

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039102.D
 Acq On : 12 Jan 2019 1:59
 Operator : JU/SJ
 Sample : PB116333BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 03:12:13 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	23385	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117267	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	94390	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	246181	20.00	ng	0.00
76) Chrysene-d12	21.69	240	204413	20.00	ng	-0.01
87) Perylene-d12	24.96	264	224807	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	228802	185.60	ng	0.00
7) Phenol-d6	7.19	99	318606	179.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	191208	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	204326	129.14	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	553269	80.22	ng	0.00
79) Terphenyl-d14	20.02	244	979335	88.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	17192	35.613	ng	97
3) Pyridine	3.85	79	53508	40.792	ng	87
4) n-Nitrosodimethylamine	3.78	42	29095	49.291	ng	86
6) Aniline	7.35	93	40956	19.223	ng	97
8) 2-Chlorophenol	7.59	128	80711	55.542	ng	96
9) Benzaldehyde	7.17	77	24089	23.545	ng	94
10) Phenol	7.22	94	109581	61.609	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	65629	48.278	ng	98
12) 1,3-Dichlorobenzene	7.91	146	70023	40.219	ng	98
13) 1,4-Dichlorobenzene	8.06	146	73368	41.609	ng	98
14) 1,2-Dichlorobenzene	8.38	146	75258	44.764	ng	99
15) Benzyl Alcohol	8.27	79	79550	59.542	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	125626	48.194	ng	99
17) 2-Methylphenol	8.47	107	80818	65.437	ng	97
18) Hexachloroethane	9.10	117	27003	45.077	ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	63424	54.441	ng	88
20) 3+4-Methylphenols	8.80	107	111445	63.289	ng	98
22) Acetophenone	8.85	105	123193	40.227	ng	# 97
24) Nitrobenzene	9.25	77	93789	43.298	ng	96
25) Isophorone	9.76	82	183237	49.637	ng	97
26) 2-Nitrophenol	9.95	139	51071	43.589	ng	99
27) 2,4-Dimethylphenol	10.01	122	89566	54.336	ng	91
28) bis(2-Chloroethoxy)methane	10.24	93	105169	47.403	ng	97
29) 2,4-Dichlorophenol	10.49	162	108610	53.037	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	97205	39.506	ng	99
31) Naphthalene	10.89	128	266205	45.262	ng	100
32) Benzoic acid	10.17	122	28799	32.263	ng	98
33) 4-Chloroaniline	11.01	127	30159	11.460	ng	96
34) Hexachlorobutadiene	11.15	225	61204	36.150	ng	97
35) Caprolactam	11.80	113	27092	32.992	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	119464	54.543	ng	89
37) 2-Methylnaphthalene	12.50	142	217813	49.396	ng	100
38) 1-Methylnaphthalene	12.71	142	208859	49.347	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	145357	41.005	ng	99

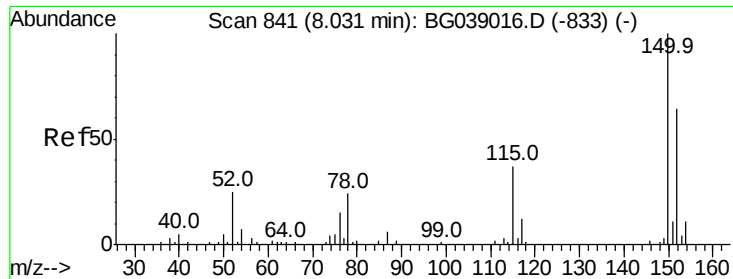
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	143887	72.638	ng	95
43) 2,4,6-Trichlorophenol	13.10	196	100389	44.996	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	108085	45.837	ng	97
46) 1,1'-Biphenyl	13.50	154	299673	40.067	ng	98
47) 2-Chloronaphthalene	13.55	162	239980	39.650	ng	97
48) 2-Nitroaniline	13.77	65	76175	44.925	ng	92
49) Acenaphthylene	14.39	152	409190	44.980	ng	99
50) Dimethylphthalate	14.12	163	345006	43.253	ng	99
51) 2,6-Dinitrotoluene	14.25	165	77372	43.387	ng	97
52) Acenaphthene	14.73	154	234895	42.976	ng	93
53) 3-Nitroaniline	14.59	138	21005	11.611	ng	97
54) 2,4-Dinitrophenol	14.80	184	41262	41.481	ng	94
55) Dibenzofuran	15.06	168	420509	43.561	ng	99
56) 4-Nitrophenol	14.90	139	107199	82.355	ng	91
57) 2,4-Dinitrotoluene	15.04	165	116498	45.534	ng	98
58) Fluorene	15.72	166	363390	50.011	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104456	46.927	ng	98
60) Diethylphthalate	15.47	149	374227	45.537	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	204013	44.566	ng	99
62) 4-Nitroaniline	15.76	138	85977	45.621	ng	90
63) Azobenzene	15.99	77	302017	46.994	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	50600	27.743	ng	96
66) n-Nitrosodiphenylamine	15.92	169	328795	45.053	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	133248	42.107	ng	97
68) Hexachlorobenzene	16.71	284	137078	39.697	ng	99
69) Atrazine	16.86	200	127327	41.069	ng	98
70) Pentachlorophenol	17.06	266	108522	52.978	ng	96
71) Phenanthrene	17.46	178	570600	43.851	ng	99
72) Anthracene	17.55	178	591136	45.946	ng	99
73) Carbazole	17.83	167	500246	39.387	ng	98
74) Di-n-butylphthalate	18.35	149	605636	42.864	ng	99
75) Fluoranthene	19.47	202	650165	40.305	ng	99
77) Benzidine	19.65	184	119078	19.046	ng	98
78) Pyrene	19.83	202	609454	46.784	ng	99
80) Butylbenzylphthalate	20.70	149	225926	45.599	ng	100
81) Benzo(a)anthracene	21.67	228	560023	45.005	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	86037	16.970	ng	98
83) Chrysene	21.74	228	518165	43.782	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	311512	45.281	ng	97
85) Di-n-octyl phthalate	22.75	149	548291	47.133	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	691321	48.885	ng	# 94
88) Benzo(b)fluoranthene	23.92	252	560704	45.233	ng	99
89) Benzo(k)fluoranthene	23.98	252	559925	45.686	ng	97
90) Benzo(a)pyrene	24.81	252	583816	48.726	ng	# 98
91) Dibenzo(a,h)anthracene	28.78	278	568668	47.716	ng	98
92) Benzo(g,h,i)perylene	29.90	276	545124	46.203	ng	96

