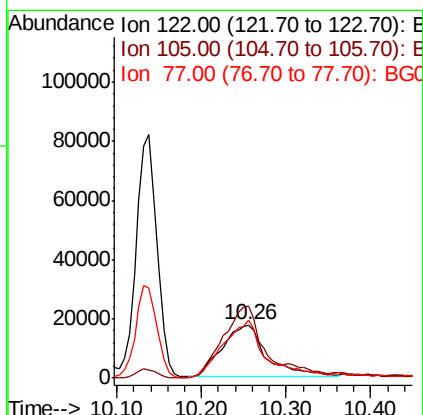
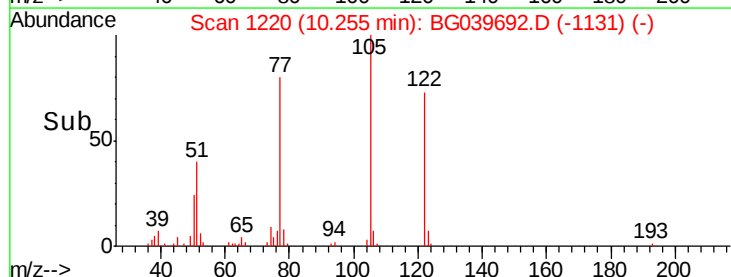
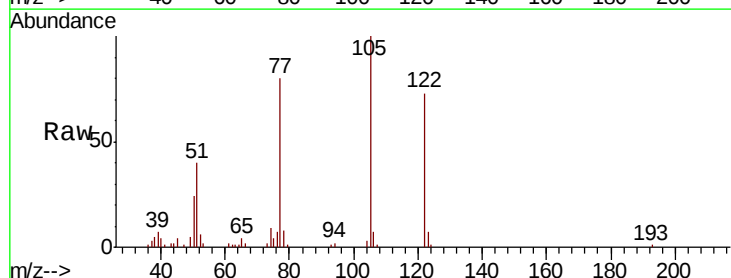
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:128 Resp: 435378
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 36.479 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:122 Resp: 64440
Ion Ratio Lower Upper
122 100
105 137.0 101.8 141.8
77 109.1 76.3 116.3

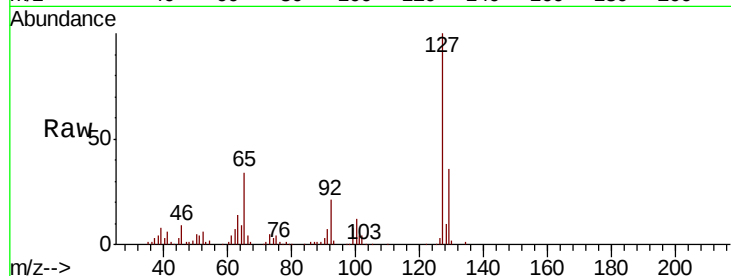




#33
4-Chloroaniline
Concen: 22.335 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:	127	Resp:	104201
Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.0	40.4
65	33.9	28.8	43.2
92	20.6	16.6	25.0



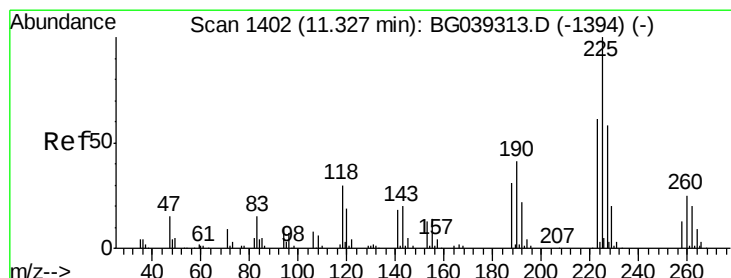
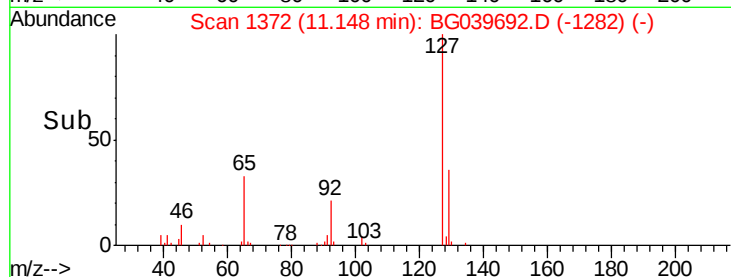
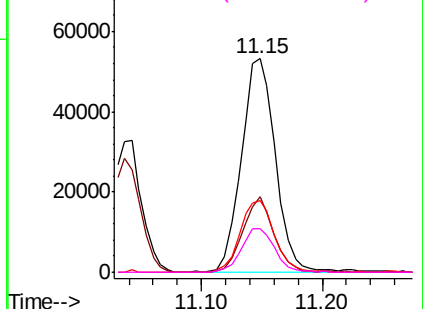
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

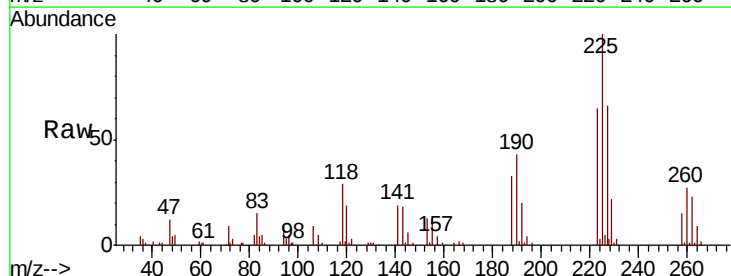
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.631 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:	225	Resp:	98871
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.0	73.6
227	65.7	46.3	69.5

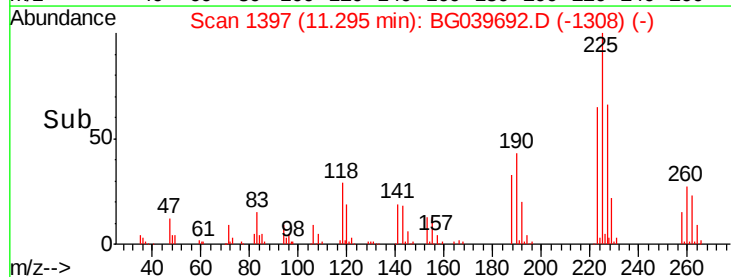
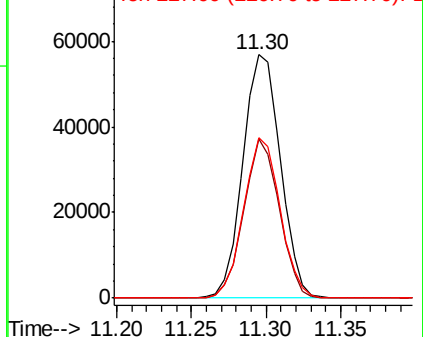


Abundance

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: 38.300 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

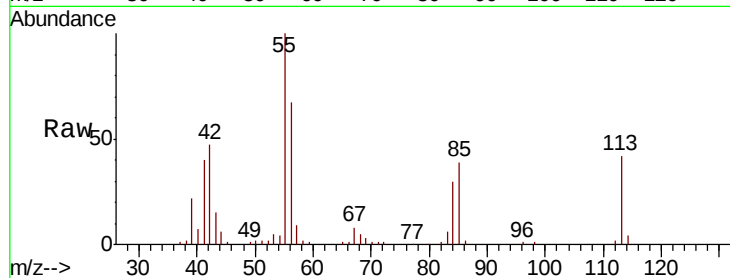
Tot Ion:113 Resp: 50413

Ion Ratio Lower Upper

113 100

55 237.3 216.9 256.9

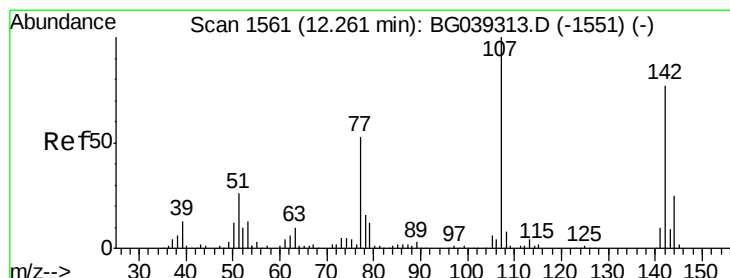
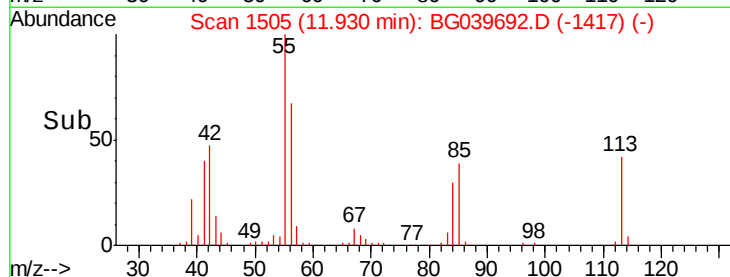
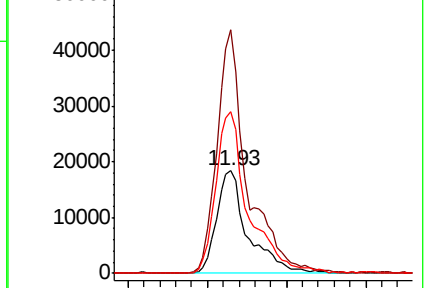
56 157.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.994 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

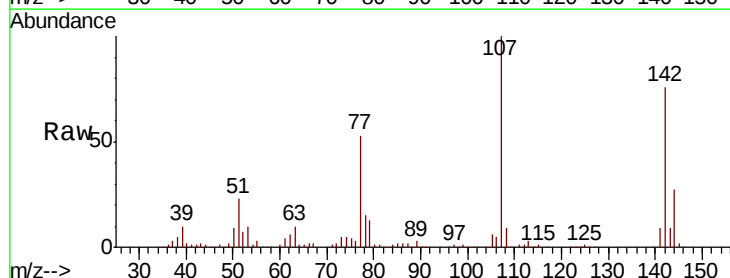
Tgt Ion:107 Resp: 158159

Ion Ratio Lower Upper

107 100

144 27.3 20.2 30.2

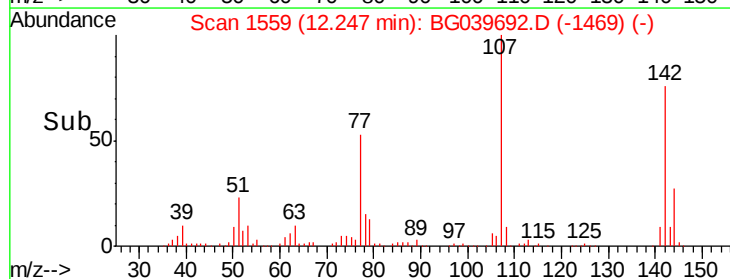
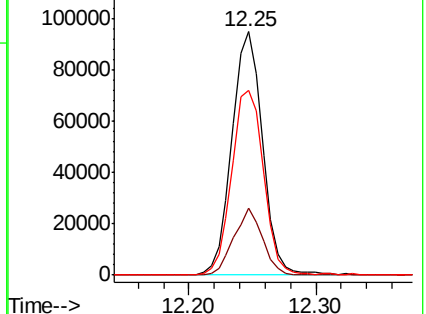
142 76.1 61.4 92.2

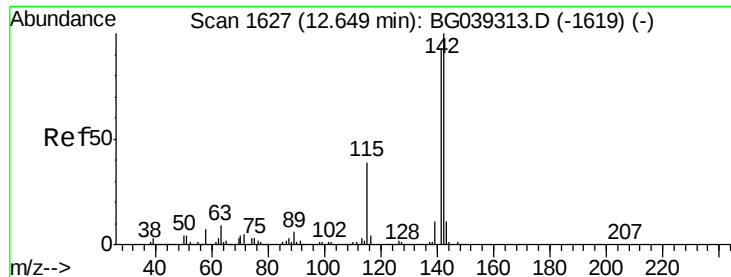


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

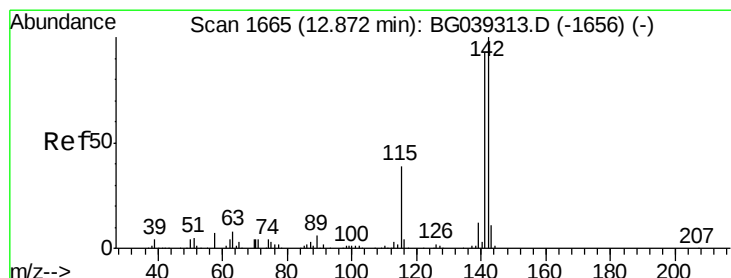
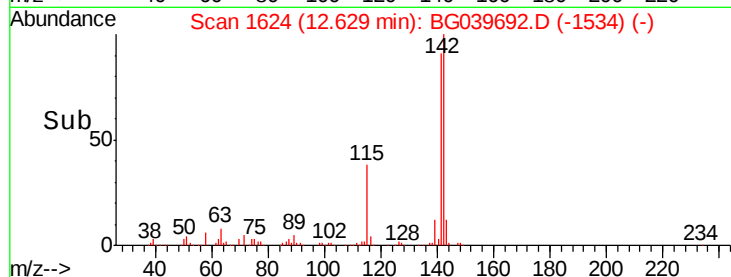
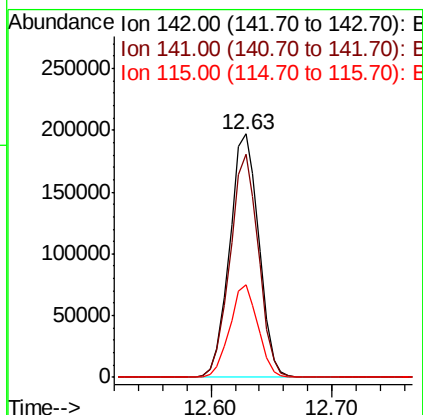
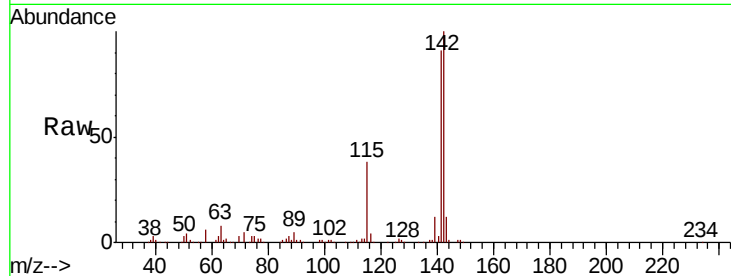




#37
2-Methylnaphthalene
Concen: 44.367 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

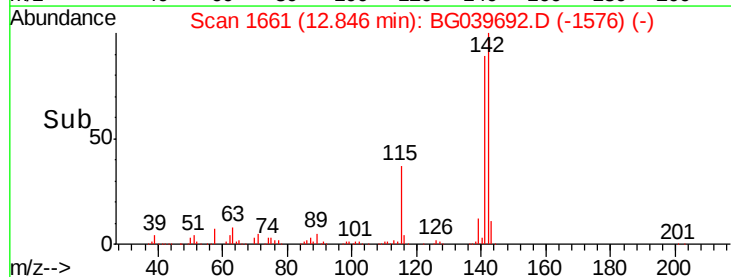
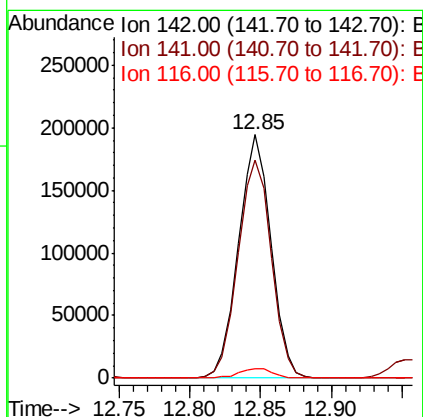
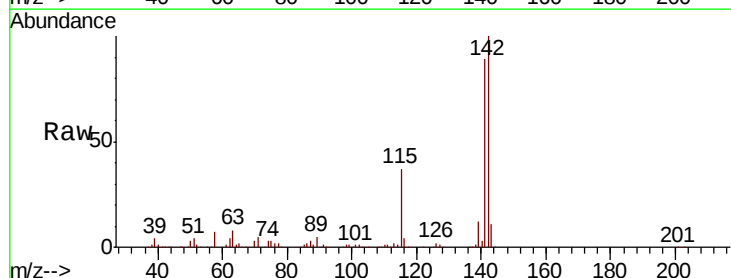
Instrument :
BNA_G
ClientSampleId :
PB117428BS

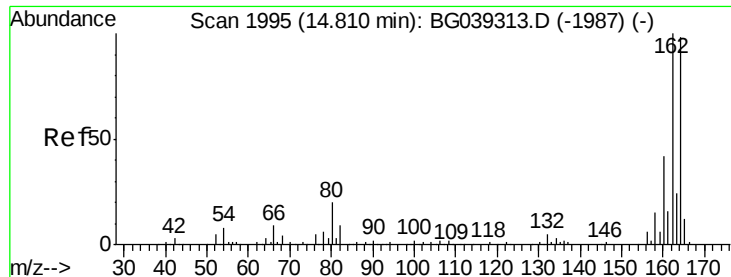
Tot Ion:142 Resp: 330641
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
115 38.0 30.8 46.2



#38
1-Methylnaphthalene
Concen: 43.403 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:142 Resp: 311797
Ion Ratio Lower Upper
142 100
141 89.4 74.2 111.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

