

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039054.D
 Acq On : 10 Jan 2019 16:04
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:08:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27094	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	119184	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	91787	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	223061	20.00	ng	0.00
76) Chrysene-d12	21.70	240	190085	20.00	ng	0.00
87) Perylene-d12	24.98	264	205219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	112193	78.55	ng	0.00
7) Phenol-d6	7.19	99	176438	85.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	172470	79.18	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	122130	79.38	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	507762	75.71	ng	0.00
79) Terphenyl-d14	20.02	244	810566	78.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	20335	36.357	ng	96
3) Pyridine	3.87	79	60512	39.816	ng	96
4) n-Nitrosodimethylamine	3.79	42	28135	41.140	ng	# 91
6) Aniline	7.36	93	101751	41.219	ng	98
8) 2-Chlorophenol	7.59	128	68229	40.525	ng	97
9) Benzaldehyde	7.17	77	47007	39.656	ng	93
10) Phenol	7.22	94	88084	42.743	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	62491	39.676	ng	97
12) 1,3-Dichlorobenzene	7.91	146	78994	39.160	ng	98
13) 1,4-Dichlorobenzene	8.06	146	81025	39.661	ng	98
14) 1,2-Dichlorobenzene	8.38	146	79017	40.566	ng	99
15) Benzyl Alcohol	8.27	79	68305	44.127	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	122968	40.716	ng	98
17) 2-Methylphenol	8.47	107	61355	42.877	ng	97
18) Hexachloroethane	9.11	117	27848	40.123	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	58251	43.156	ng	97
20) 3+4-Methylphenols	8.80	107	88444	43.351	ng	98
22) Acetophenone	8.86	105	124162	39.891	ng	# 97
24) Nitrobenzene	9.25	77	85497	38.835	ng	99
25) Isophorone	9.76	82	150583	40.135	ng	99
26) 2-Nitrophenol	9.96	139	49136	41.263	ng	97
27) 2,4-Dimethylphenol	10.01	122	67678	40.397	ng	93
28) bis(2-Chloroethoxy)methane	10.25	93	91099	40.401	ng	98
29) 2,4-Dichlorophenol	10.49	162	89162	42.840	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	98737	39.483	ng	99
31) Naphthalene	10.90	128	235257	39.356	ng	98
32) Benzoic acid	10.18	122	34966	36.703	ng	90
33) 4-Chloroaniline	11.02	127	109162	40.812	ng	98
34) Hexachlorobutadiene	11.15	225	67085	38.987	ng	97
35) Caprolactam	11.82	113	35511	42.549	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	94436	42.423	ng	92
37) 2-Methylnaphthalene	12.50	142	182063	40.624	ng	100
38) 1-Methylnaphthalene	12.72	142	176300	40.984	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133647	38.770	ng	100

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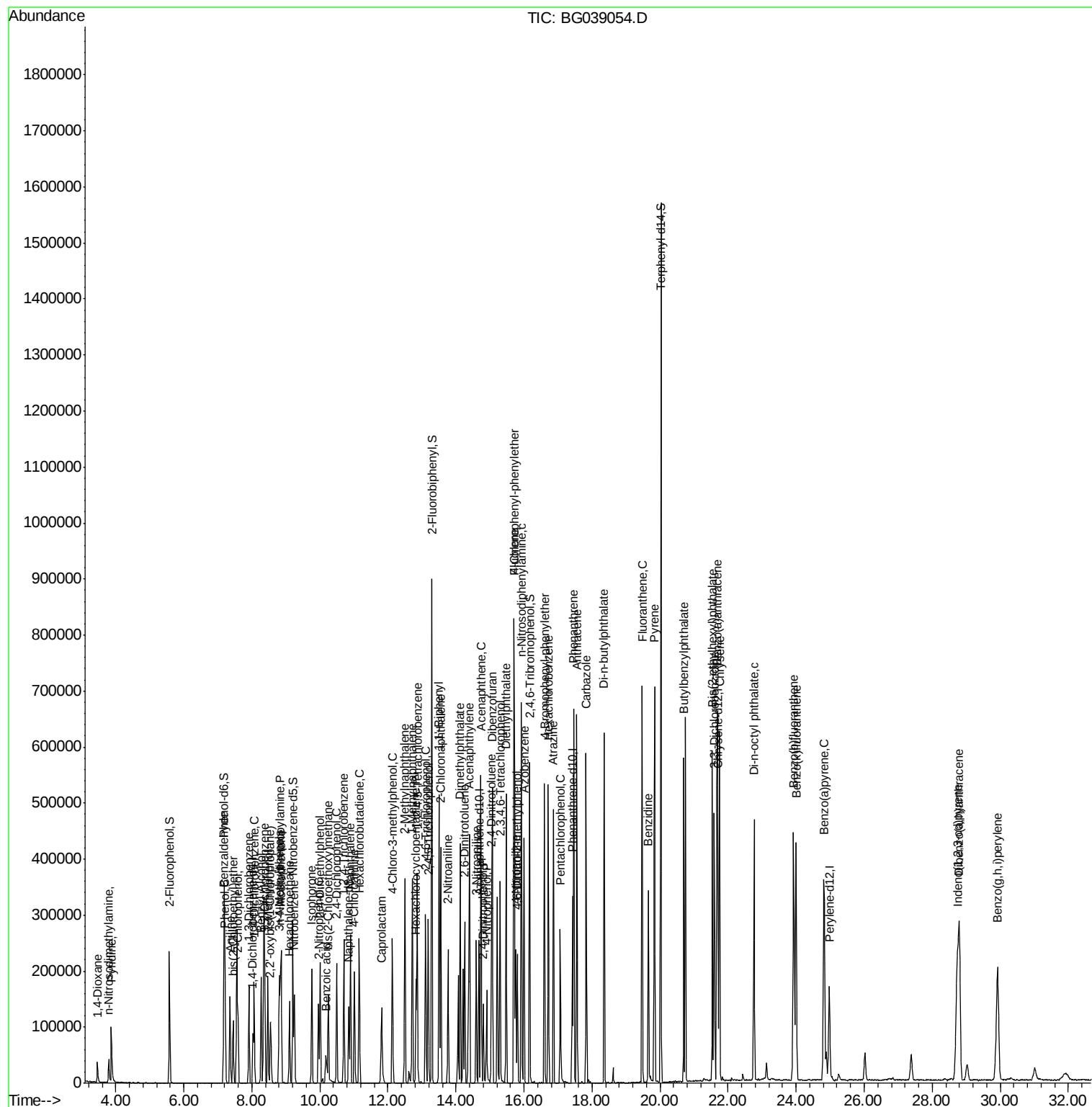
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	60081	34.463	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	88224	40.665	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	93230	40.658	ng	98
46) 1,1'-Biphenyl	13.50	154	281839	38.751	ng	99
47) 2-Chloronaphthalene	13.55	162	225198	38.263	ng	97
48) 2-Nitroaniline	13.77	65	67781	41.108	ng	97
49) Acenaphthylene	14.40	152	345840	39.094	ng	99
50) Dimethylphthalate	14.13	163	301849	38.916	ng	100
51) 2,6-Dinitrotoluene	14.25	165	67188	38.744	ng	99
52) Acenaphthene	14.74	154	206409	38.835	ng	96
53) 3-Nitroaniline	14.60	138	67797	38.539	ng	97
54) 2,4-Dinitrophenol	14.80	184	40951	42.225	ng	94
55) Dibenzofuran	15.07	168	365100	38.894	ng	98
56) 4-Nitrophenol	14.90	139	44925	35.492	ng	97
57) 2,4-Dinitrotoluene	15.04	165	97806	39.312	ng	95
58) Fluorene	15.72	166	276523	39.135	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	89594	41.392	ng	97
60) Diethylphthalate	15.48	149	310361	38.836	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	181194	40.704	ng	97
62) 4-Nitroaniline	15.76	138	70435	38.434	ng	96
63) Azobenzene	16.00	77	244096	39.058	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	62325	37.714	ng	95
66) n-Nitrosodiphenylamine	15.92	169	273020	41.288	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	123463	43.058	ng	93
68) Hexachlorobenzene	16.72	284	126733	40.505	ng	96
69) Atrazine	16.87	200	110523	39.344	ng	98
70) Pentachlorophenol	17.07	266	63866	36.442	ng	98
71) Phenanthrene	17.46	178	458580	38.895	ng	99
72) Anthracene	17.56	178	453461	38.899	ng	99
73) Carbazole	17.83	167	421324	36.611	ng	98
74) Di-n-butylphthalate	18.36	149	473643	36.997	ng	99
75) Fluoranthene	19.47	202	497464	34.035	ng	99
77) Benzidine	19.65	184	217113	37.343	ng	100
78) Pyrene	19.84	202	491807	40.599	ng	99
80) Butylbenzylphthalate	20.70	149	183966	39.929	ng	98
81) Benzo(a)anthracene	21.68	228	457968	39.578	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	188763	40.037	ng	100
83) Chrysene	21.75	228	435168	39.541	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	259843	40.617	ng	96
85) Di-n-octyl phthalate	22.76	149	441192	40.785	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	533717	40.586	ng	100
88) Benzo(b)fluoranthene	23.93	252	459219	40.582	ng	100
89) Benzo(k)fluoranthene	24.00	252	455088	40.676	ng	99
90) Benzo(a)pyrene	24.82	252	447040	40.872	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	443320	40.749	ng	100
92) Benzo(g,h,i)perylene	29.92	276	437073	40.581	ng	97

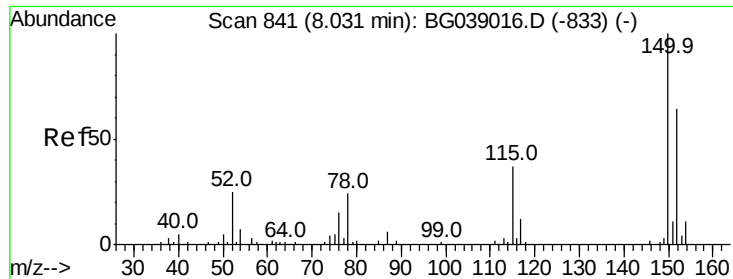
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc :
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Instrument :
 BNA_G
 ClientSampled :

Quant Time: Jan 11 05:08:42 2019
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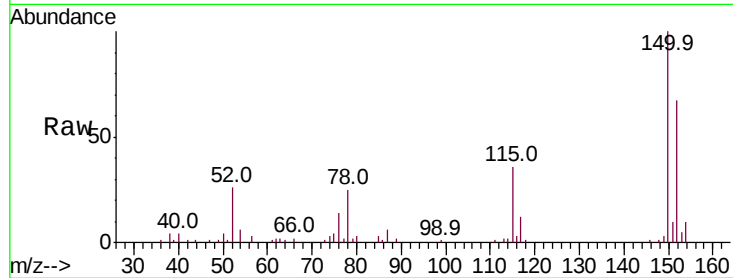


#1

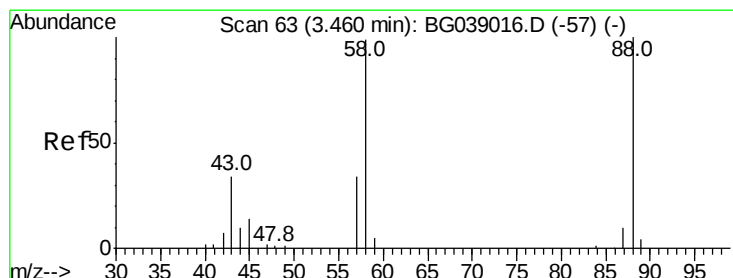
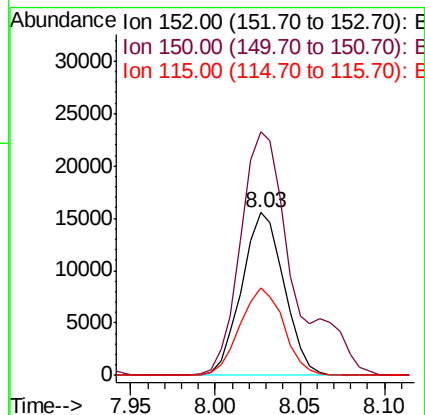
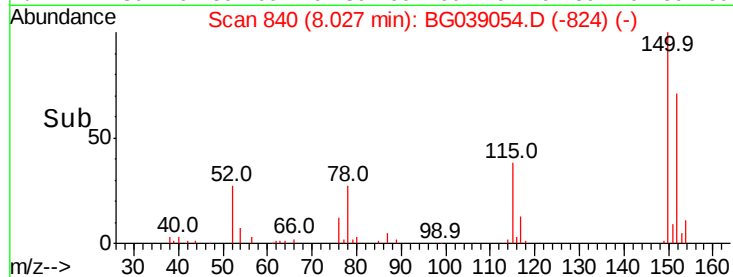
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27094
Ion Ratio Lower Upper
152 100
150 149.9 124.7 187.1
115 53.7 46.5 69.7



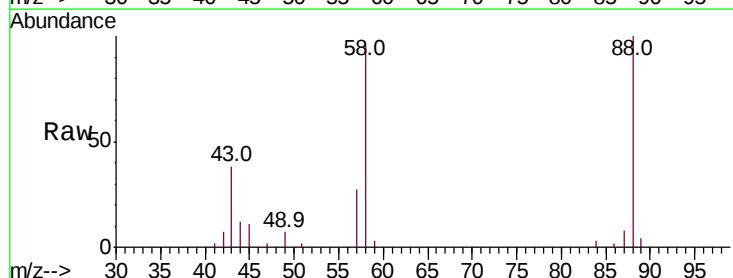
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



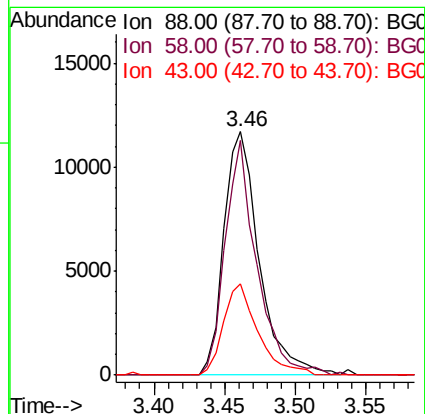
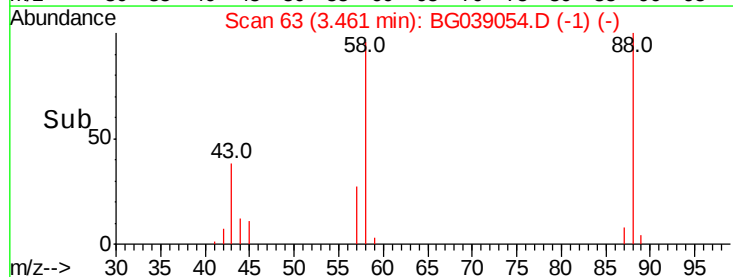
#2

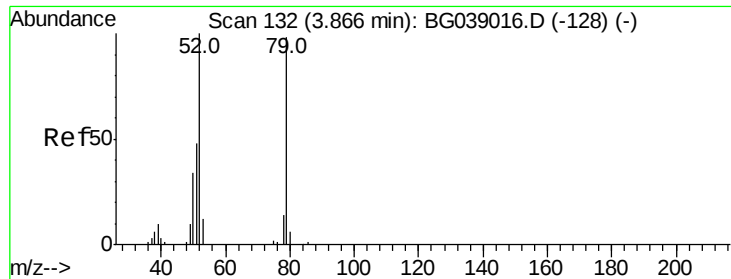
1,4-Dioxane
Concen: 36.357 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion: 88 Resp: 20335
Ion Ratio Lower Upper
88 100
58 86.3 72.4 108.6
43 36.8 27.6 41.4



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





#3

Pvridine

Concen: 39.816 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

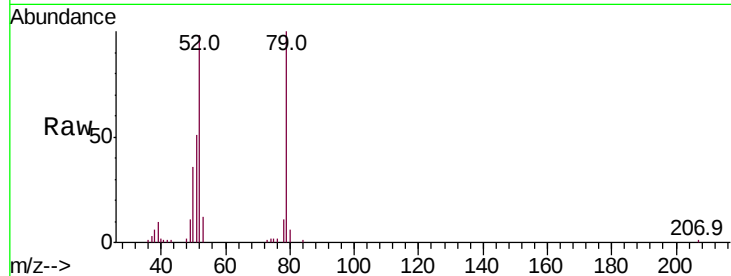
Tot Ion: 79 Resp: 60512

Ion Ratio Lower Upper

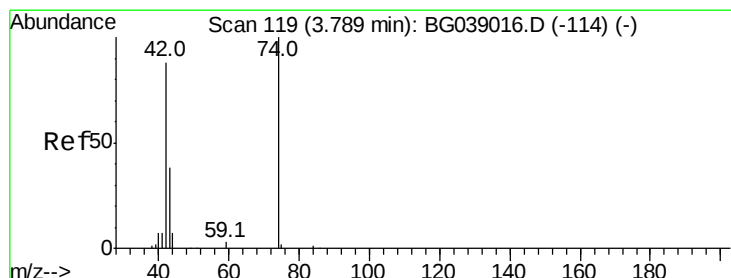
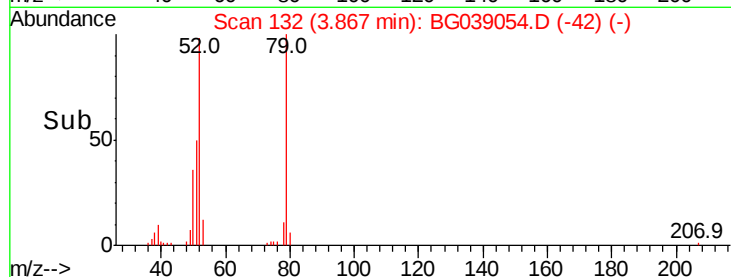
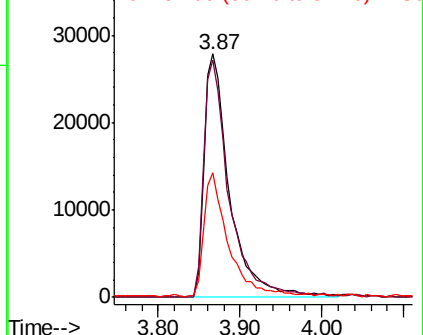
79 100

52 97.5 81.5 122.3

51 51.2 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 41.140 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

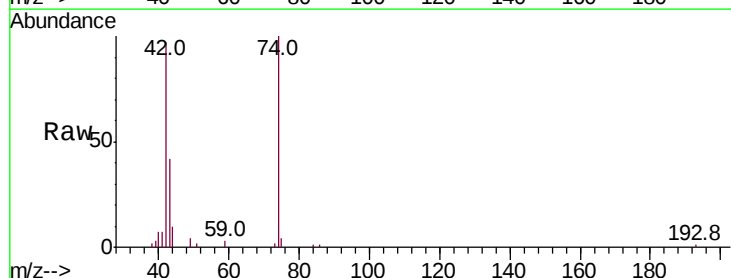
Tgt Ion: 42 Resp: 28135

Ion Ratio Lower Upper

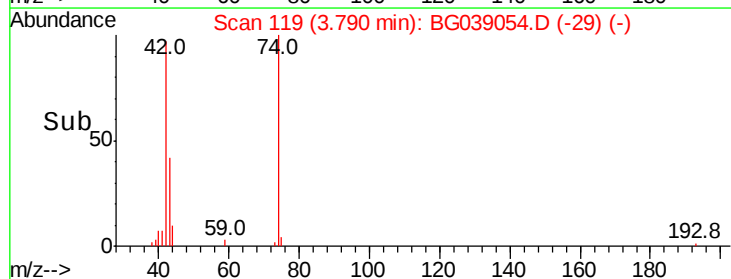
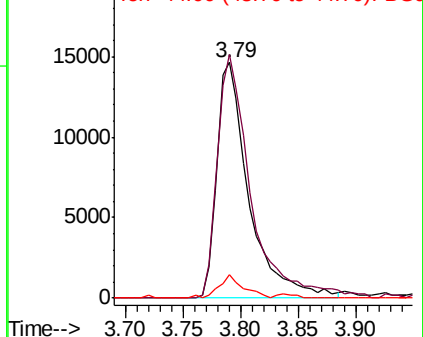
42 100

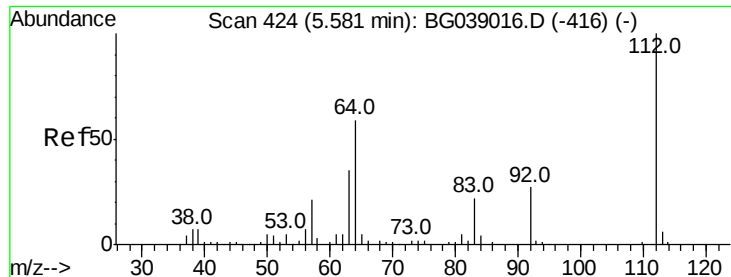
74 103.3 90.7 136.1

44 10.1 6.5 9.7#



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





#5

2-Fluorophenol

Concen: 78.552 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampled :

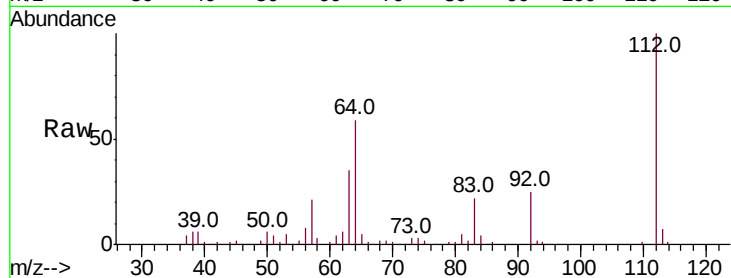
Tot Ion:112 Resp: 112193

Ion Ratio Lower Upper

112 100

64 59.0 47.0 70.6

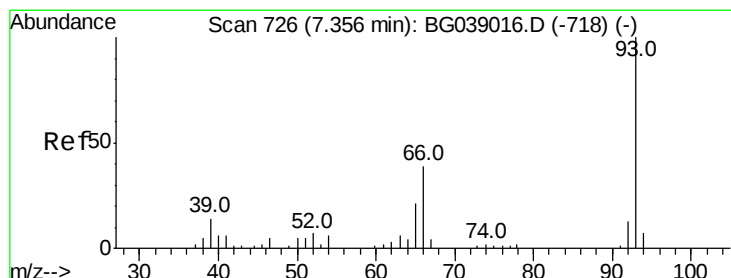
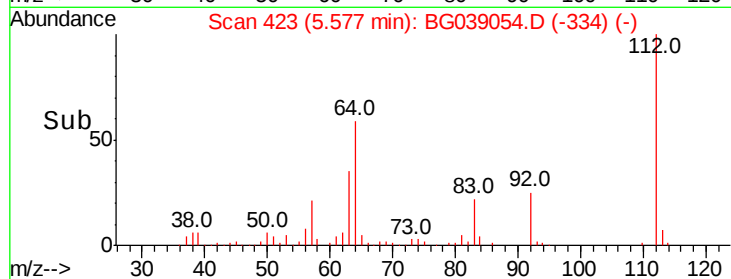
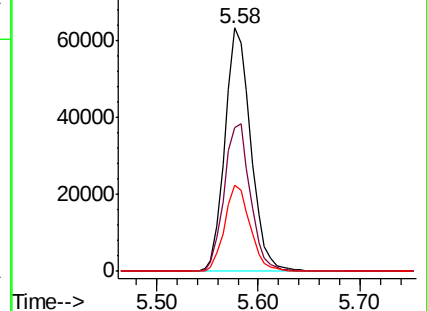
63 35.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.219 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

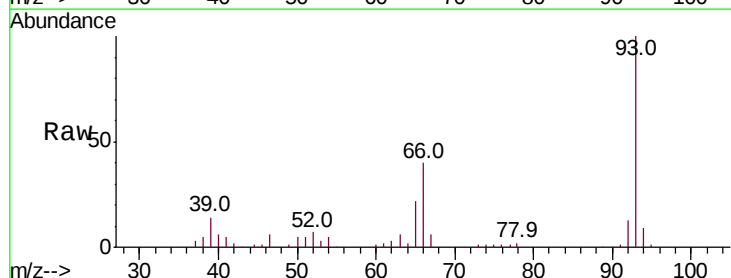
Tgt Ion: 93 Resp: 101751

Ion Ratio Lower Upper

93 100

66 39.8 30.9 46.3

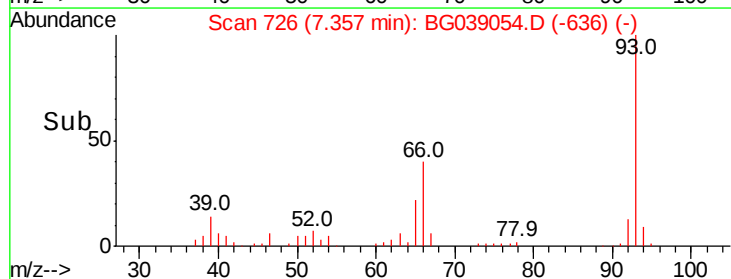
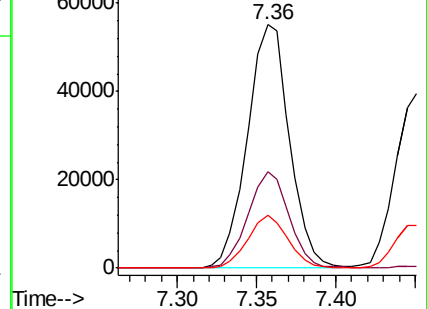
65 21.9 17.0 25.4

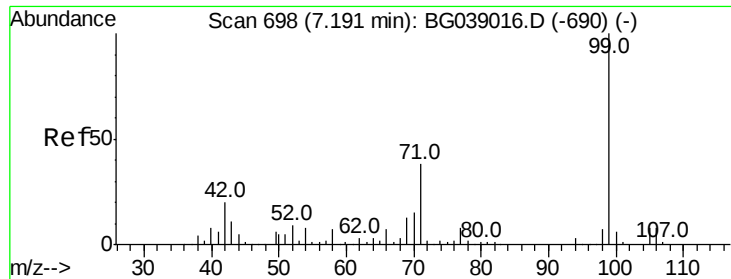


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.838 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampled :

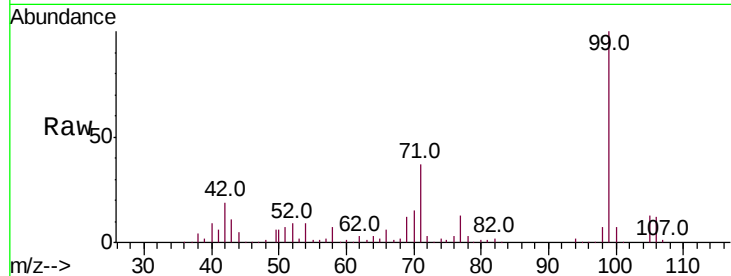
Tot Ion: 99 Resp: 176438

Ion Ratio Lower Upper

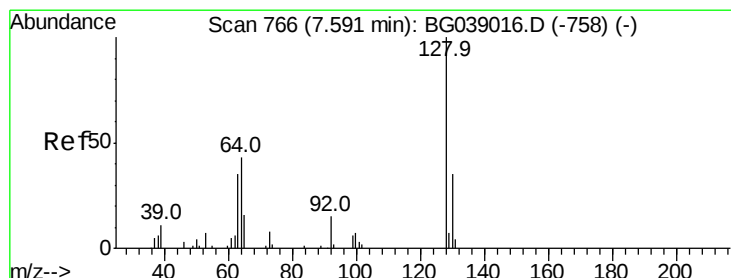
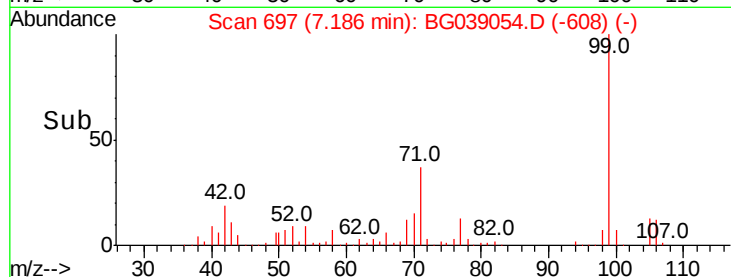
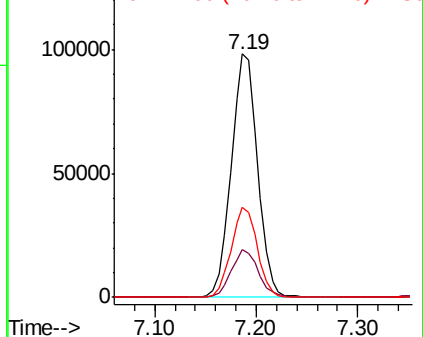
99 100

42 19.4 15.8 23.6

71 36.8 30.2 45.4



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



#8

2-Chlorophenol

Concen: 40.525 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

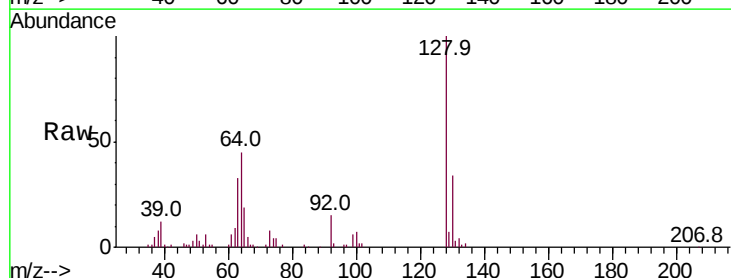
Tgt Ion: 128 Resp: 68229

Ion Ratio Lower Upper

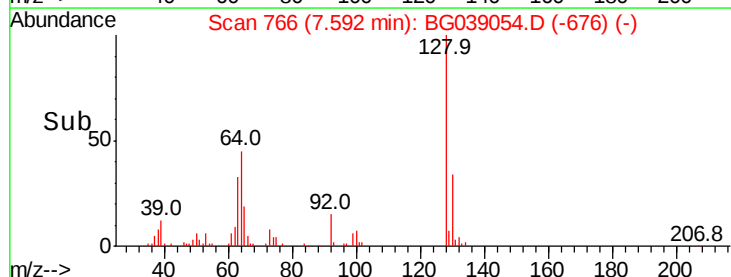
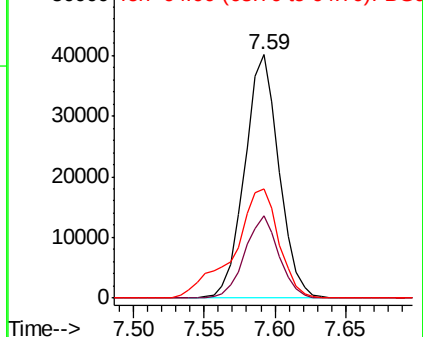
128 100

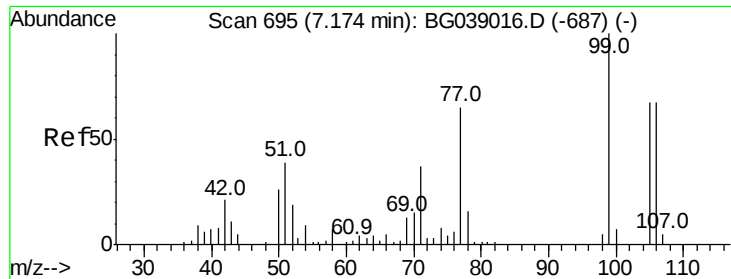
130 33.8 14.5 54.5

64 44.8 27.3 67.3



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





#9

Benzaldehyde

Concen: 39.656 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

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Acq: 10 Jan 2019 16:04

Instrument :