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

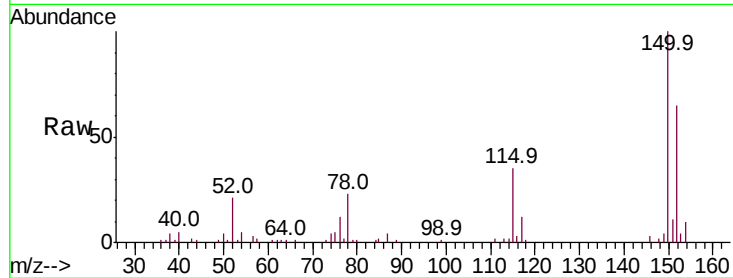


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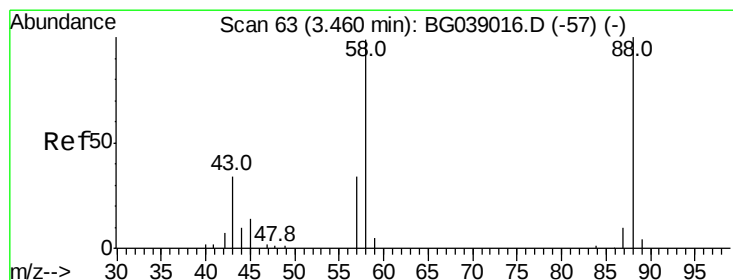
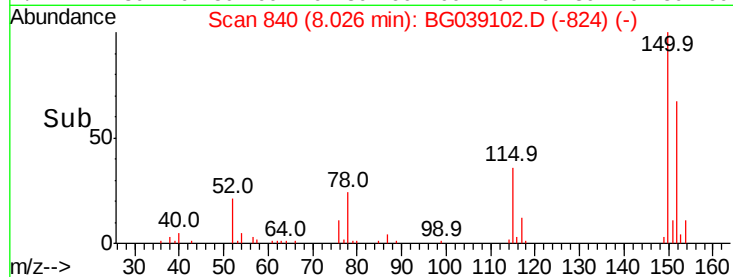
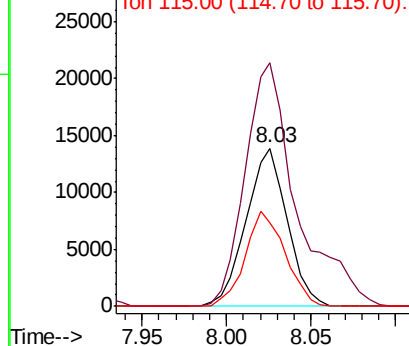
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23385
Ion Ratio Lower Upper
152 100
150 153.9 124.7 187.1
115 53.2 46.5 69.7



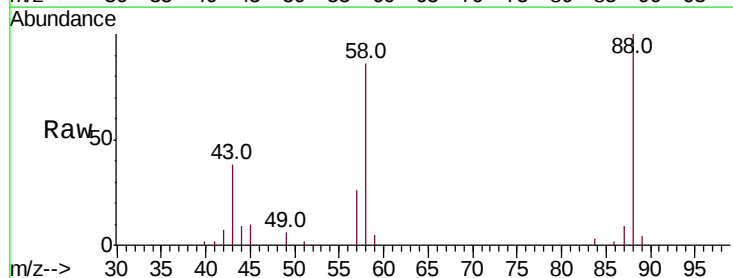
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



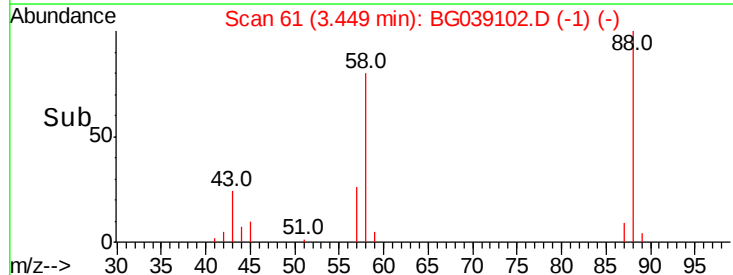
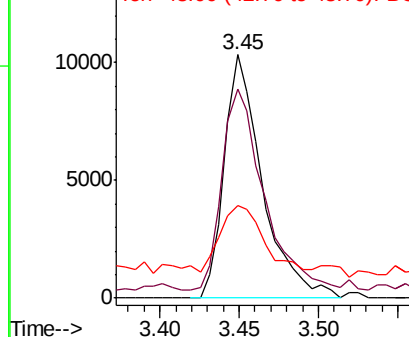
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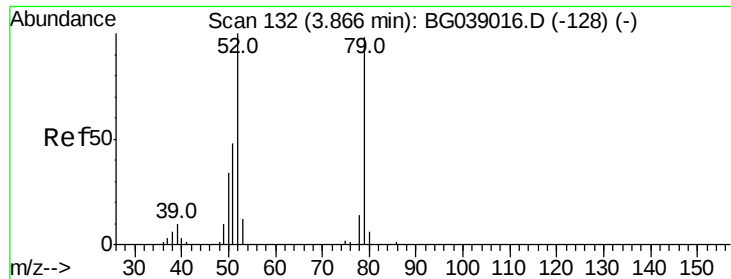
1,4-Dioxane
Concen: 35.613 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion: 88 Resp: 17192
Ion Ratio Lower Upper
88 100
58 91.6 72.4 108.6
43 30.3 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: 40.792 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