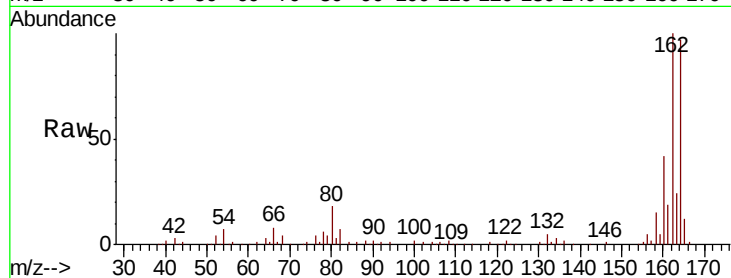
Tot Ion:164 Resp: 133261

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 42.8 34.2 51.2

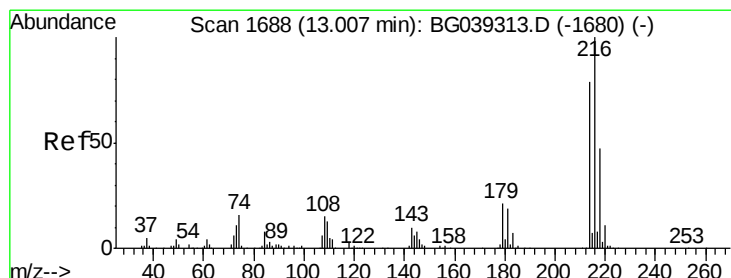
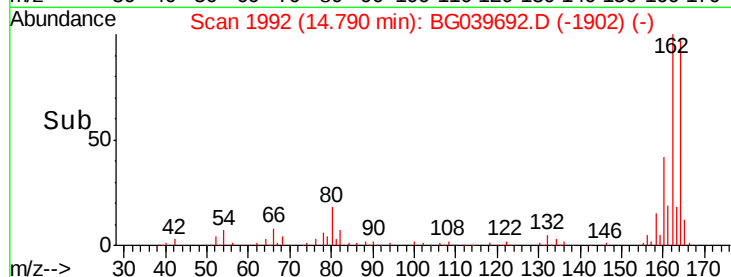
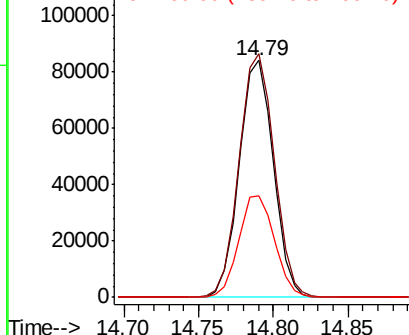


Abundance

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: 42.821 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Tgt Ion:216 Resp: 181560

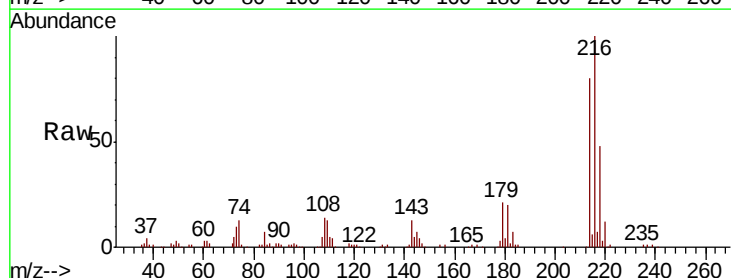
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 21.3 16.6 25.0

108 18.2 14.0 21.0



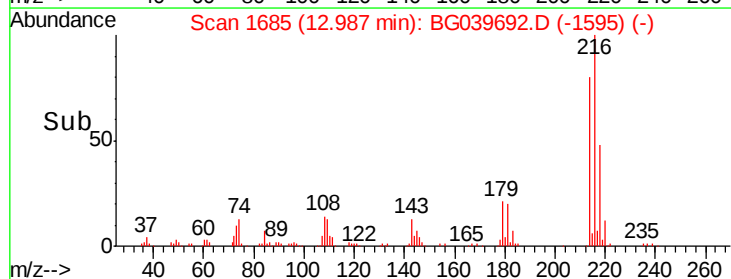
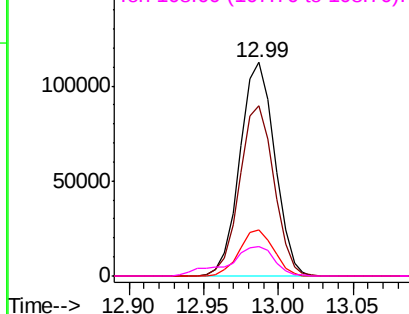
Abundance

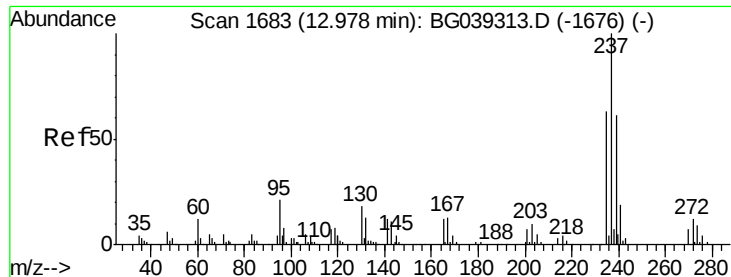
Ion 216.00 (215.70 to 216.70): E

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: 103.344 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

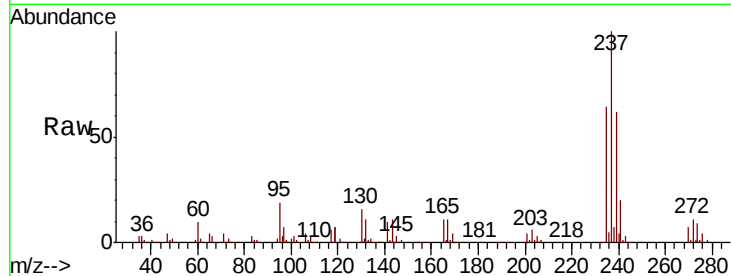
Tot Ion:237 Resp: 238768

Ion Ratio Lower Upper

237 100

235 63.6 43.3 83.3

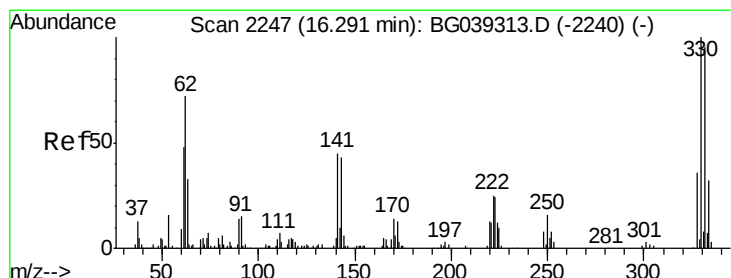
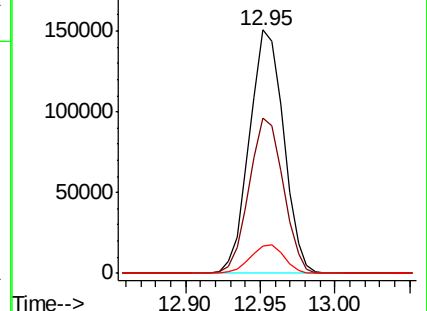
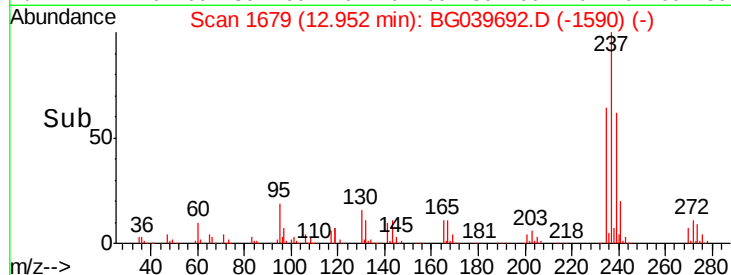
272 11.4 0.0 32.3



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: 140.183 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

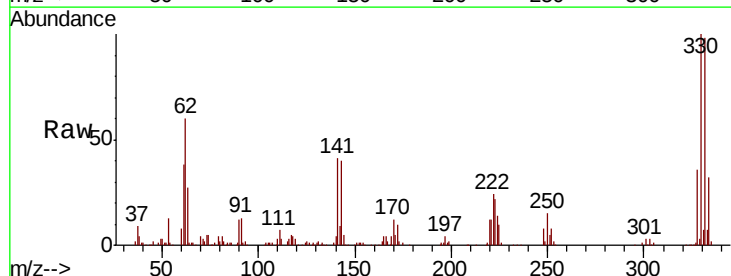
Tgt Ion:330 Resp: 201162

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

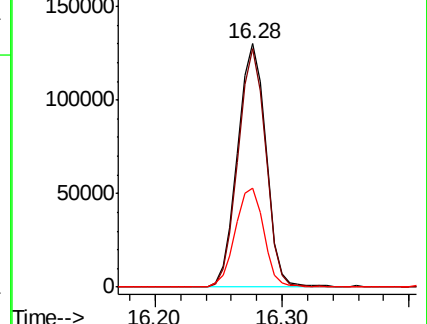
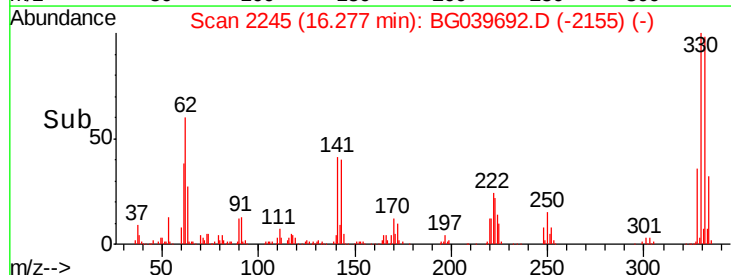
141 41.0 35.6 53.4

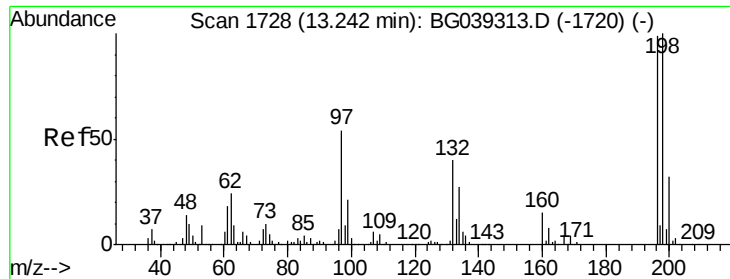


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

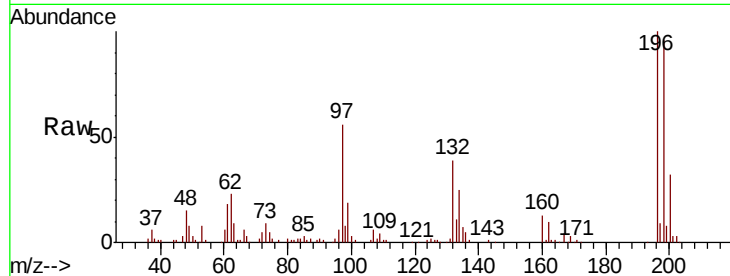




#43
 2,4,6-Trichlorophenol
 Concen: 47.455 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	196	Resp	123714
Ion Ratio	Lower	Upper	
196	100		
198	96.3	80.6	121.0
200	31.8	26.1	39.1

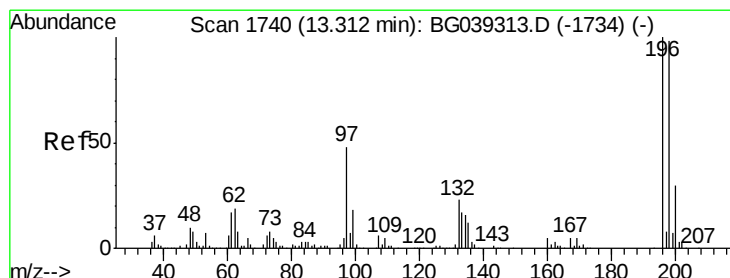
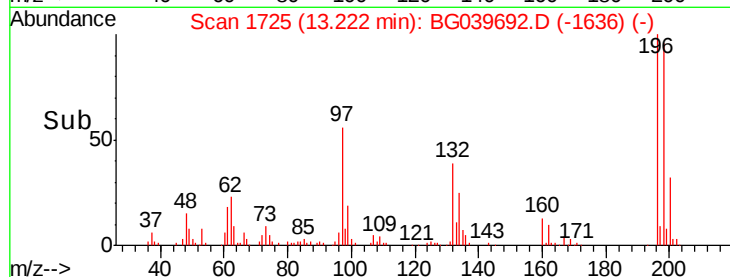
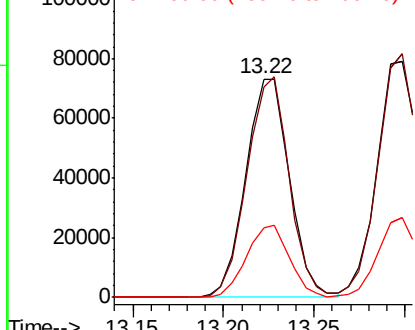


Abundance

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: 47.933 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Tgt Ion	196	Resp	130968
Ion Ratio	Lower	Upper	
196	100		
198	103.0	78.5	117.7
97	47.3	38.4	57.6
132	25.9	19.2	28.8

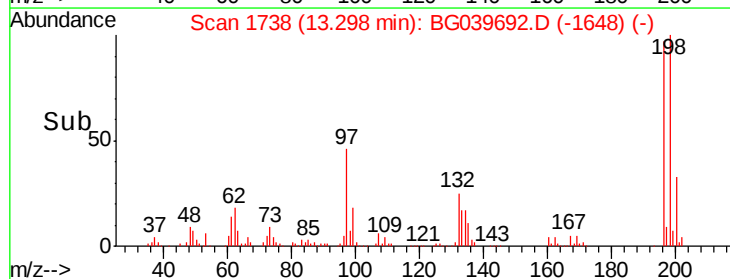
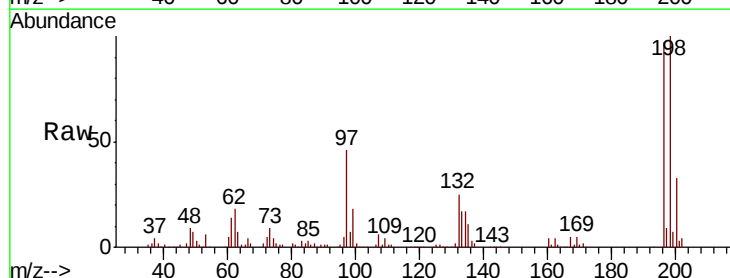
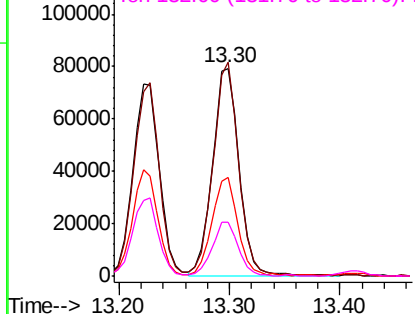
Abundance

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

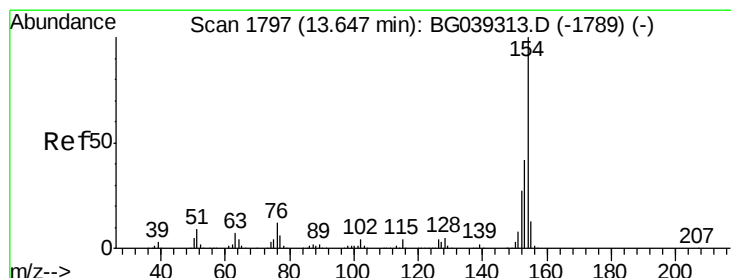
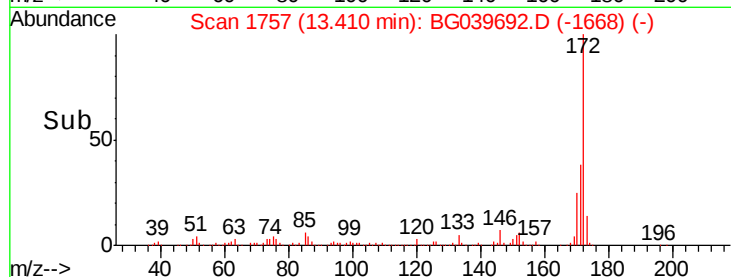
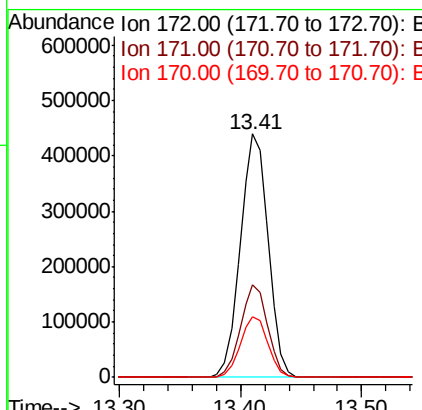
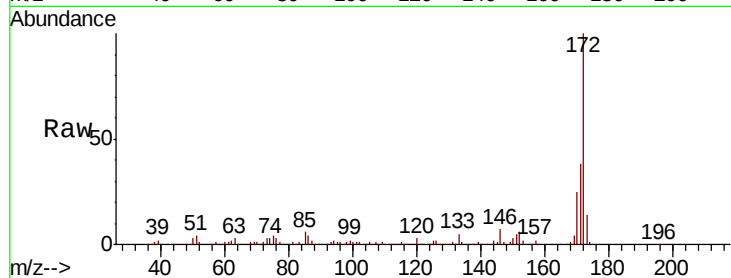




#45
2-Fluorobiphenyl
Concen: 75.694 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

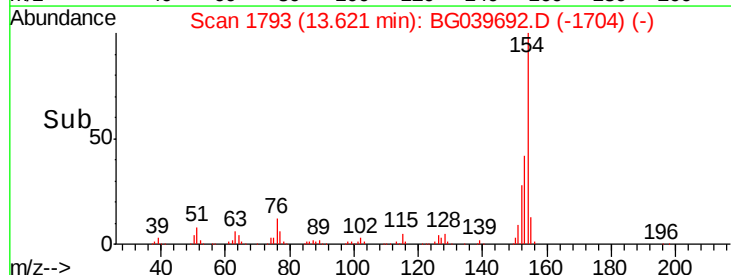
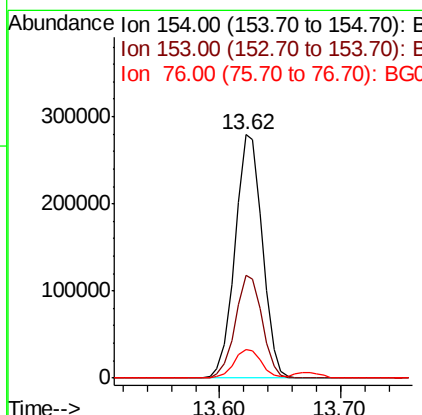
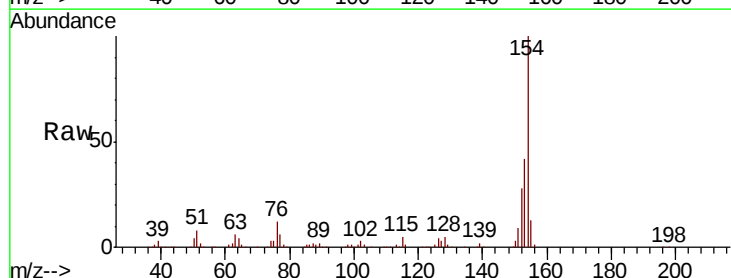
Instrument :
BNA_G
ClientSampleId :
PB117428BS