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ClientSampled :

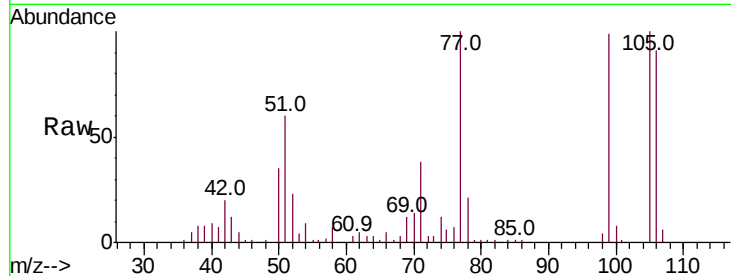
Tot Ion: 77 Resp: 47007

Ion Ratio Lower Upper

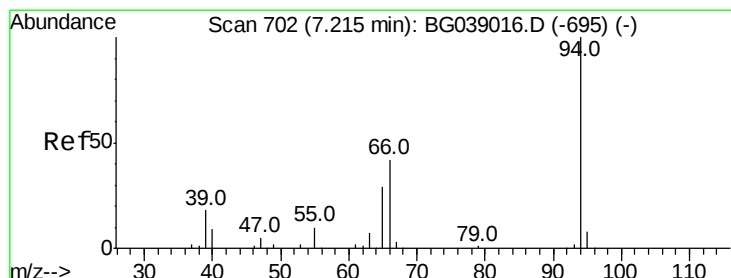
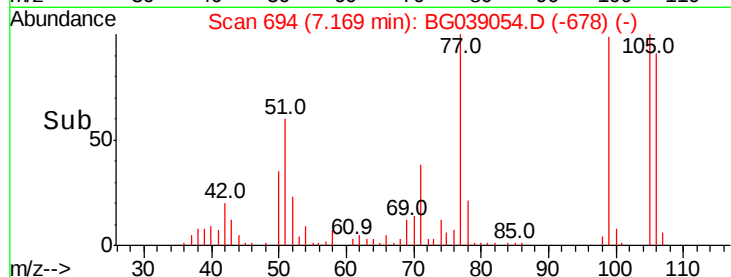
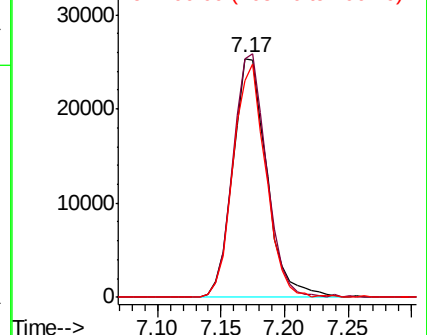
77 100

105 99.8 82.4 122.4

106 90.6 82.8 122.8



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



#10

Phenol

Concen: 42.743 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

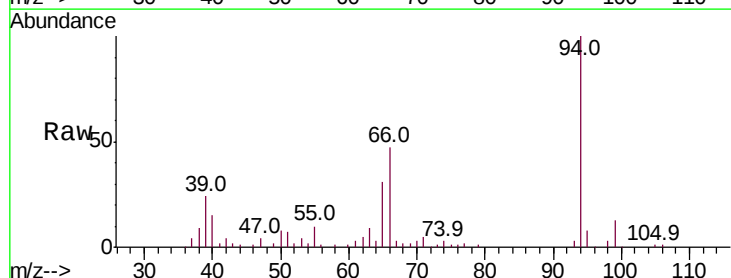
Tgt Ion: 94 Resp: 88084

Ion Ratio Lower Upper

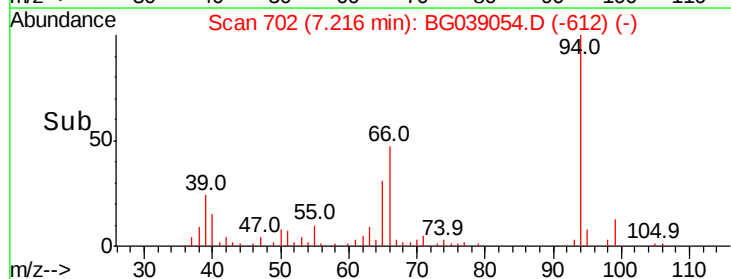
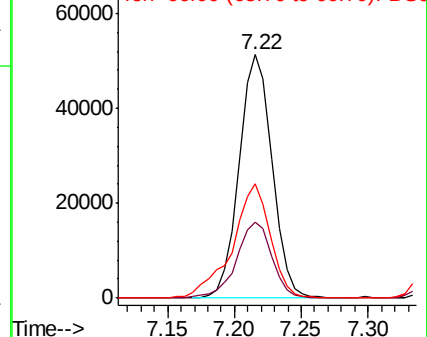
94 100

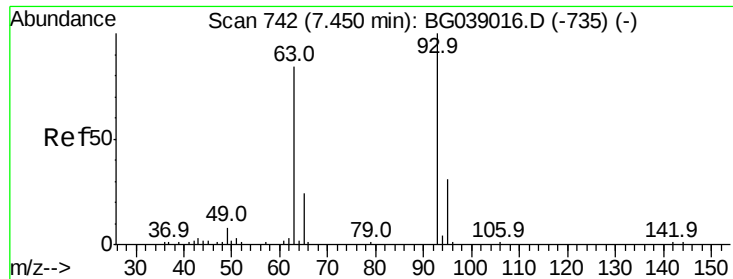
65 31.2 10.3 50.3

66 46.8 25.1 65.1



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



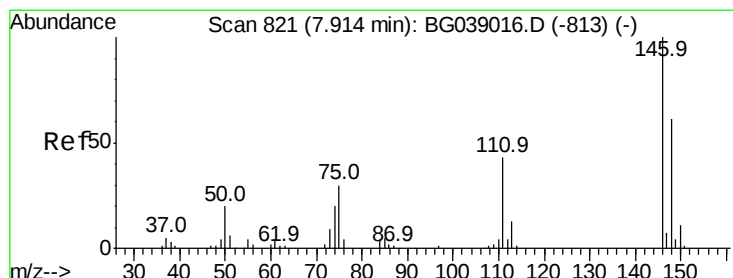
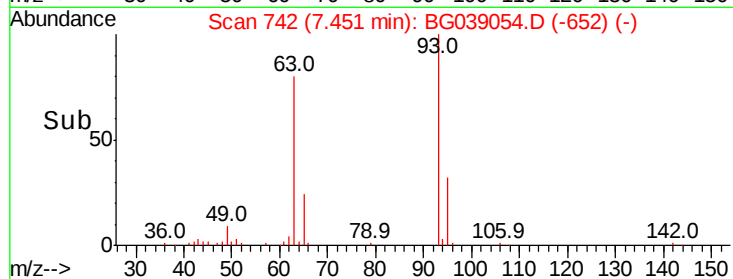
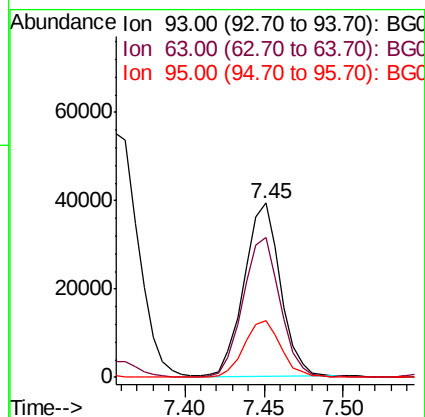
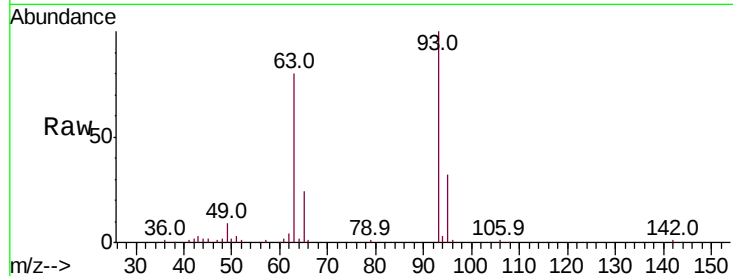


#11

bis(2-Chloroethyl)ether
Concen: 39.676 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

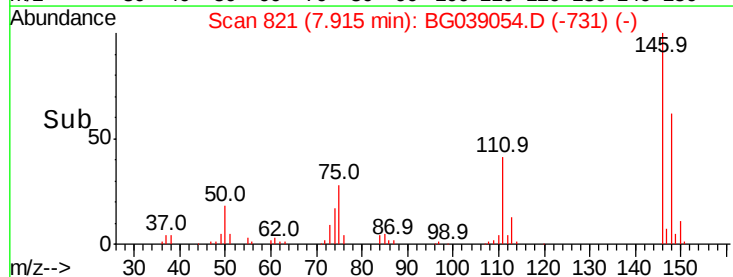
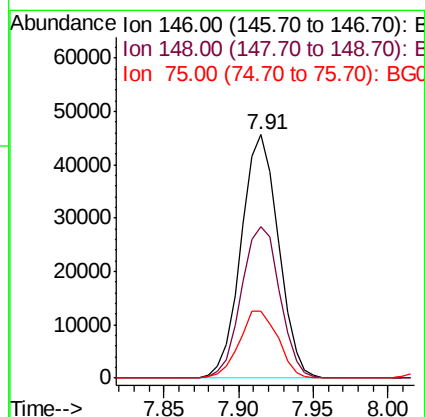
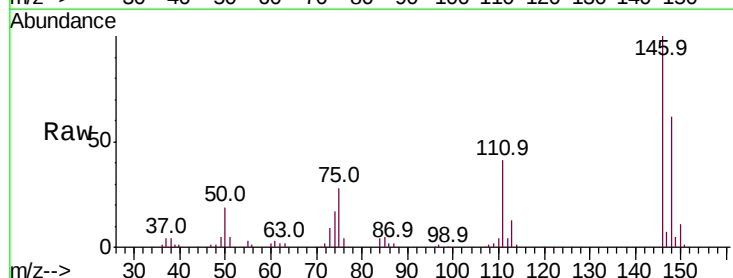
Tot Ion: 93 Resp: 62491
Ion Ratio Lower Upper
93 100
63 80.3 63.2 103.2
95 32.4 11.2 51.2

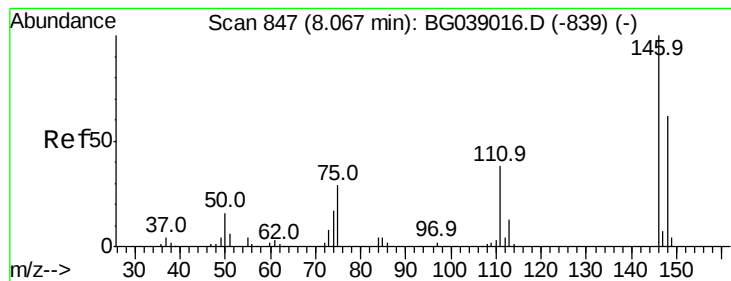


#12

1,3-Dichlorobenzene
Concen: 39.160 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion: 146 Resp: 78994
Ion Ratio Lower Upper
146 100
148 62.4 49.1 73.7
75 27.7 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.661 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

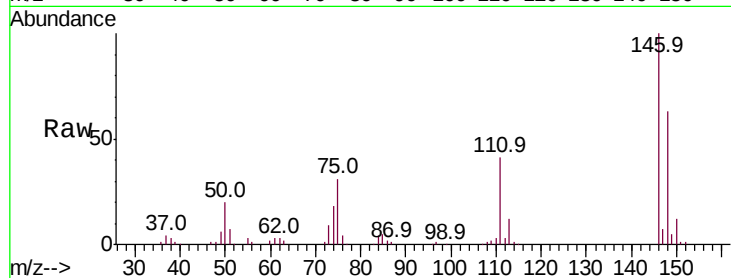
Tot Ion:146 Resp: 81025

Ion Ratio Lower Upper

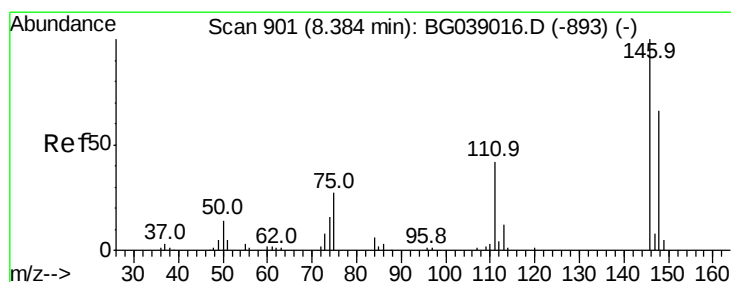
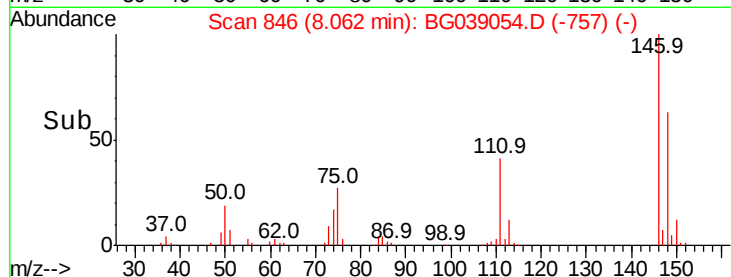
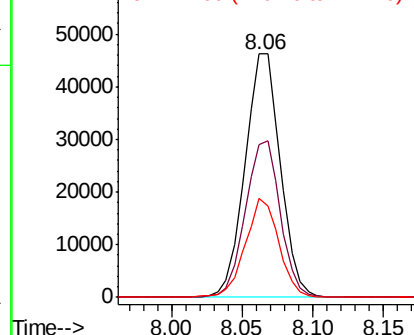
146 100

148 63.0 49.8 74.6

111 40.7 30.6 45.8



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



#14

1,2-Dichlorobenzene

Concen: 40.566 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

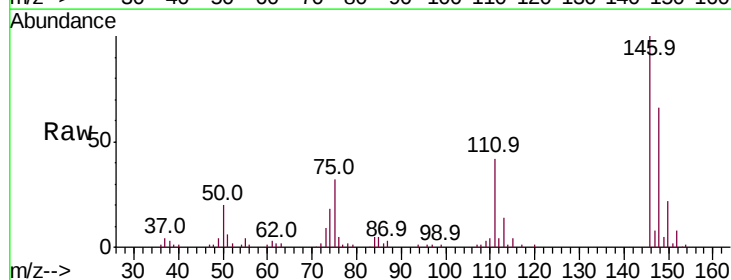
Tgt Ion:146 Resp: 79017

Ion Ratio Lower Upper

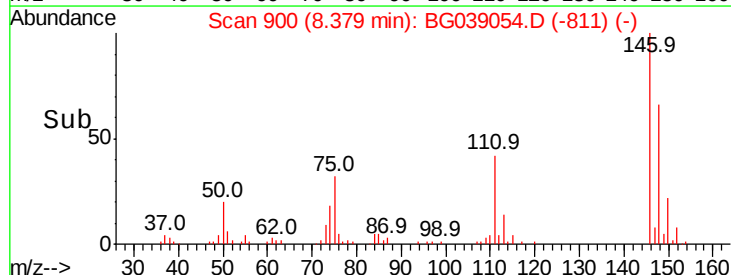
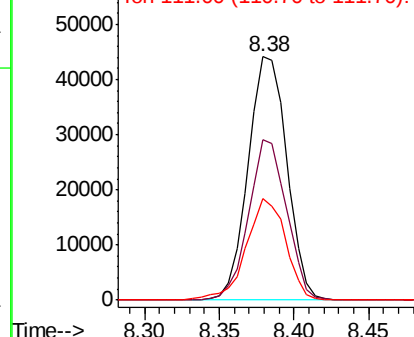
146 100

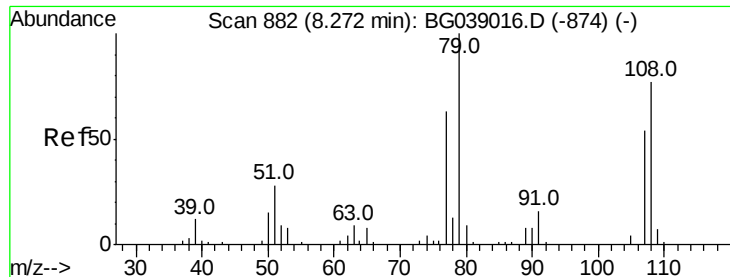
148 65.8 52.6 79.0

111 41.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.127 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampled :

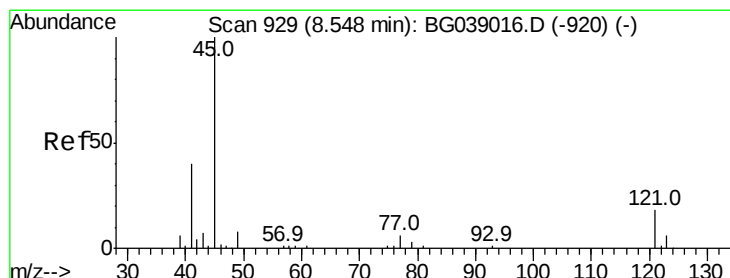
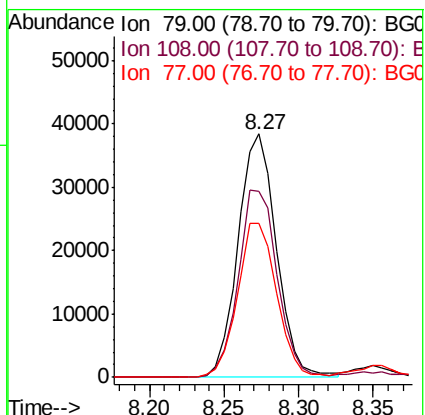
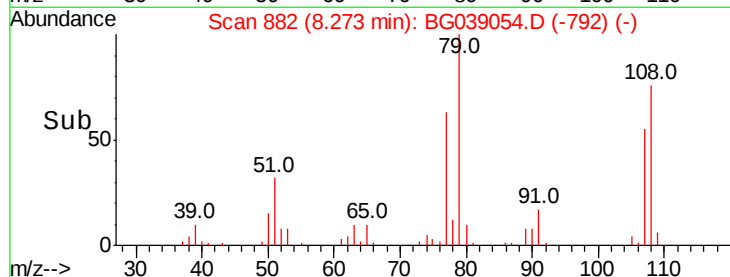
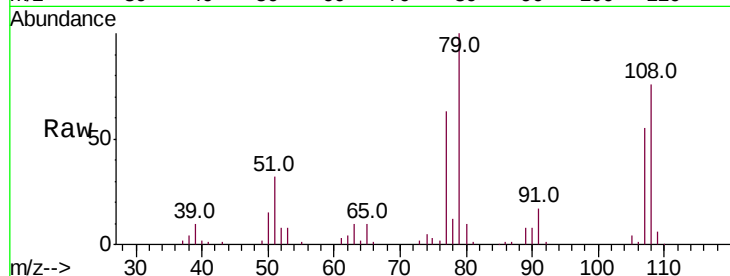
Tot Ion: 79 Resp: 68305

Ion Ratio Lower Upper

79 100

108 76.2 62.0 93.0

77 63.0 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.716 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

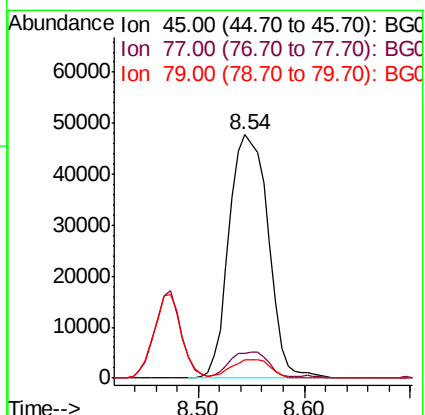
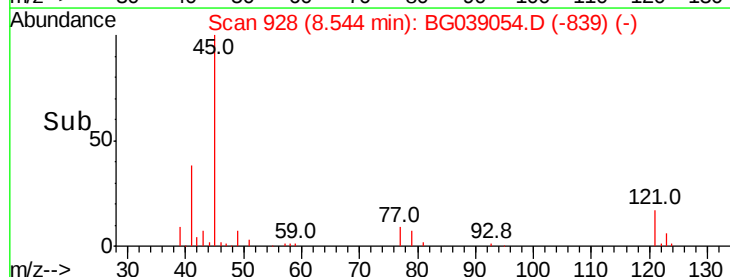
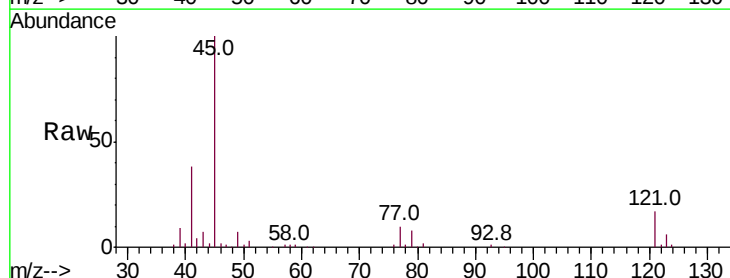
Tgt Ion: 45 Resp: 122968

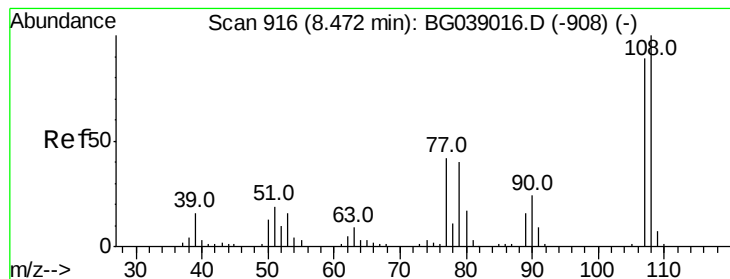
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.7

79 7.7 0.0 28.5

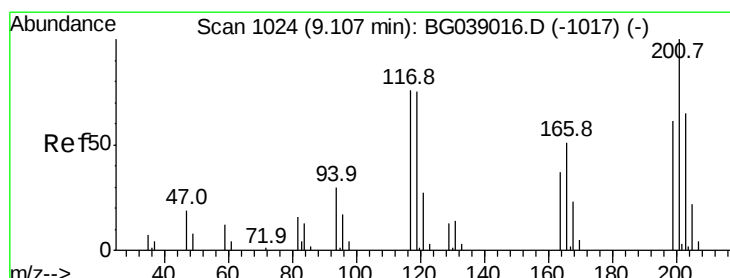
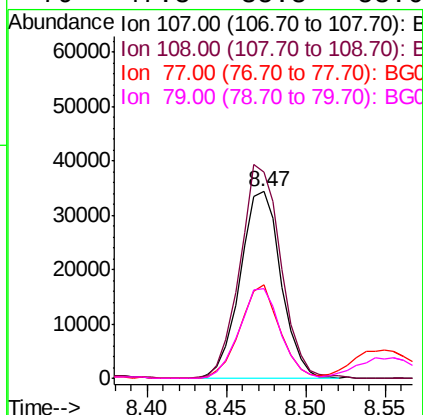
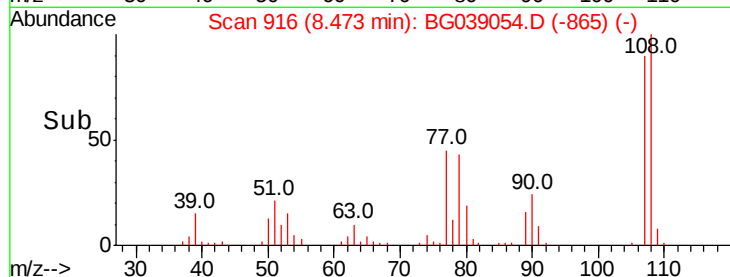
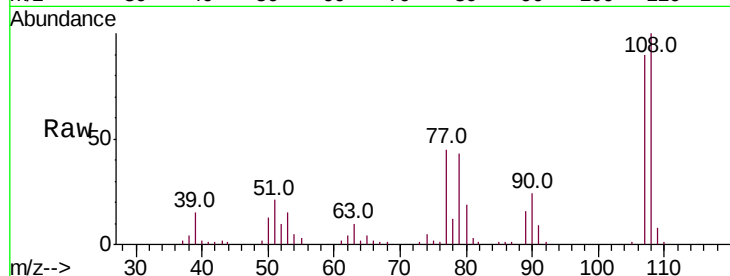




#17
2-Methylphenol
Concen: 42.877 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

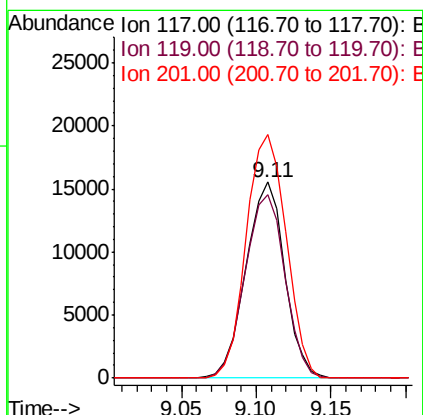
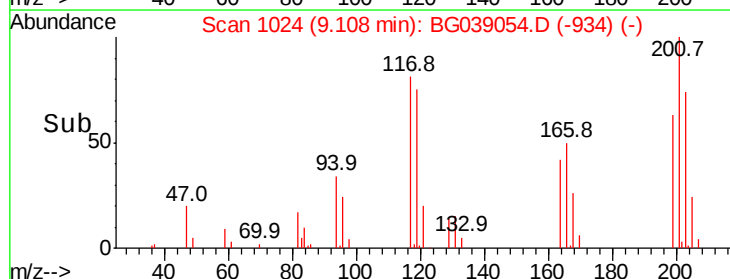
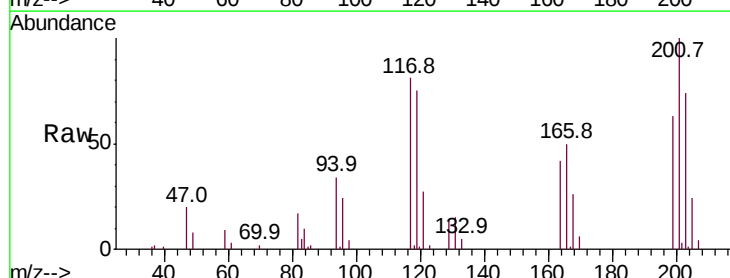
Instrument :
BNA_G
ClientSampleId :

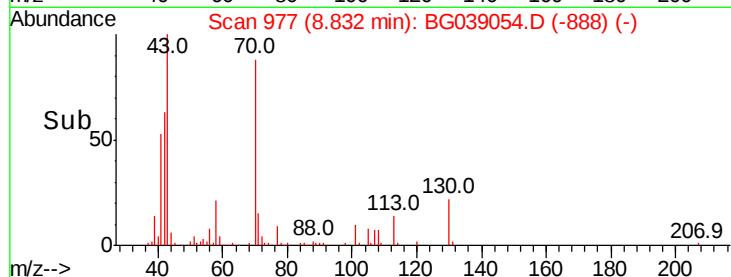
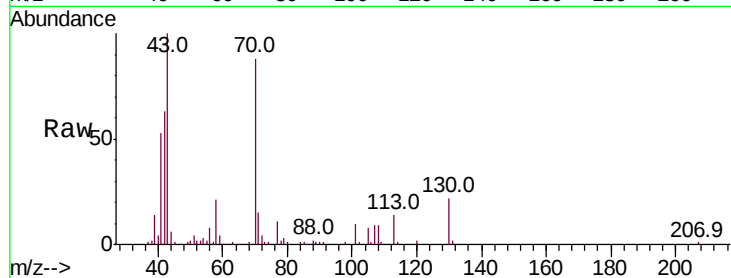
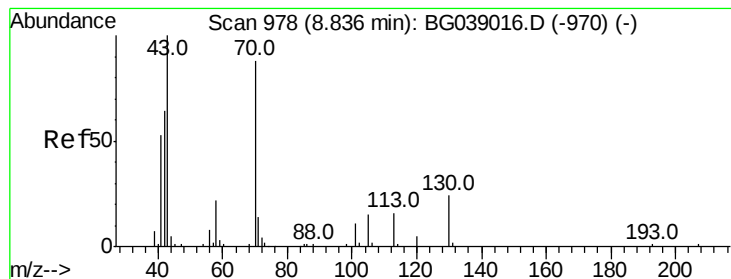
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.3	135.5
77	50.1	38.3	57.5
79	47.8	35.8	53.6



#18
Hexachloroethane
Concen: 40.123 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.7	118.1
201	124.1	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.156 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 58251

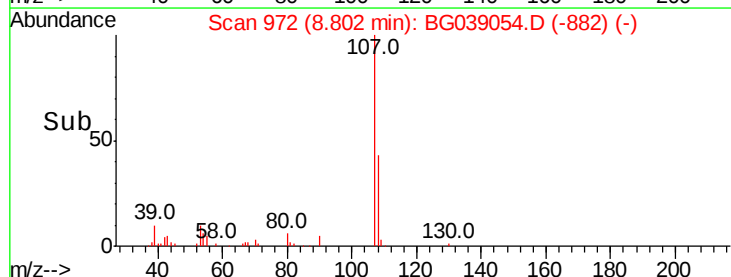
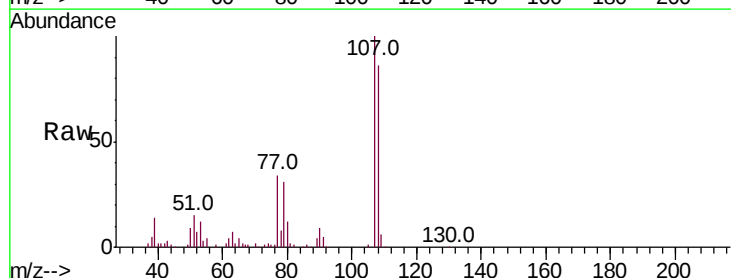
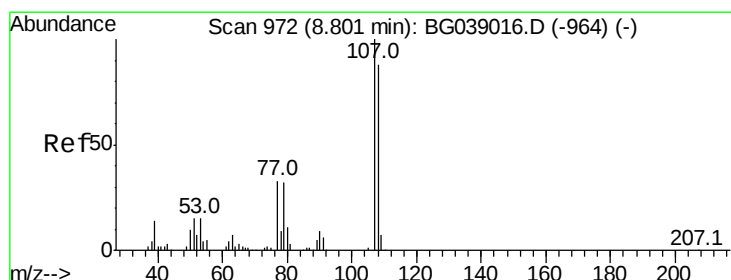
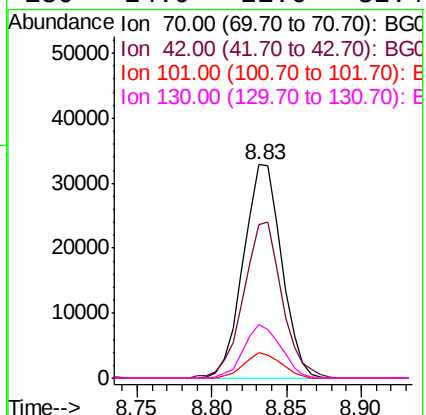
Ion Ratio Lower Upper