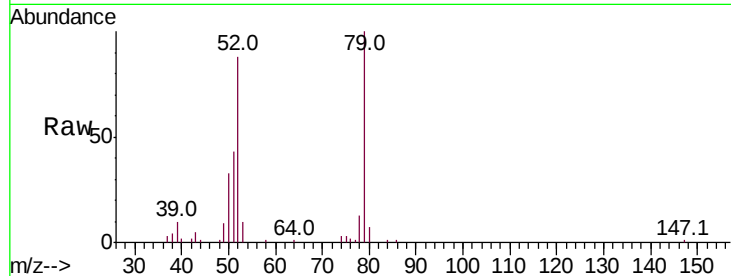
Tot Ion: 79 Resp: 53508

Ion Ratio Lower Upper

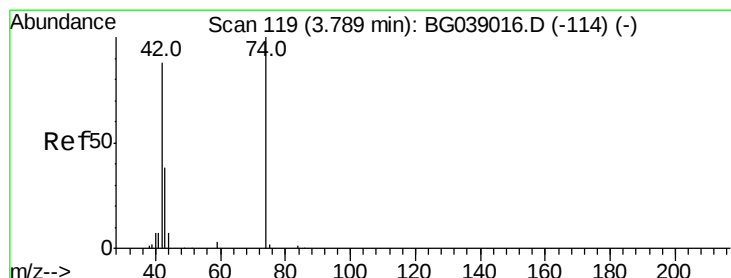
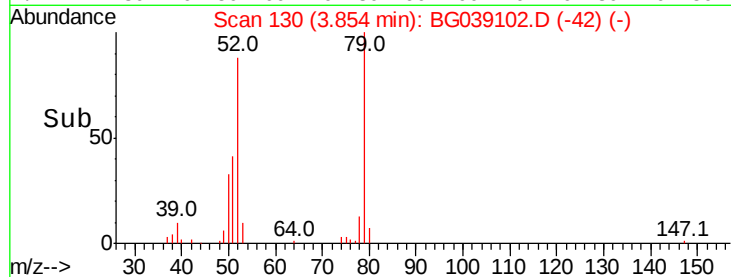
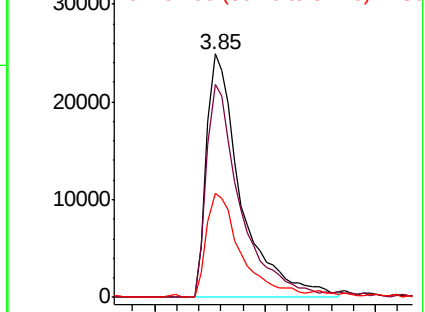
79 100

52 87.6 81.5 122.3

51 42.8 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: 49.291 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

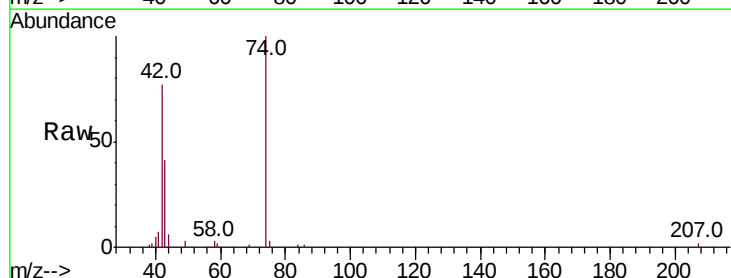
Tgt Ion: 42 Resp: 29095

Ion Ratio Lower Upper

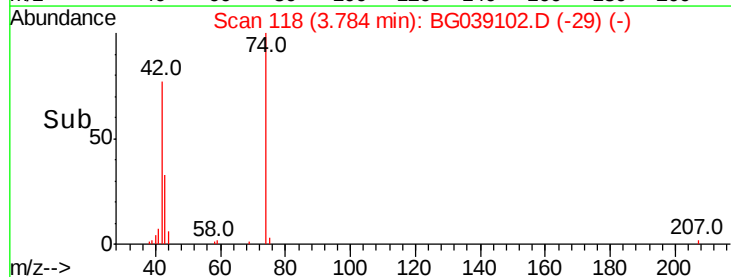
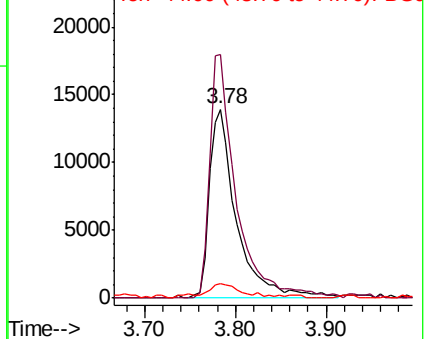
42 100

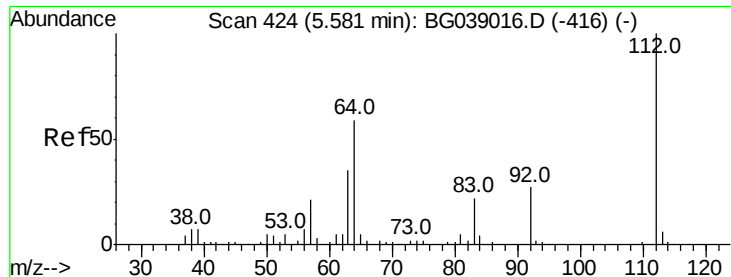
74 129.1 90.7 136.1

44 7.9 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: 185.603 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039102.D