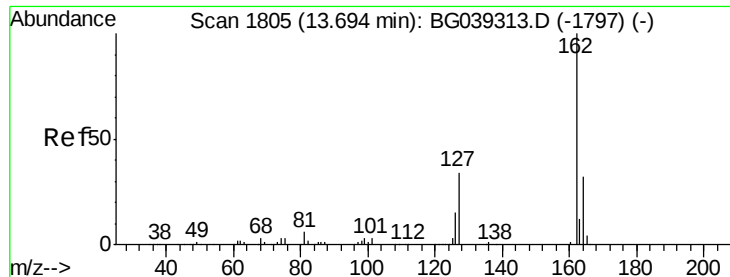
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.0	20.2	30.4



#46
1,1'-Biphenyl
Concen: 39.610 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	11.9	0.0	32.4





#47

2-Chloronaphthalene

Concen: 40.848 ng

RT: 13.67 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

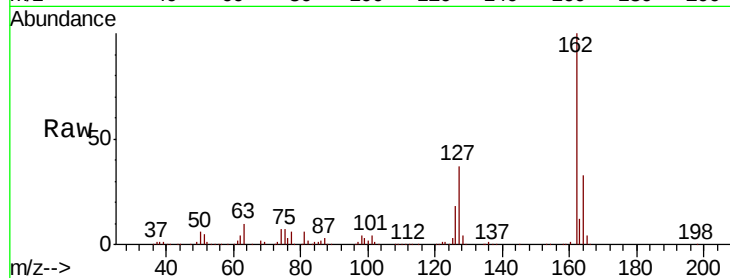
Tot Ion:162 Resp: 340713

Ion Ratio Lower Upper

162 100

127 37.0 31.0 46.6

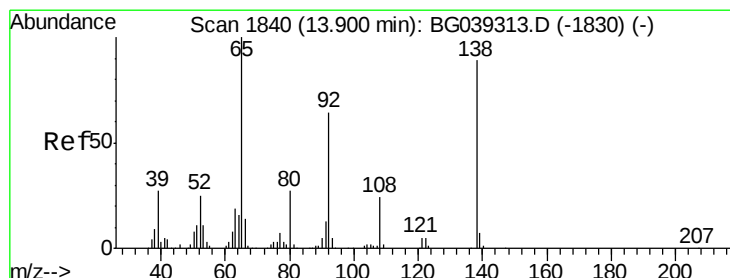
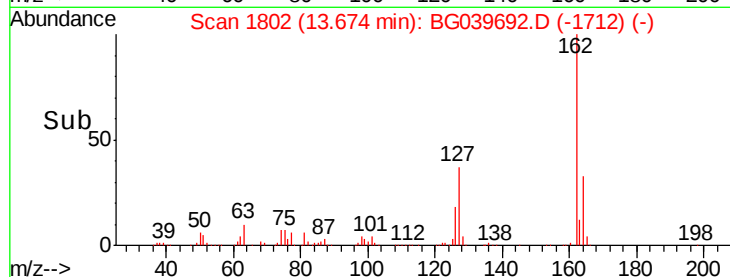
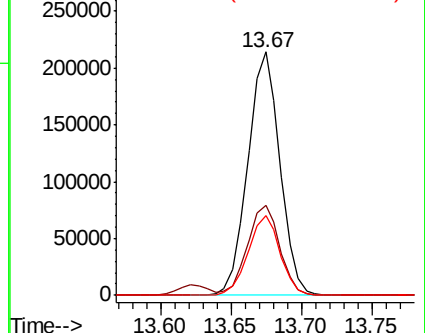
164 32.9 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.519 ng

RT: 13.88 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

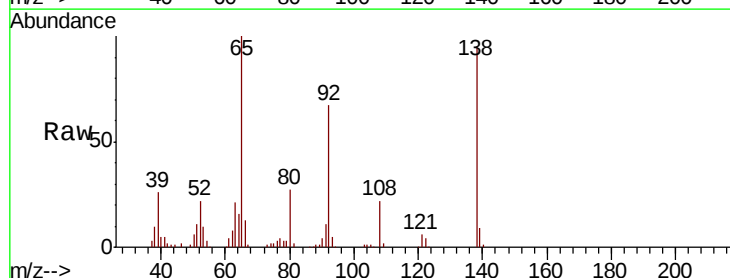
Tgt Ion: 65 Resp: 113619

Ion Ratio Lower Upper

65 100

92 66.7 51.4 77.2

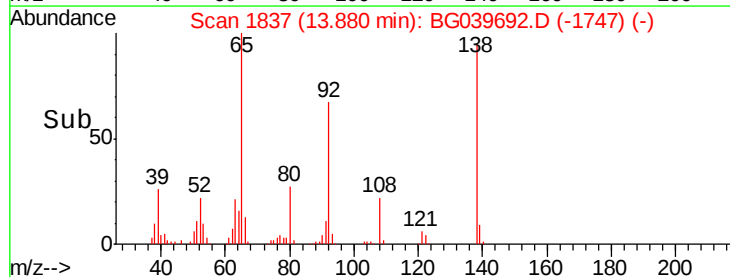
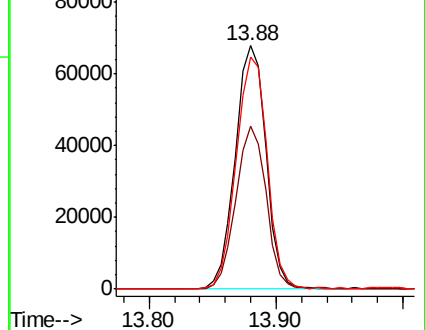
138 95.3 71.4 107.2

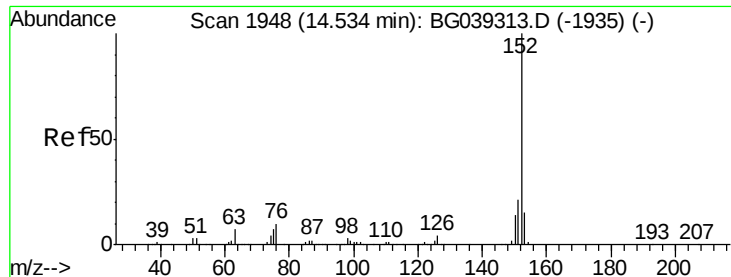


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.978 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

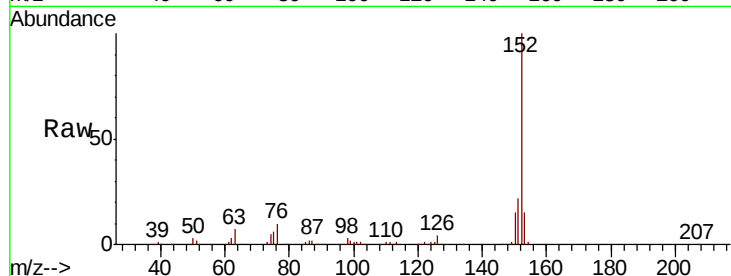
Tot Ion:152 Resp: 540912

Ion Ratio Lower Upper

152 100

151 22.4 16.8 25.2

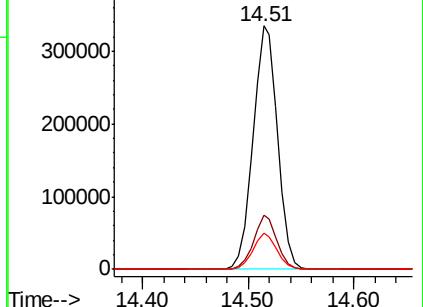
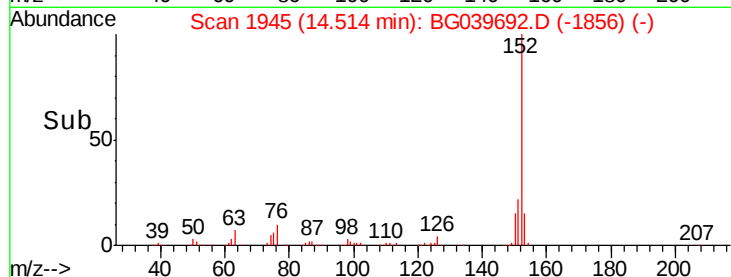
153 14.7 11.7 17.5



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: 40.351 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

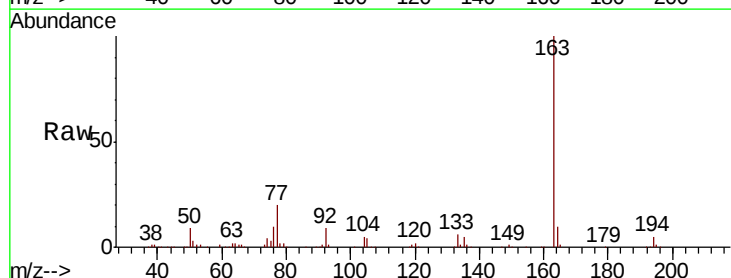
Tgt Ion:163 Resp: 434286

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

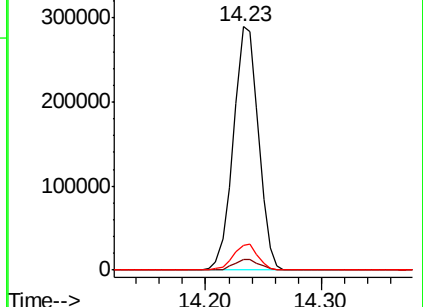
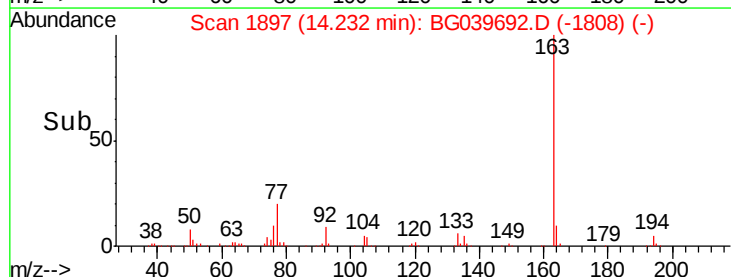
164 10.2 8.4 12.6



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: 49.239 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

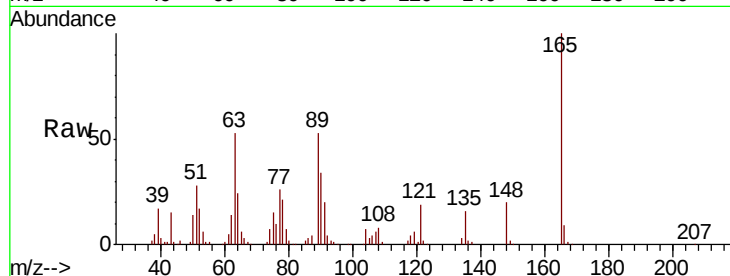
Tot Ion:165 Resp: 99439

Ion Ratio Lower Upper

165 100

63 53.0 47.0 70.6

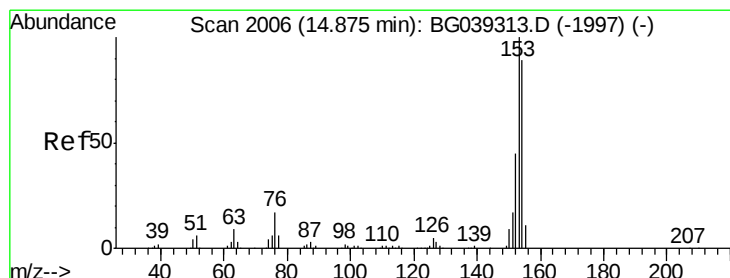
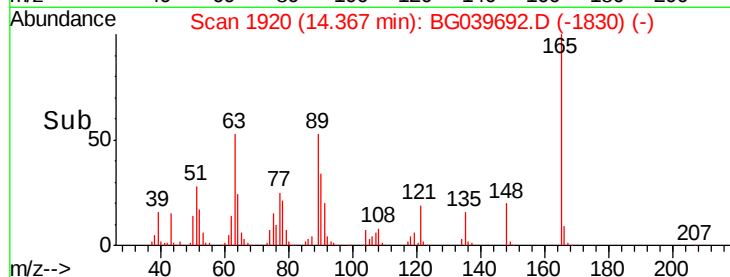
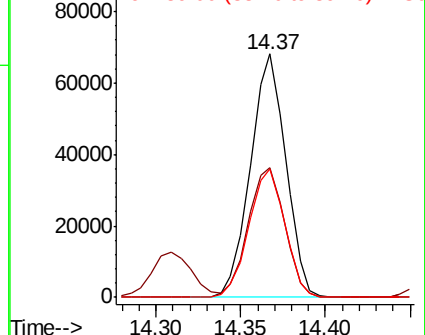
89 52.5 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.047 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

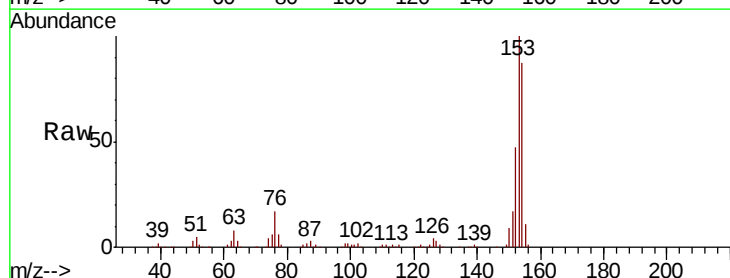
Tgt Ion:154 Resp: 327177

Ion Ratio Lower Upper

154 100

153 114.8 90.1 135.1

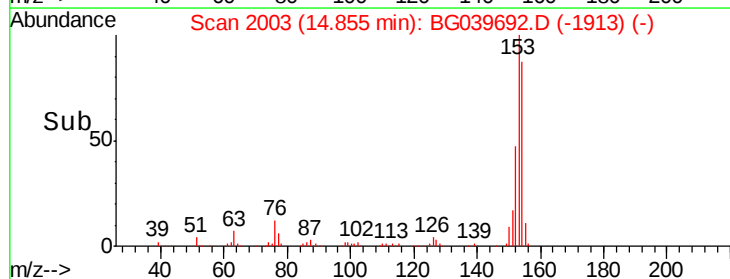
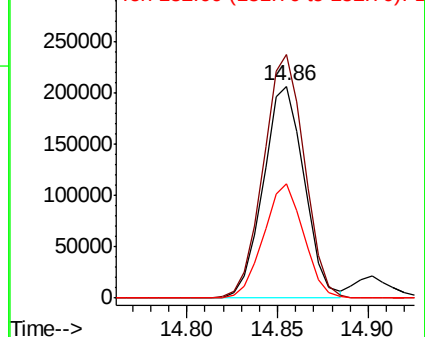
152 53.9 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

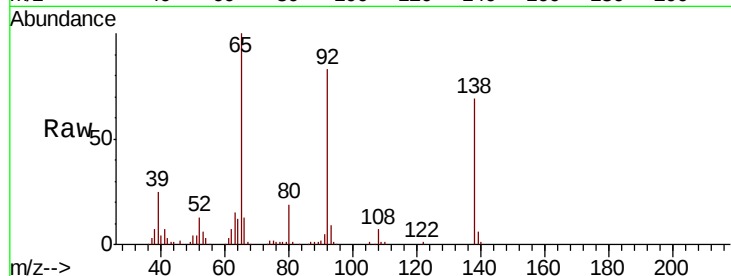




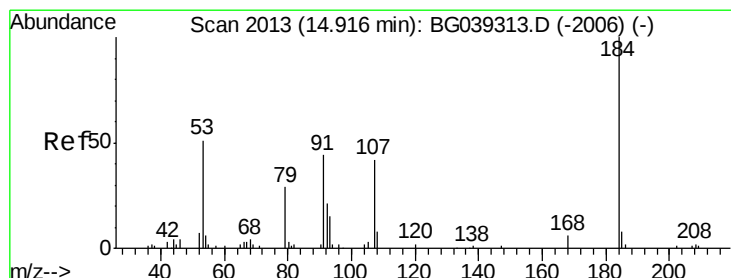
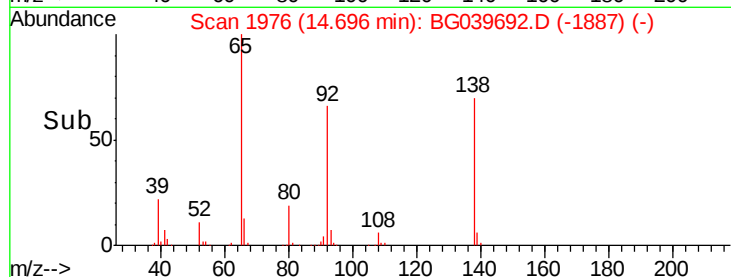
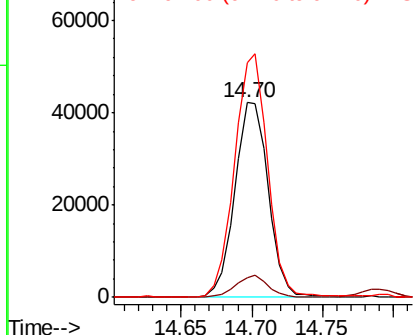
#53
3-Nitroaniline
Concen: 34.165 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:138 Resp: 70032
Ion Ratio Lower Upper
138 100
108 9.9 13.8 20.8#
92 120.5 103.7 155.5