70 100

42 71.9 59.0 88.4

101 11.9 10.4 15.6

130 24.9 21.6 32.4



#20

3+4-Methylphenols

Concen: 43.351 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion: 107 Resp: 88444

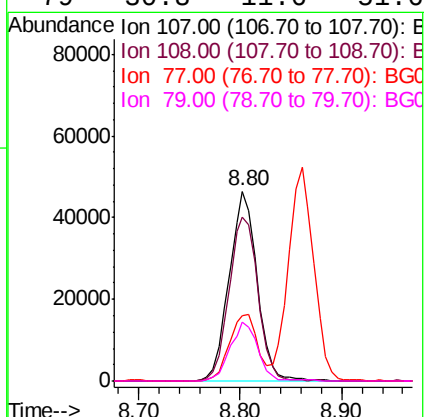
Ion Ratio Lower Upper

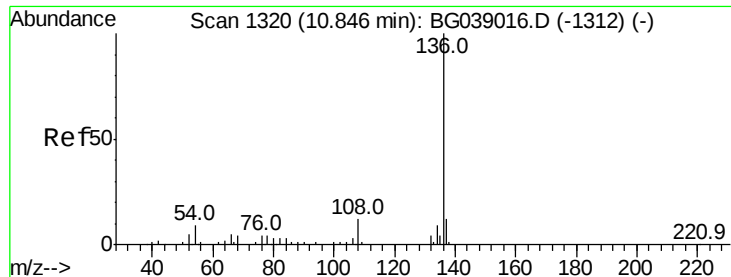
107 100

108 86.5 68.4 108.4

77 34.2 13.3 53.3

79 30.8 11.6 51.6

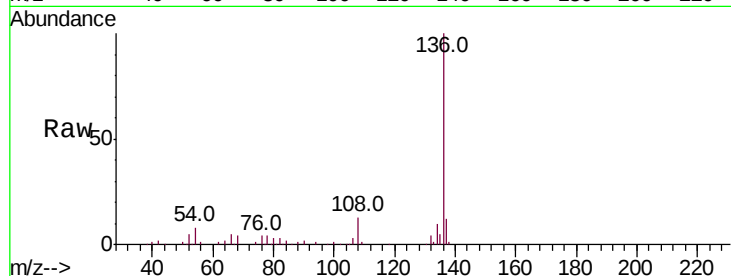




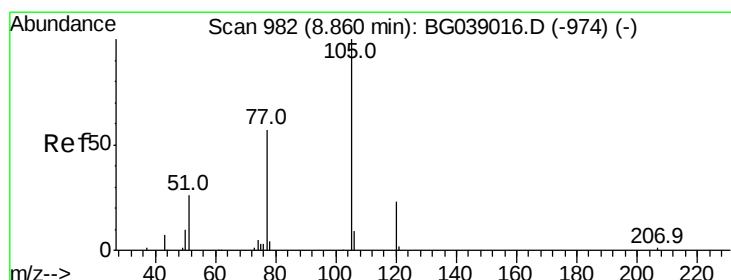
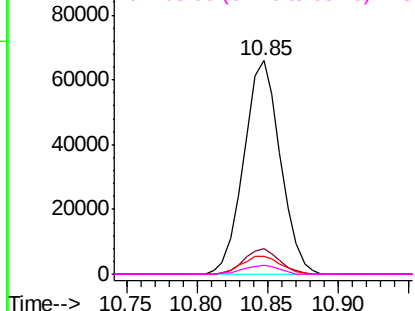
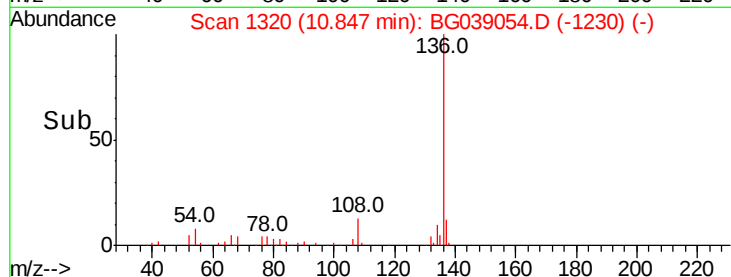
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119184
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.4 14.2
54	8.5	7.2 10.8
68	4.1	3.5 5.3

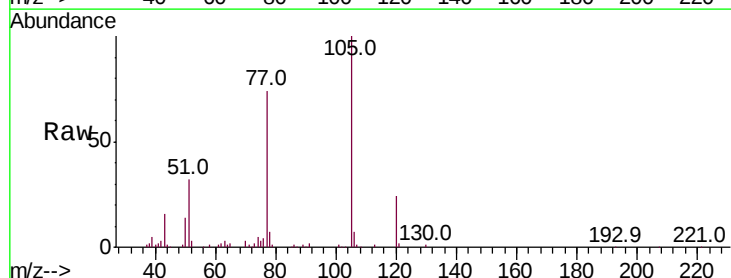


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

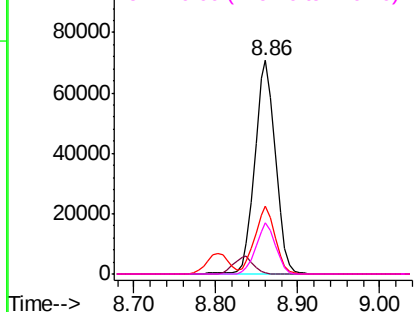
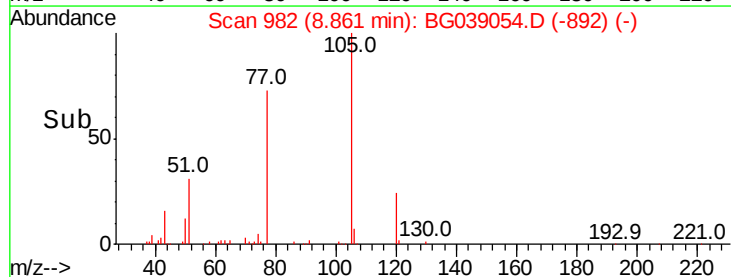


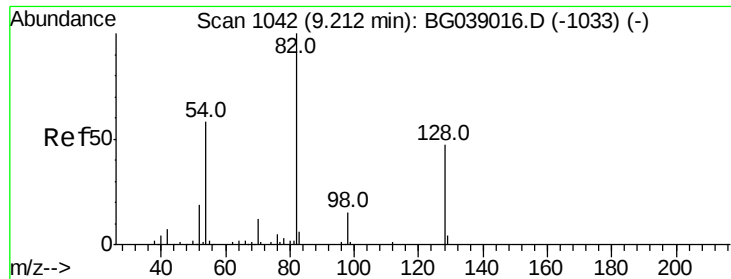
#22
Acetophenone
Concen: 39.891 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:105	Resp:	124162
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	31.7	26.6 39.8
120	24.2	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

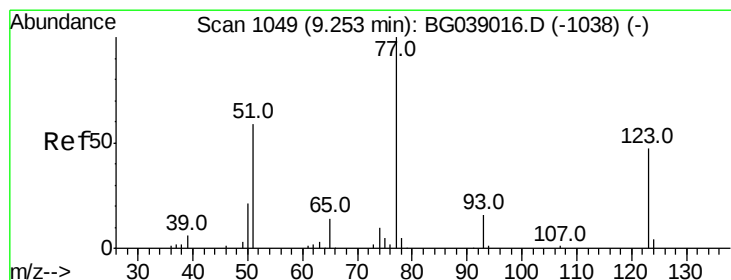
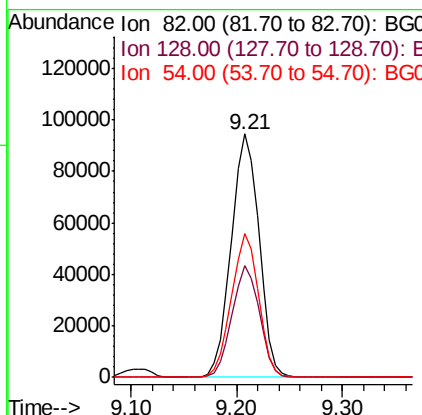
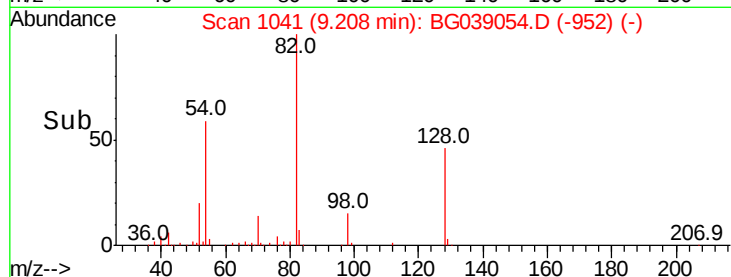
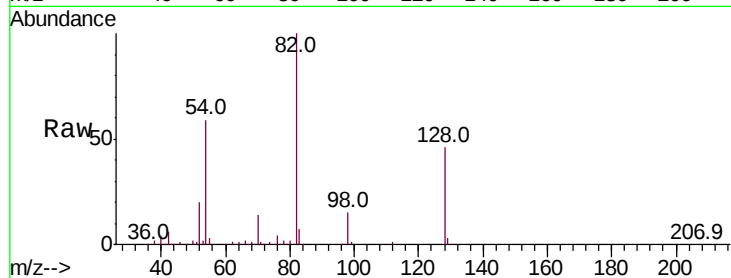




#23
Nitrobenzene-d5
Concen: 79.184 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

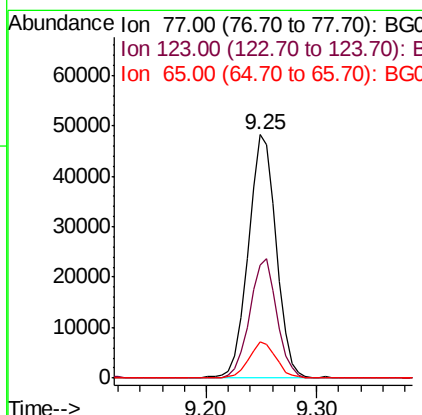
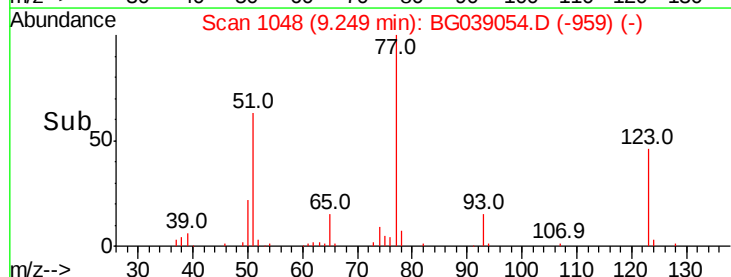
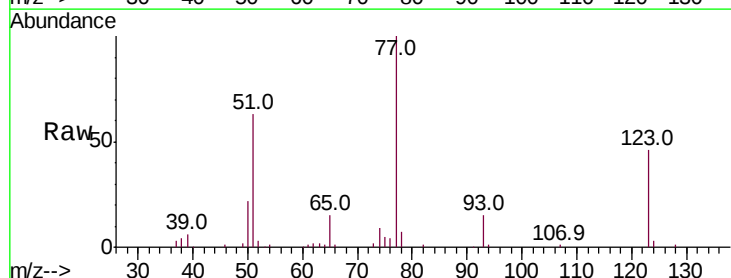
Instrument :
BNA_G
ClientSampleId :

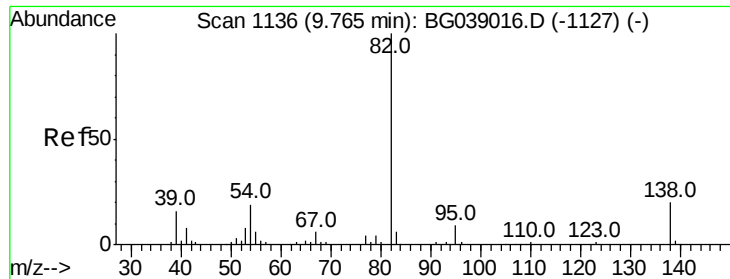
Tot Ion: 82 Resp: 172470
Ion Ratio Lower Upper
82 100
128 46.2 37.3 55.9
54 59.1 46.4 69.6



#24
Nitrobenzene
Concen: 38.835 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion: 77 Resp: 85497
Ion Ratio Lower Upper
77 100
123 46.3 37.6 56.4
65 14.9 11.0 16.6





#25

Isophorone

Concen: 40.135 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

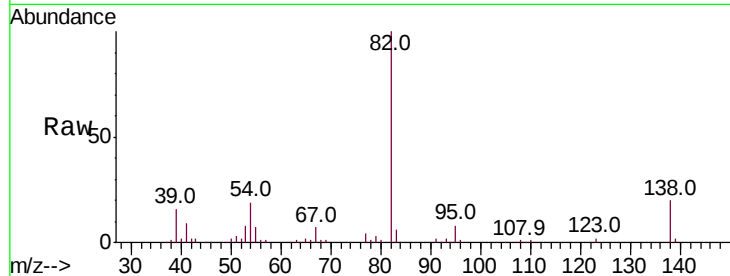
Tot Ion: 82 Resp: 150583

Ion Ratio Lower Upper

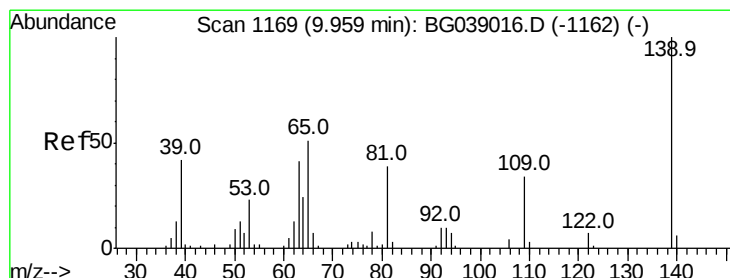
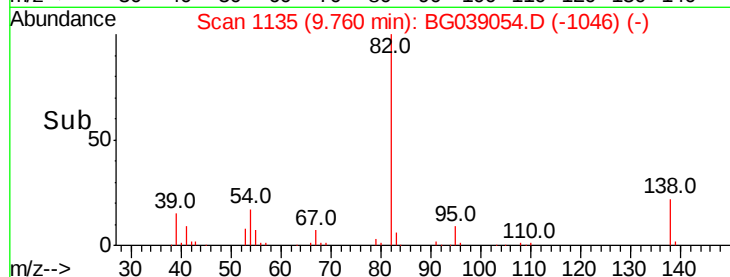
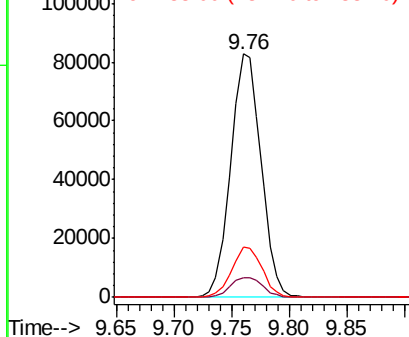
82 100

95 8.3 7.0 10.6

138 20.5 16.2 24.4



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



#26

2-Nitrophenol

Concen: 41.263 ng

RT: 9.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

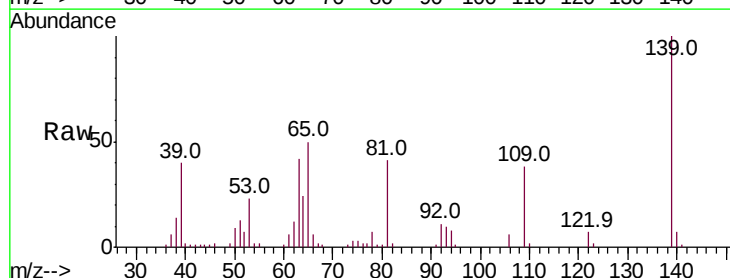
Tgt Ion:139 Resp: 49136

Ion Ratio Lower Upper

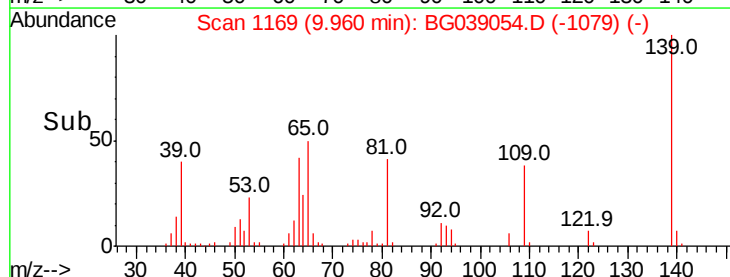
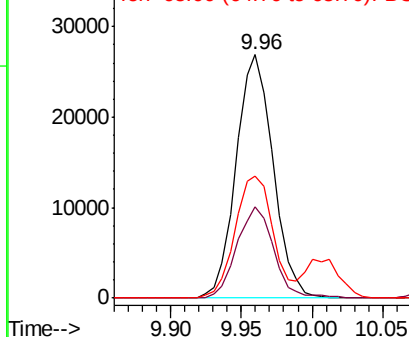
139 100

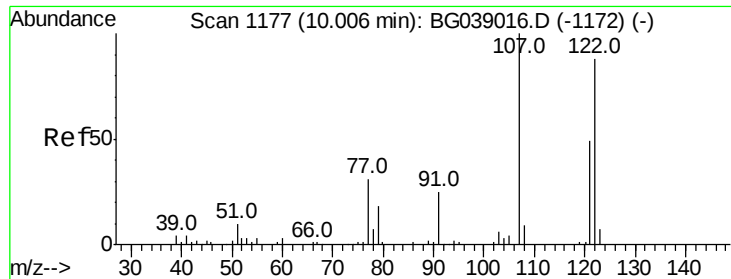
109 37.6 27.3 40.9

65 50.2 40.6 61.0



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

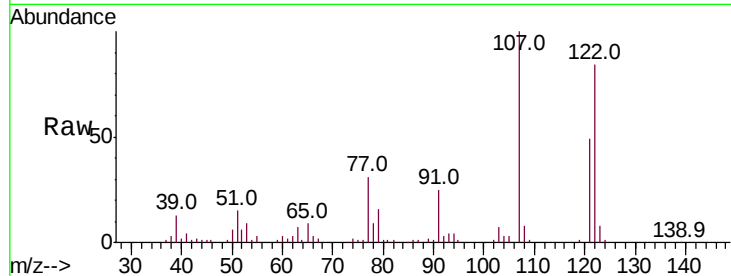




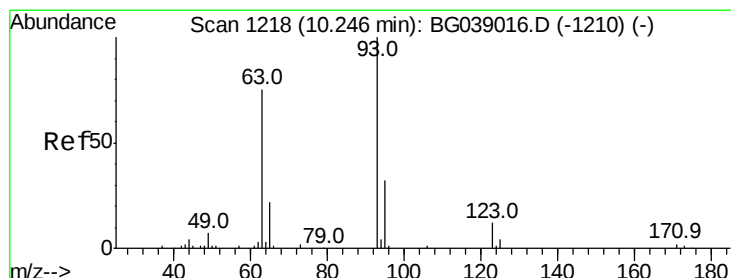
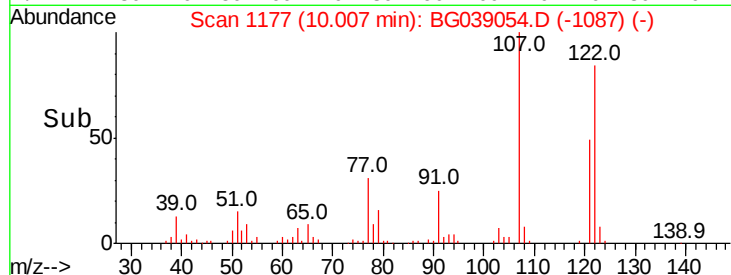
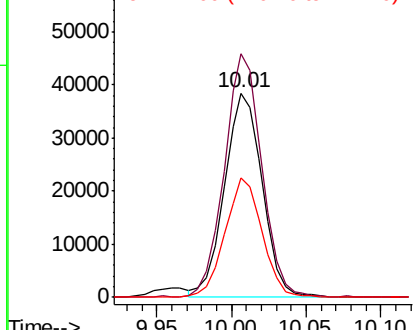
#27
2,4-Dimethylphenol
Concen: 40.397 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 67678
Ion Ratio Lower Upper
122 100
107 119.1 88.8 133.2
121 58.4 43.1 64.7

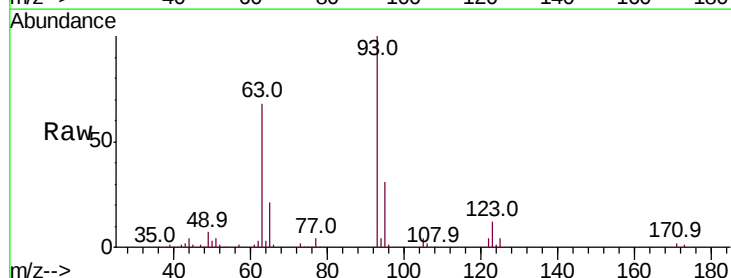


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

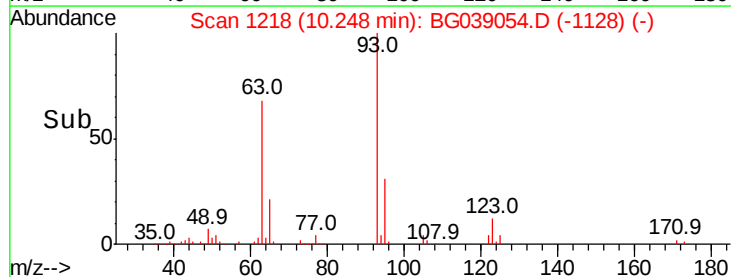
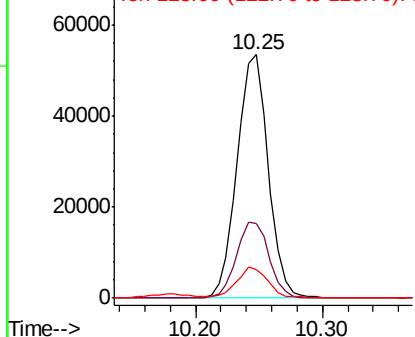


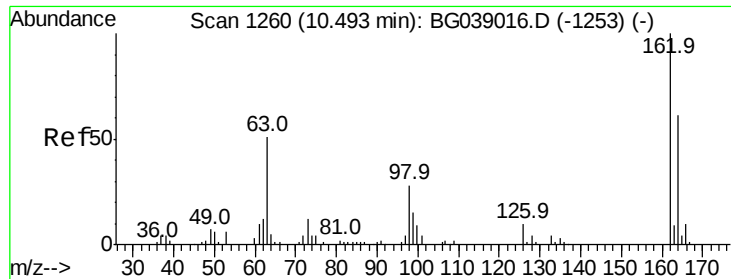
#28
bis(2-Chloroethoxy)methane
Concen: 40.401 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion: 93 Resp: 91099
Ion Ratio Lower Upper
93 100
95 30.7 25.6 38.4
123 12.0 10.1 15.1



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

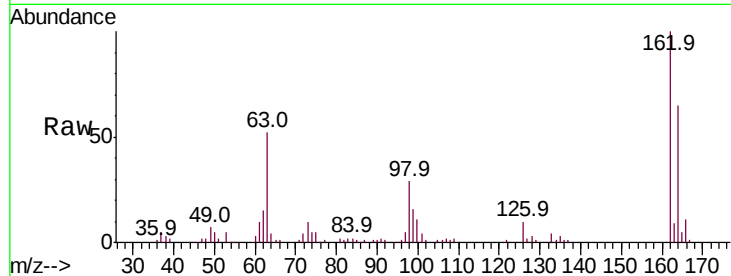




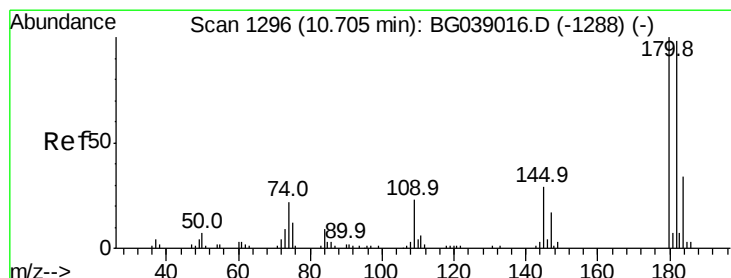
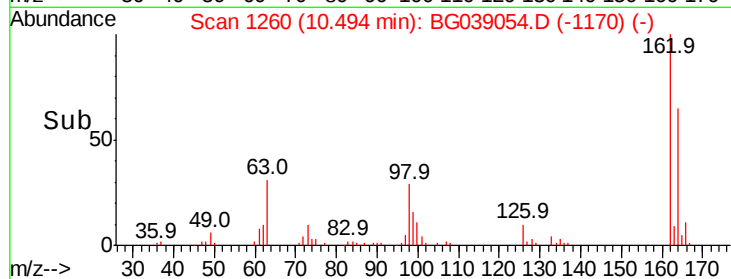
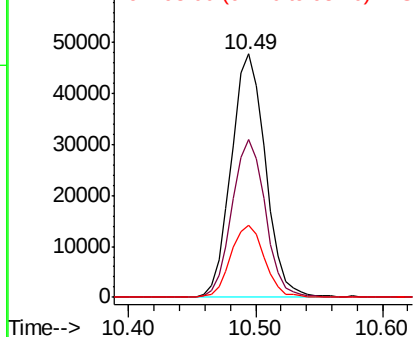
#29
 2,4-Dichlorophenol
 Concen: 42.840 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 89162
 Ion Ratio Lower Upper
 162 100
 164 64.9 41.3 81.3
 98 29.4 8.3 48.3

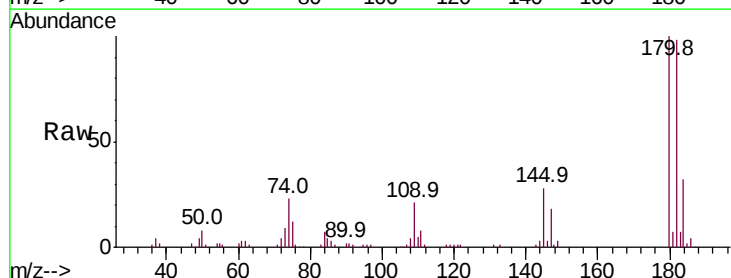


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

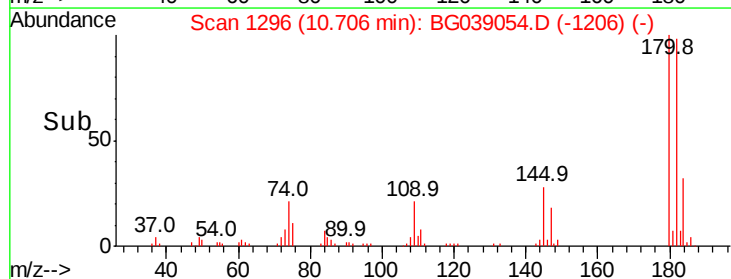
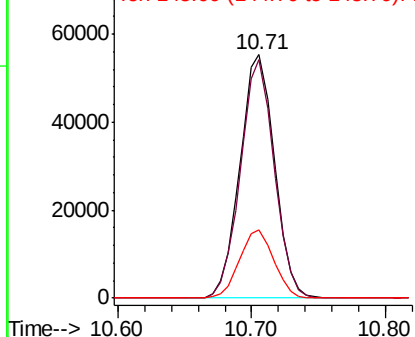


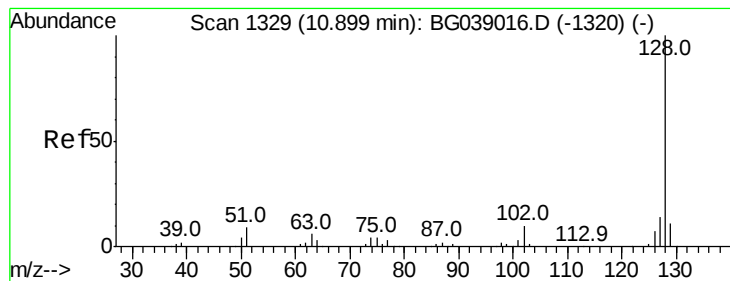
#30
 1,2,4-Trichlorobenzene
 Concen: 39.483 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:180 Resp: 98737
 Ion Ratio Lower Upper
 180 100
 182 97.9 78.1 117.1
 145 28.1 23.1 34.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.356 ng

RT: 10.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

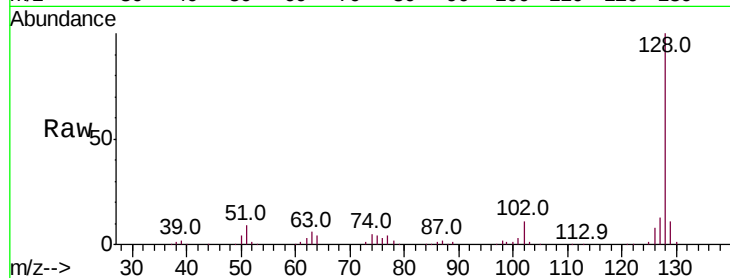
Tot Ion:128 Resp: 235257

Ion Ratio Lower Upper

128 100

129 10.6 9.1 13.7

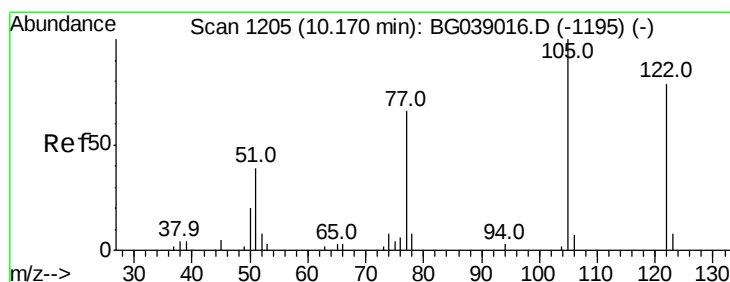
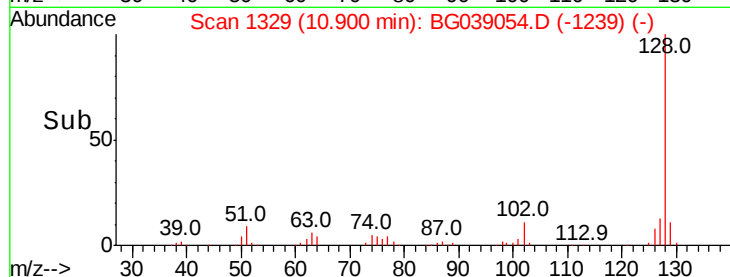
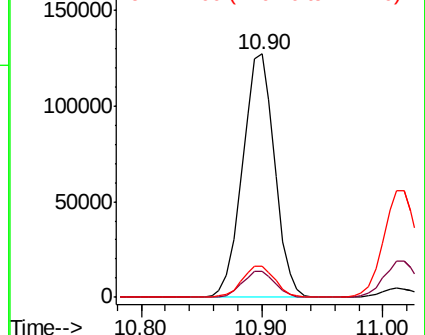
127 13.0 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.703 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