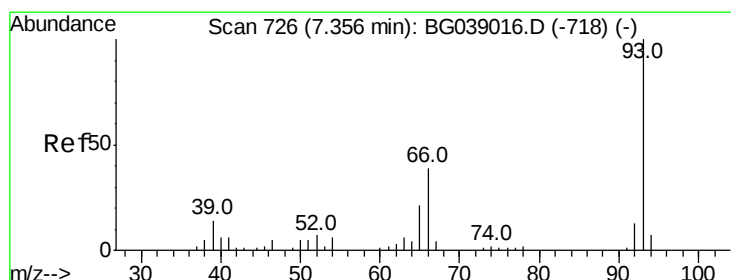
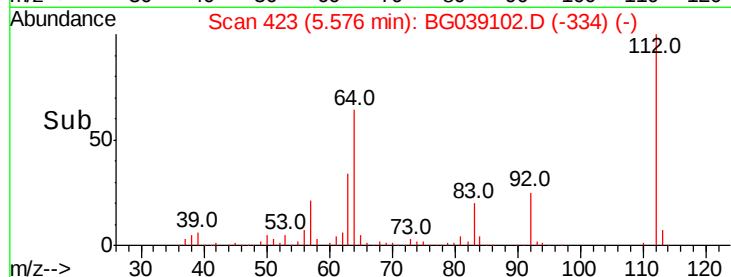
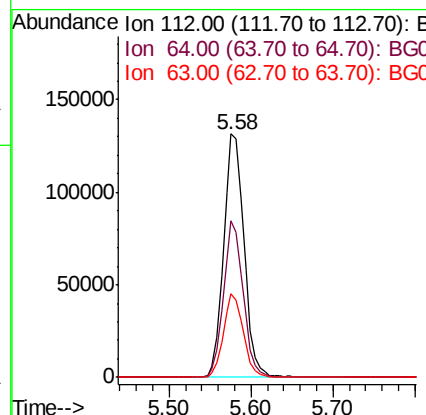
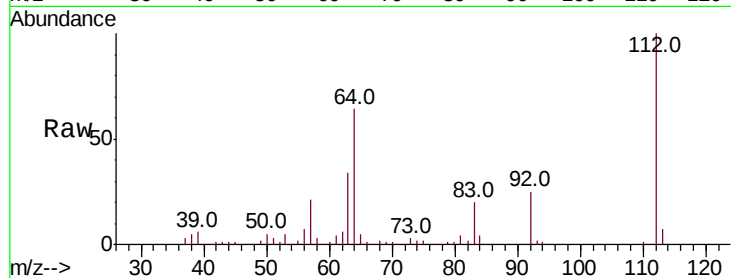
Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	228802
Ion Ratio	Lower	Upper	
112	100		
64	64.4	47.0	70.6
63	34.4	28.0	42.0



#6

Aniline

Concen: 19.223 ng

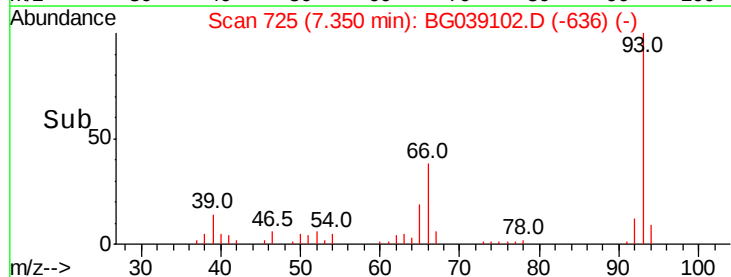
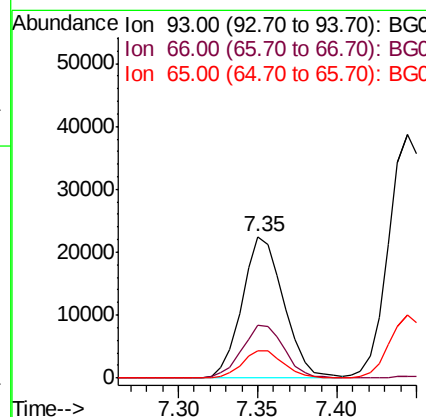
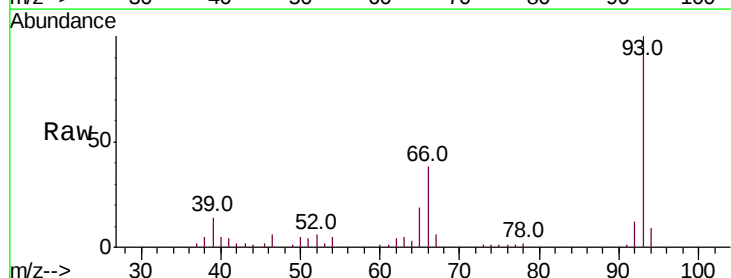
RT: 7.35 min Scan# 725

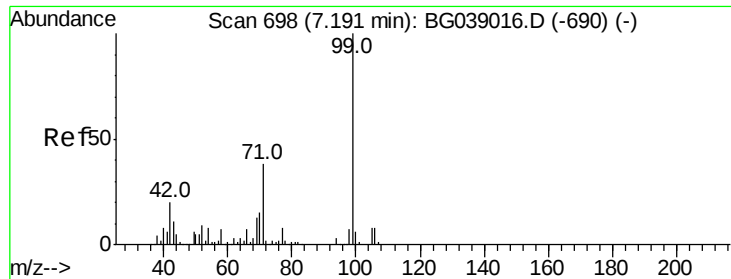
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	93	Resp:	40956
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.9	46.3
65	19.1	17.0	25.4





#7

Phenol-d6

Concen: 179.589 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

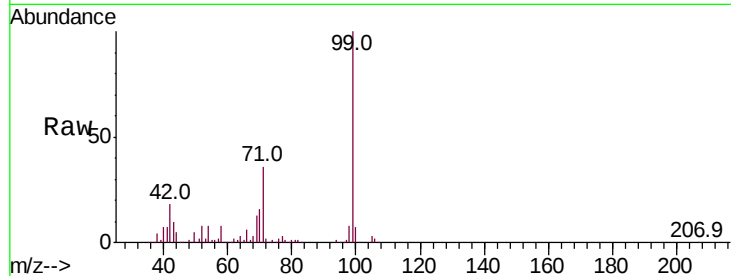
Tot Ion: 99 Resp: 318606

Ion Ratio Lower Upper

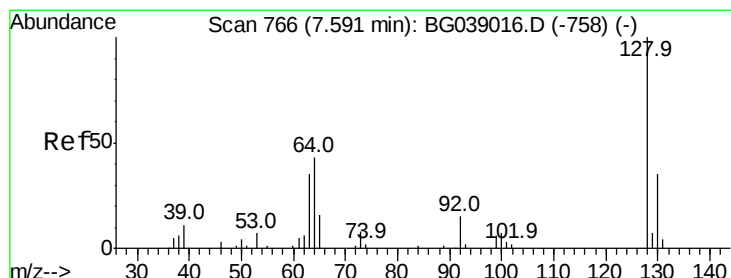
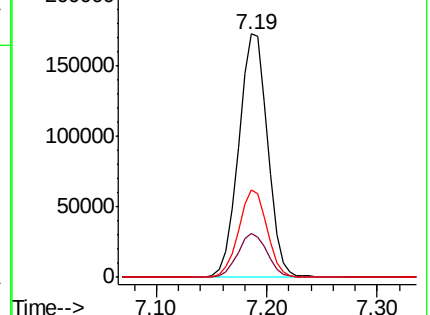
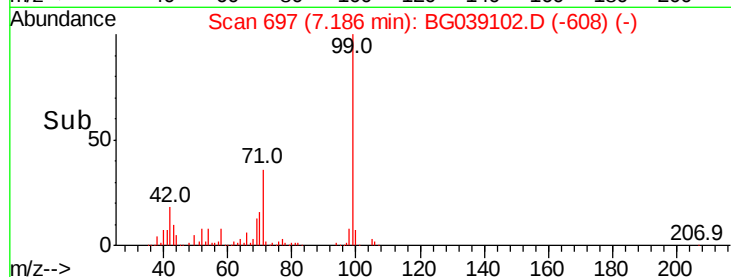
99 100