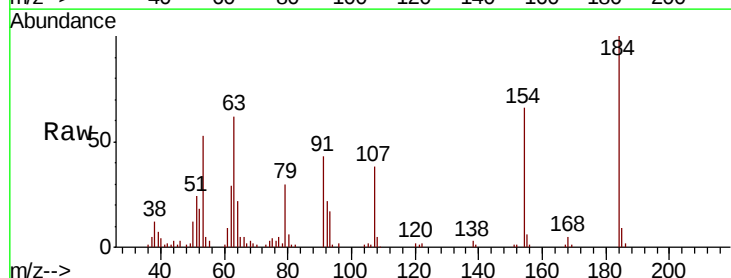


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

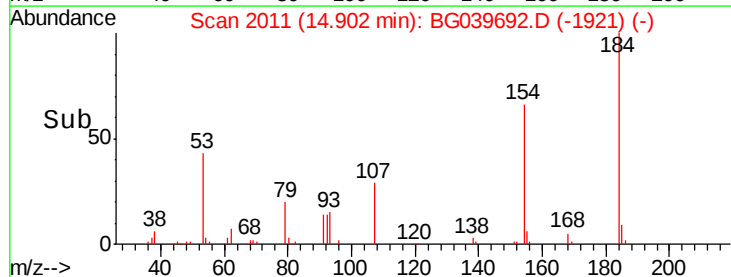
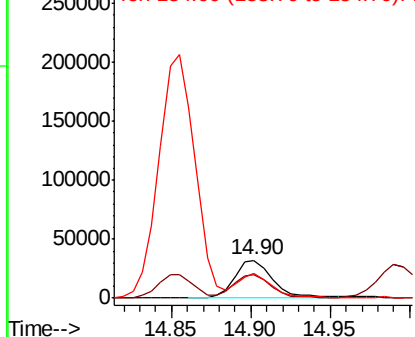


#54
2,4-Dinitrophenol
Concen: 66.080 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:184 Resp: 53741
Ion Ratio Lower Upper
184 100
63 62.5 50.9 76.3
154 66.1 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: 40.569 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

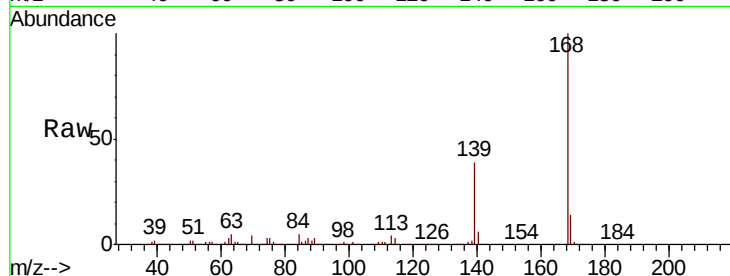
Tot Ion:168 Resp: 531403

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

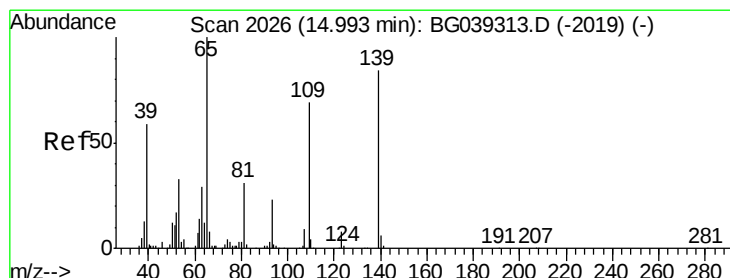
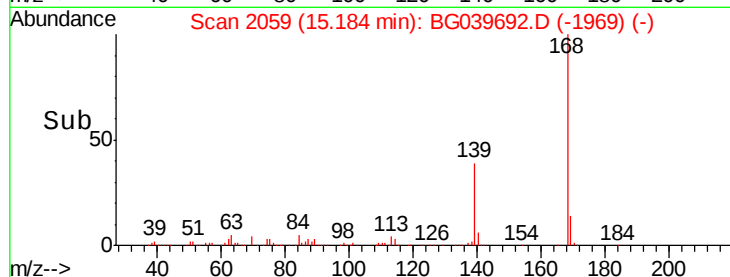
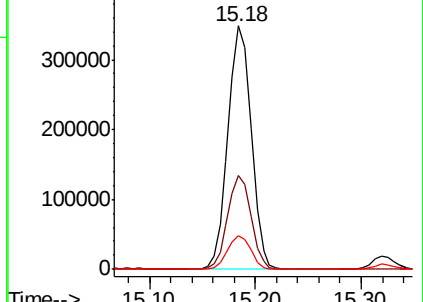
169 14.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.639 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

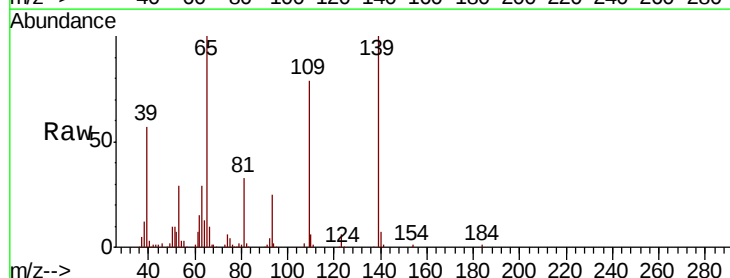
Tgt Ion:139 Resp: 159118

Ion Ratio Lower Upper

139 100

109 78.9 61.9 101.9

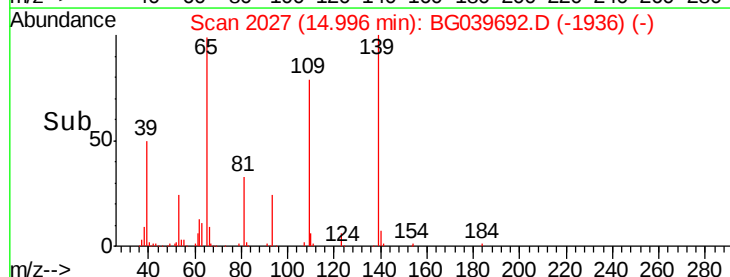
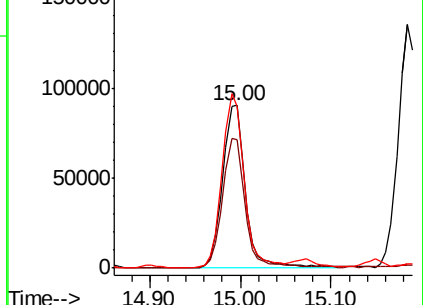
65 99.6 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

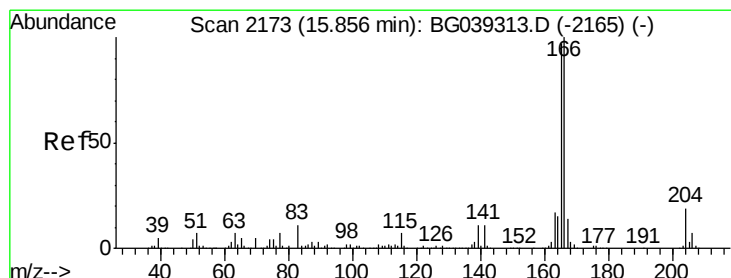
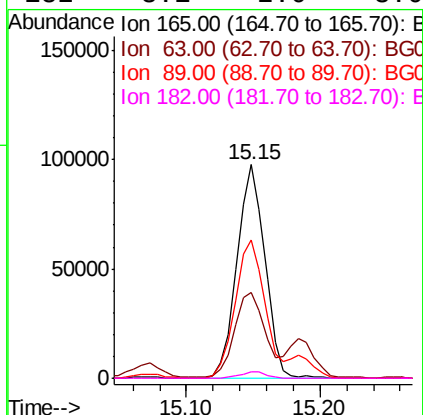
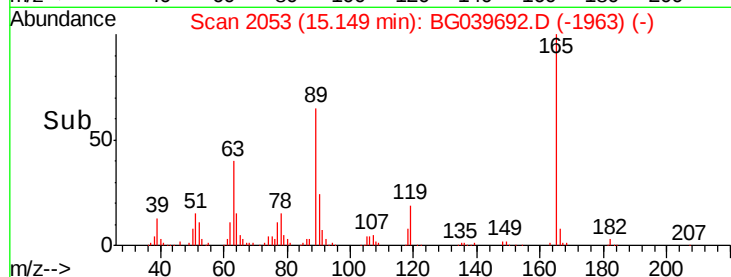
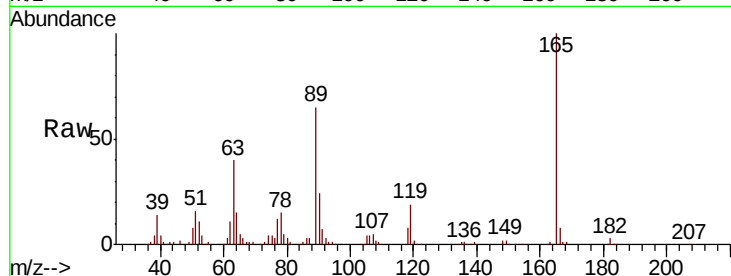




#57
 2,4-Dinitrotoluene
 Concen: 53.748 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

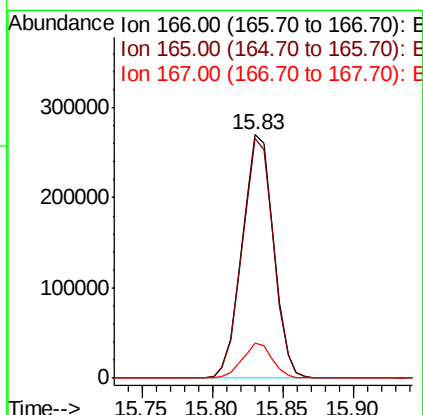
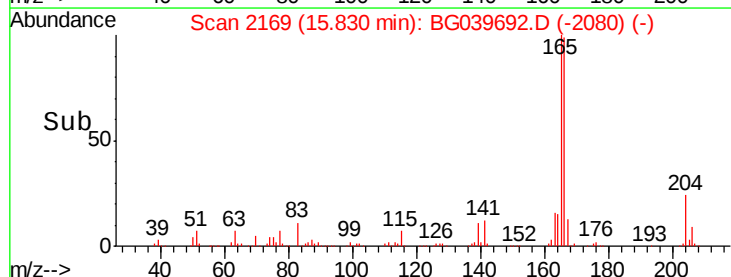
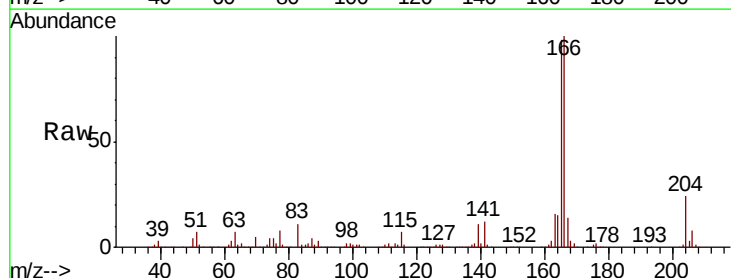
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion:165 Resp: 141372
 Ion Ratio Lower Upper
 165 100
 63 40.2 41.0 61.6#
 89 64.8 64.6 96.8
 182 3.1 2.0 3.0#



#58
 Fluorene
 Concen: 43.015 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Tgt Ion:166 Resp: 420030
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.9 116.9
 167 14.1 10.8 16.2

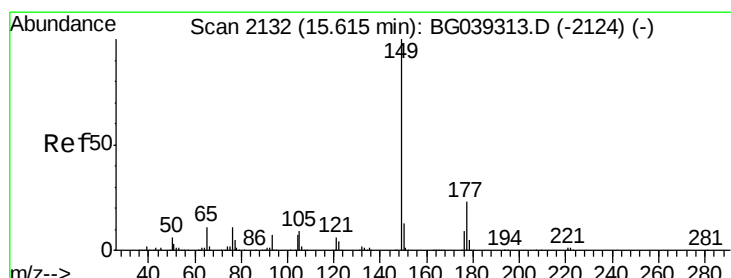
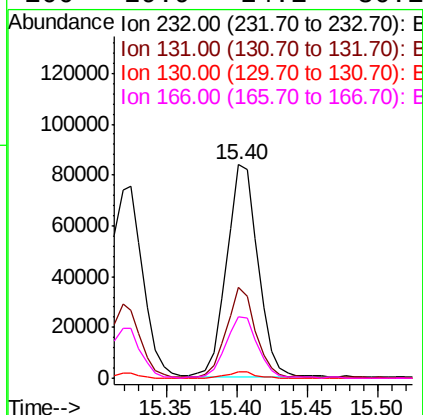
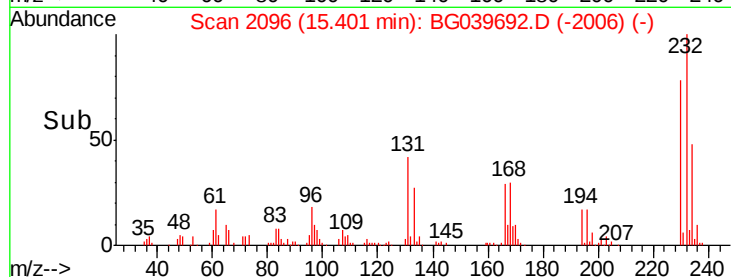
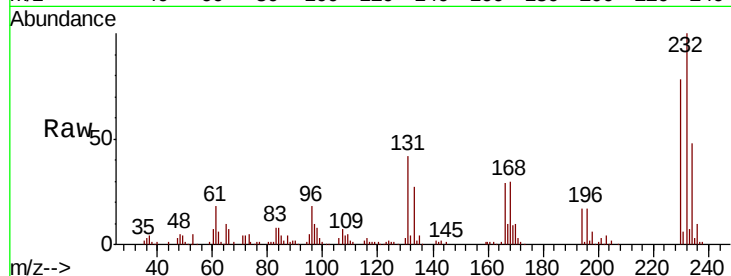




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.697 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

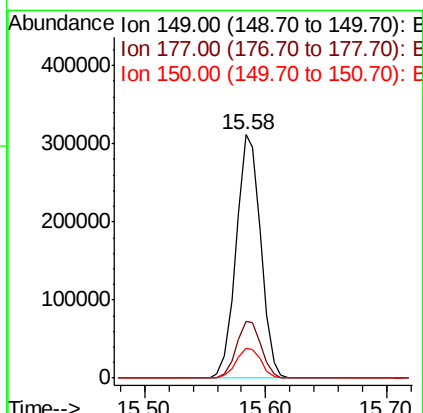
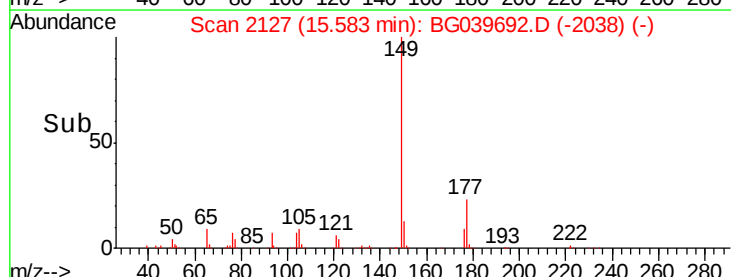
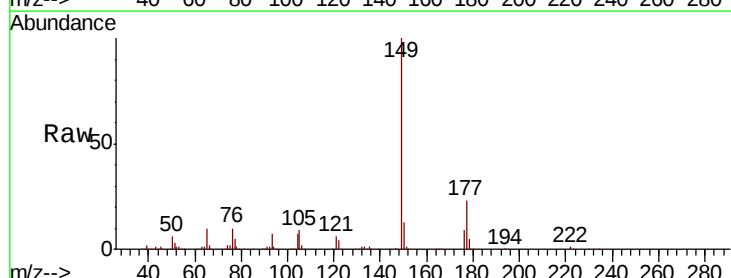
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion:232	Resp:	129697
Ion Ratio	Lower	Upper
232	100	
131	40.7	34.9 52.3
130	2.8	2.0 3.0
166	29.9	24.1 36.1



#60
 Diethylphthalate
 Concen: 39.488 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Tgt Ion:149	Resp:	439420
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.3 27.5
150	12.5	10.2 15.2

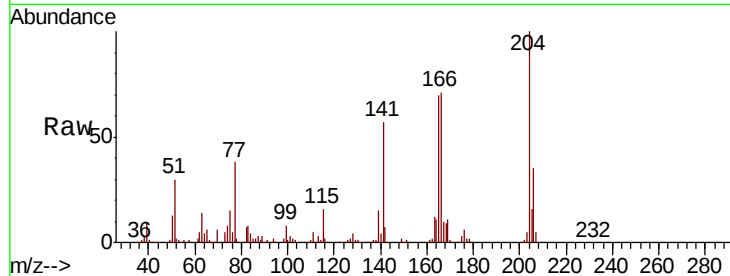




#61
 4-Chlorophenyl-phenylether
 Concen: 40.104 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	57.4	49.0	73.4

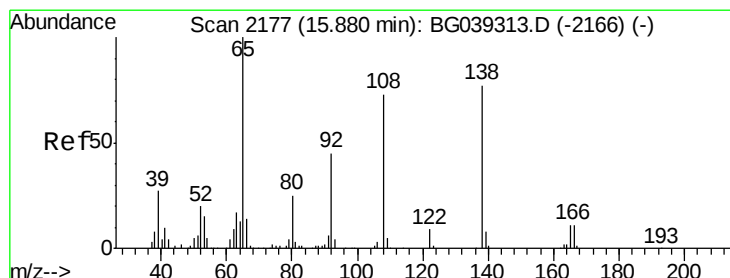
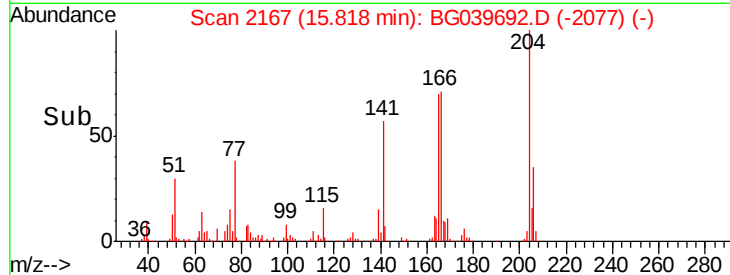
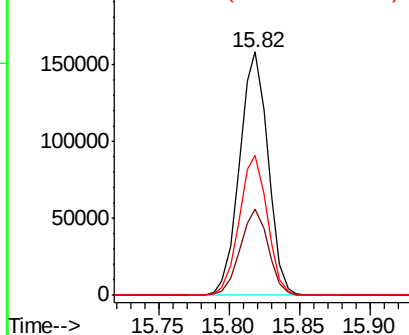