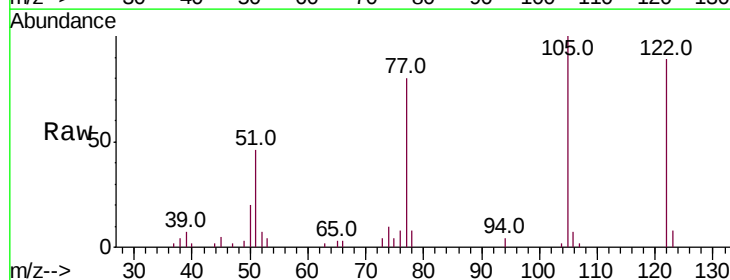
Tgt Ion:122 Resp: 34966

Ion Ratio Lower Upper

122 100

105 112.6 106.4 146.4

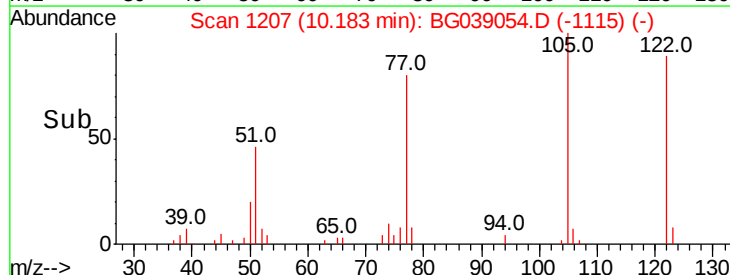
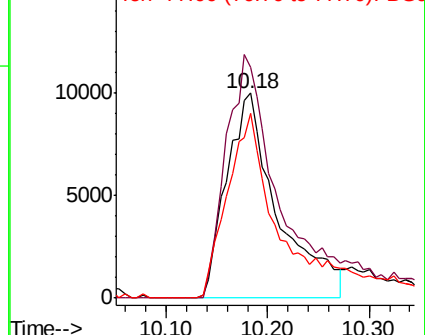
77 90.0 63.6 103.6

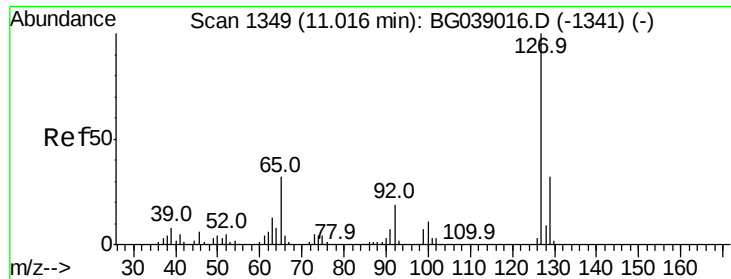


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

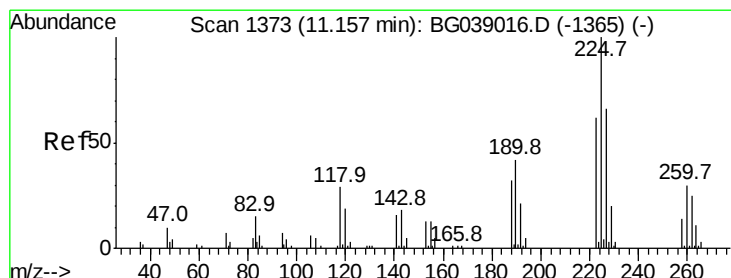
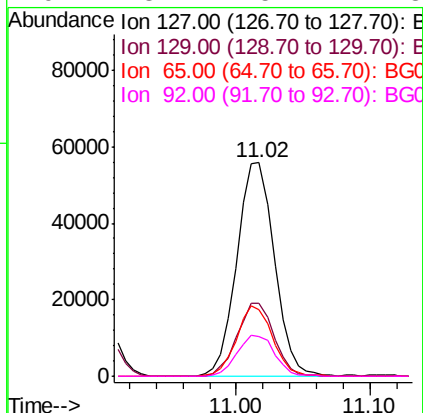
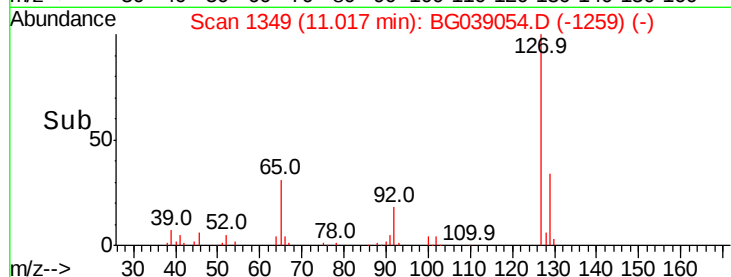
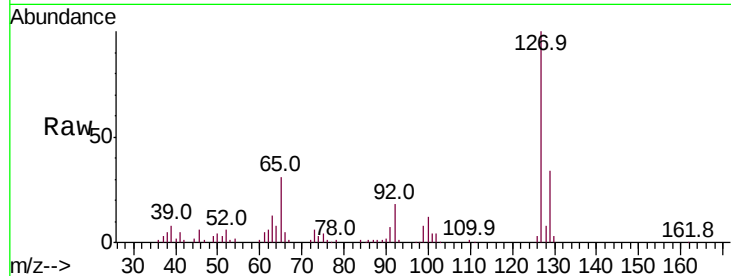




#33
4-Chloroaniline
Concen: 40.812 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

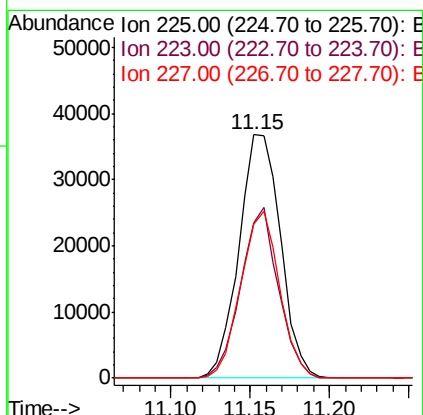
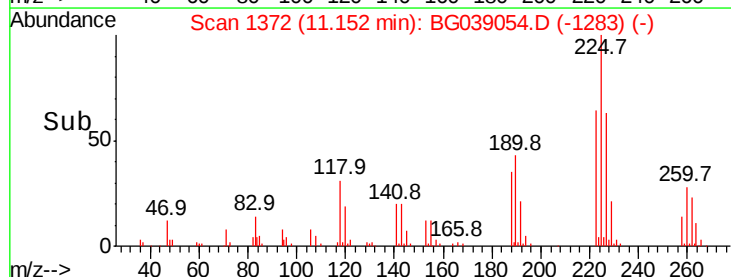
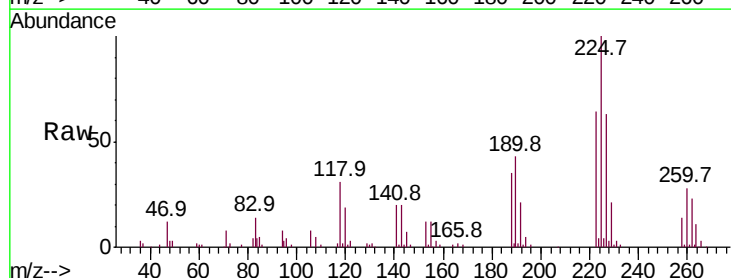
Instrument :
BNA_G
ClientSampleId :

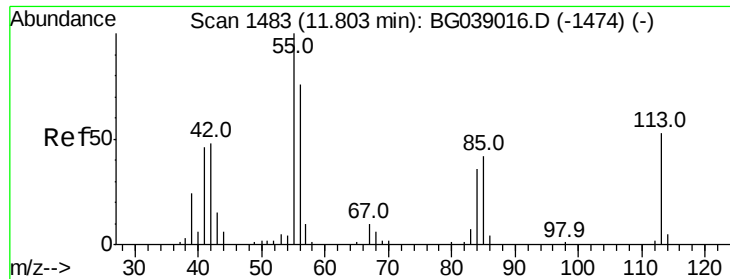
Tot Ion:	127	Resp:	109162
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	31.1	25.4	38.0
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.987 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:	225	Resp:	67085
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	63.6	53.2	79.8





#35

Caprolactam

Concen: 42.549 ng

RT: 11.82 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

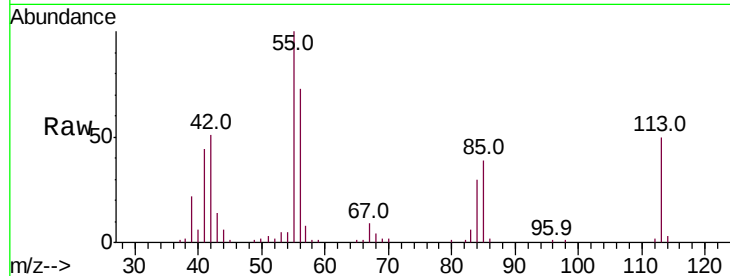
Tot Ion:113 Resp: 35511

Ion Ratio Lower Upper

113 100

55 199.3 168.6 208.6

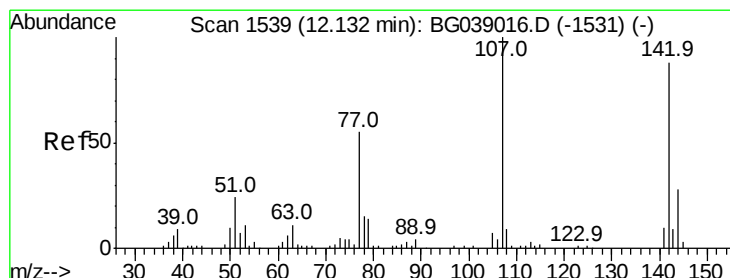
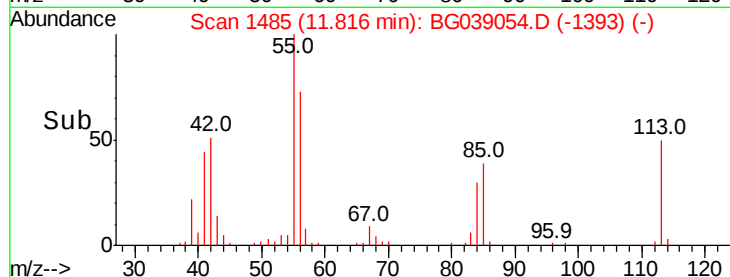
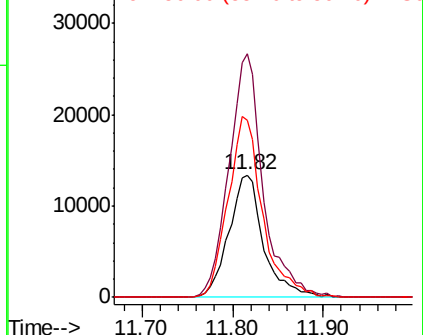
56 144.8 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.423 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

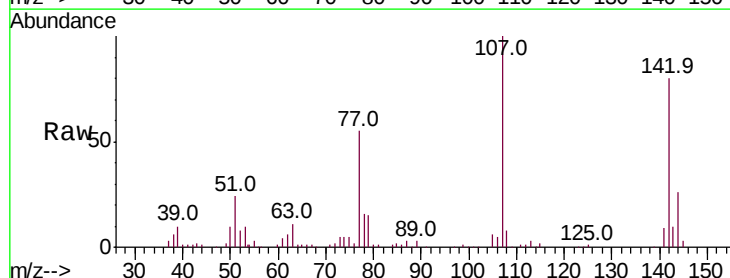
Tgt Ion:107 Resp: 94436

Ion Ratio Lower Upper

107 100

144 26.5 22.6 34.0

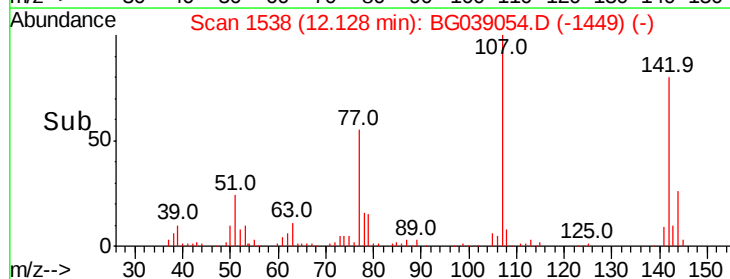
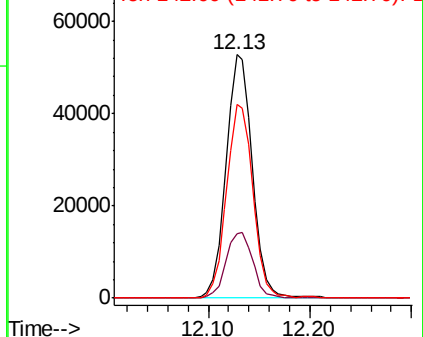
142 79.5 70.2 105.4

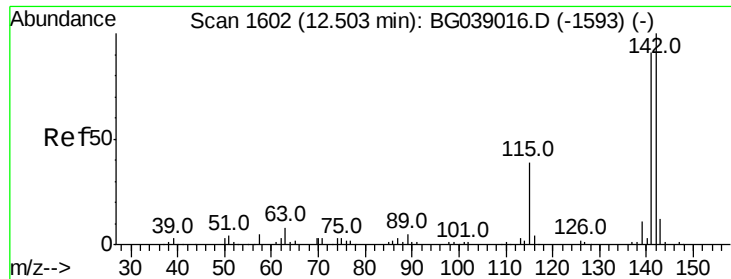


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

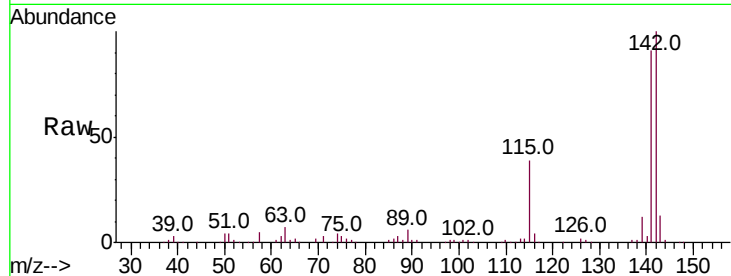




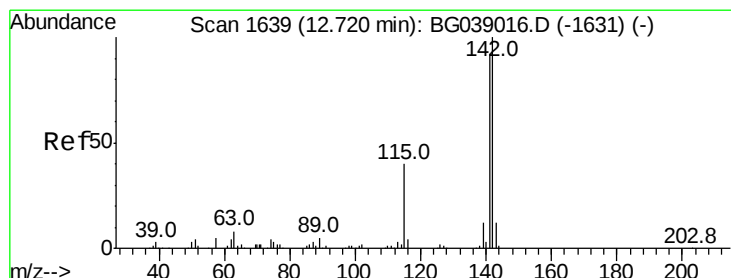
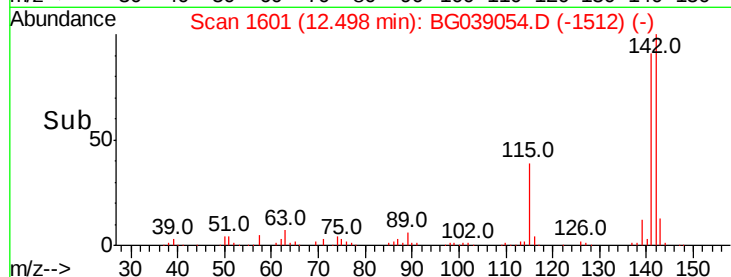
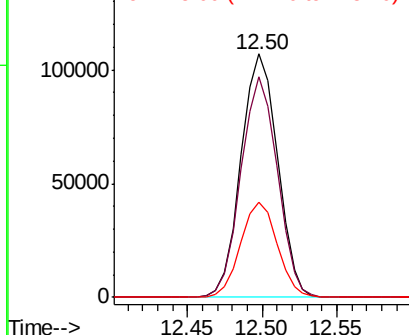
#37
 2-Methylnaphthalene
 Concen: 40.624 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 182063
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.6 109.0
 115 38.9 31.1 46.7

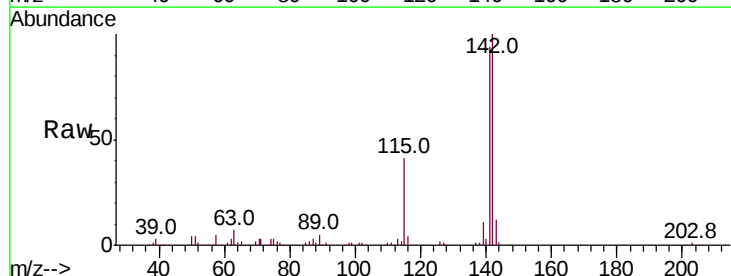


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

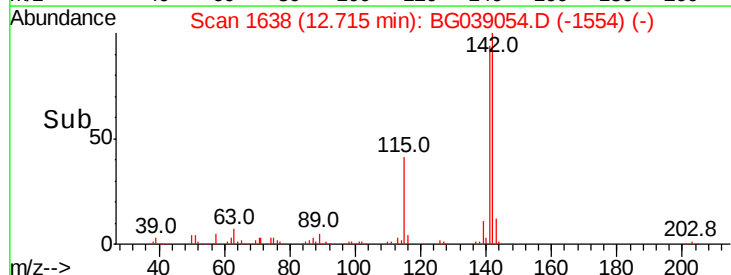
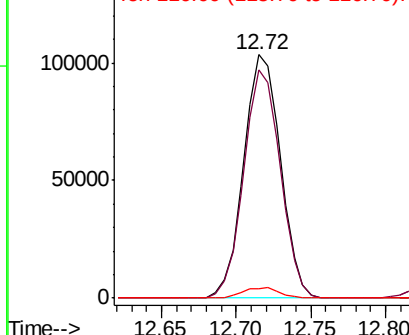


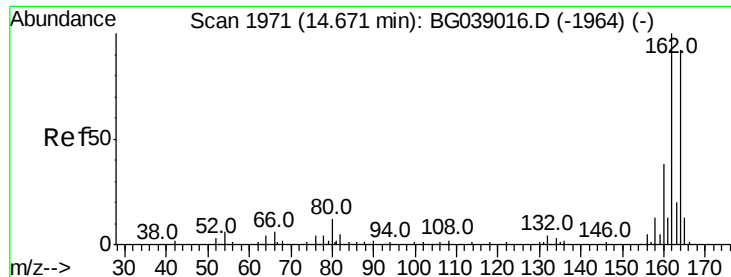
#38
 1-Methylnaphthalene
 Concen: 40.984 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:142 Resp: 176300
 Ion Ratio Lower Upper
 142 100
 141 93.7 73.3 109.9
 116 3.9 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

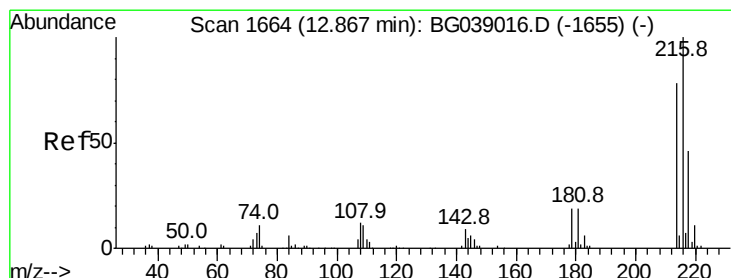
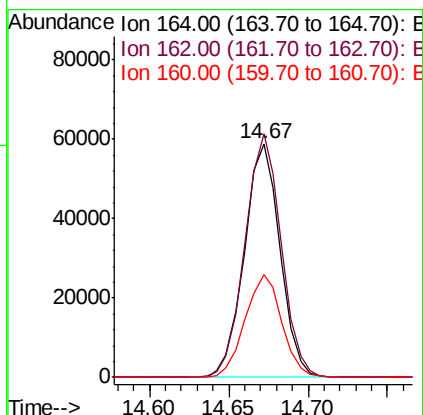
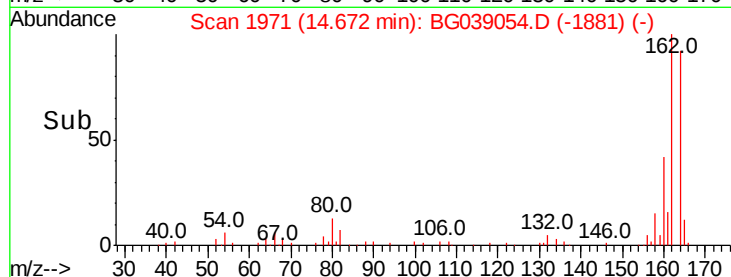
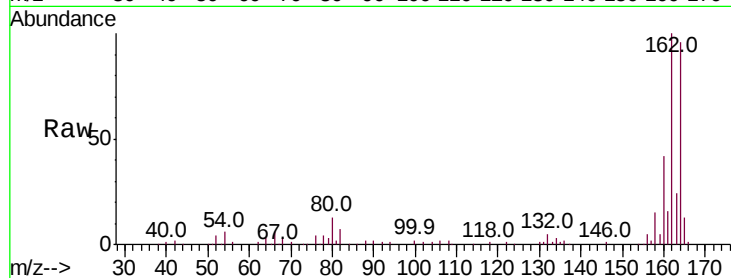
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 91787

Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.2	130.8
160	43.8	33.3	49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.770 ng

RT: 12.86 min Scan# 1663

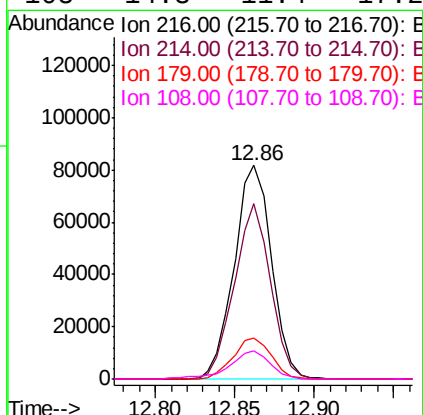
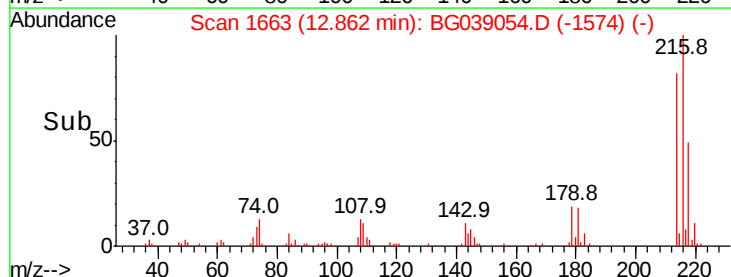
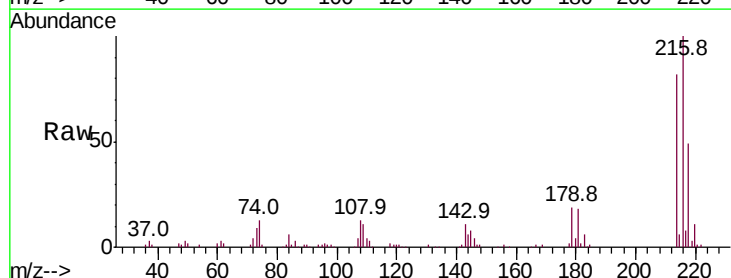
Delta R.T. -0.00 min

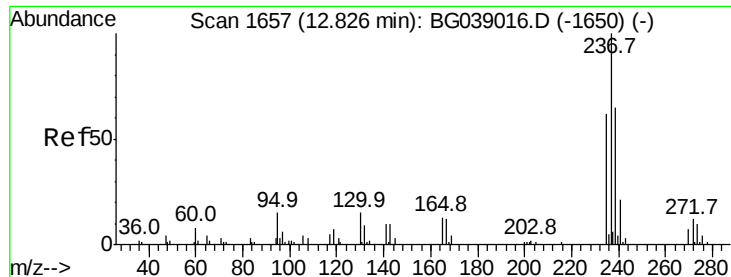
Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion:216 Resp: 133647

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	19.3	15.5	23.3
108	14.3	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 34.463 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

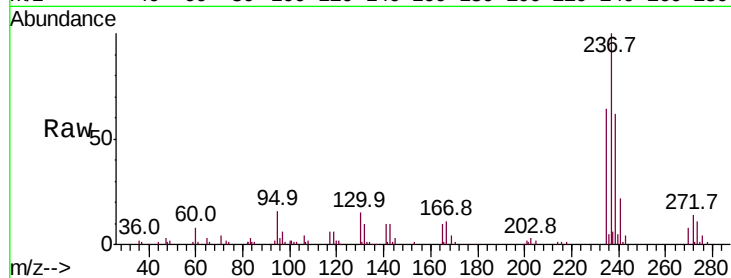
Tot Ion:237 Resp: 60081

Ion Ratio Lower Upper

237 100

235 63.8 41.7 81.7

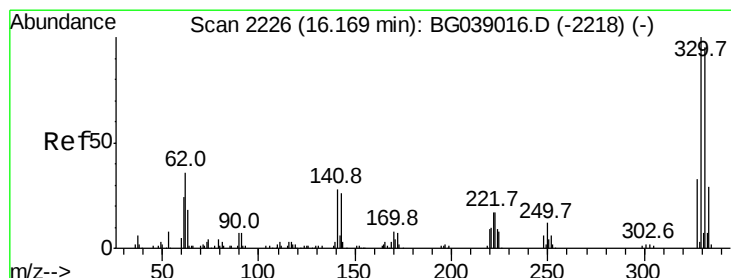
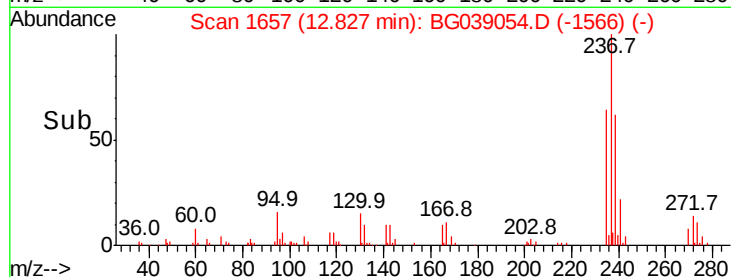
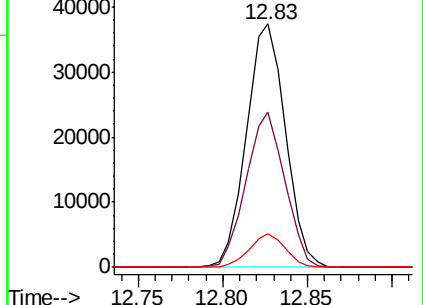
272 14.0 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.377 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

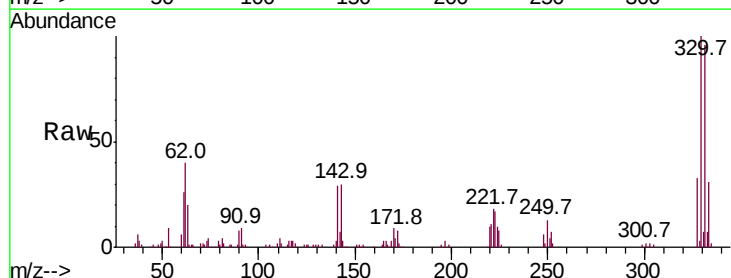
Tgt Ion:330 Resp: 122130

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

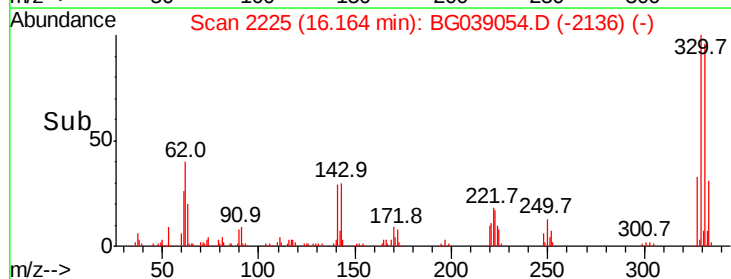
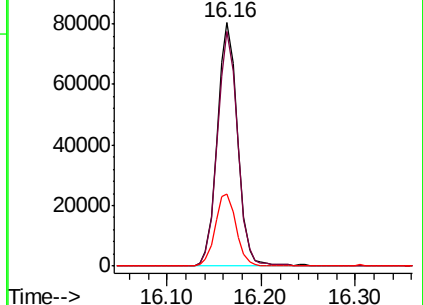
141 30.6 24.9 37.3

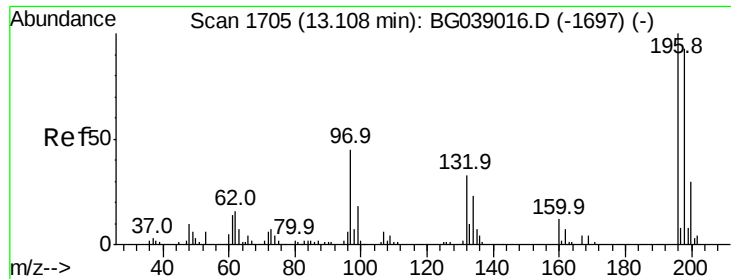


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

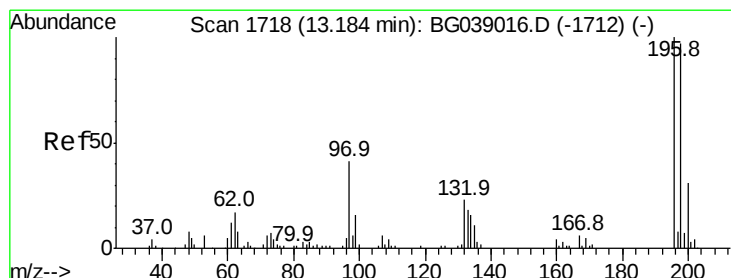
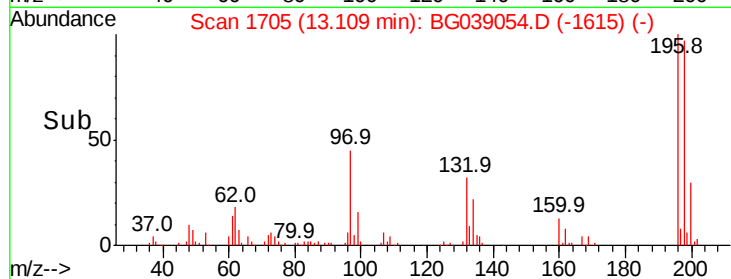
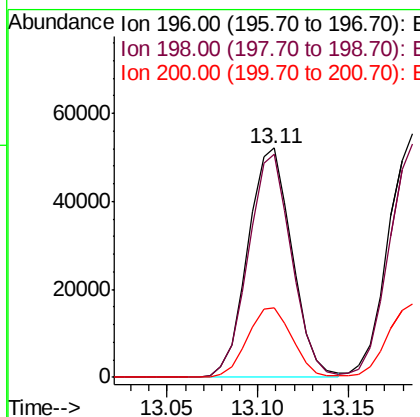
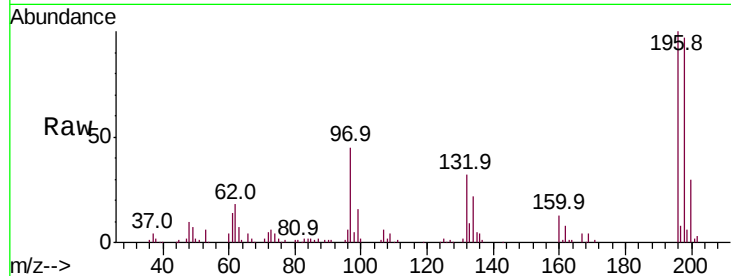