42 18.0 15.8 23.6

71 36.2 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: 55.542 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

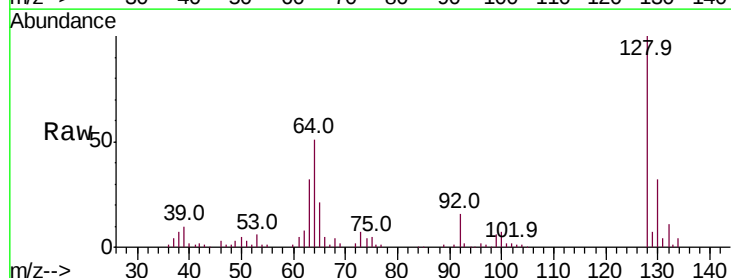
Tgt Ion: 128 Resp: 80711

Ion Ratio Lower Upper

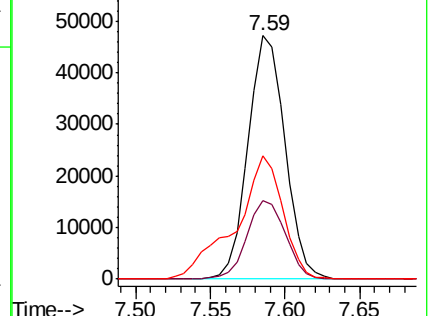
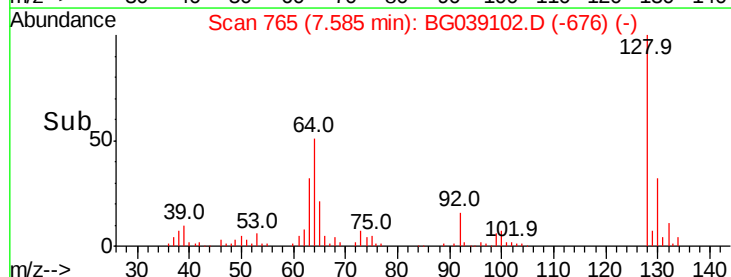
128 100

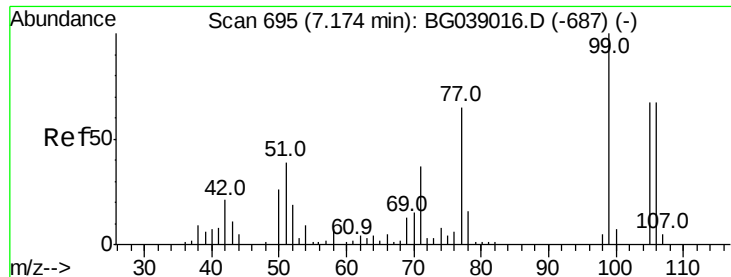
130 32.2 14.5 54.5

64 50.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 23.545 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

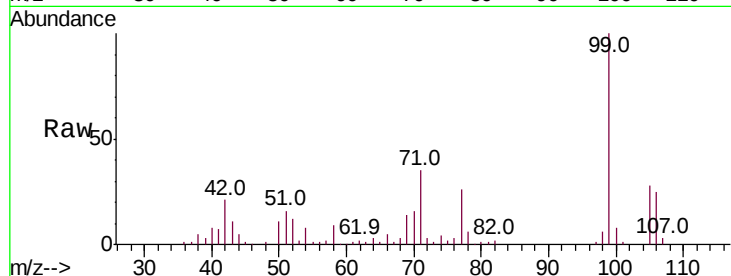
Tot Ion: 77 Resp: 24089

Ion Ratio Lower Upper

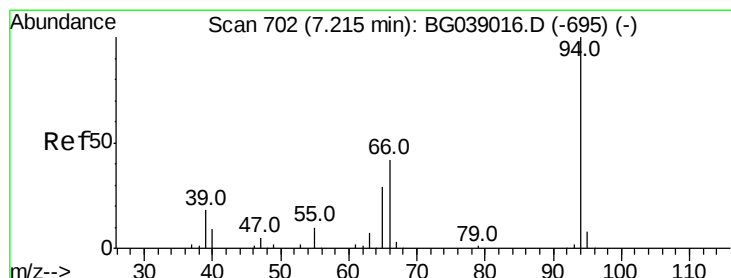
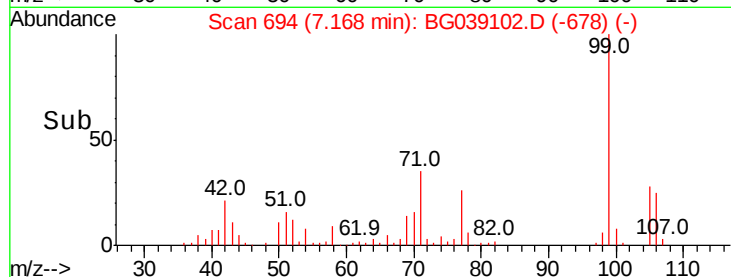
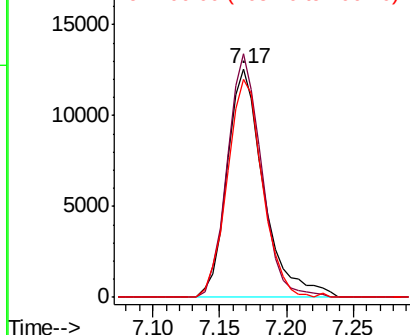
77 100