Abundance

Ion 204.00 (203.70 to 204.70): E

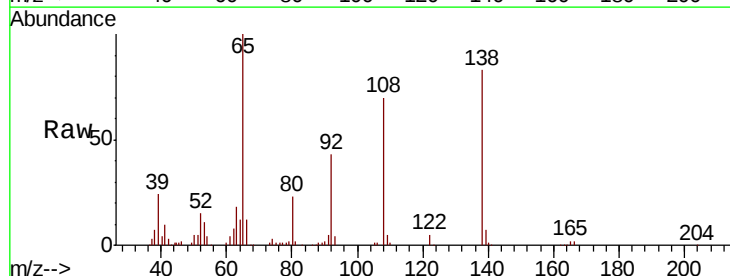
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 47.292 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	38.7	78.7
108	84.3	74.6	114.6

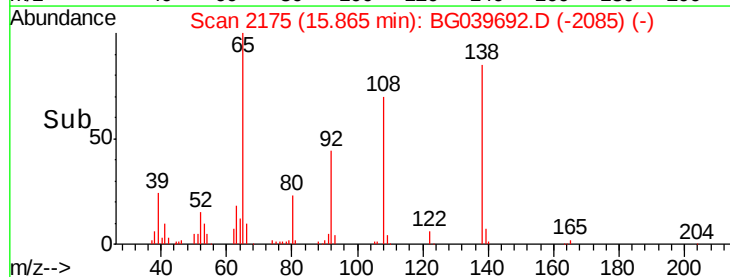
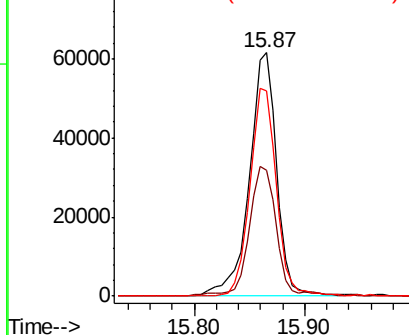


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.054 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

Tot Ion: 77 Resp: 403013

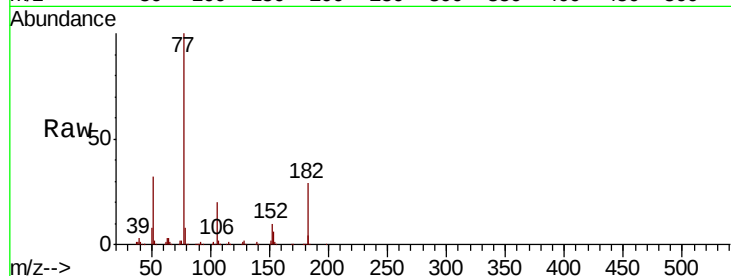
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.1 0.0 39.8

51 32.4 14.1 54.1

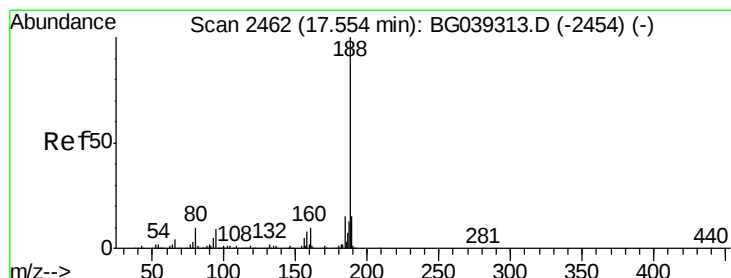
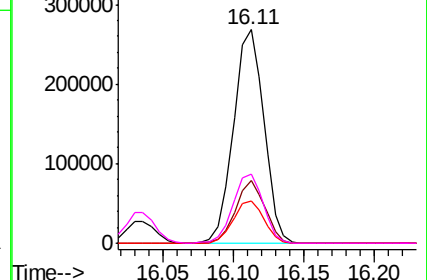
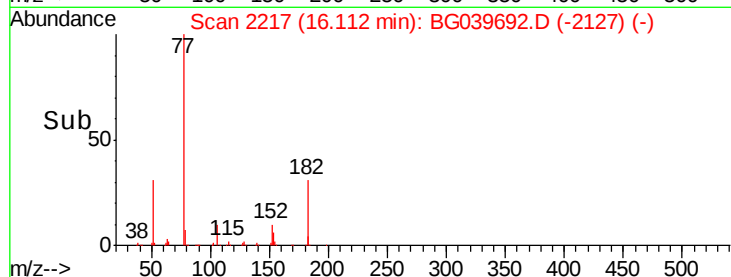


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

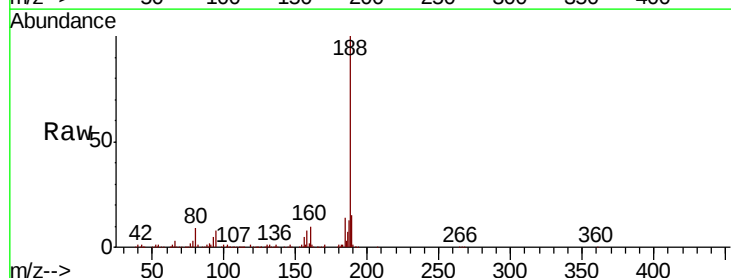
Tgt Ion: 188 Resp: 322240

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

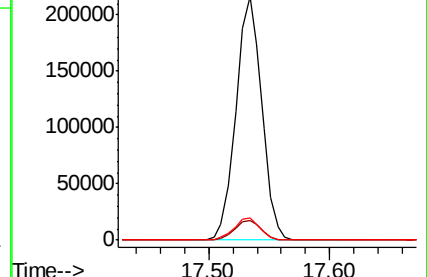
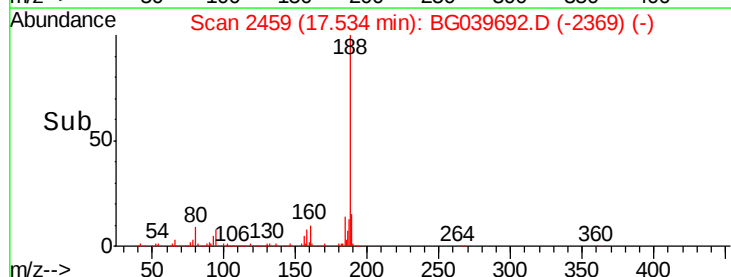
80 9.1 8.1 12.1

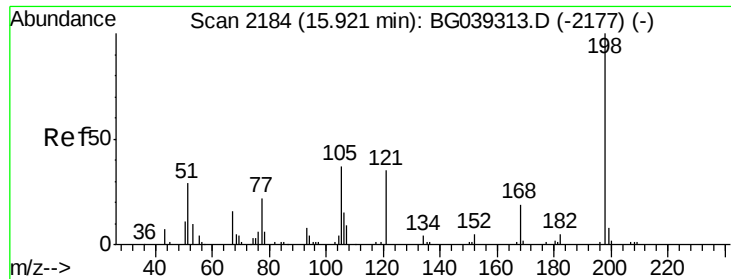


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.780 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

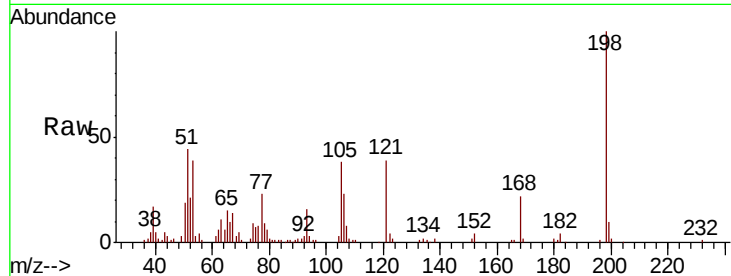
Tot Ion:198 Resp: 58765

Ion Ratio Lower Upper

198 100

51 44.2 27.4 67.4

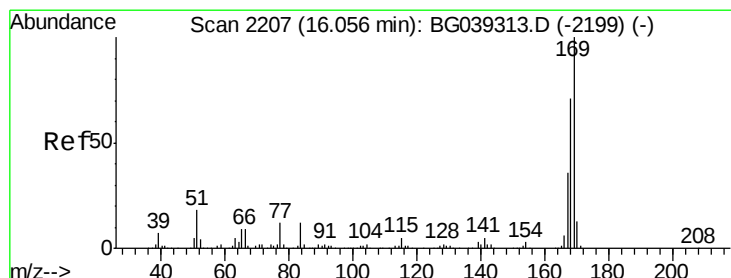
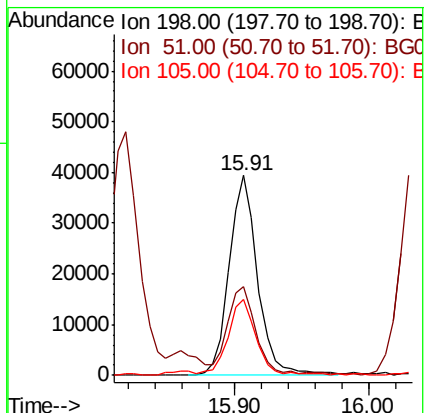
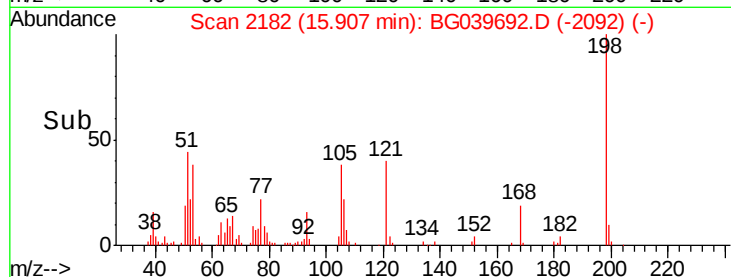
105 38.3 19.7 59.7



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: 39.026 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

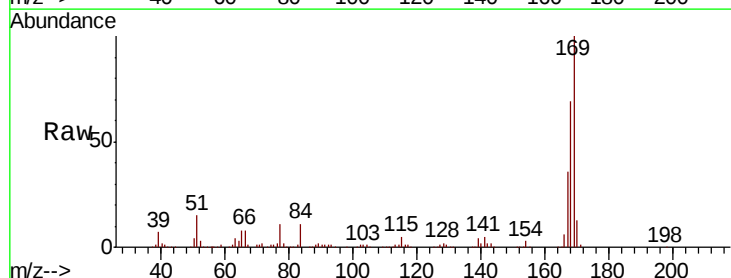
Tgt Ion:169 Resp: 382386

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

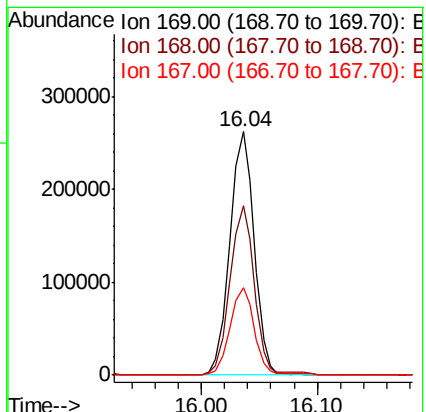
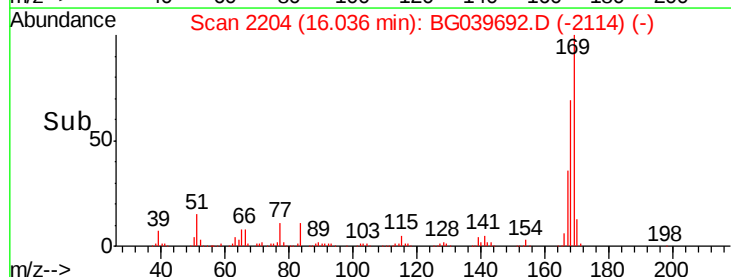
167 36.0 28.8 43.2

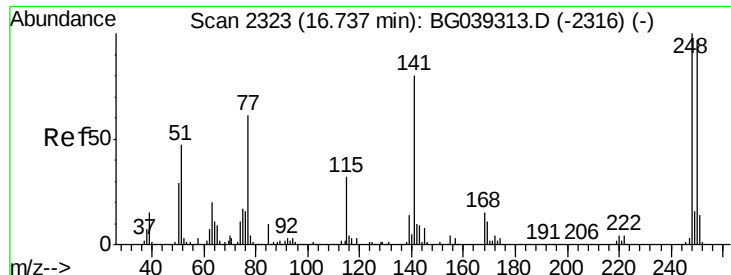


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

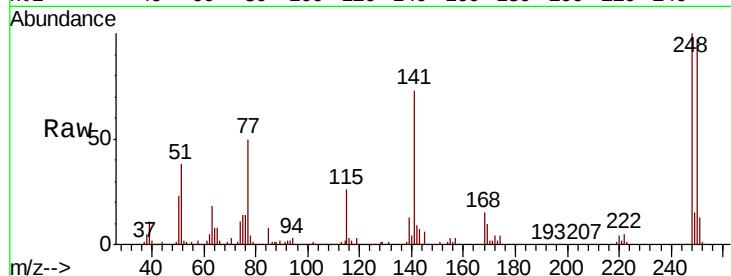




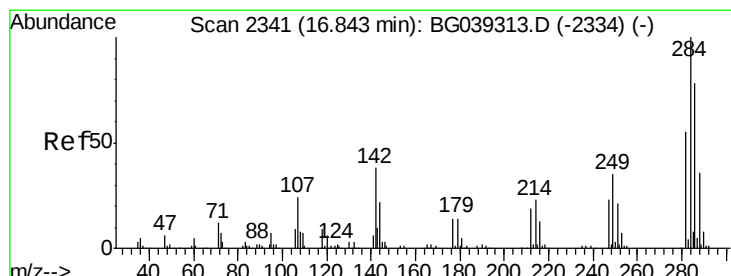
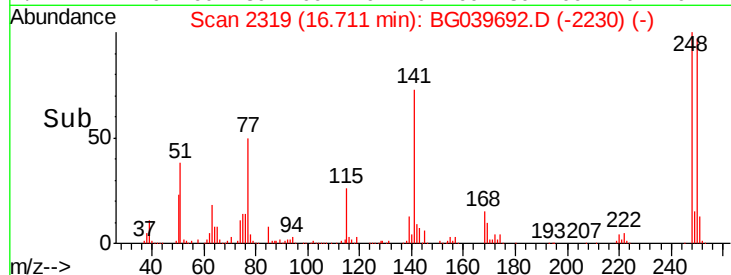
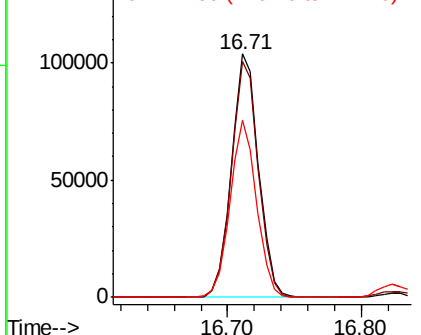
#67
4-Bromophenyl-phenylether
Concen: 40.845 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Instrument :
BNA_G
ClientSampled :
PB117428BS

Tot Ion:248 Resp: 146016
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 72.6 63.9 95.9

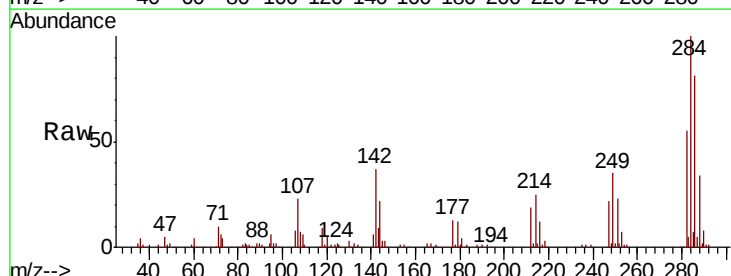


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

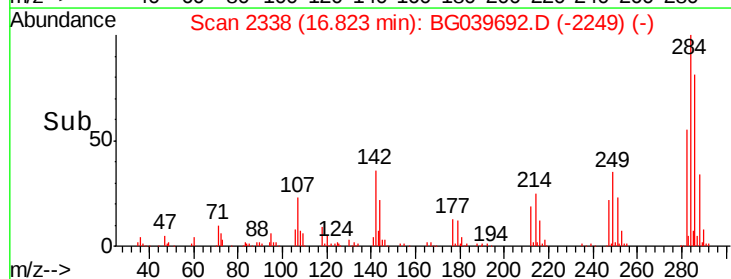
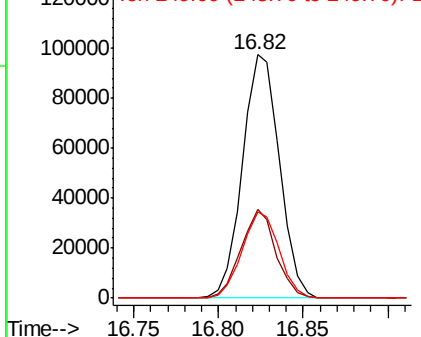


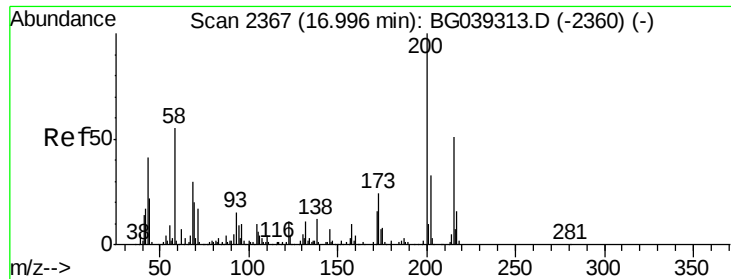
#68
Hexachlorobenzene
Concen: 41.268 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:284 Resp: 148016
Ion Ratio Lower Upper
284 100
142 36.6 30.6 45.8
249 35.2 28.2 42.2



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

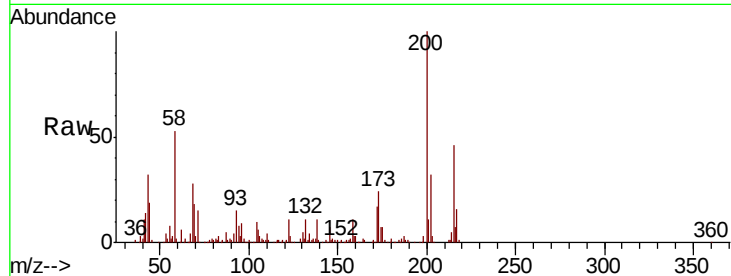




#69
Atrazine
Concen: 43.371 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.9	43.9
215	46.4	30.9	70.9