#43
 2,4,6-Trichlorophenol
 Concen: 40.665 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

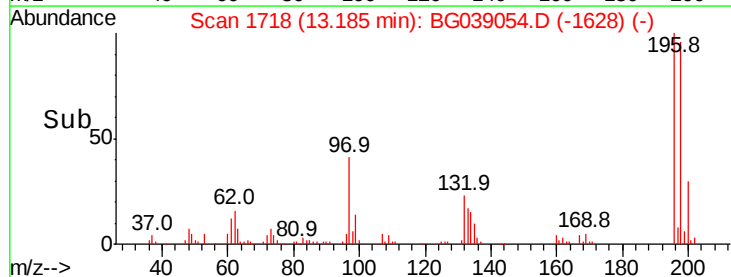
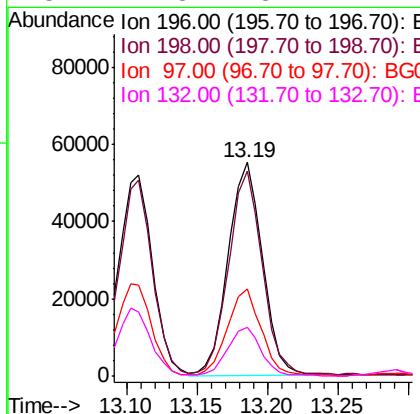
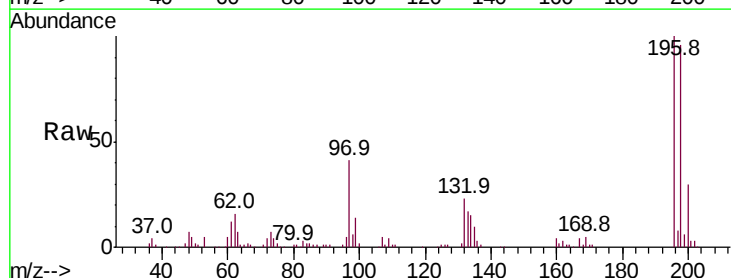
Instrument :
 BNA_G
 ClientSampleID :

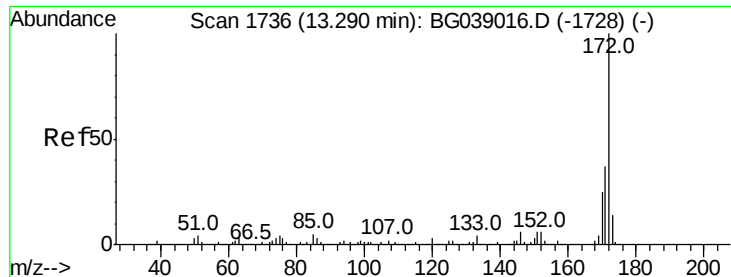
Tot Ion:196 Resp: 88224
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.5 111.7
 200 30.5 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.658 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:196 Resp: 93230
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.1 117.1
 97 40.6 33.2 49.8
 132 22.8 18.2 27.4

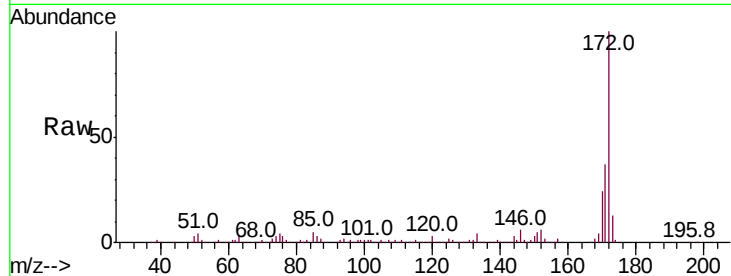




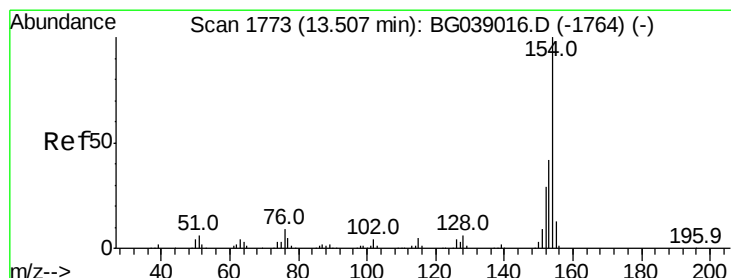
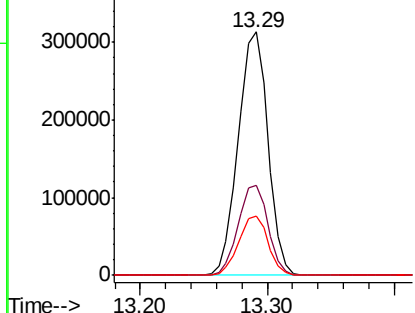
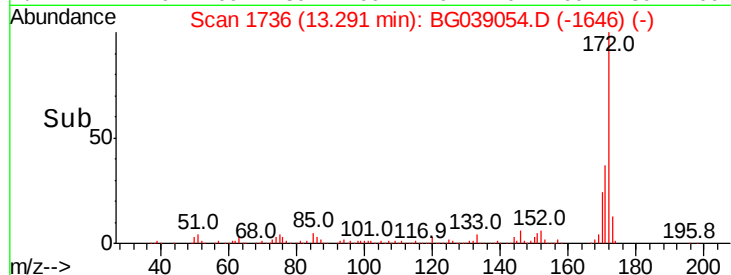
#45
 2-Fluorobiphenyl
 Concen: 75.708 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 507762
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.3 20.1 30.1

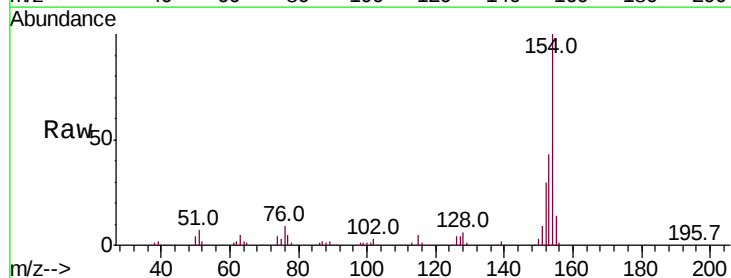


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

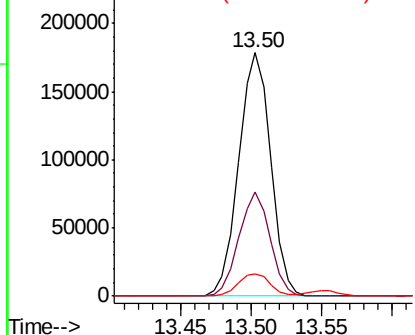
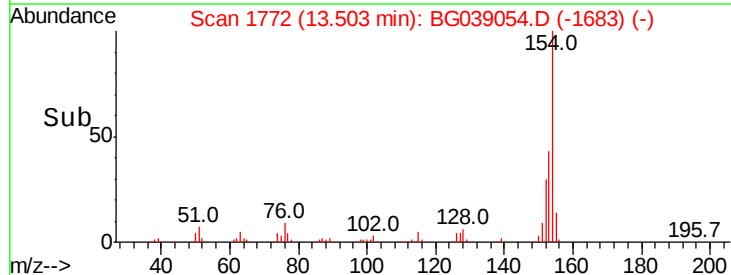


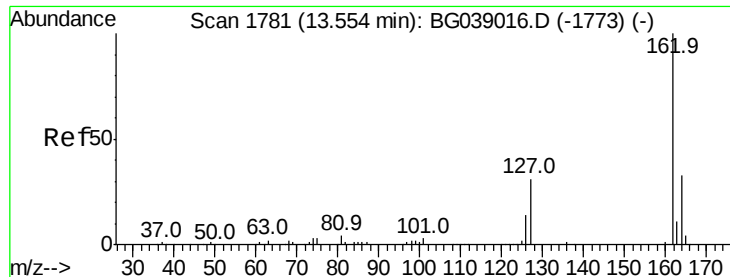
#46
 1,1'-Biphenyl
 Concen: 38.751 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:154 Resp: 281839
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.4 62.4
 76 9.3 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

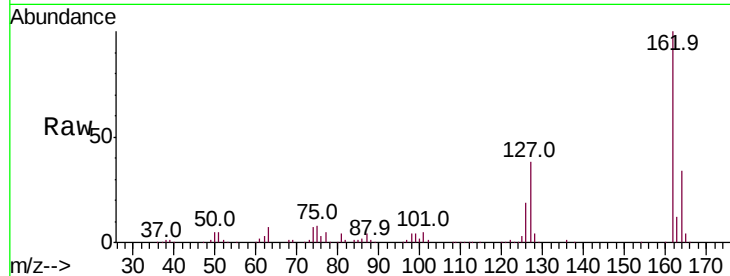




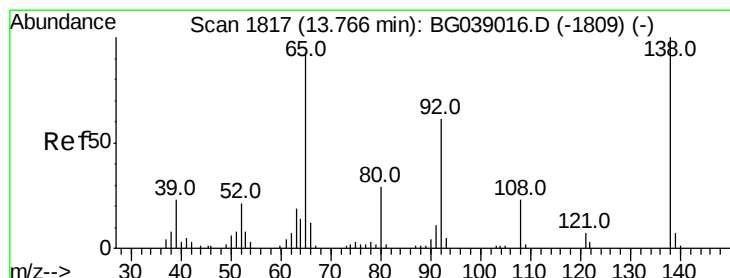
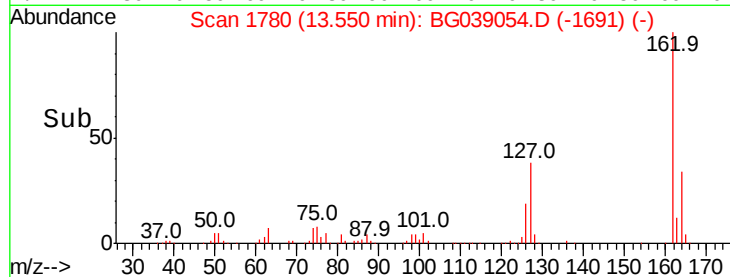
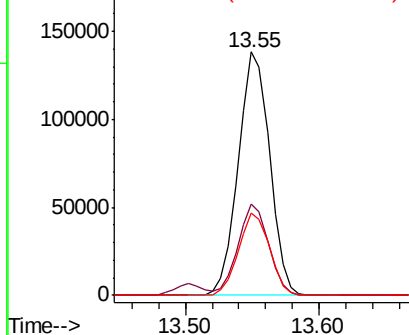
#47
 2-Chloronaphthalene
 Concen: 38.263 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	28.4	42.6
164	33.8	26.3	39.5

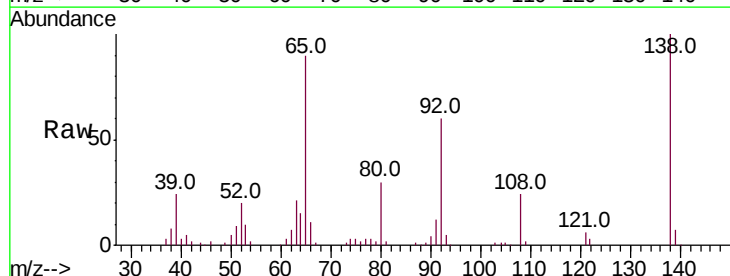


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

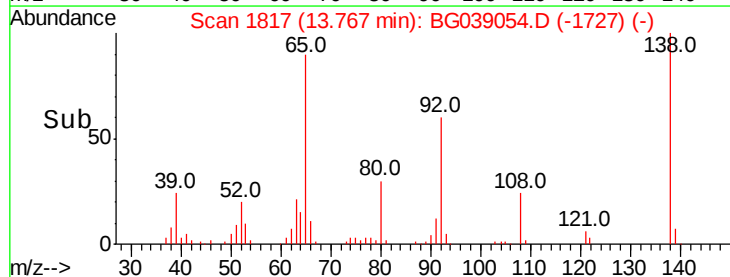
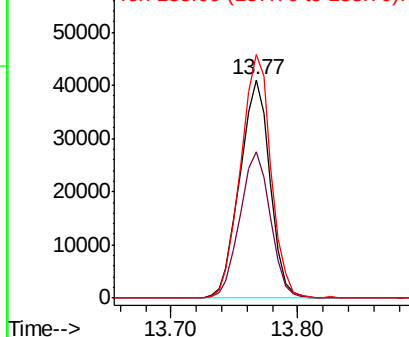


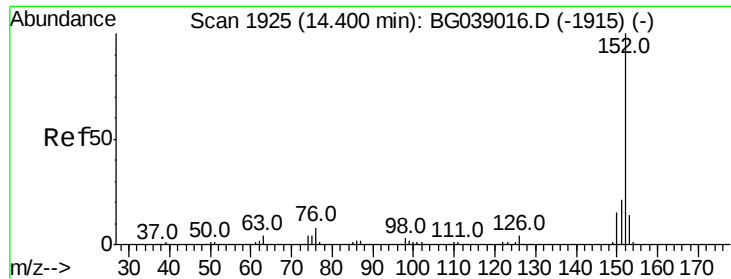
#48
 2-Nitroaniline
 Concen: 41.108 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.2	78.4
138	111.4	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.094 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

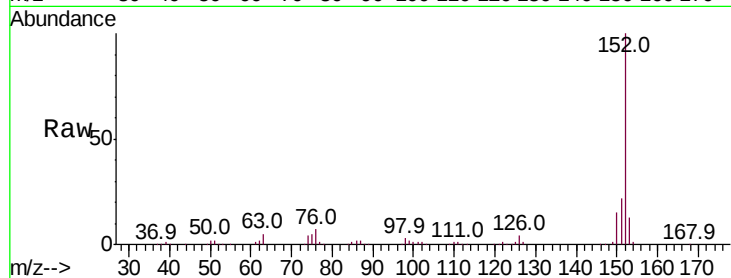
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 345840

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.4
153	13.3	11.2	16.8

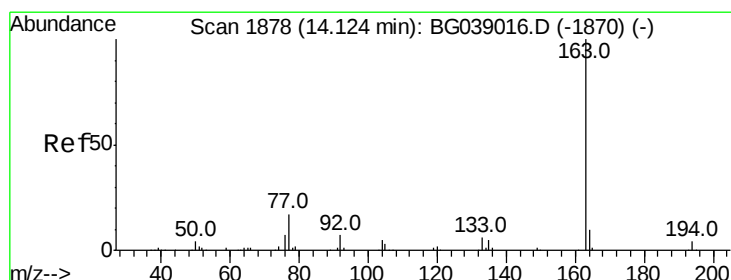
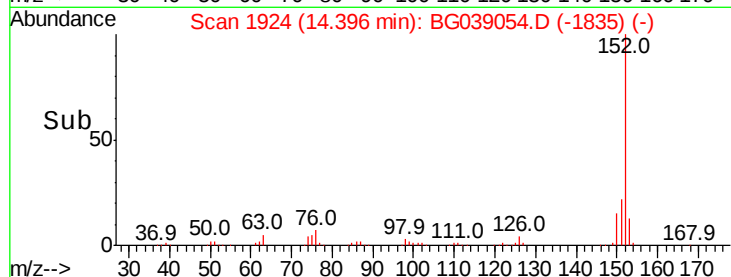
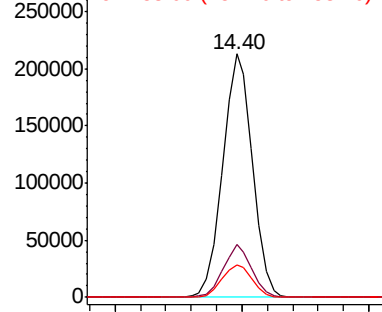


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.916 ng

RT: 14.13 min Scan# 1878

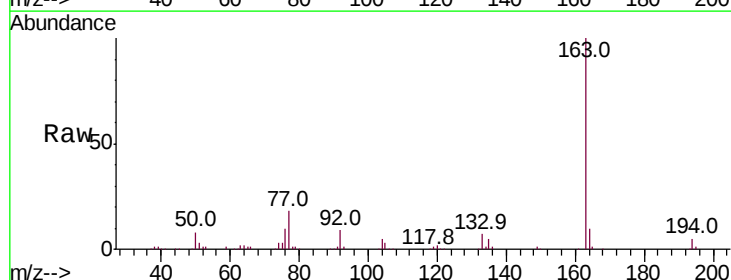
Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion:163 Resp: 301849

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.2	12.2

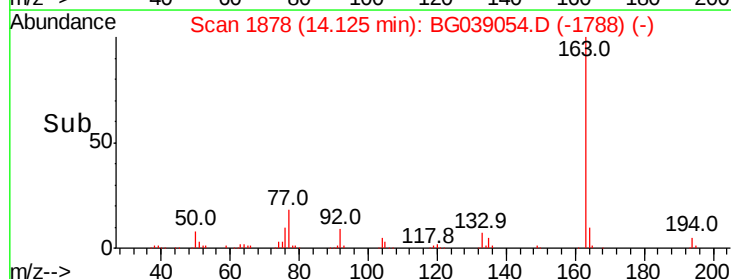
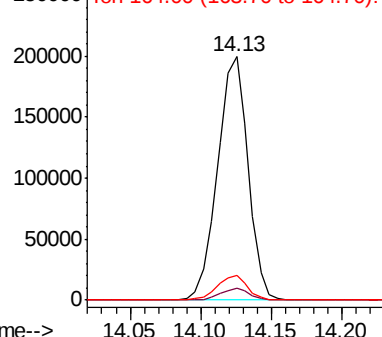


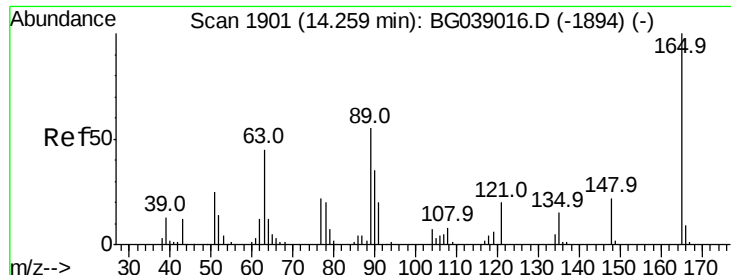
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.744 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampled :

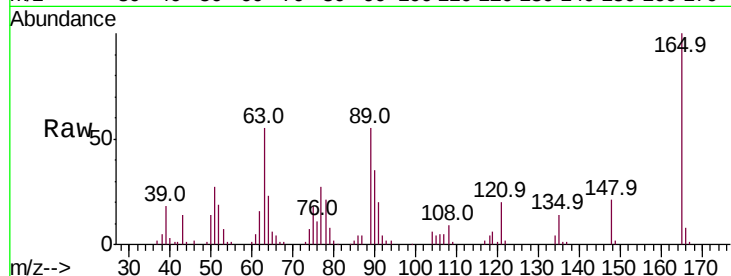
Tot Ion:165 Resp: 67188

Ion Ratio Lower Upper

165 100

63 55.4 43.6 65.4

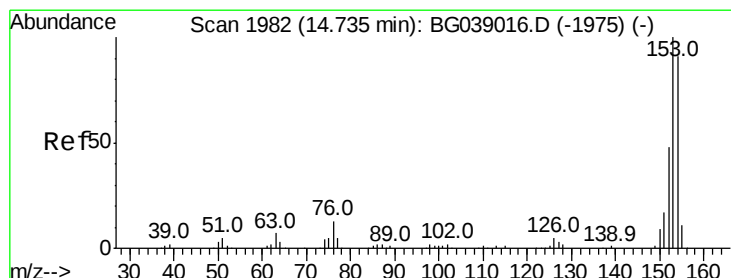
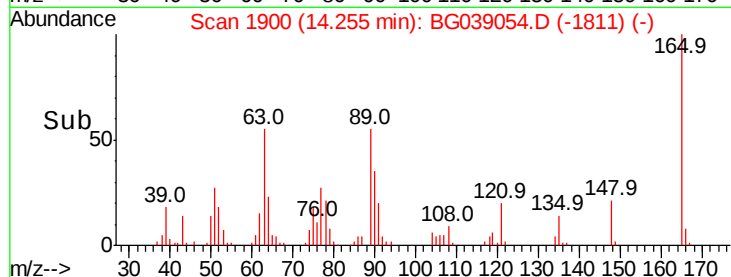
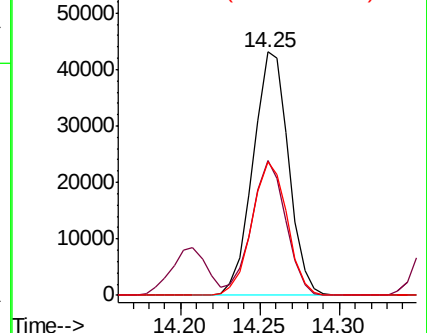
89 54.9 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.835 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

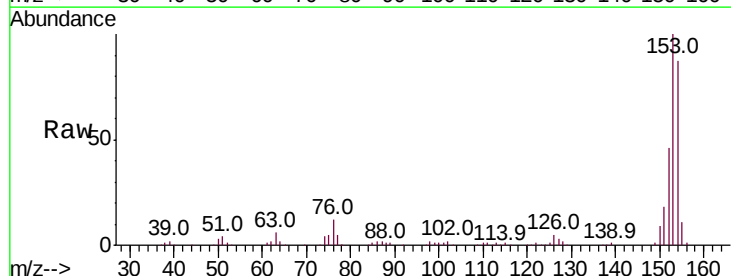
Tgt Ion:154 Resp: 206409

Ion Ratio Lower Upper

154 100

153 115.6 87.9 131.9

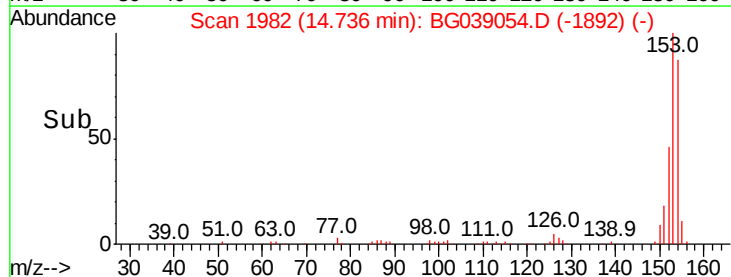
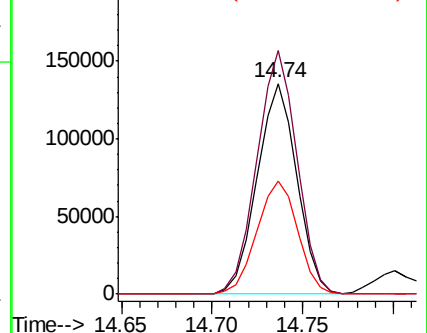
152 53.6 42.2 63.2

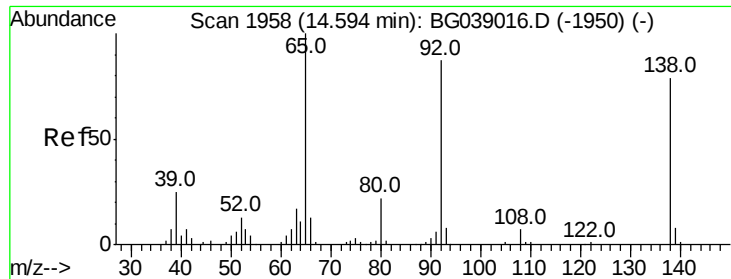


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.539 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

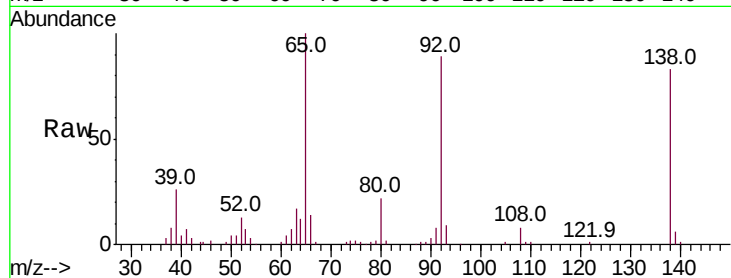
Tot Ion:138 Resp: 67797

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

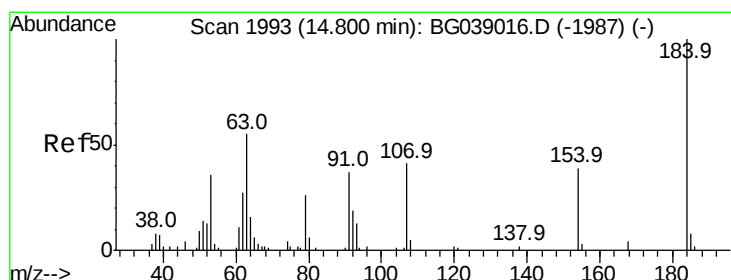
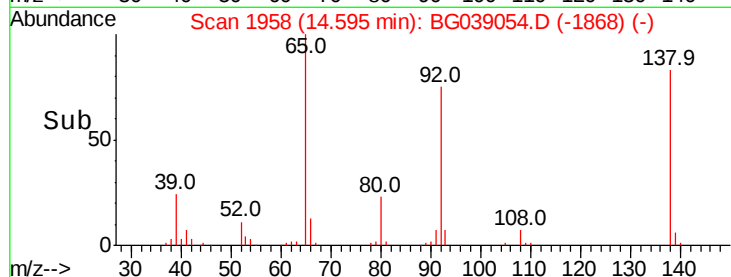
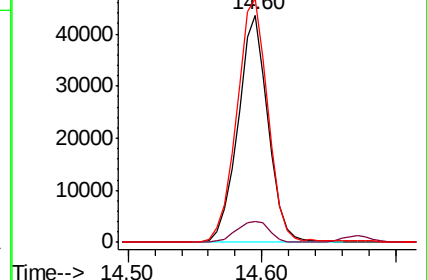
92 107.2 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 42.225 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

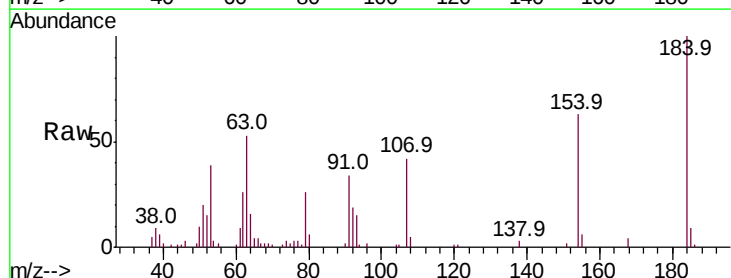
Tgt Ion:184 Resp: 40951

Ion Ratio Lower Upper

184 100

63 52.7 44.0 66.0

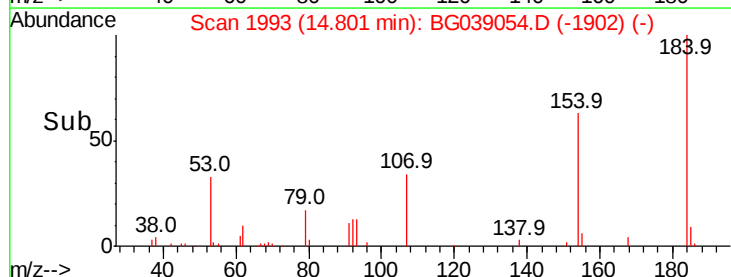
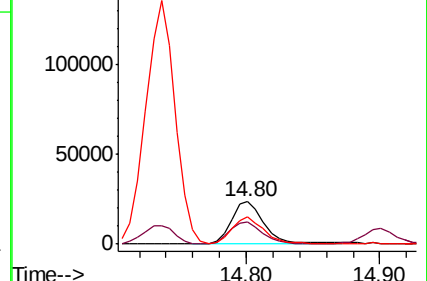
154 63.5 46.1 69.1

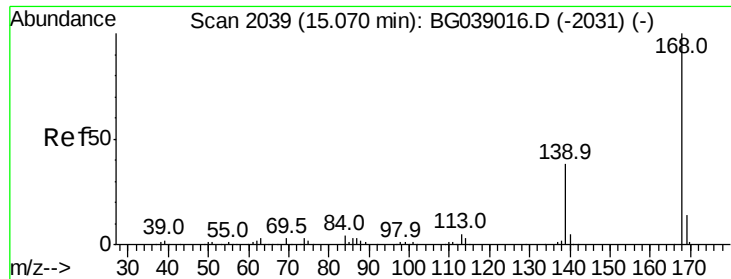


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

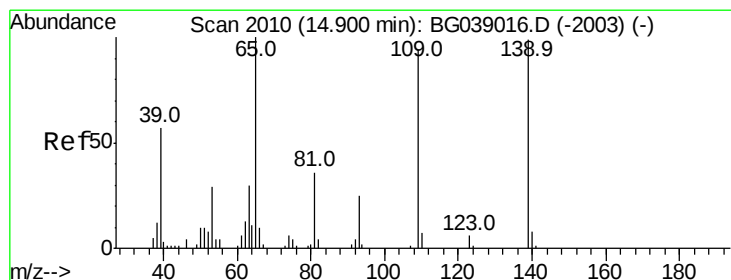
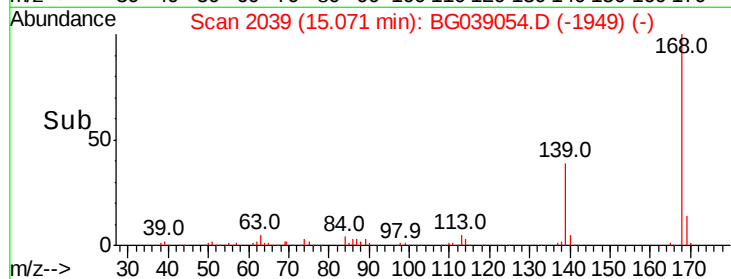
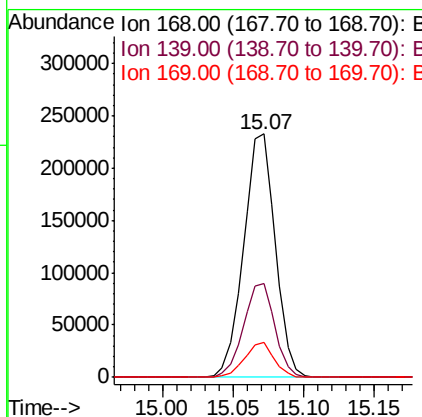
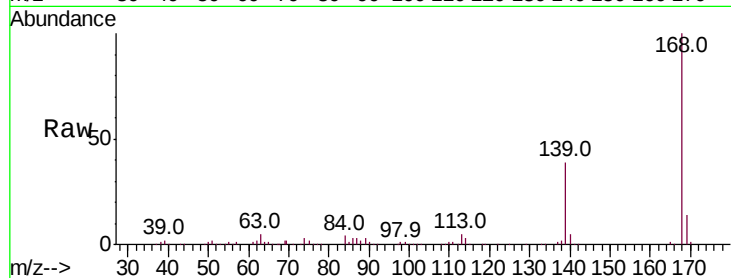




#55
Dibenzenofuran
Concen: 38.894 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