105 106.6 82.4 122.4

106 95.3 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: 61.609 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

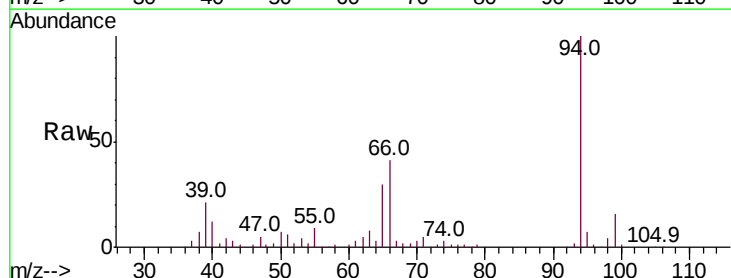
Tgt Ion: 94 Resp: 109581

Ion Ratio Lower Upper

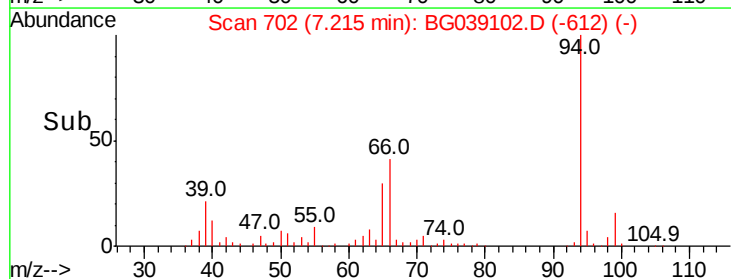
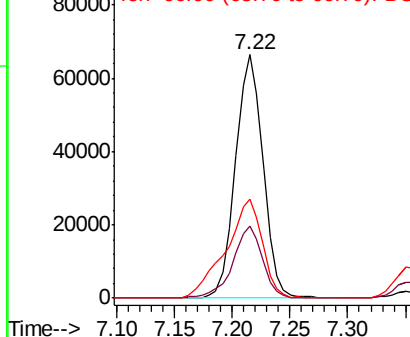
94 100

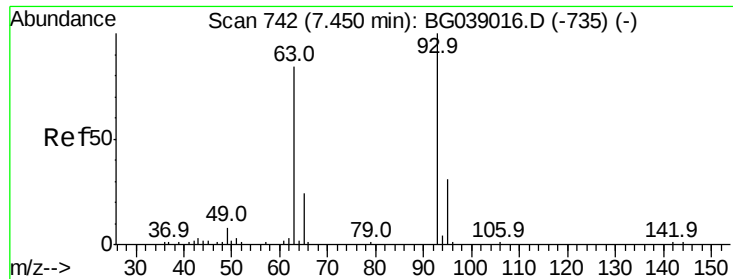
65 29.8 10.3 50.3

66 40.6 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

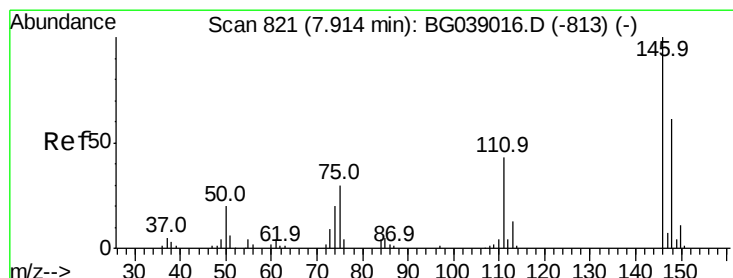
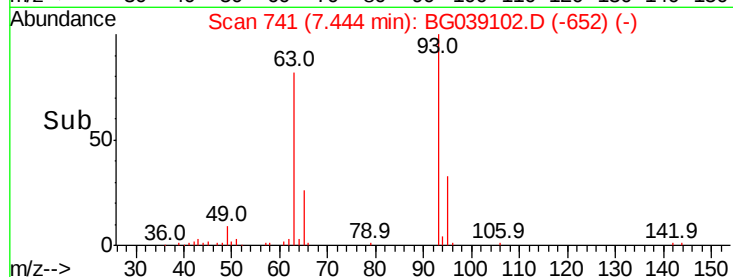
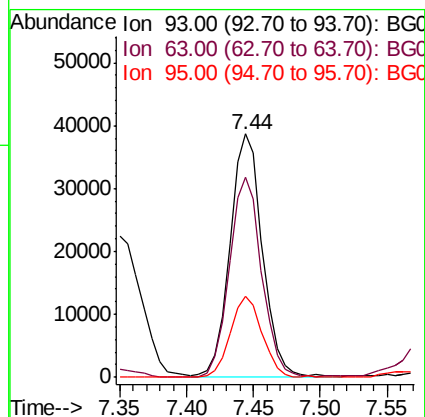
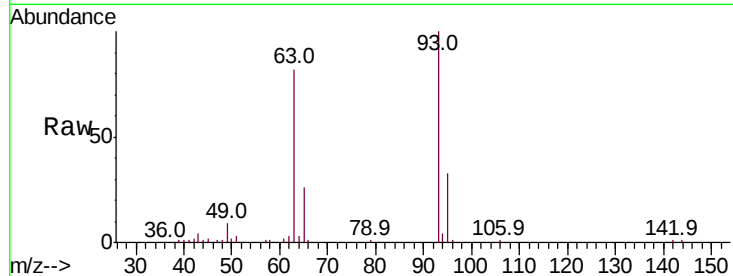




#11
bis(2-Chloroethyl)ether
Concen: 48.278 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