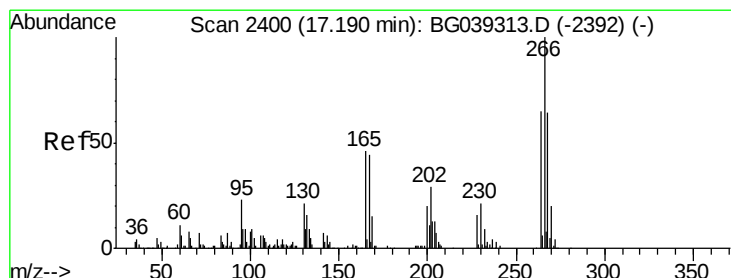
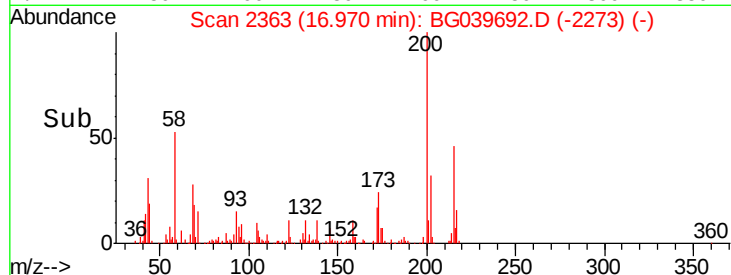
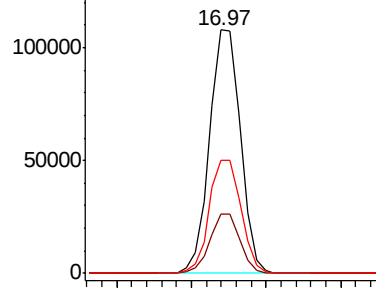


Abundance

Ion 200.00 (199.70 to 200.70): E

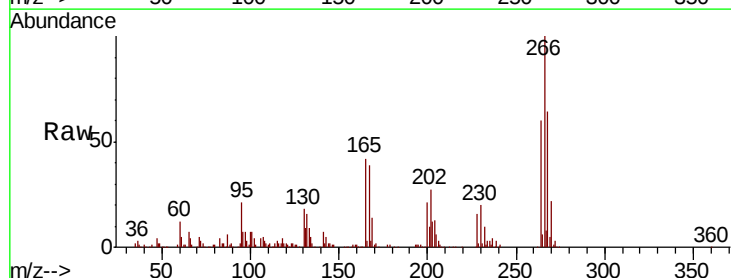
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.012 ng
RT: 17.18 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	60.2	52.1	78.1

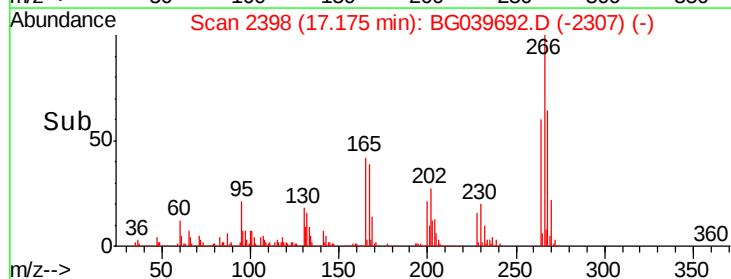
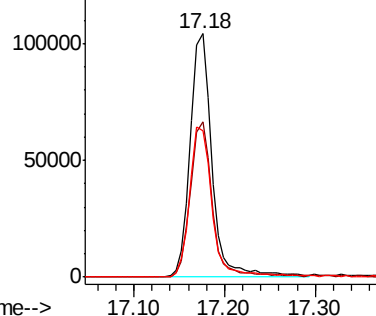


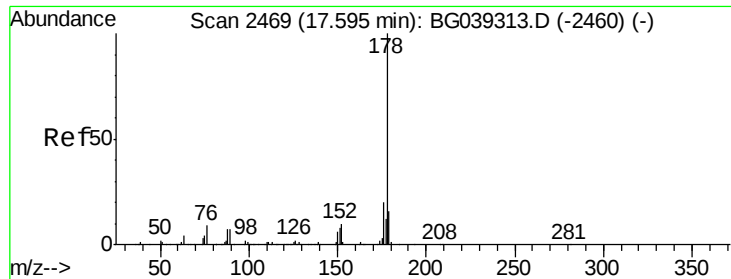
Abundance

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

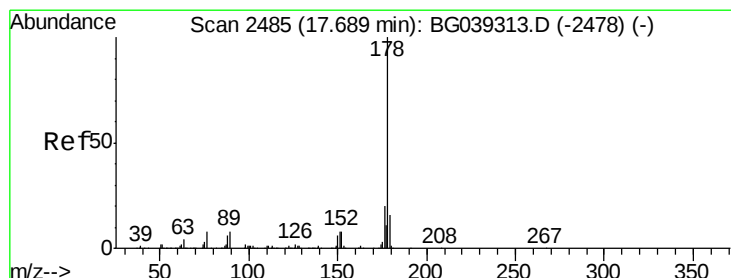
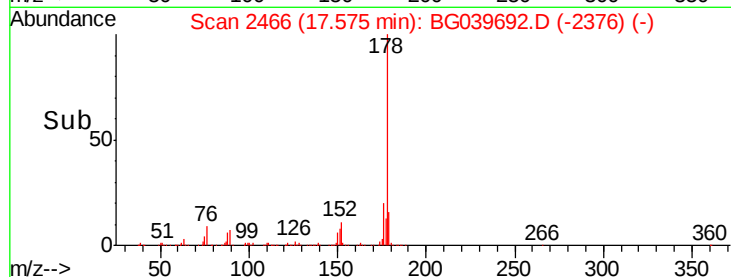
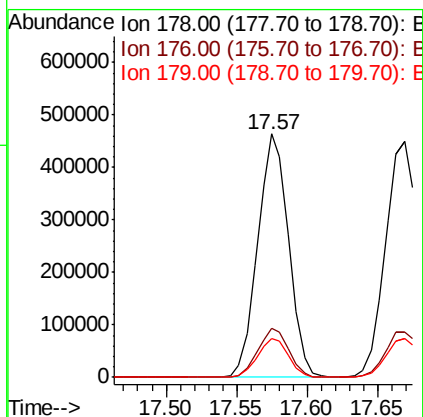
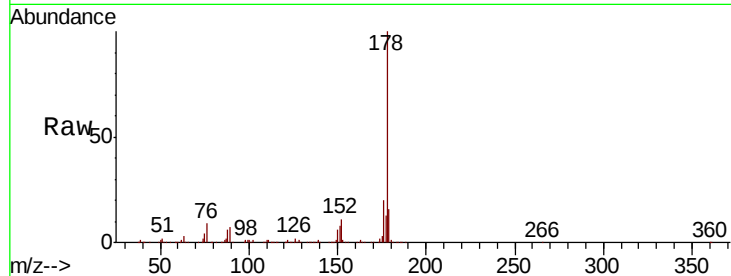




#71
Phenanthrene
Concen: 42.757 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

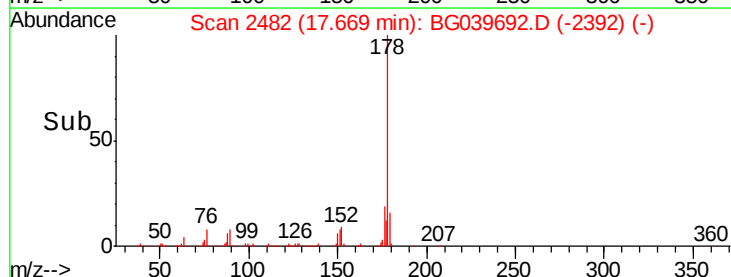
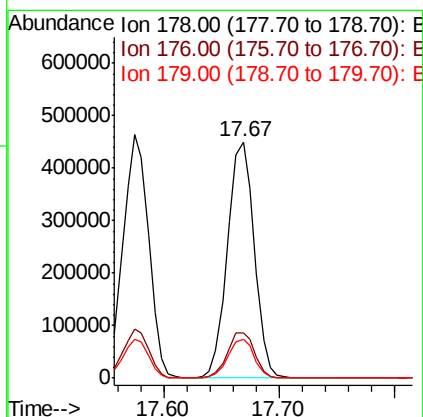
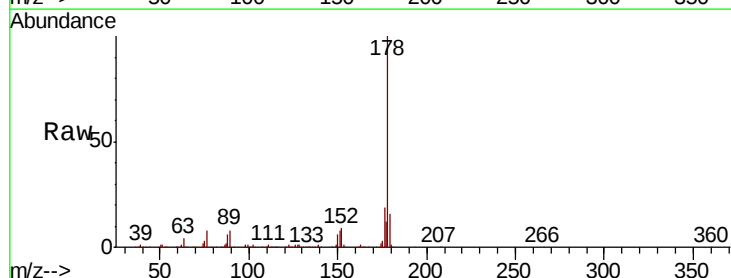
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:178 Resp: 713117
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 43.931 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:178 Resp: 721699
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.3 12.5 18.7

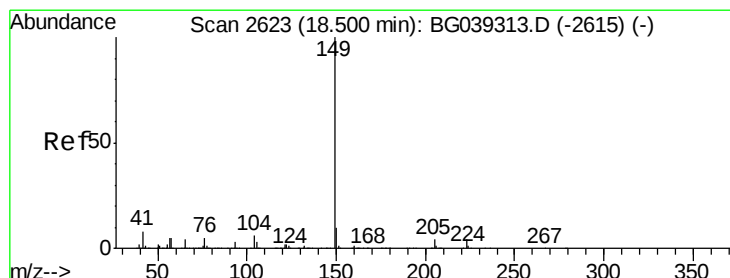
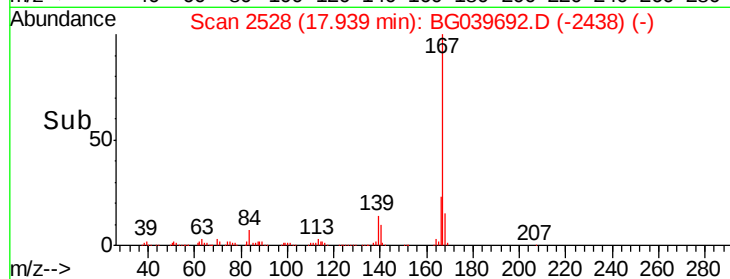
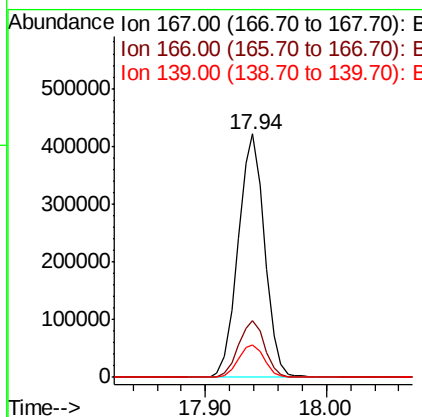
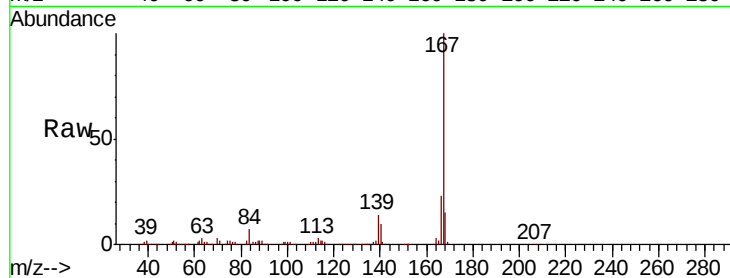




#73
 Carbazole
 Concen: 39.228 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

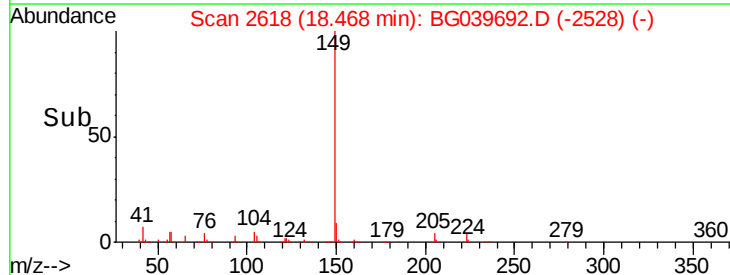
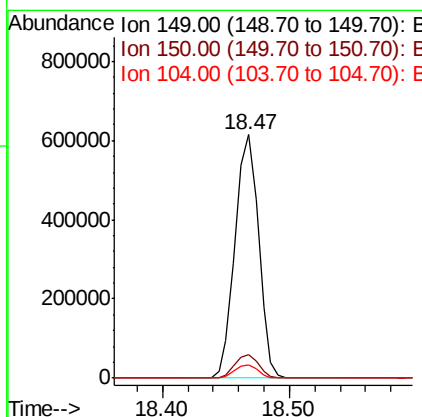
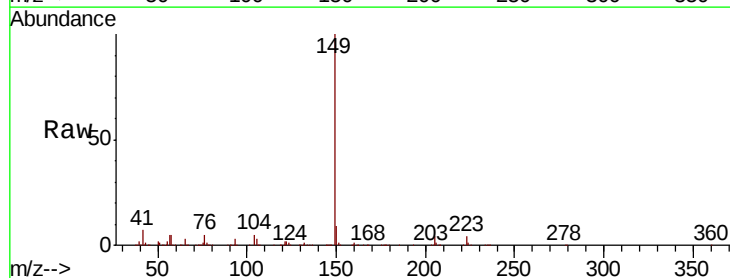
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

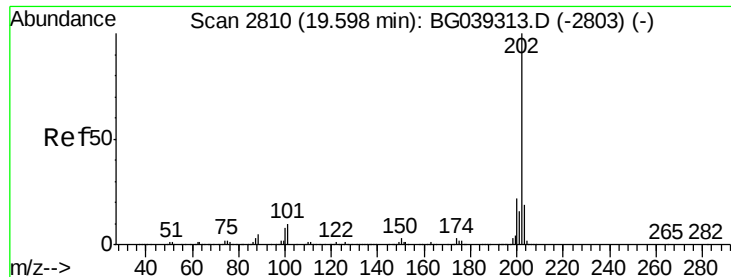
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.218 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BG039692.D
 Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 45.203 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

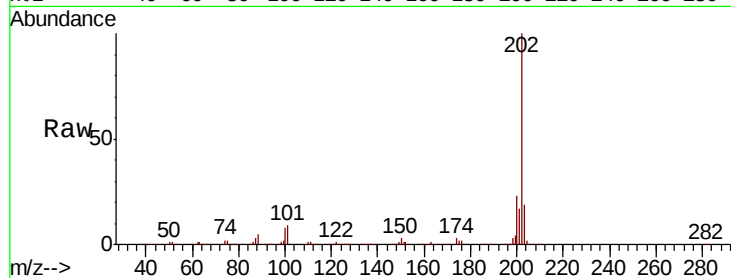
Tot Ion:202 Resp: 875050

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

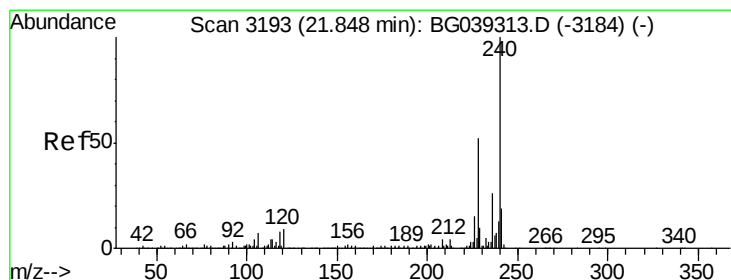
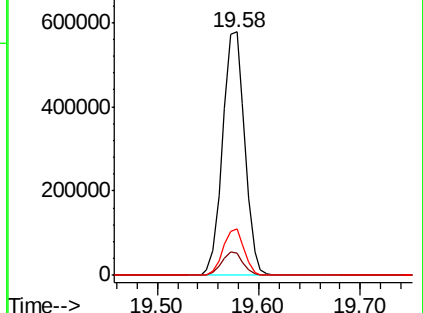
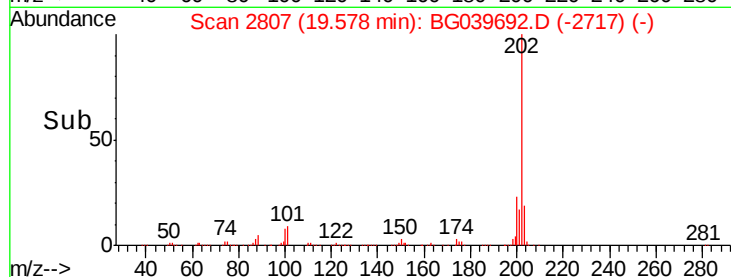
203 18.9 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

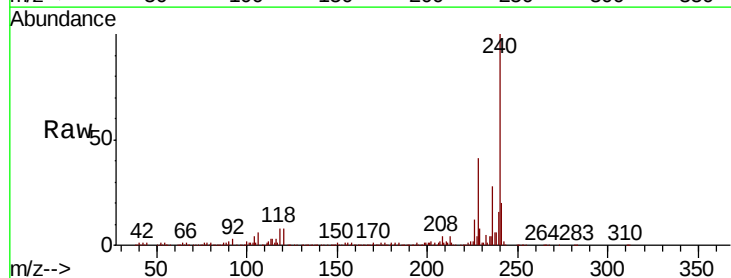
Tgt Ion:240 Resp: 330134

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

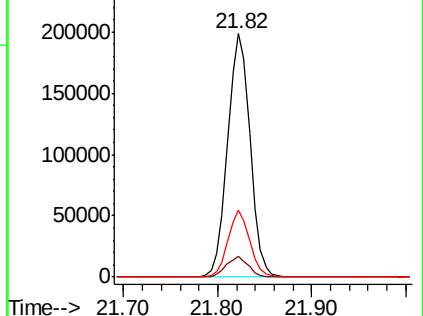
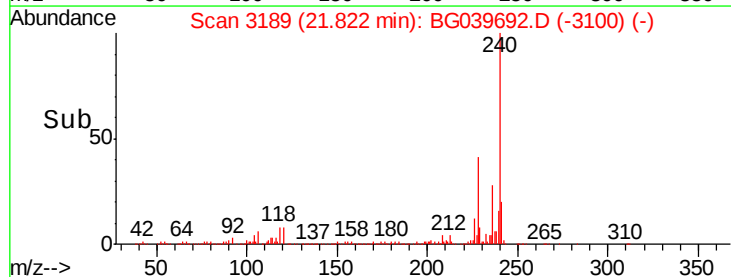
236 27.6 21.0 31.4