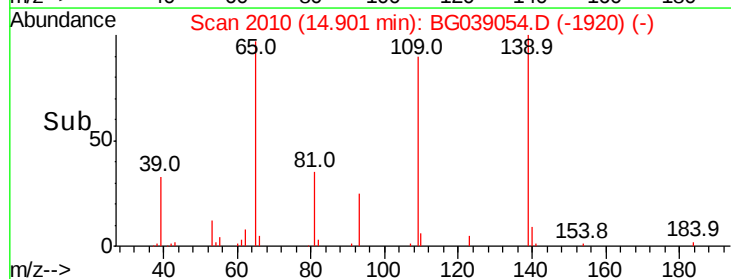
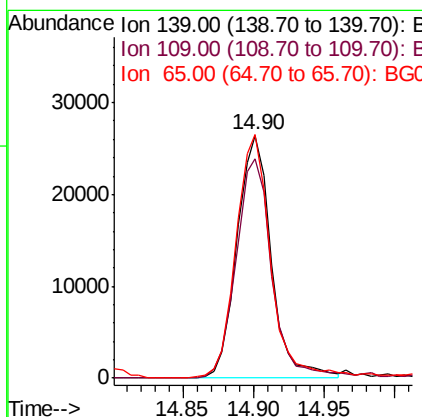
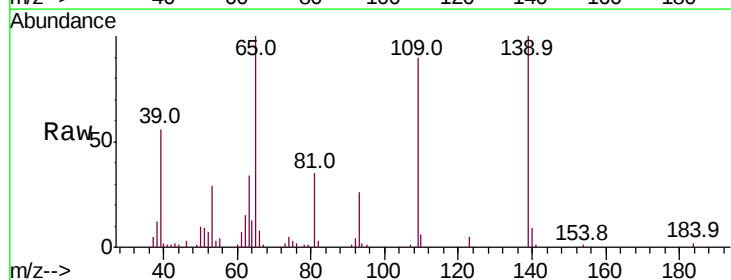
Instrument :
BNA_G
ClientSampleId :

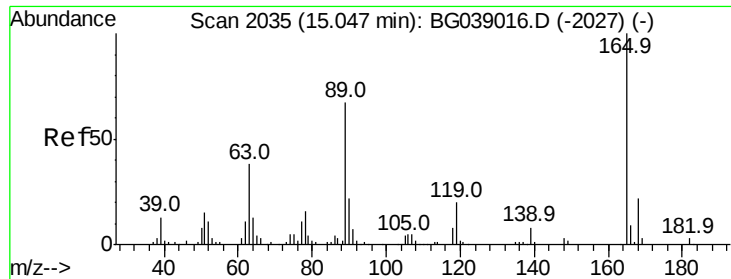
Tot Ion:168 Resp: 365100
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.4 10.9 16.3



#56
4-Nitrophenol
Concen: 35.492 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:139 Resp: 44925
Ion Ratio Lower Upper
139 100
109 90.5 75.6 115.6
65 100.2 81.2 121.2

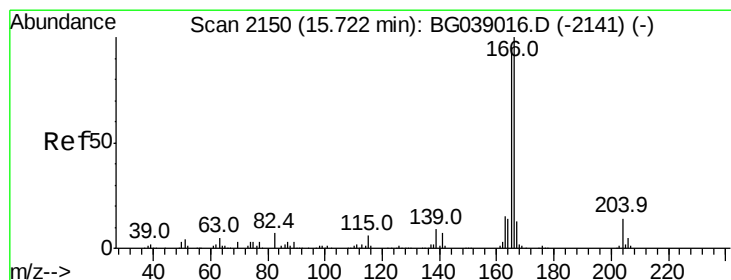
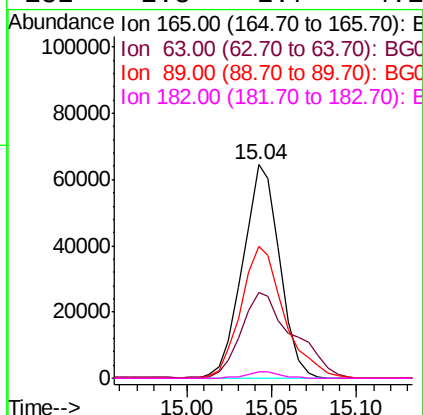
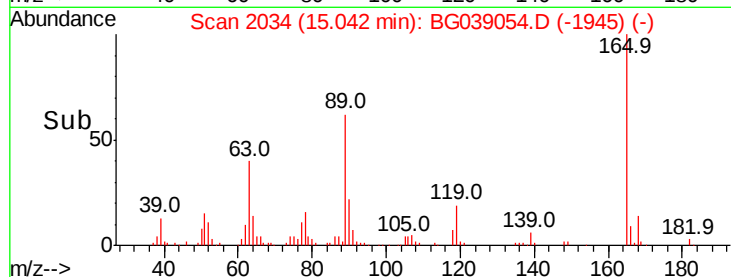
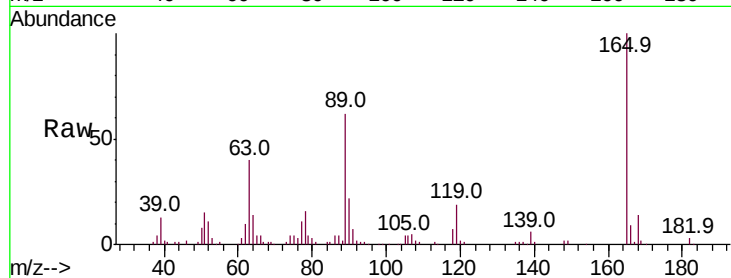




#57
2,4-Dinitrotoluene
Concen: 39.312 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

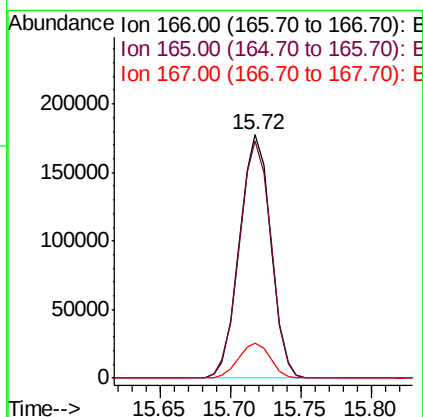
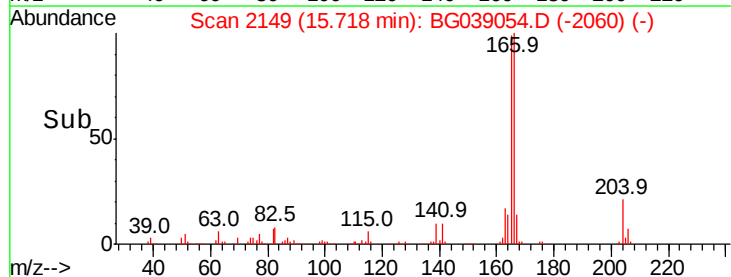
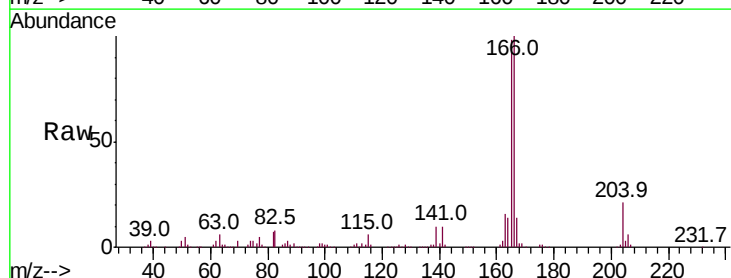
Instrument :
BNA_G
ClientSampleId :

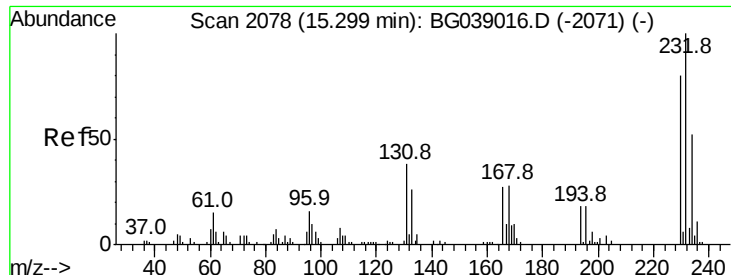
Tot Ion:165 Resp: 97806
Ion Ratio Lower Upper
165 100
63 40.4 30.2 45.4
89 62.0 53.2 79.8
182 2.8 2.7 4.1



#58
Fluorene
Concen: 39.135 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:166 Resp: 276523
Ion Ratio Lower Upper
166 100
165 97.6 76.2 114.2
167 14.3 10.6 16.0

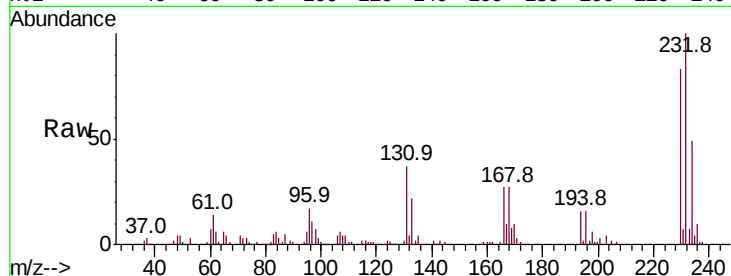




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.392 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.1	30.9	46.3
130	2.1	1.9	2.9
166	27.2	22.1	33.1



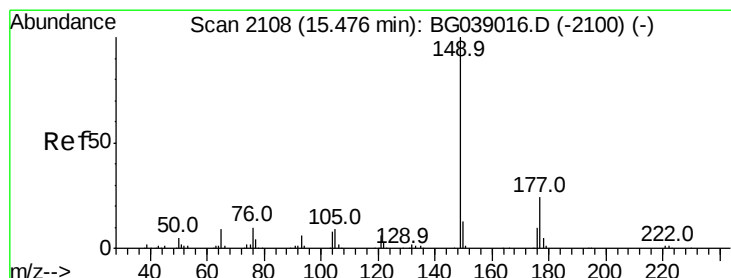
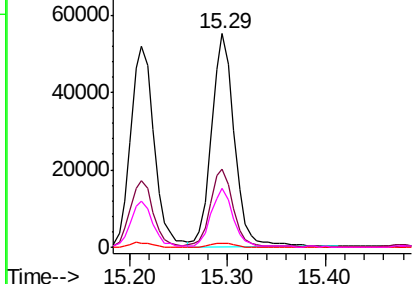
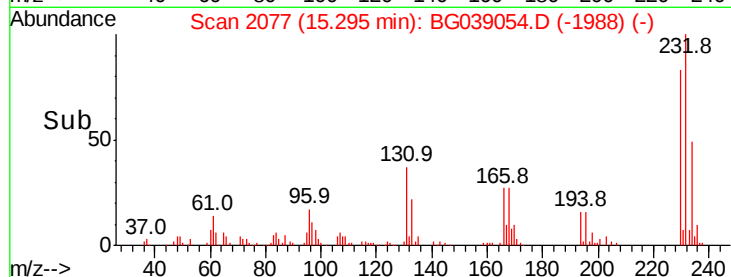
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

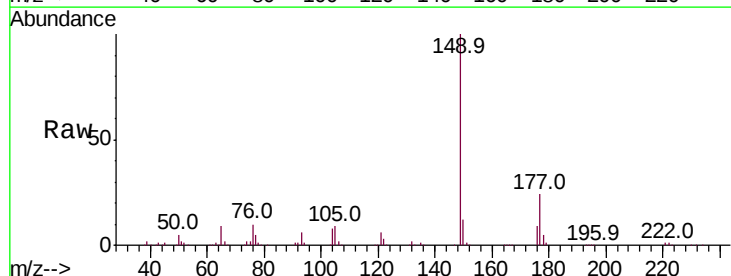
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.836 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

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

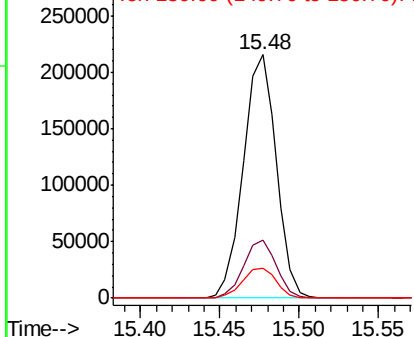
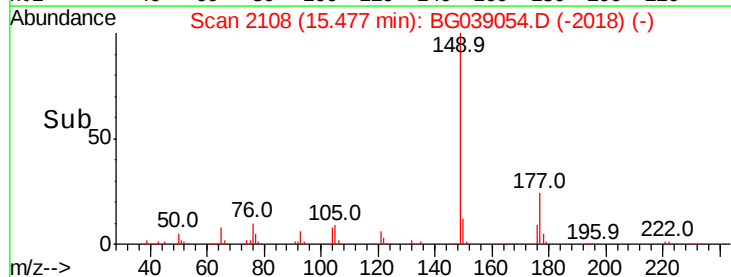


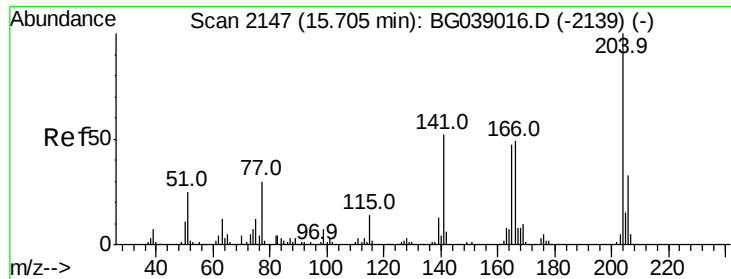
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

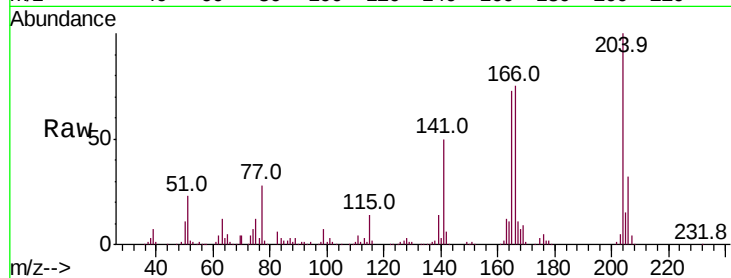




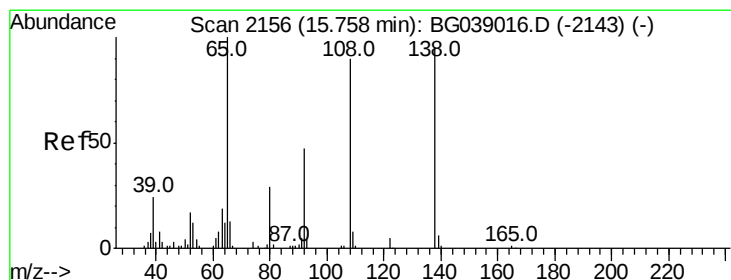
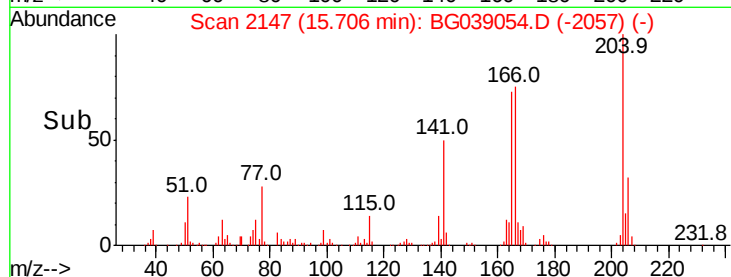
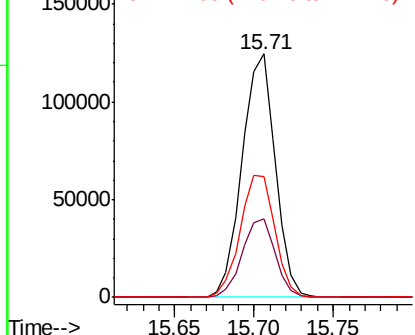
#61
4-Chlorophenyl-phenylether
Concen: 40.704 ng
RT: 15.71 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 181194
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 49.6 41.4 62.0

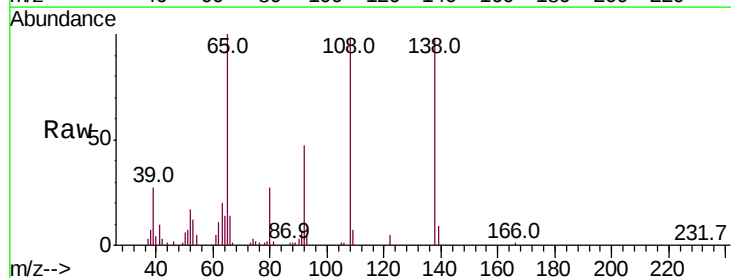


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

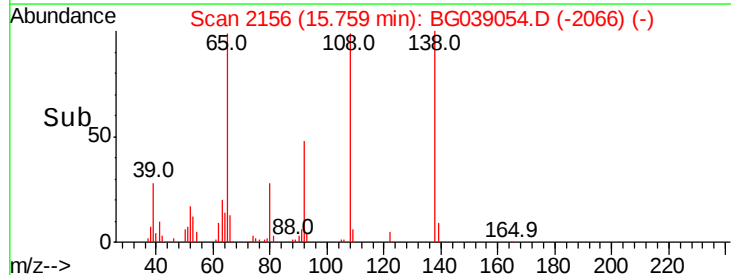
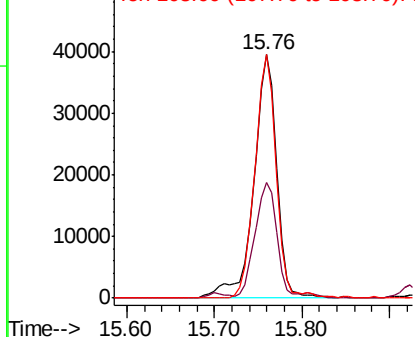


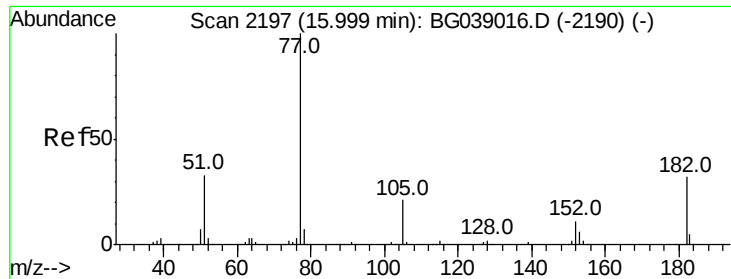
#62
4-Nitroaniline
Concen: 38.434 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:138 Resp: 70435
Ion Ratio Lower Upper
138 100
92 47.6 29.7 69.7
108 99.9 75.7 115.7



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





#63

Azobenzene

Concen: 39.058 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

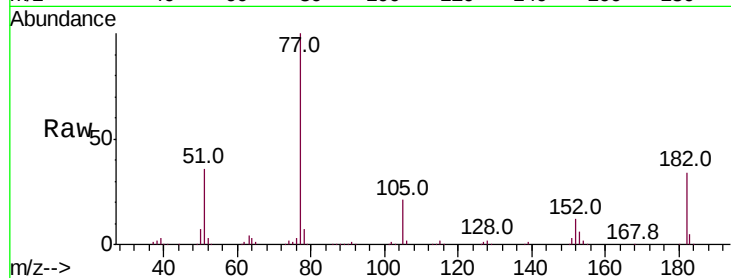
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 244096

Ion	Ratio	Lower	Upper
77	100		
182	33.9	12.2	52.2
105	21.5	1.2	41.2
51	35.5	13.4	53.4

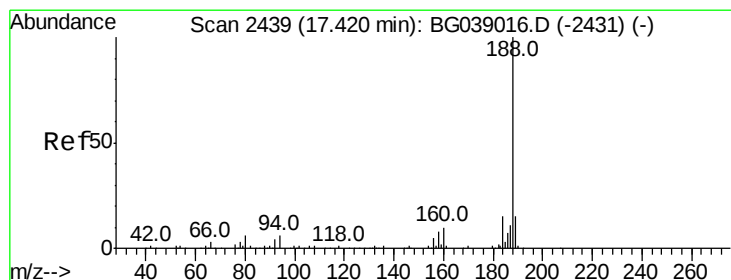
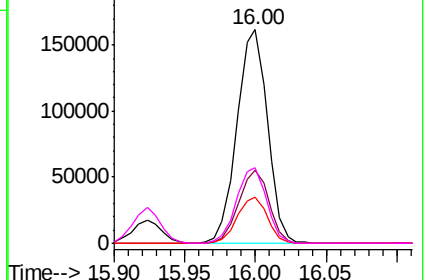
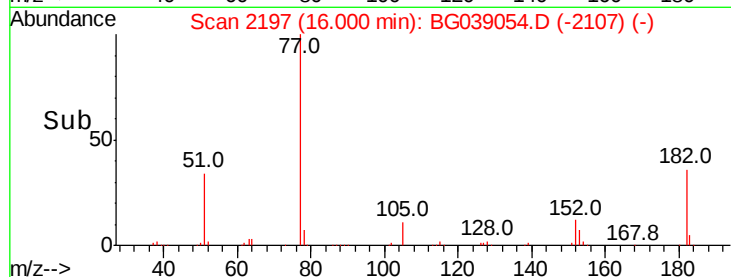


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

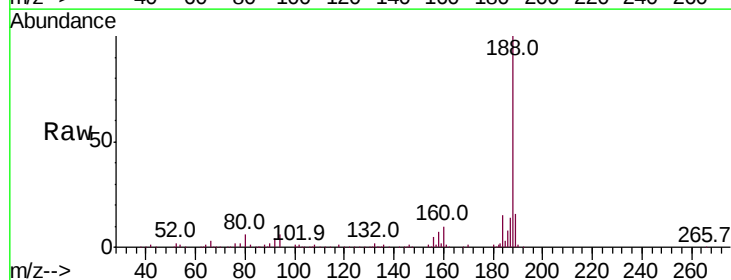
Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion: 188 Resp: 223061

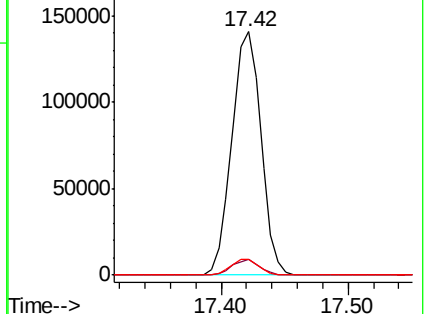
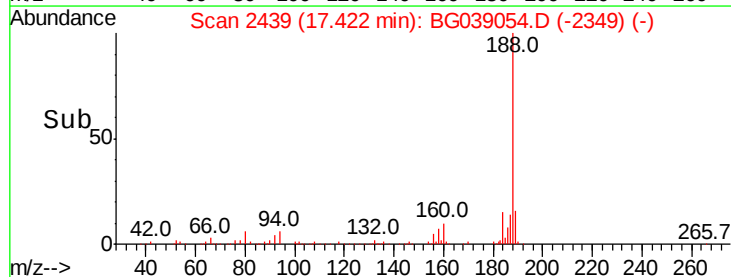
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.4
80	6.4	4.7	7.1

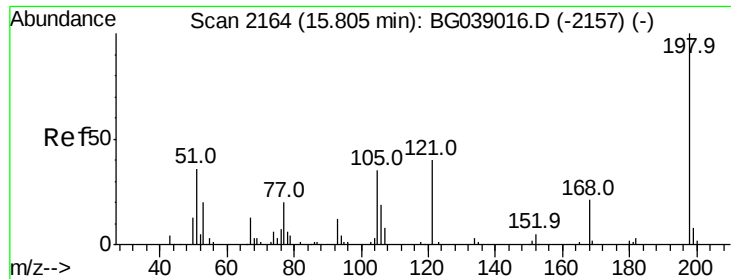


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

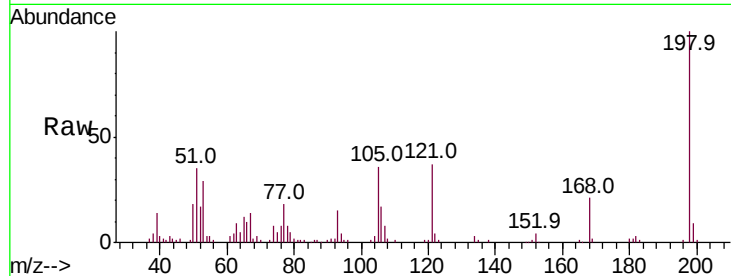




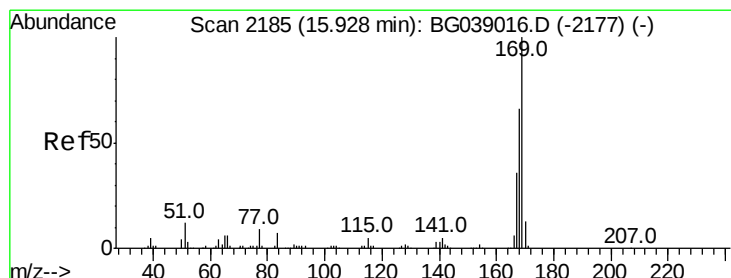
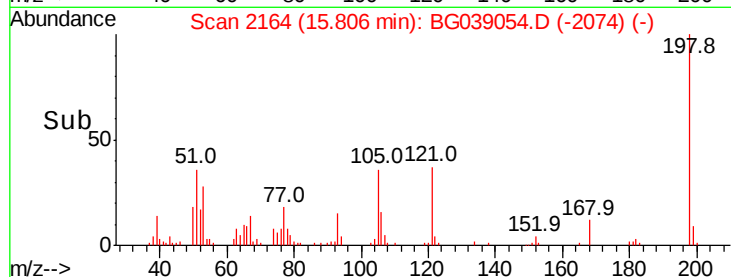
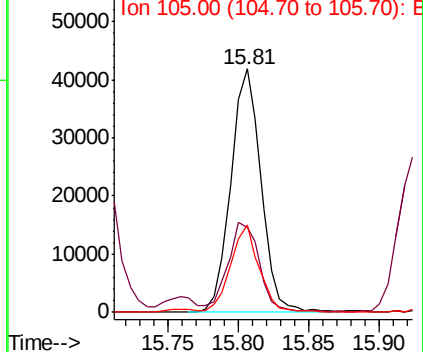
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.714 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	20.8	60.8
105	35.7	16.1	56.1

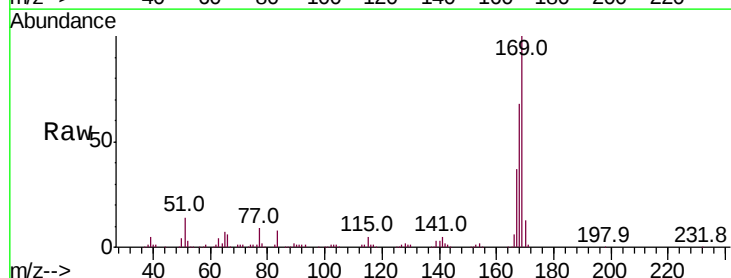


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

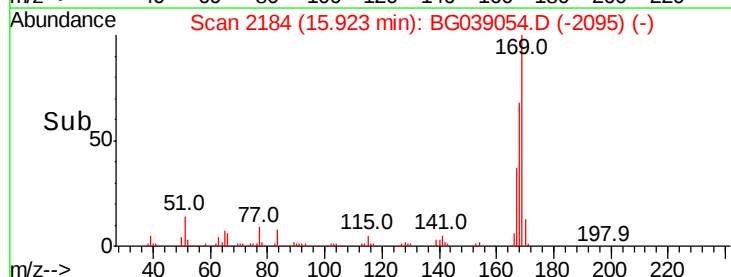
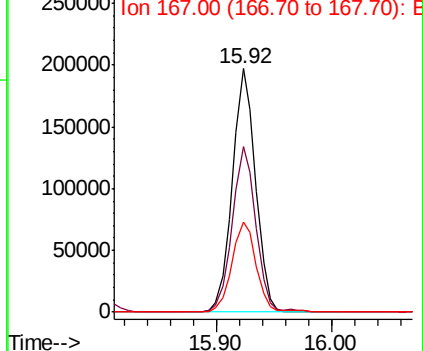


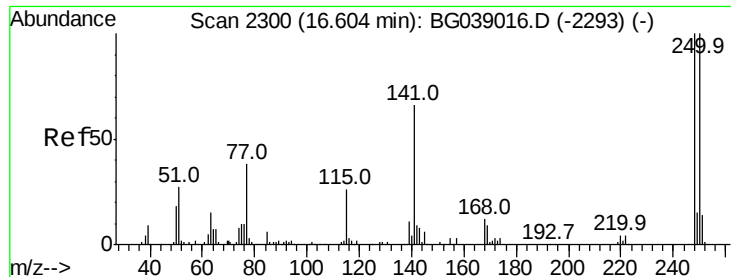
#66
 n-Nitrosodiphenylamine
 Concen: 41.288 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.8	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

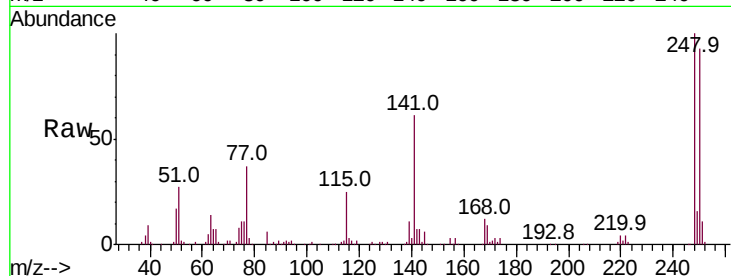




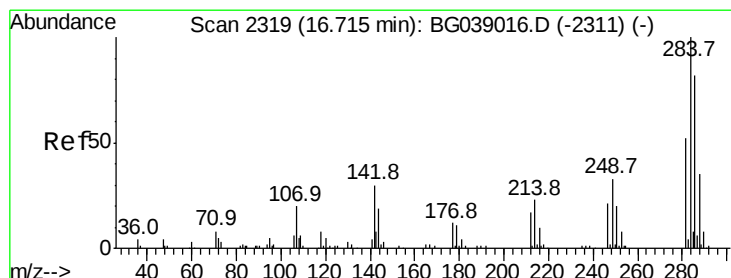
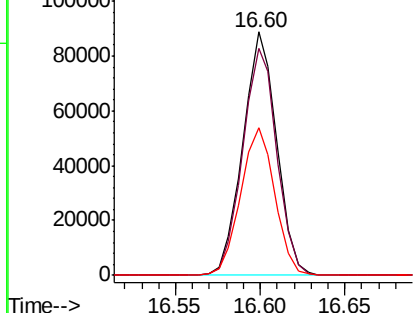
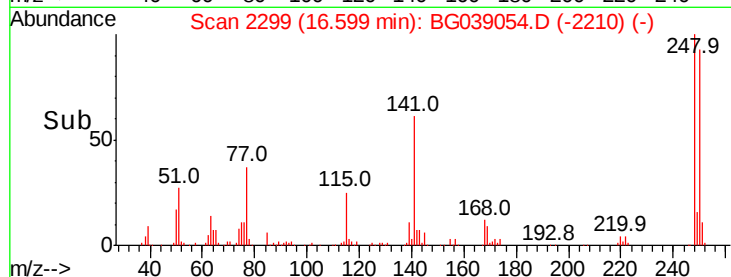
#67
 4-Bromophenyl-phenylether
 Concen: 43.058 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 123463
 Ion Ratio Lower Upper
 248 100
 250 93.2 79.9 119.9
 141 60.8 52.7 79.1