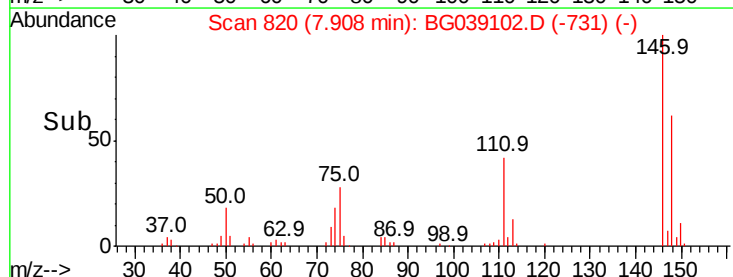
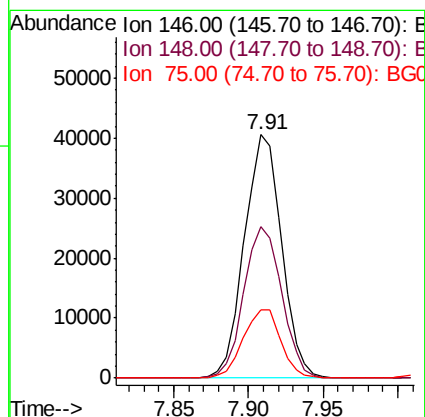
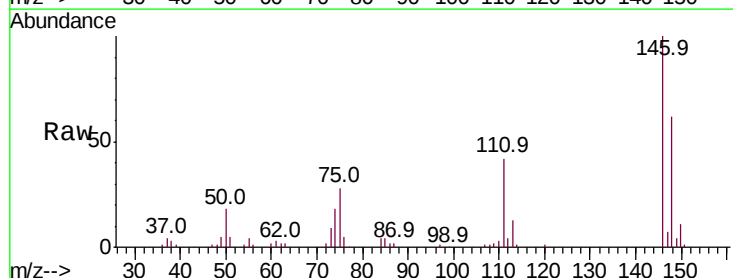
Instrument :
BNA_G
ClientSampleId :

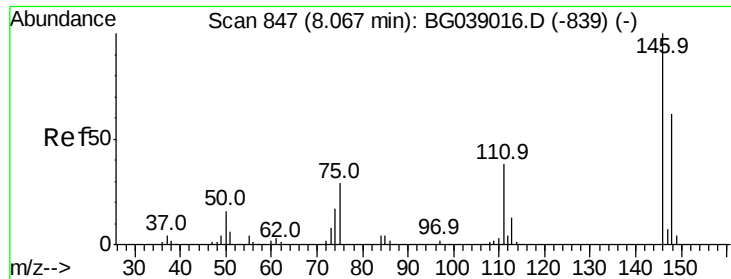
Tot Ion: 93 Resp: 65629
Ion Ratio Lower Upper
93 100
63 82.2 63.2 103.2
95 33.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.219 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion: 146 Resp: 70023
Ion Ratio Lower Upper
146 100
148 62.4 49.1 73.7
75 28.1 23.9 35.9

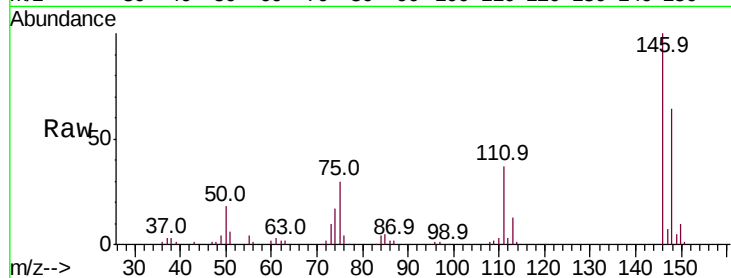




#13
 1,4-Dichlorobenzene
 Concen: 41.609 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.6
111	37.5	30.6	45.8

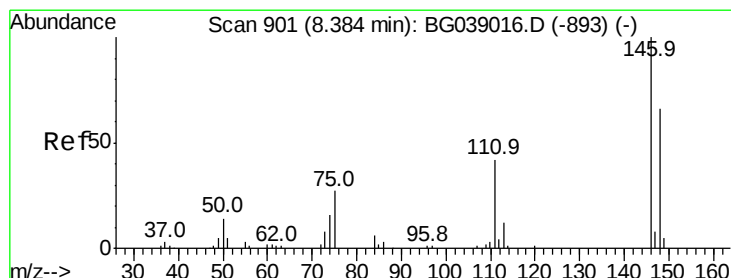
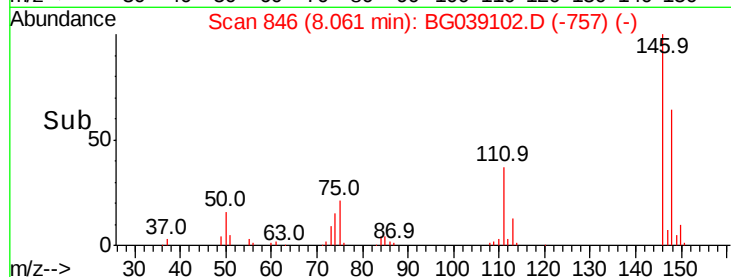
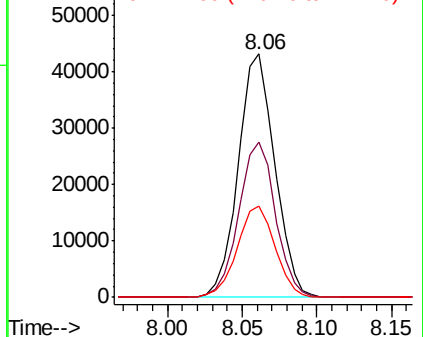


Abundance

Ion 146.00 (145.70 to 146.70): E

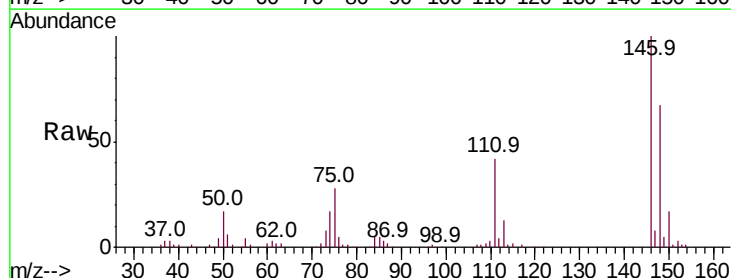
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.764 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.6	79.0
111	42.1	34.6	51.8