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: 32.455 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

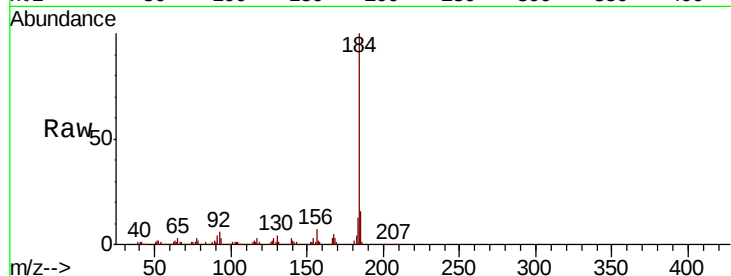
Tot Ion:184 Resp: 351278

Ion Ratio Lower Upper

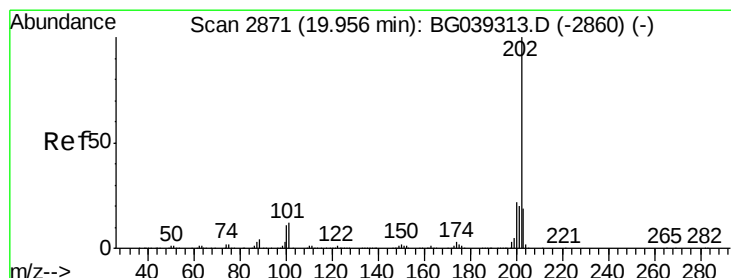
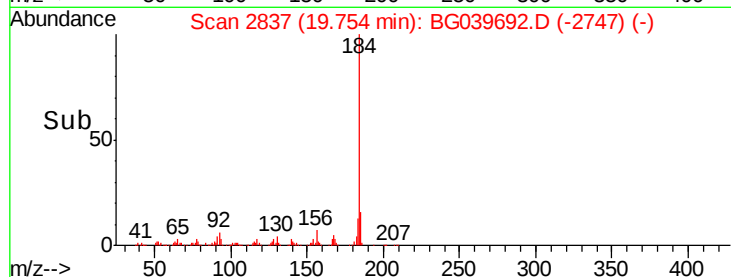
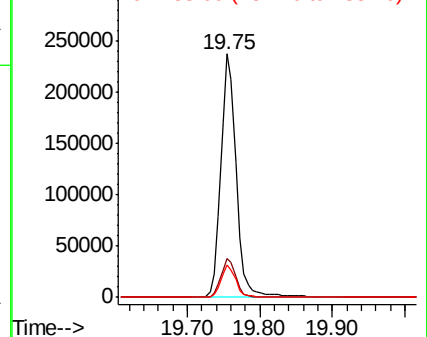
184 100

185 16.2 12.2 18.2

183 13.1 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: 42.759 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

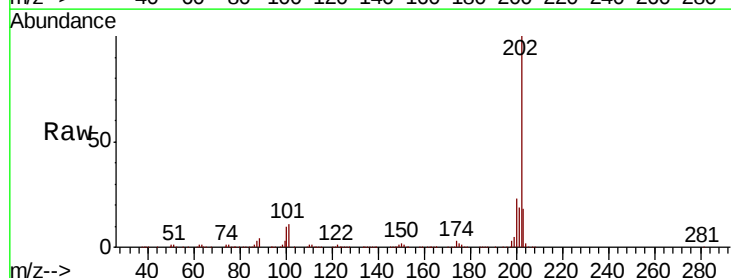
Tgt Ion:202 Resp: 878774

Ion Ratio Lower Upper

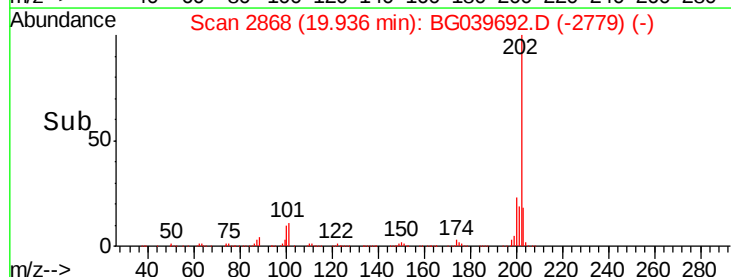
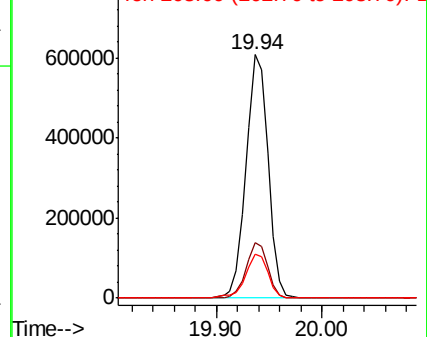
202 100

200 22.5 17.8 26.8

203 18.2 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: 75.022 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

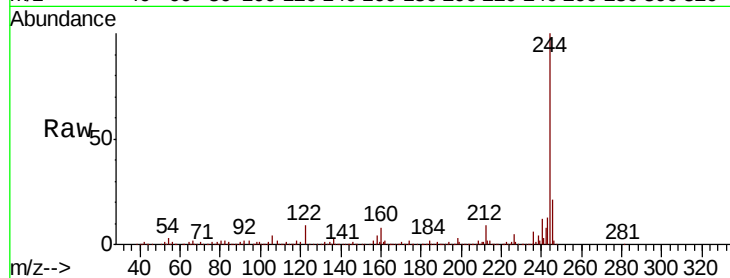
Tot Ion:244 Resp: 1170096

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

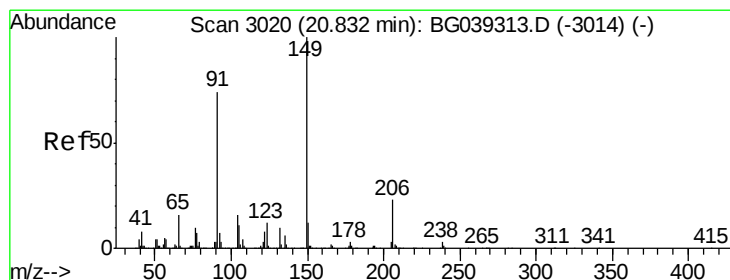
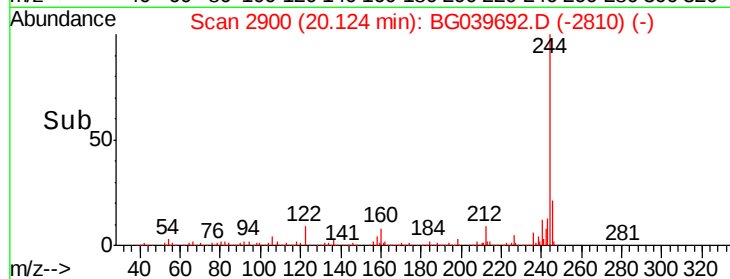
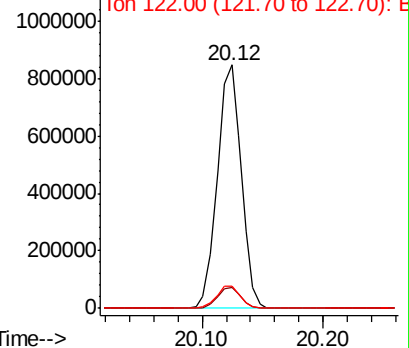
122 9.2 8.4 12.6



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: 42.665 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

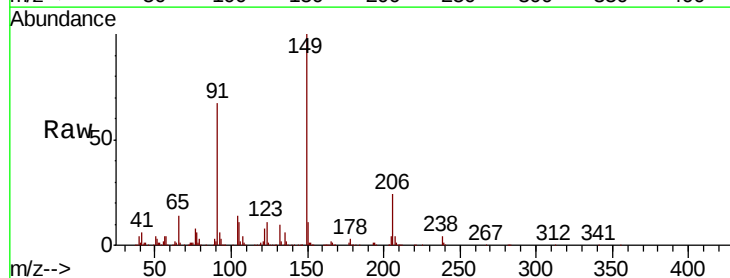
Tgt Ion:149 Resp: 369882

Ion Ratio Lower Upper

149 100

91 66.7 59.5 89.3

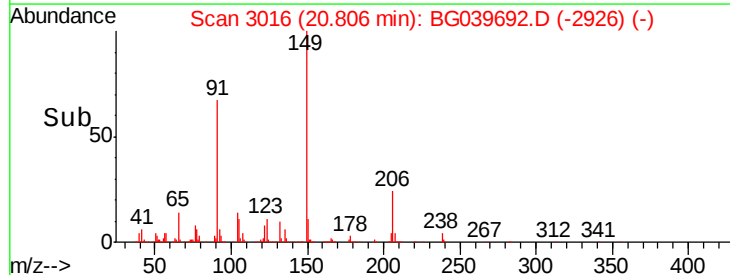
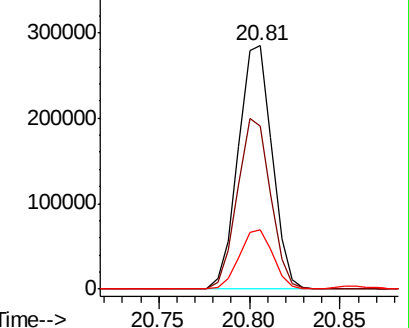
206 24.5 18.6 27.8

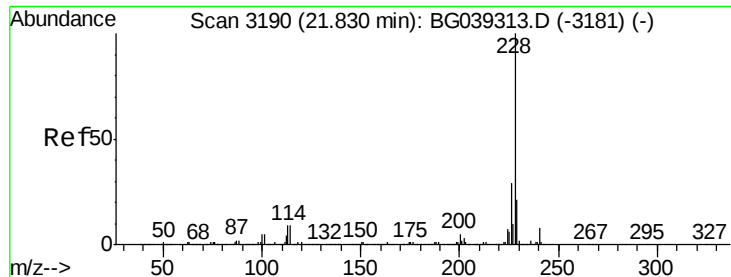


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.316 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

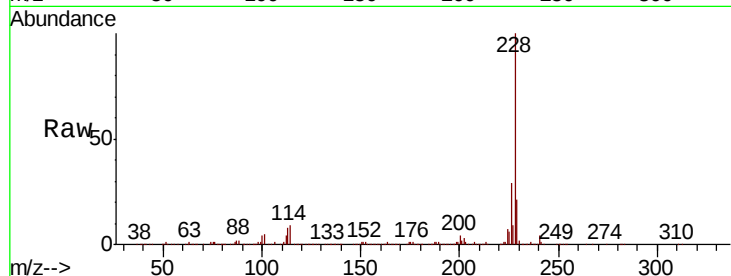
Tot Ion:228 Resp: 825481

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

229 21.1 16.9 25.3

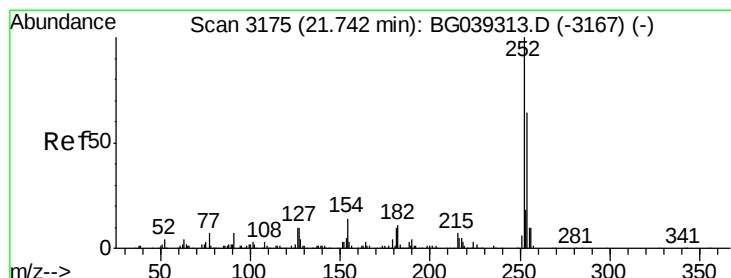
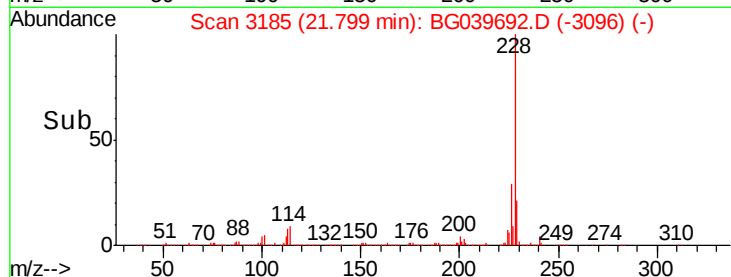
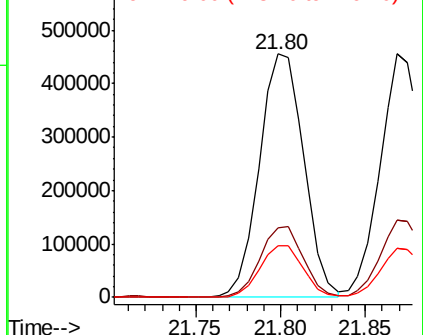


Abundance

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: 28.221 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

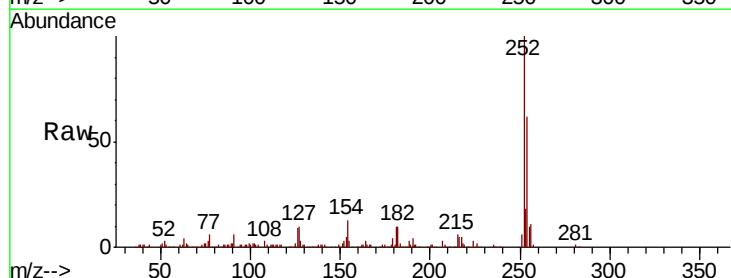
Tgt Ion:252 Resp: 204129

Ion Ratio Lower Upper

252 100

254 62.4 51.3 76.9

126 8.7 8.0 12.0

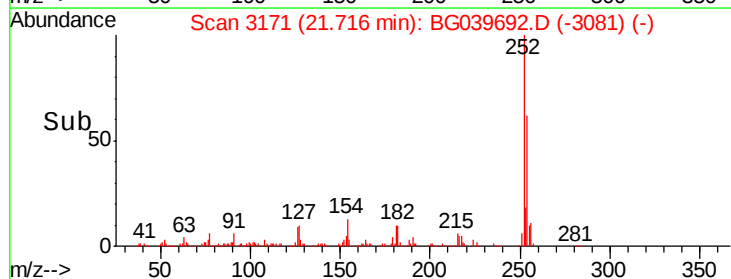
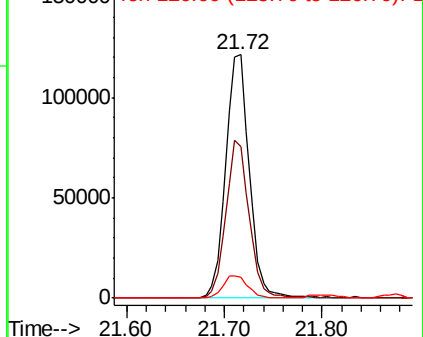


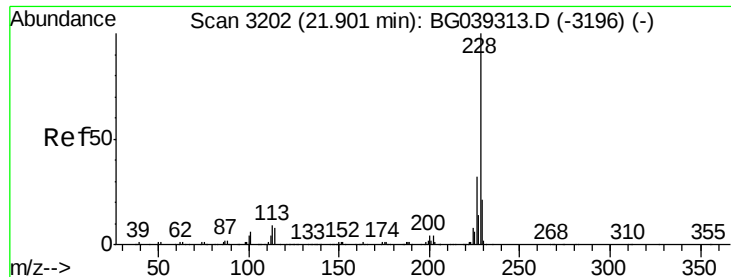
Abundance

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: 42.897 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

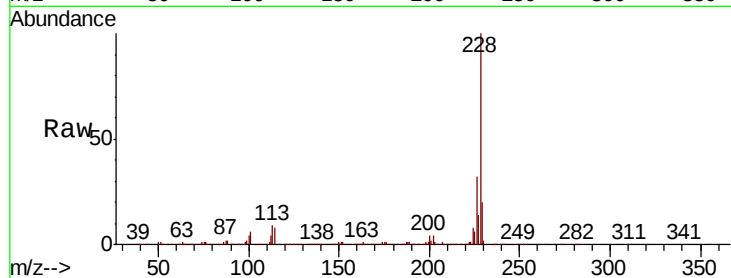
Tot Ion:228 Resp: 796588

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

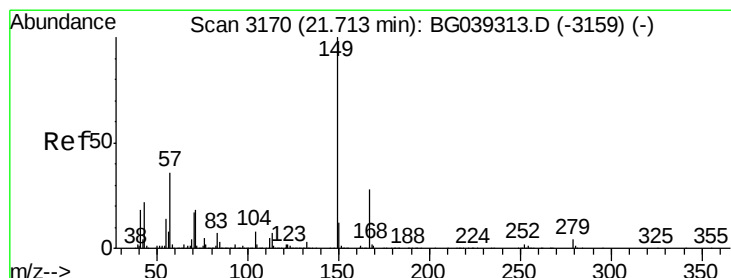
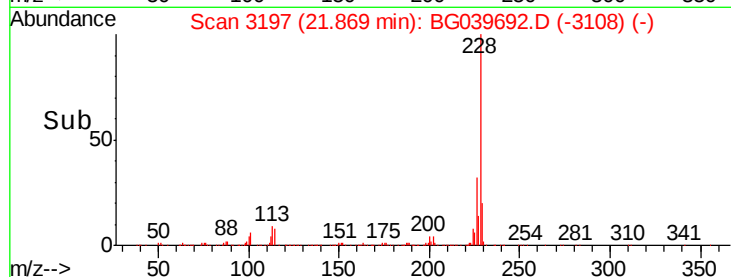
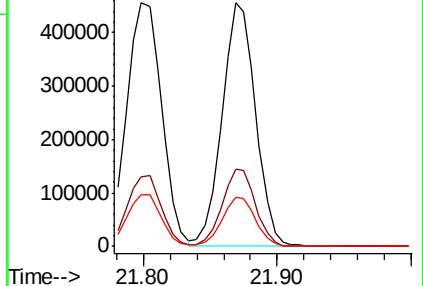
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.601 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