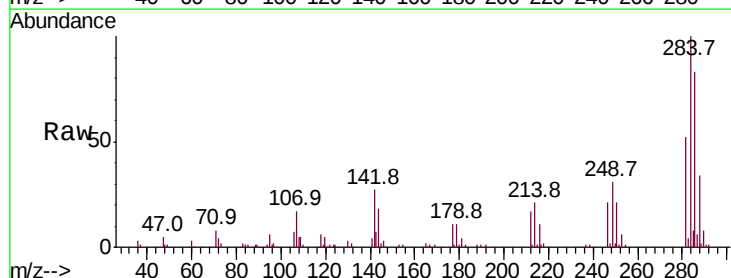


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

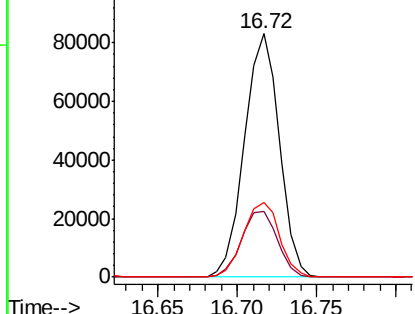
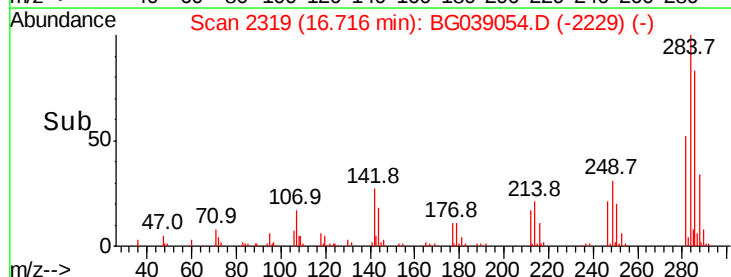


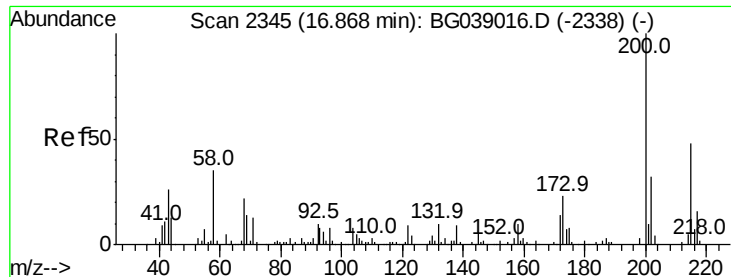
#68
 Hexachlorobenzene
 Concen: 40.505 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:284 Resp: 126733
 Ion Ratio Lower Upper
 284 100
 142 27.2 24.3 36.5
 249 33.3 27.8 41.8



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

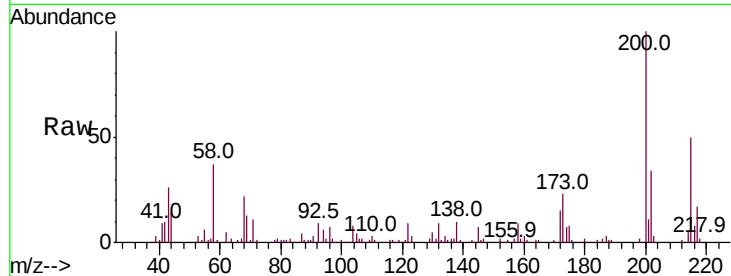




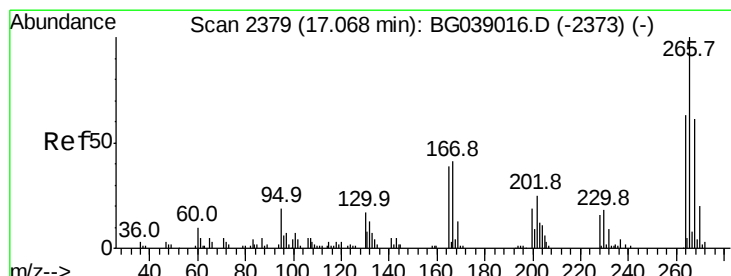
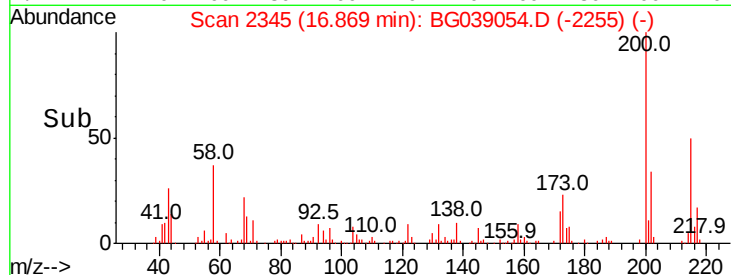
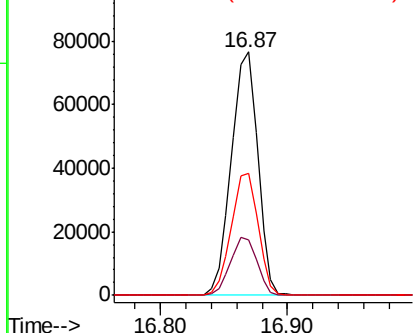
#69
Atrazine
Concen: 39.344 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.6	42.6
215	49.9	28.0	68.0

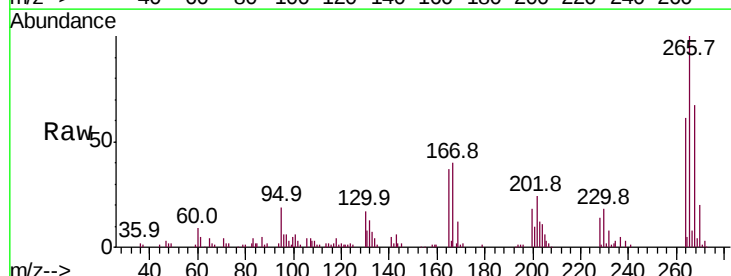


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

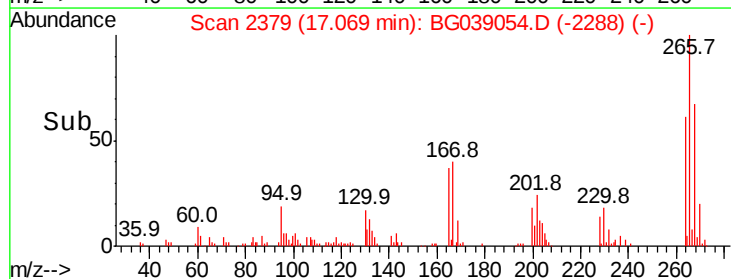
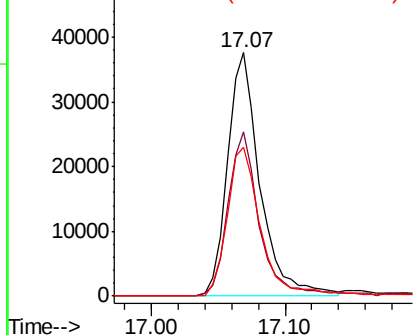


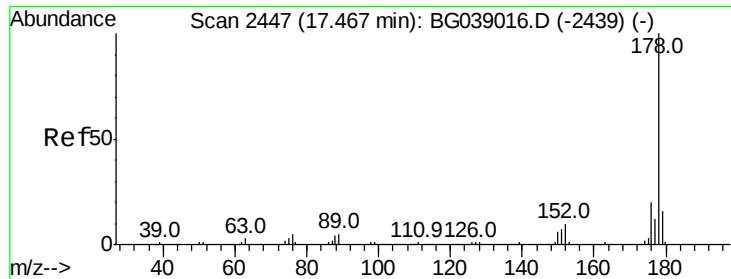
#70
Pentachlorophenol
Concen: 36.442 ng
RT: 17.07 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	52.0	78.0
264	66.8	54.6	81.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

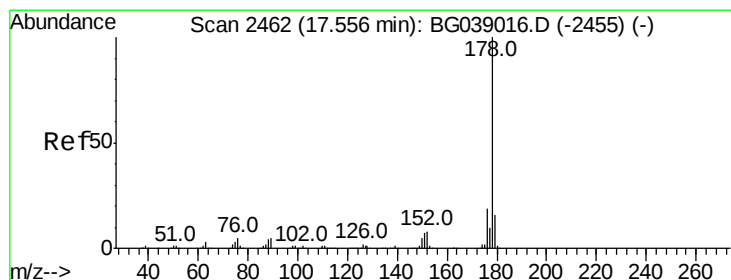
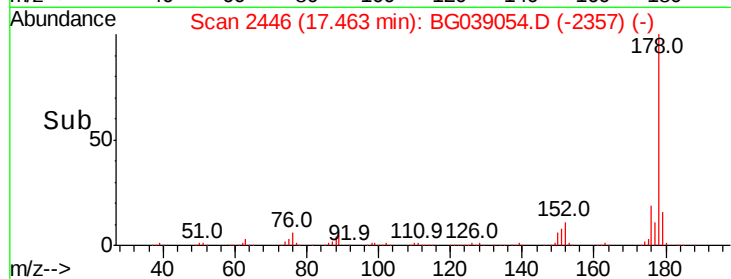
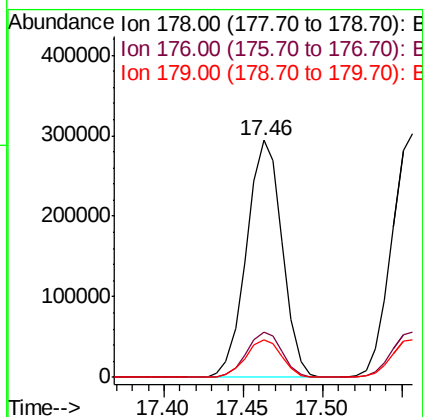
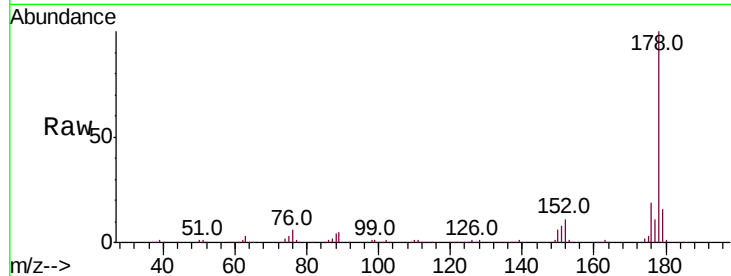




#71
Phenanthrene
Concen: 38.895 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

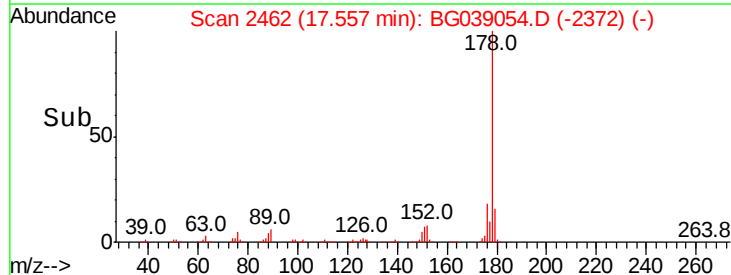
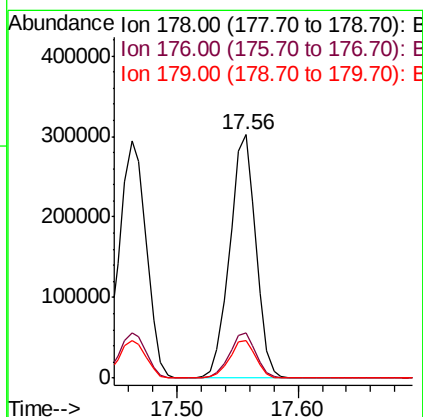
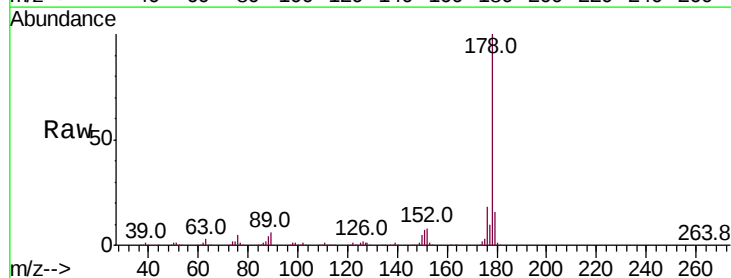
Instrument :
BNA_G
ClientSampleId :

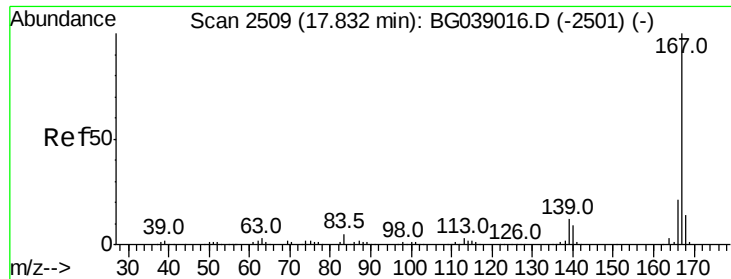
Tot Ion:178 Resp: 458580
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 16.0 12.9 19.3



#72
Anthracene
Concen: 38.899 ng
RT: 17.56 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG039054.D
Acq: 10 Jan 2019 16:04

Tgt Ion:178 Resp: 453461
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.6 13.0 19.4

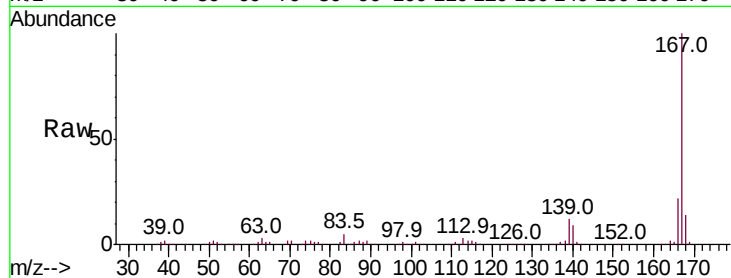




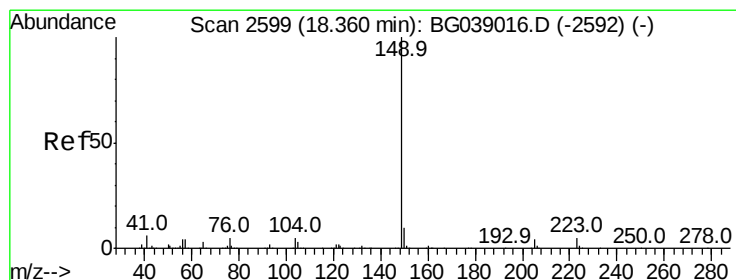
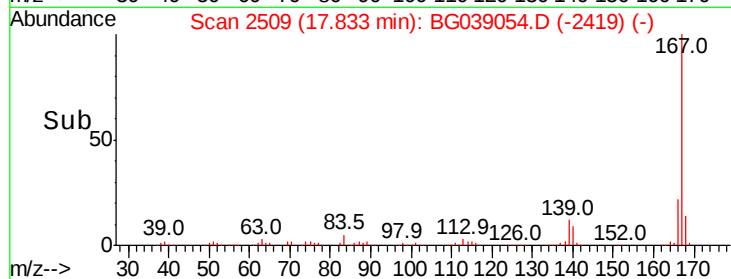
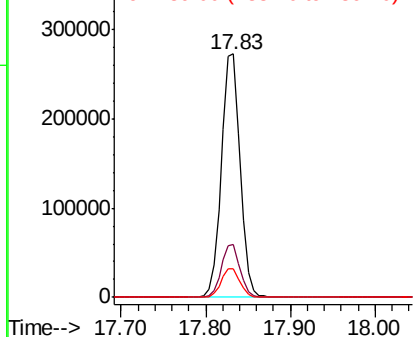
#73
 Carbazole
 Concen: 36.611 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 421324
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.9 25.3
 139 11.9 10.0 15.0

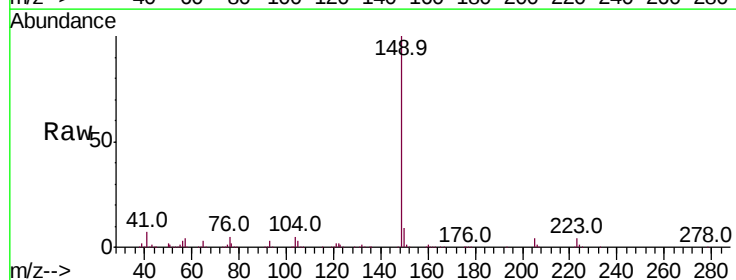


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

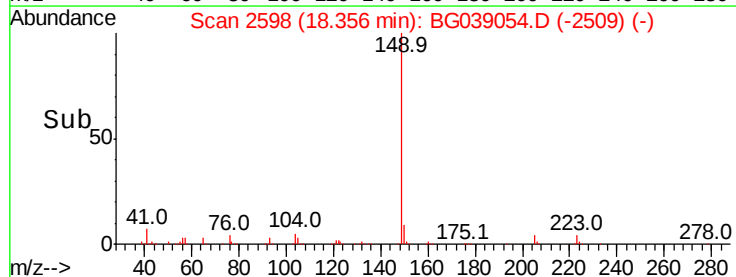
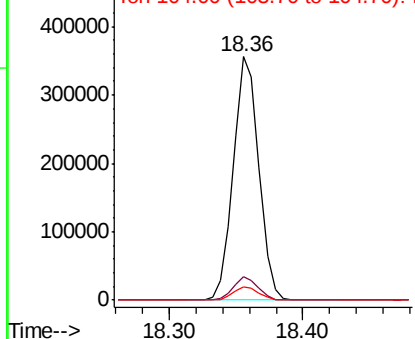


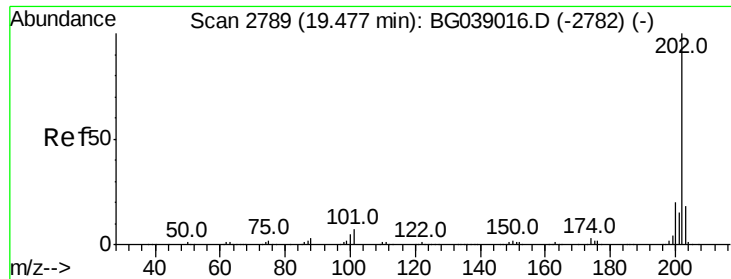
#74
 Di-n-butylphthalate
 Concen: 36.997 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:149 Resp: 473643
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

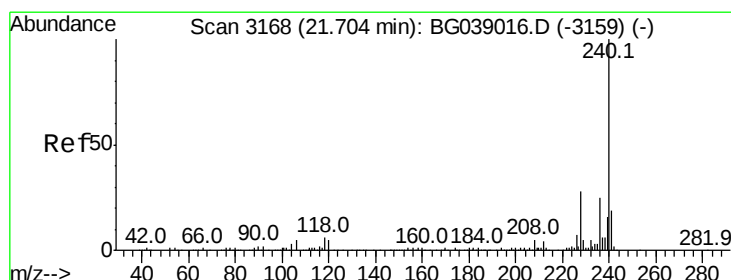
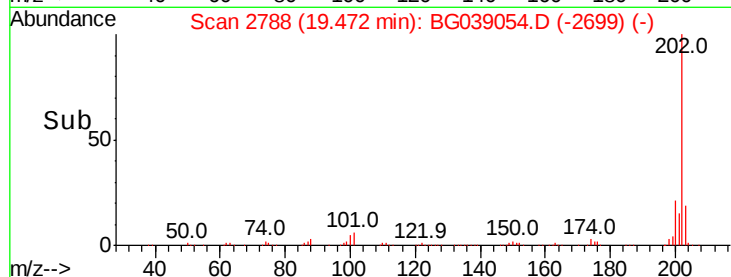
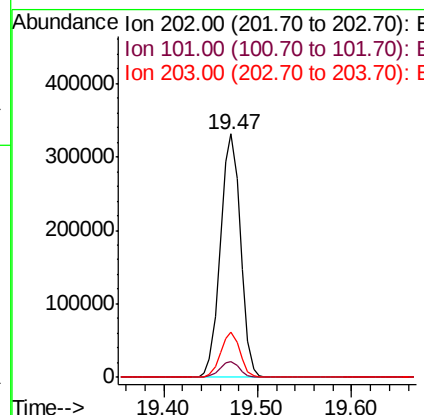
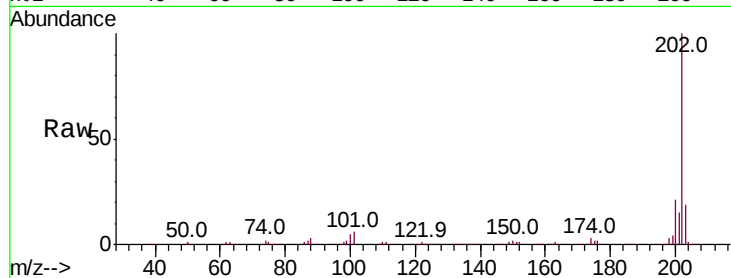




#75
 Fluoranthene
 Concen: 34.035 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

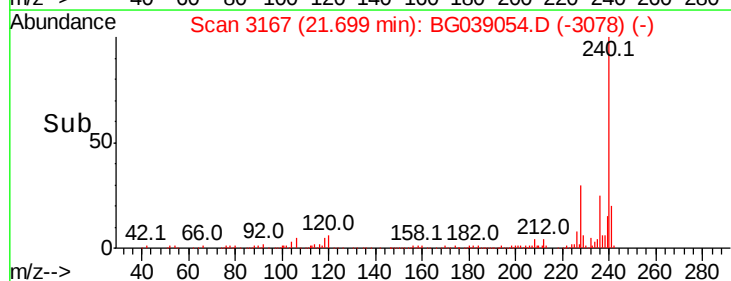
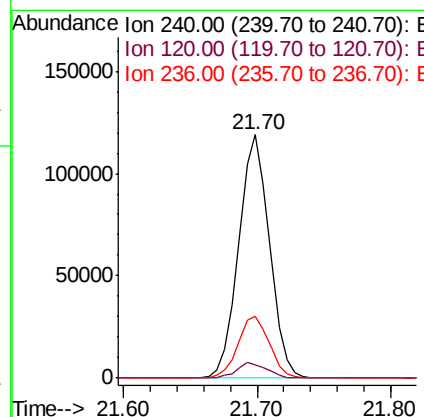
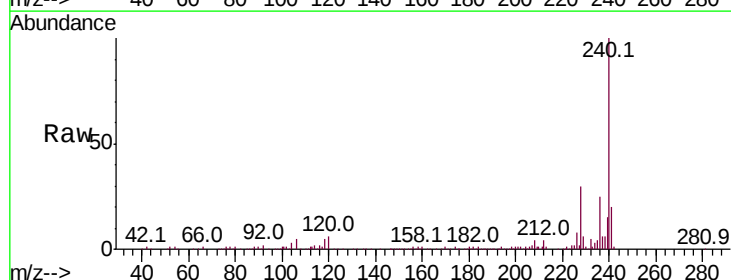
Instrument :
 BNA_G
 ClientSampleId :

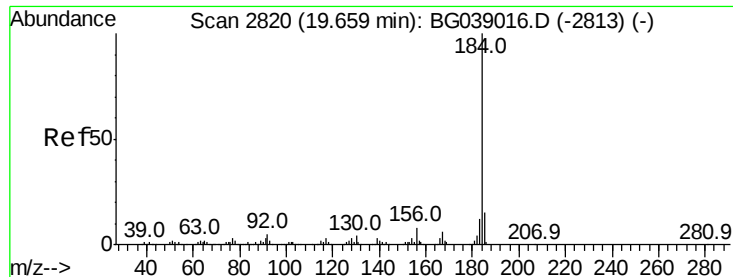
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.9
203	18.6	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.3	6.5
236	25.3	20.1	30.1





#77

Benzidine

Concen: 37.343 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

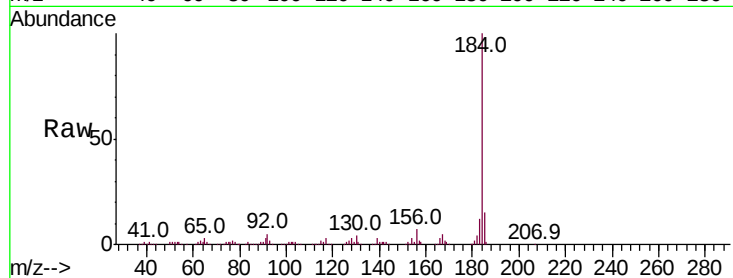
Tot Ion:184 Resp: 217113

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

200000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

150000

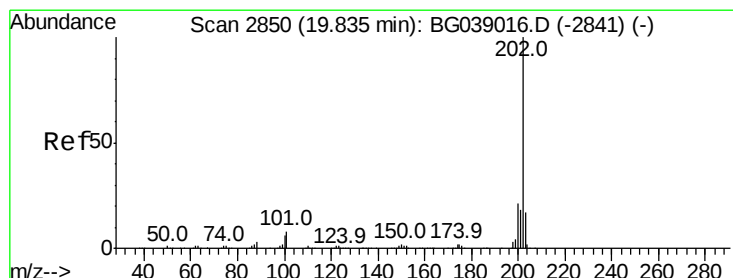
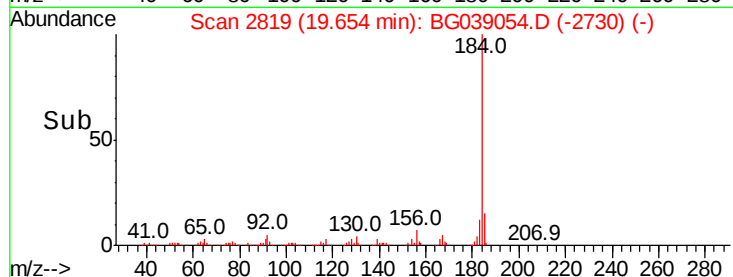
19.65

100000

50000

0

Time--> 19.60 19.70 19.80



#78

Pyrene

Concen: 40.599 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

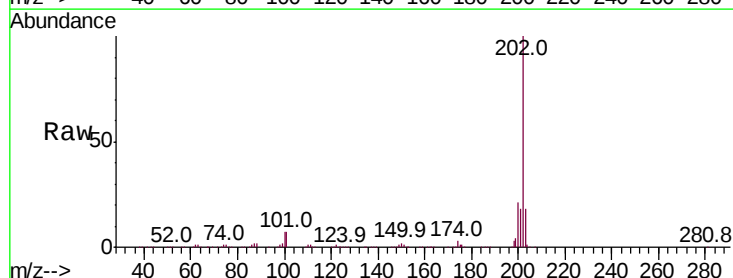
Tgt Ion:202 Resp: 491807

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 18.0 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

400000

19.84

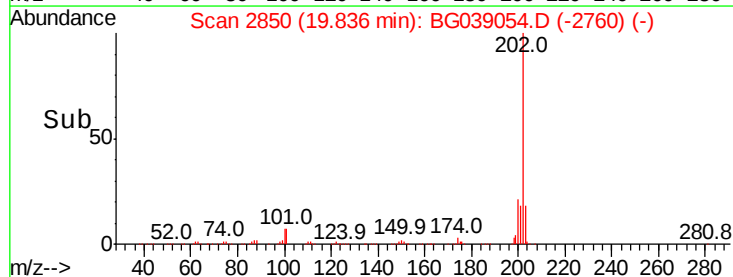
300000

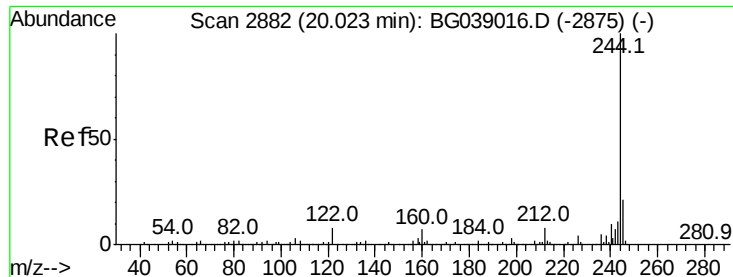
200000

100000

0

Time--> 19.80 19.90

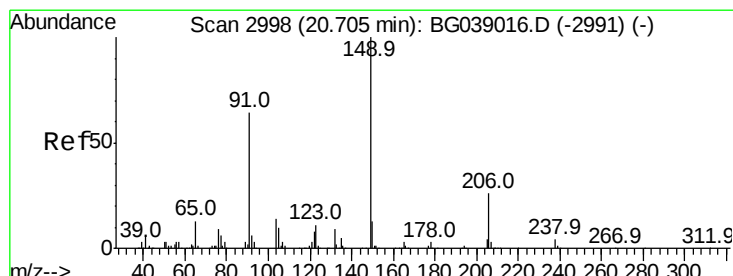
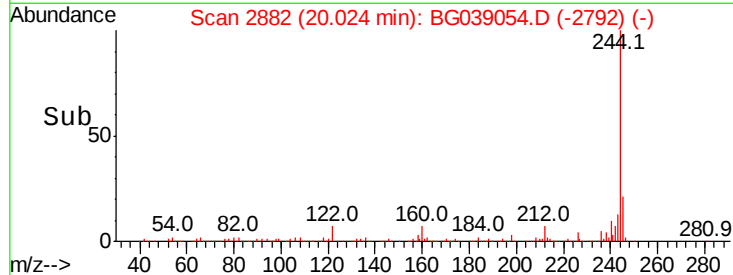
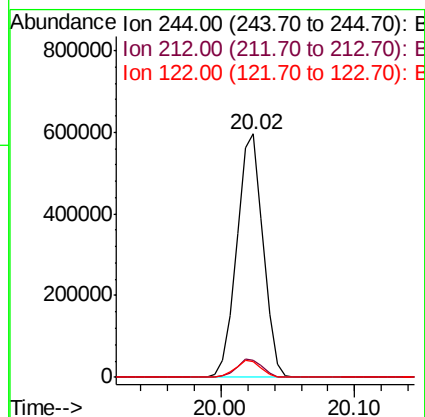
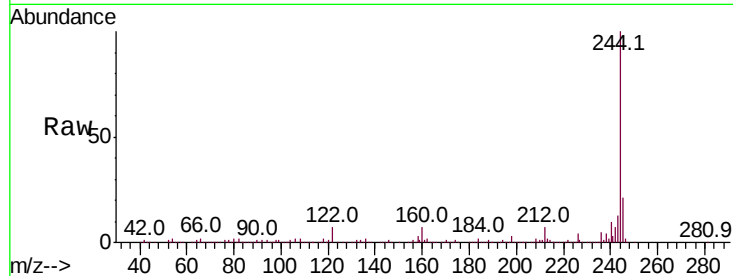




#79
 Terphenyl-d14
 Concen: 78.884 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

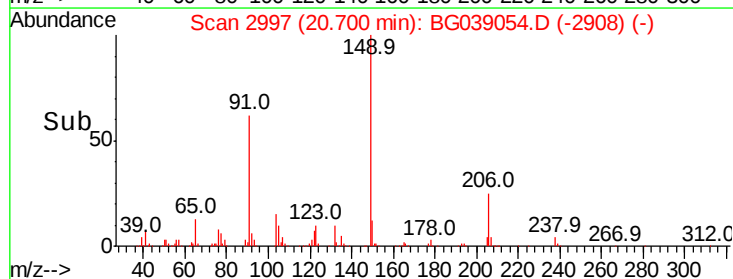
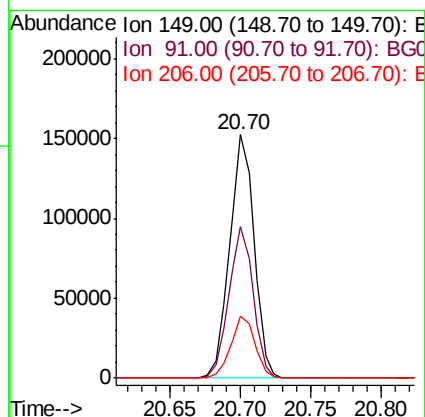
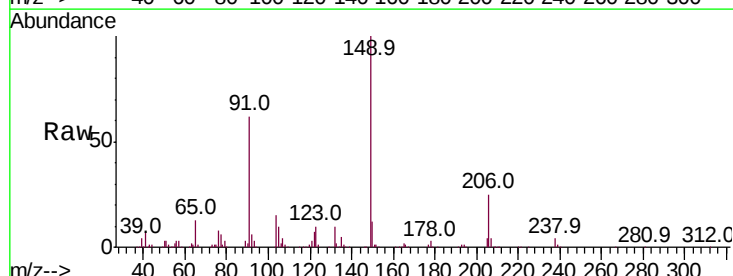
Instrument :
 BNA_G
 ClientSampleId :

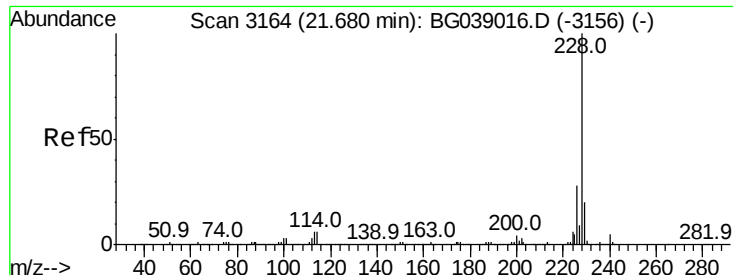
Tot Ion:244 Resp: 810566
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 6.1 9.1



#80
 Butylbenzylphthalate
 Concen: 39.929 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: BG039054.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:149 Resp: 183966
 Ion Ratio Lower Upper
 149 100
 91 62.3 51.4 77.0
 206 25.4 20.4 30.6





#81

Benzo(a)anthracene

Concen: 39.578 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

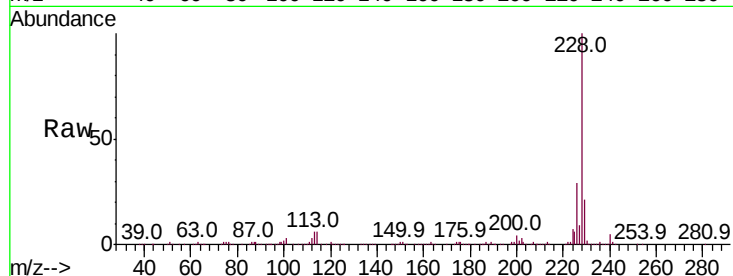
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 457968

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.4	33.6
229	20.9	16.2	24.2

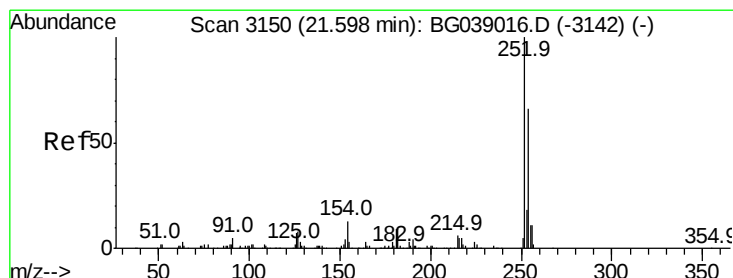
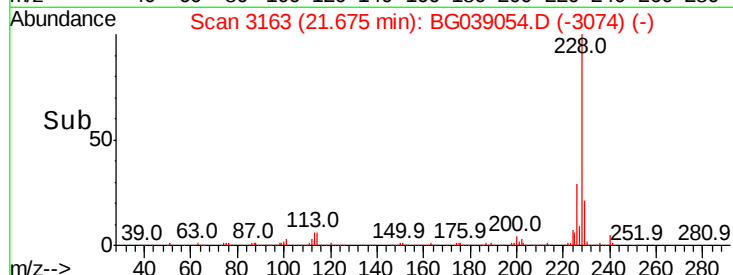
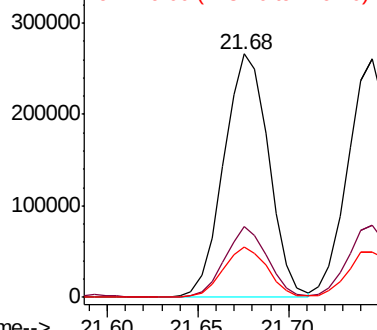


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.037 ng

RT: 21.59 min Scan# 3149

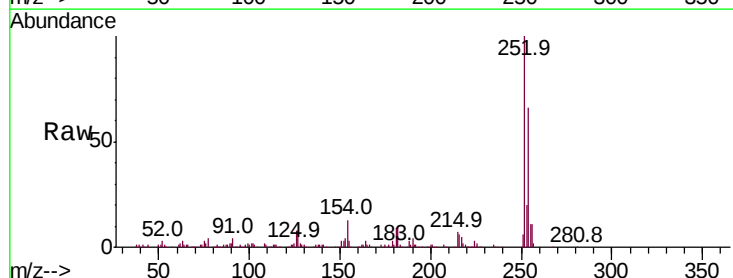
Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion:252 Resp: 188763

Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.6
126	7.6	6.0	9.0

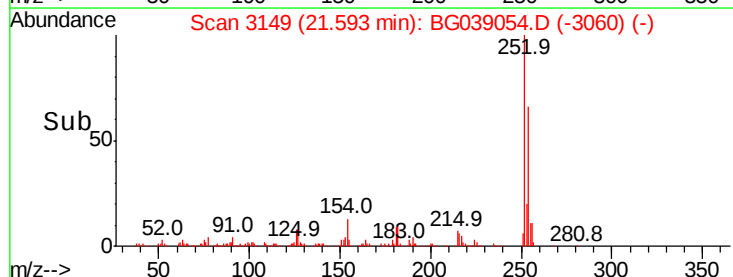
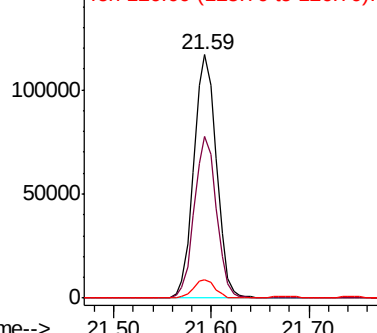


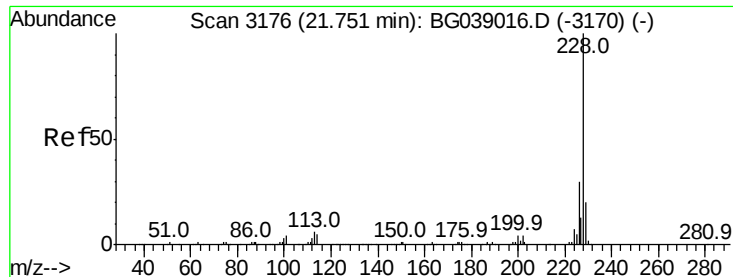
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.541 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

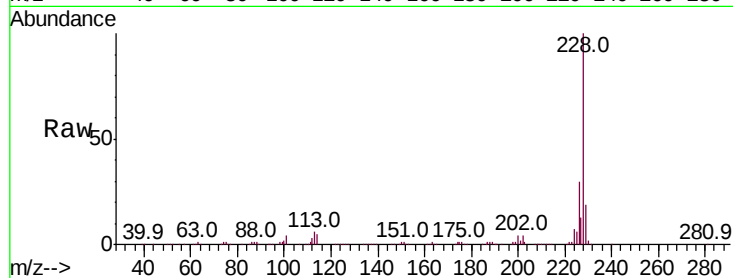
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 435168

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.0	16.0	24.0

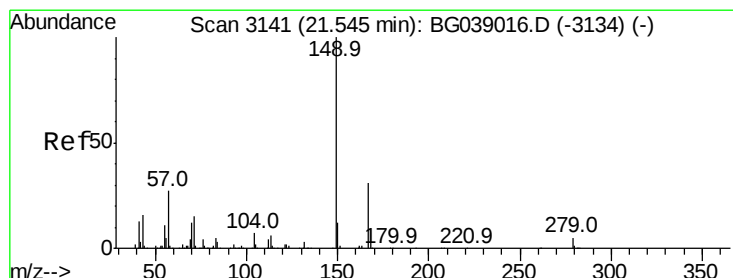
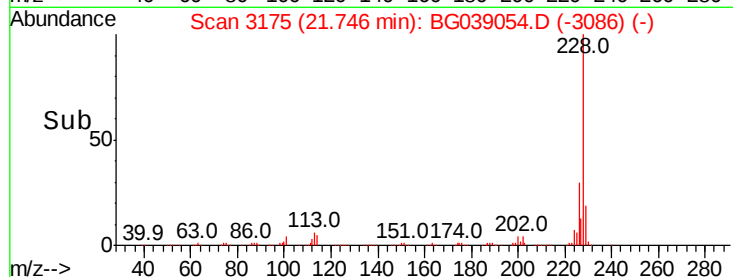
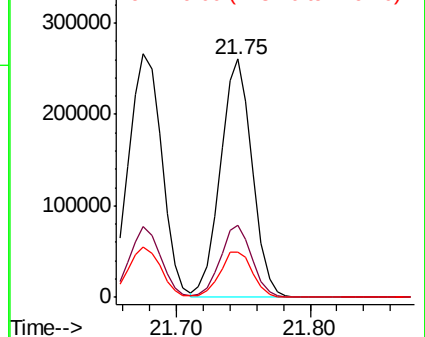


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.617 ng

RT: 21.54 min Scan# 3140

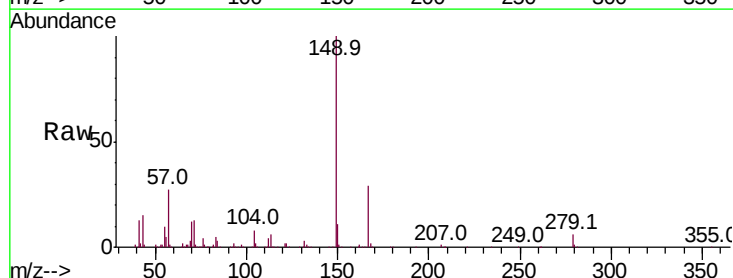
Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Tgt Ion:149 Resp: 259843

Ion	Ratio	Lower	Upper
149	100		
167	28.9	25.0	37.4
279	5.7	4.3	6.5

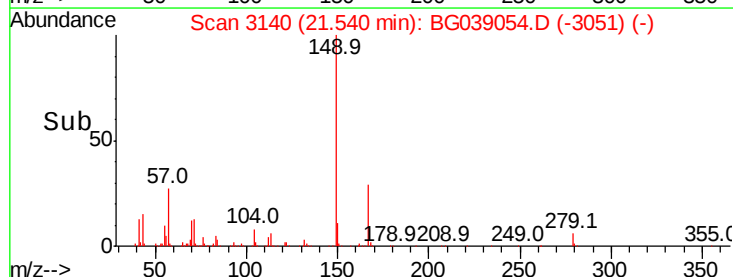
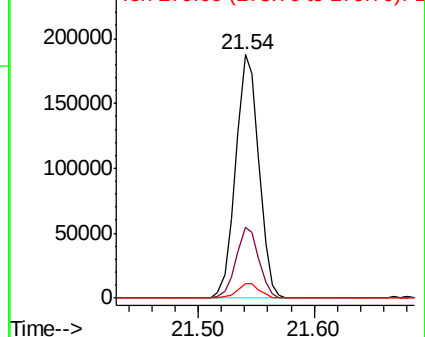


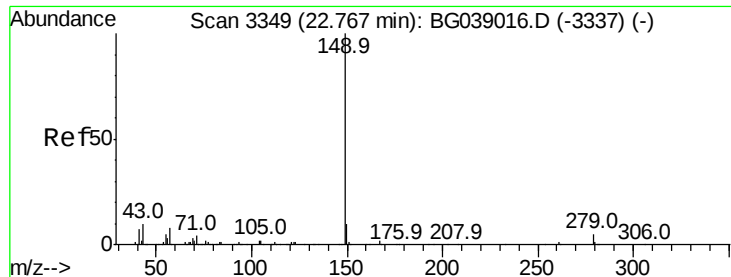
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.785 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

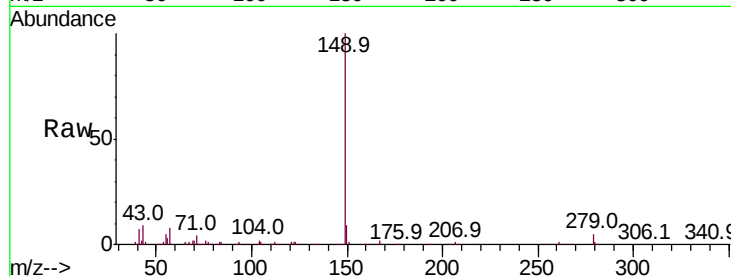
Tot Ion:149 Resp: 441192

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

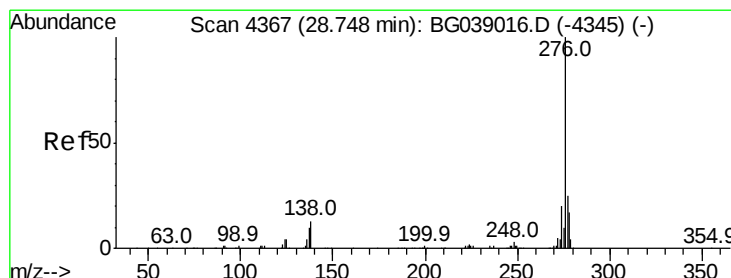
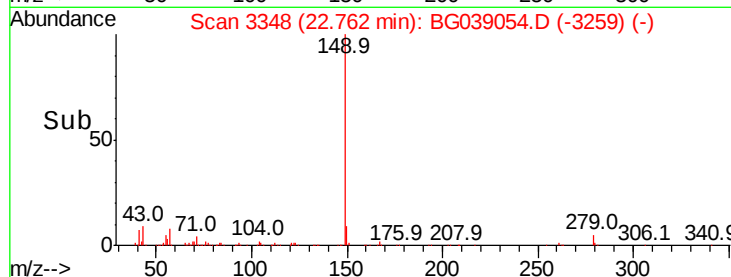
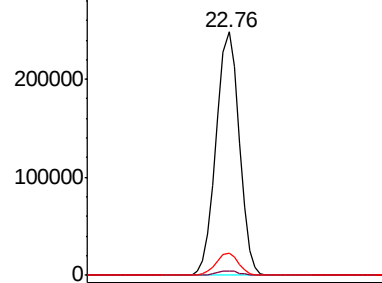
43 9.2 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.586 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

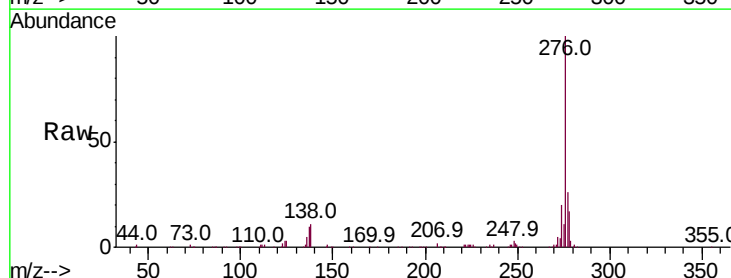
Tgt Ion:276 Resp: 533717

Ion Ratio Lower Upper

276 100

138 10.5 8.0 12.0

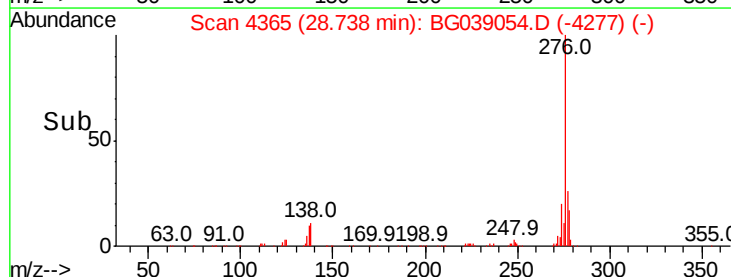
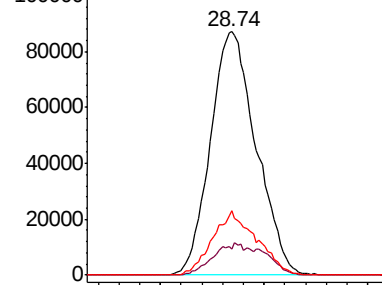
277 25.5 20.3 30.5

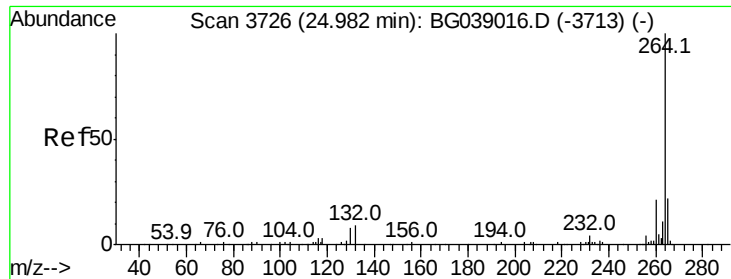


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

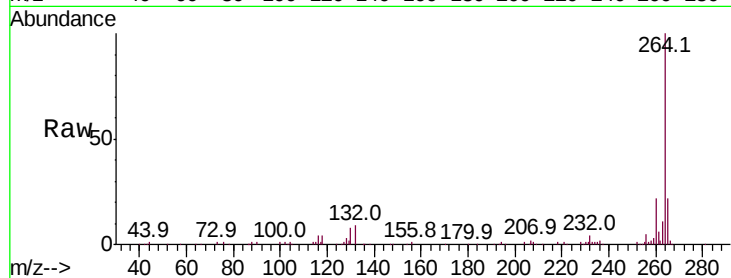
Tot Ion:264 Resp: 205219

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

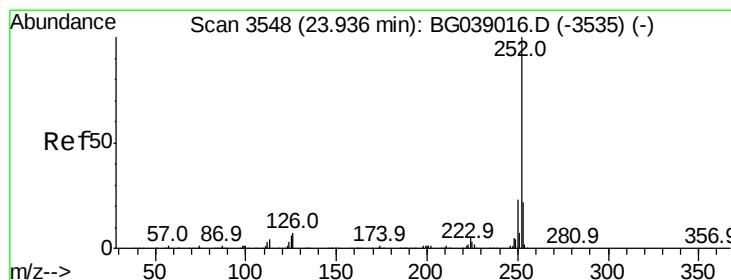
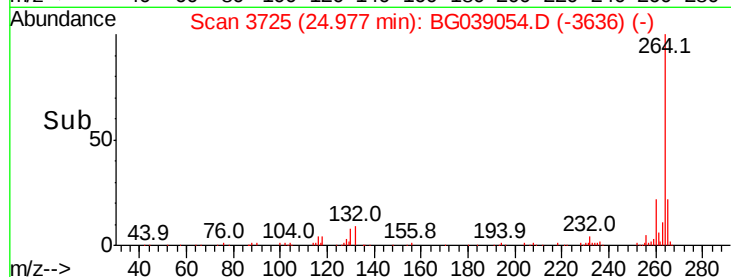
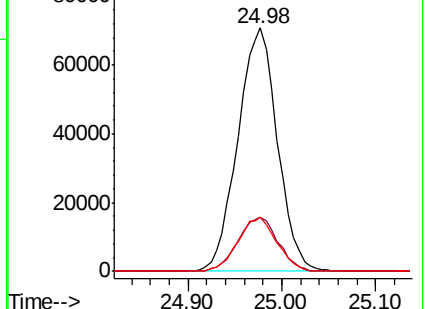
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.582 ng

RT: 23.93 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

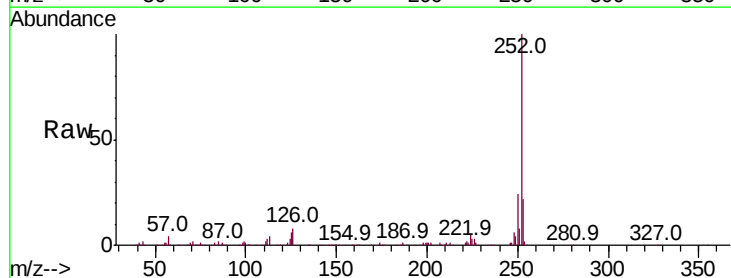
Tgt Ion:252 Resp: 459219

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

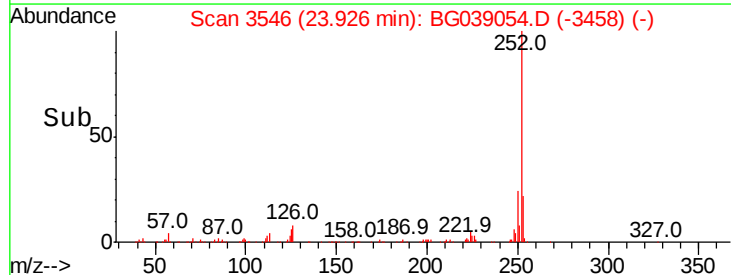
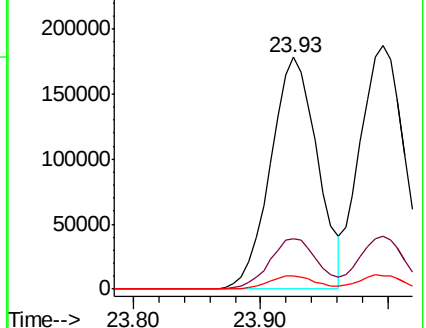
125 5.9 4.9 7.3

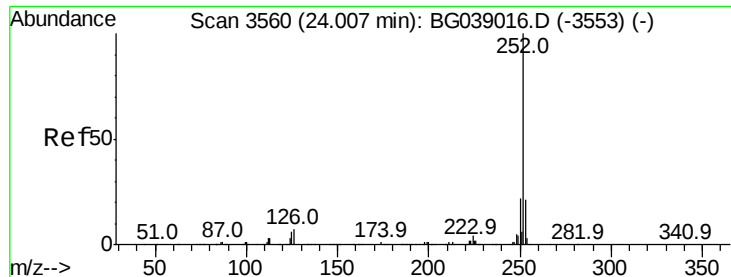


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.676 ng

RT: 24.00 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampleId :

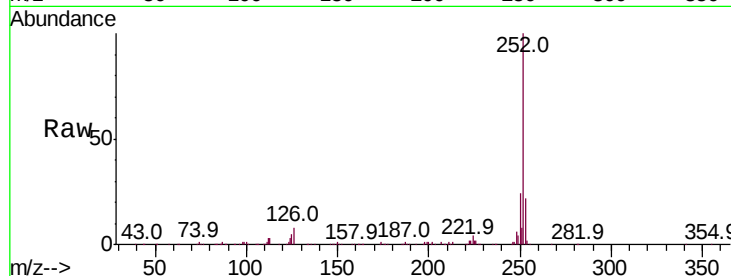
Tot Ion:252 Resp: 455088

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 5.5 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

250000

200000

150000

100000

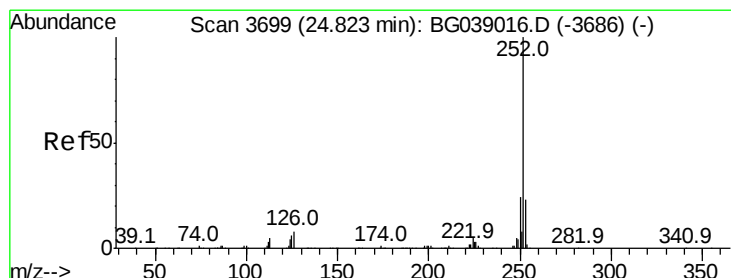
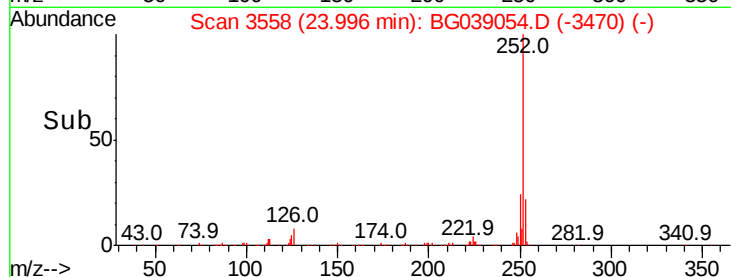
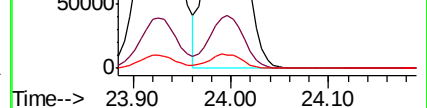
50000

0

23.90

24.00

24.10



#90

Benzo(a)pyrene

Concen: 40.872 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

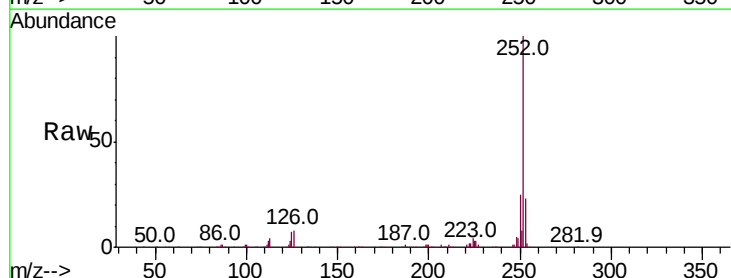
Tgt Ion:252 Resp: 447040

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

125 6.5 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

200000

150000

100000

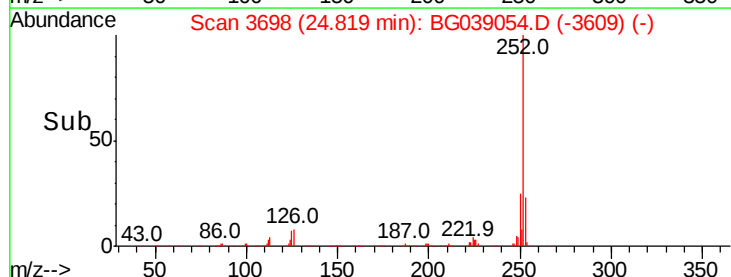
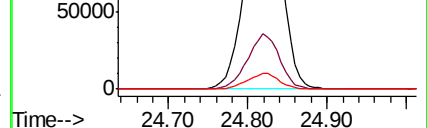
50000

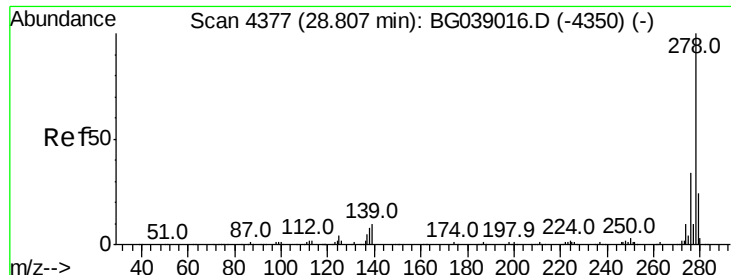
0

24.70

24.82

24.90





#91

Dibenzo(a,h)anthracene

Concen: 40.749 ng

RT: 28.80 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_G

ClientSampled :

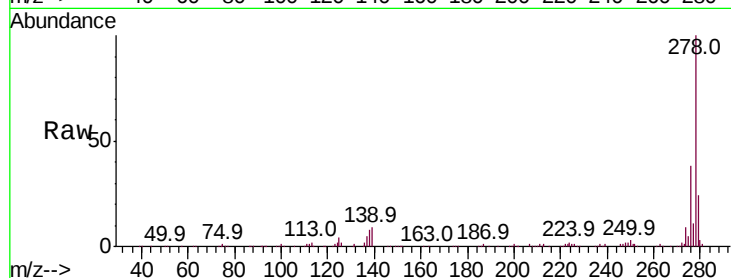
Tot Ion:278 Resp: 443320

Ion Ratio Lower Upper

278 100

139 9.5 7.9 11.9

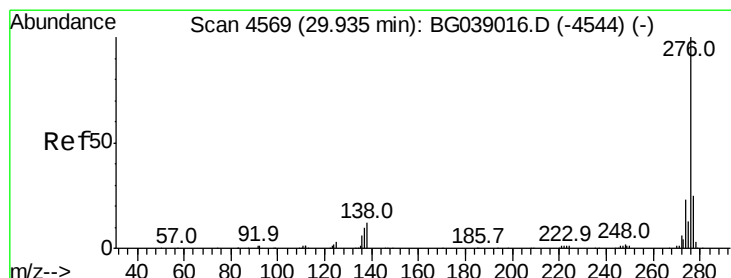
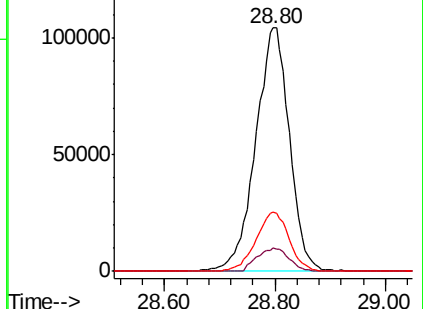
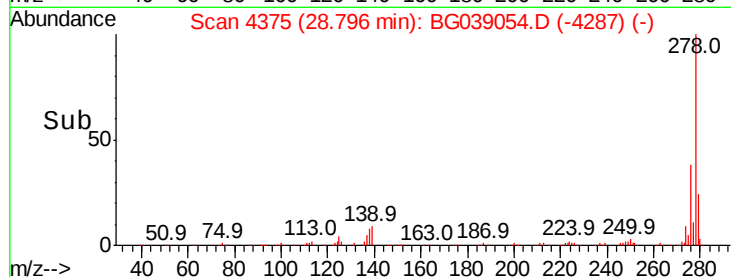
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.581 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.02 min

Lab File: BG039054.D

Acq: 10 Jan 2019 16:04

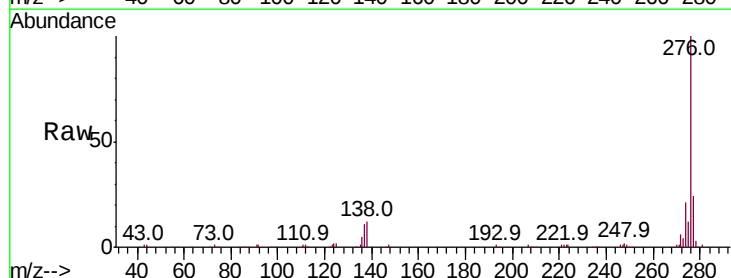
Tgt Ion:276 Resp: 437073

Ion Ratio Lower Upper

276 100

277 23.6 20.3 30.5

138 12.1 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