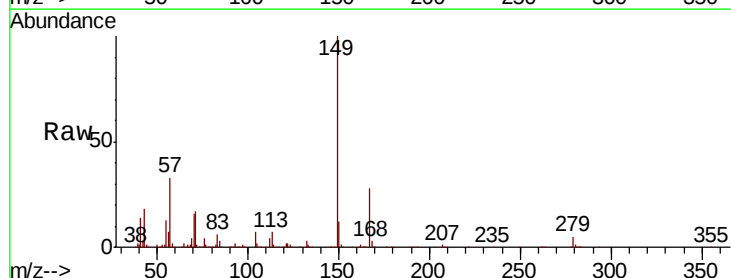
Tgt Ion:149 Resp: 514533

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

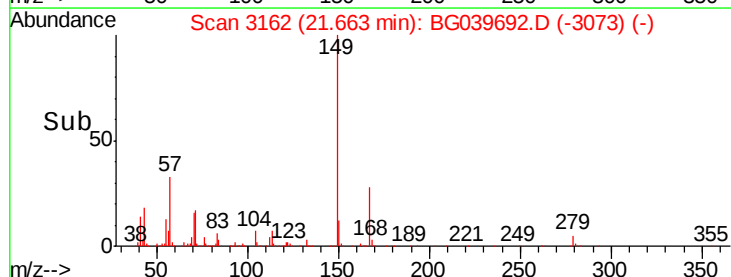
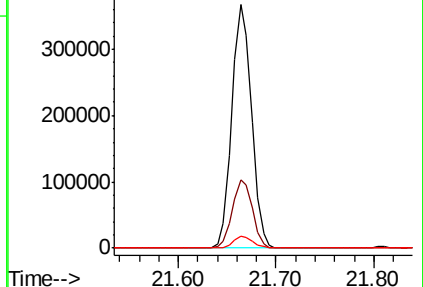
279 4.7 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.133 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

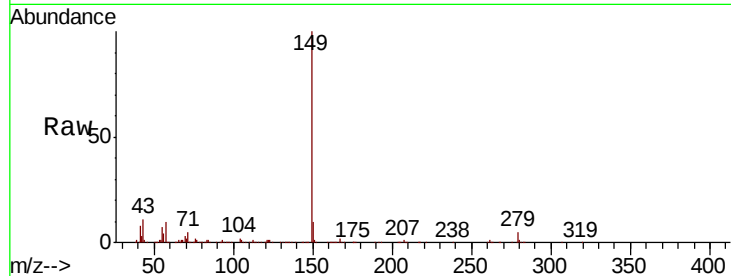
Tot Ion:149 Resp: 881357

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

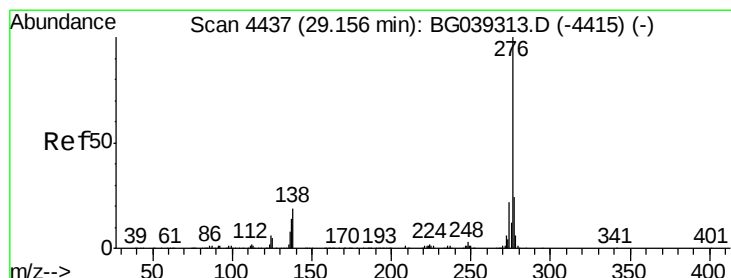
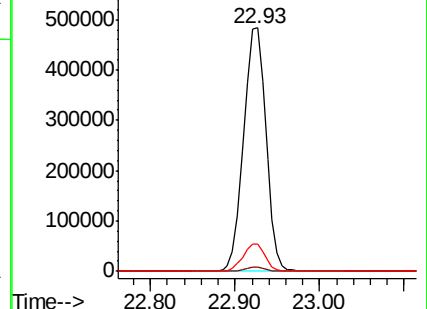
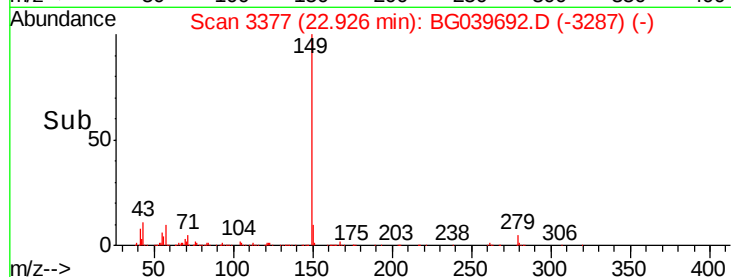
43 11.0 10.2 15.4



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: 46.933 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

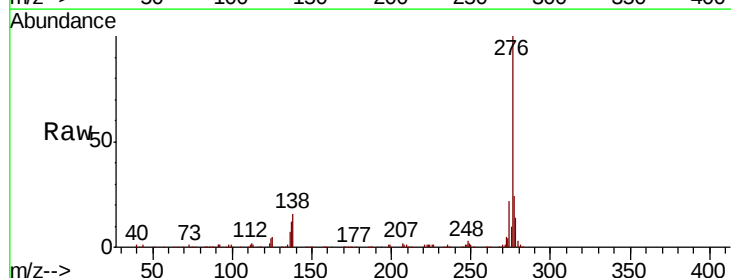
Tgt Ion:276 Resp: 935077

Ion Ratio Lower Upper

276 100

138 13.3 12.6 19.0

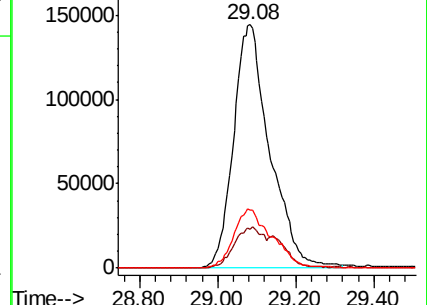
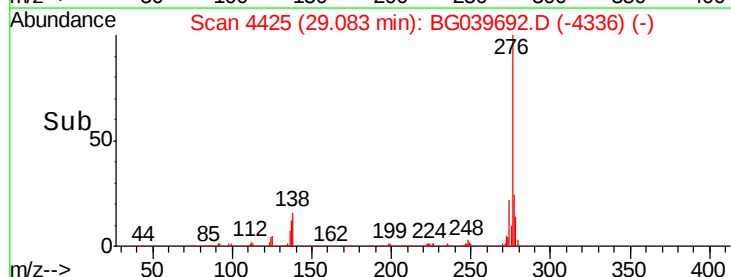
277 25.7 20.8 31.2



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: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

Instrument :

BNA_G

ClientSampleId :

PB117428BS

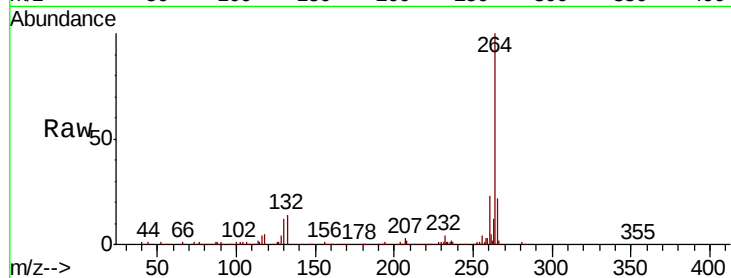
Tot Ion:264 Resp: 335884

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

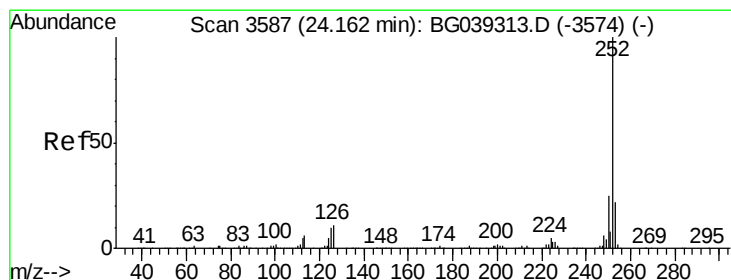
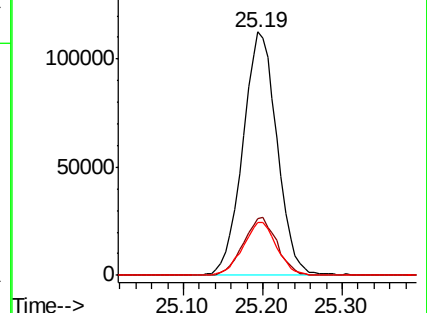
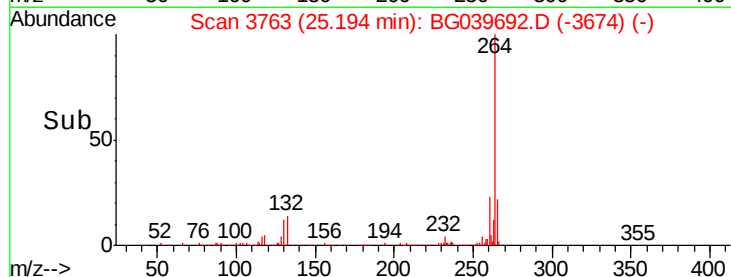
265 21.6 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.995 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039692.D

Acq: 1 Mar 2019 18:23

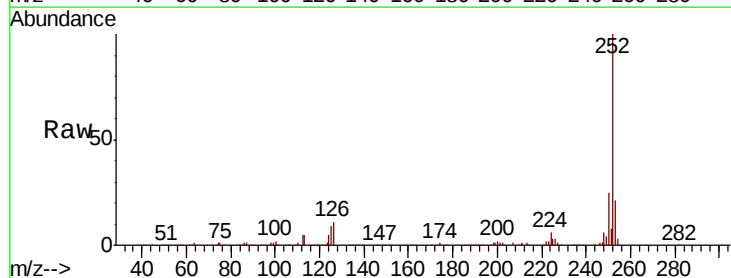
Tgt Ion:252 Resp: 824195

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

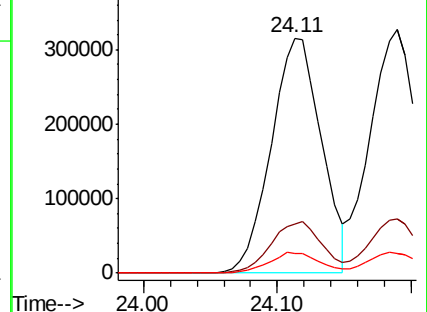
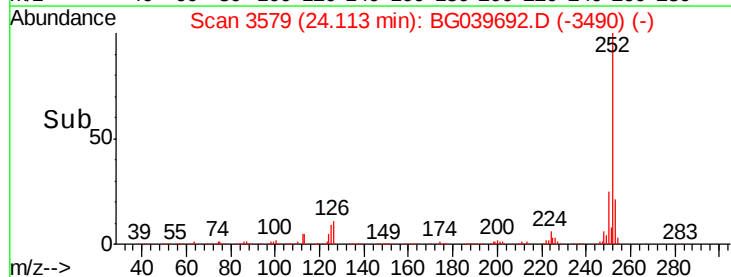
125 8.5 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

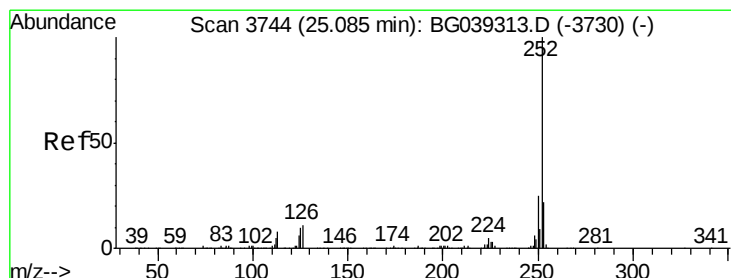
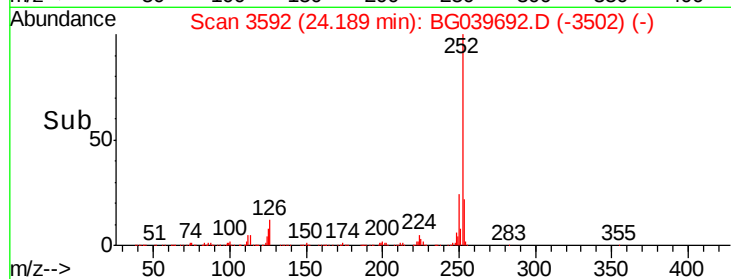
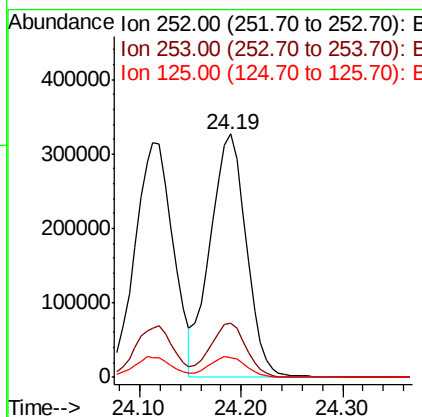
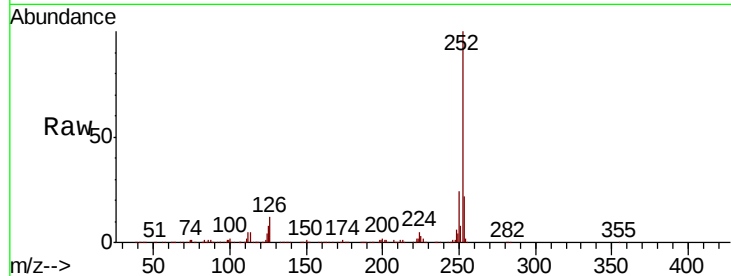




#89
Benzo(k)fluoranthene
Concen: 43.897 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

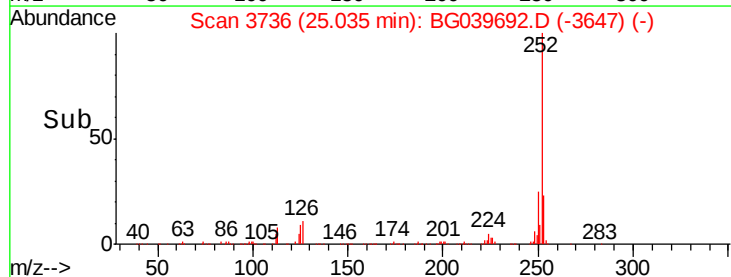
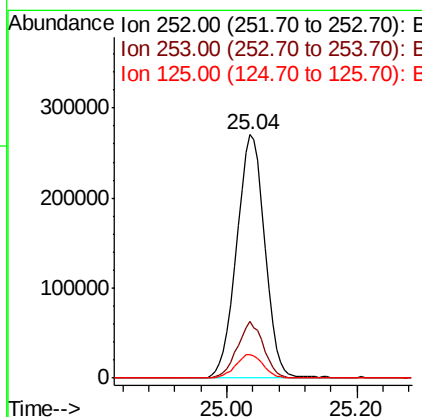
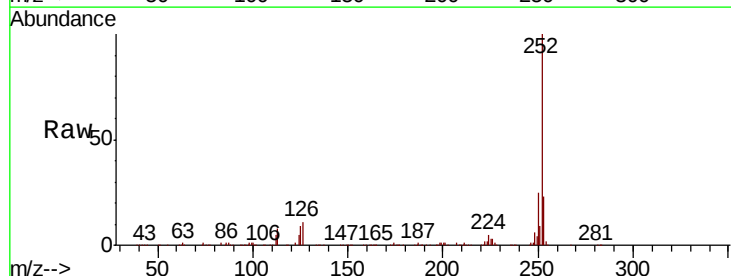
Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.2	7.4	11.2



#90
Benzo(a)pyrene
Concen: 45.973 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.5	8.3	12.5

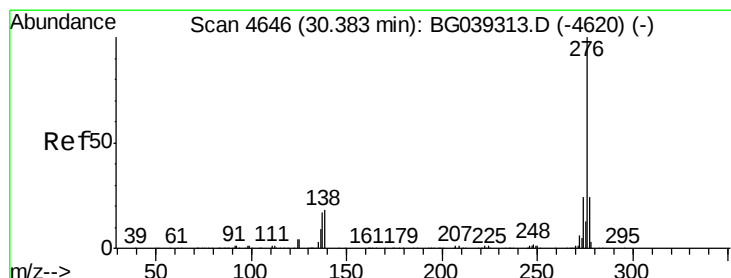
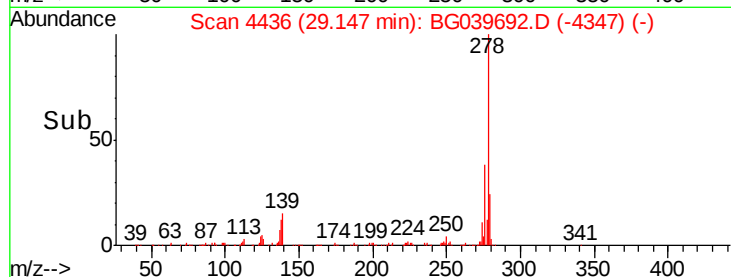
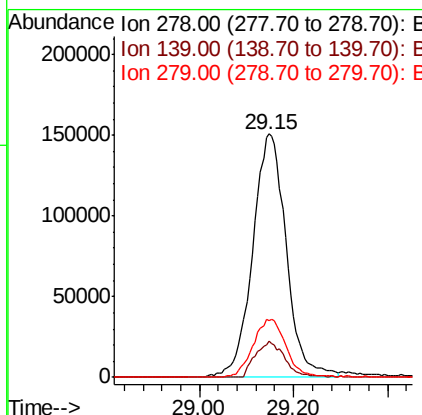
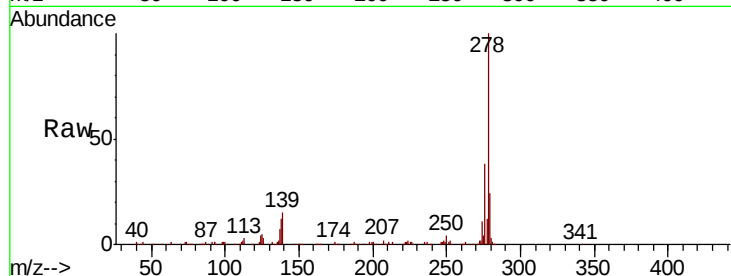




#91
Dibenzo(a,h)anthracene
Concen: 45.376 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.01 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:278 Resp: 749656
Ion Ratio Lower Upper
278 100
139 15.0 11.7 17.5
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.861 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BG039692.D
Acq: 1 Mar 2019 18:23

Tgt Ion:276 Resp: 755189
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 18.2 14.7 22.1