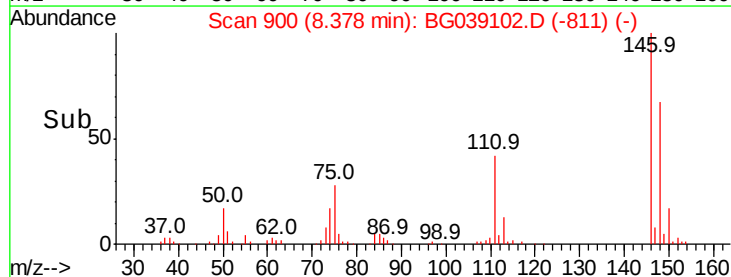
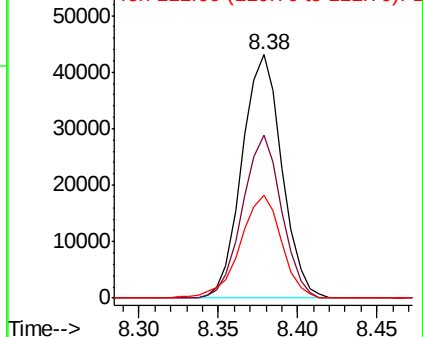


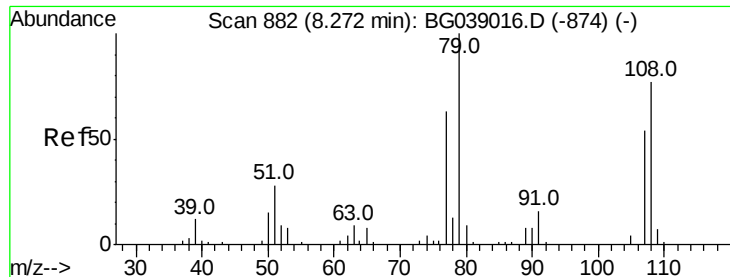
Abundance

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: 59.542 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

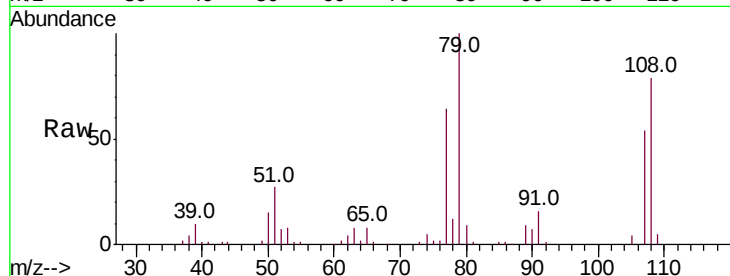
Tot Ion: 79 Resp: 79550

Ion Ratio Lower Upper

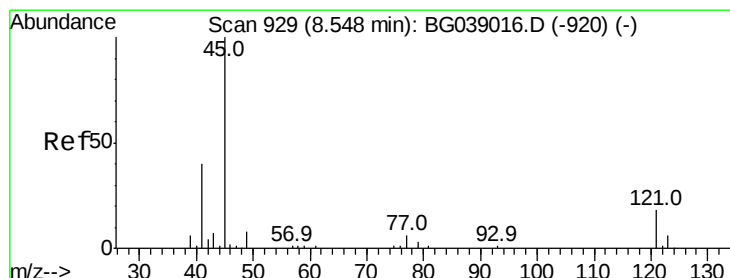
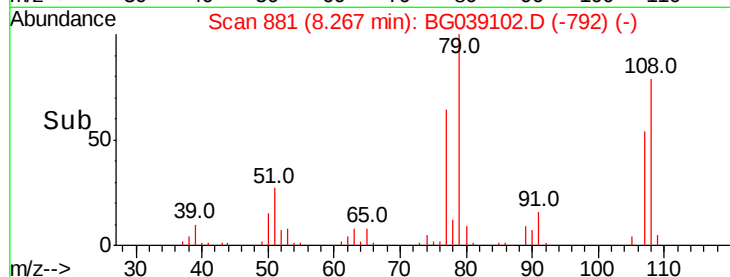
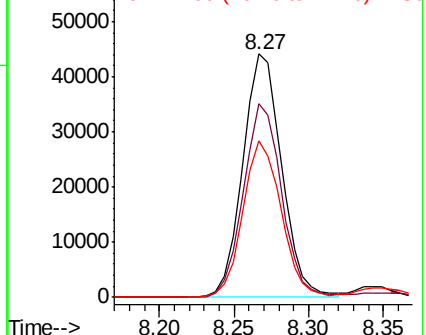
79 100

108 79.5 62.0 93.0

77 64.3 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.194 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

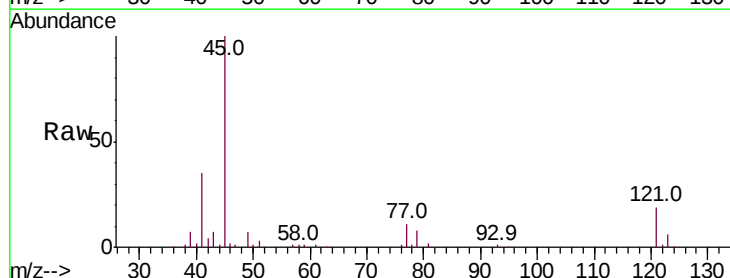
Tgt Ion: 45 Resp: 125626

Ion Ratio Lower Upper

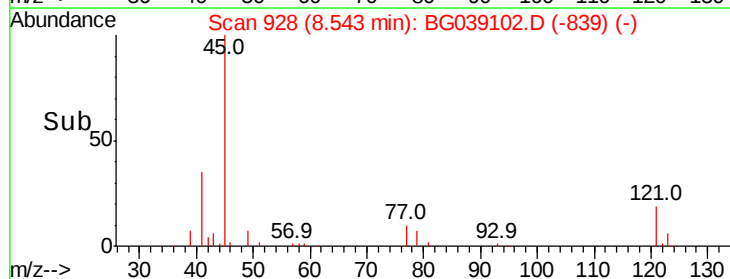
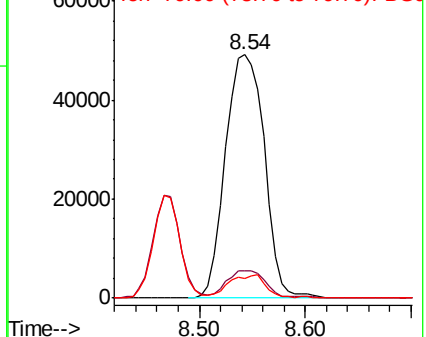
45 100

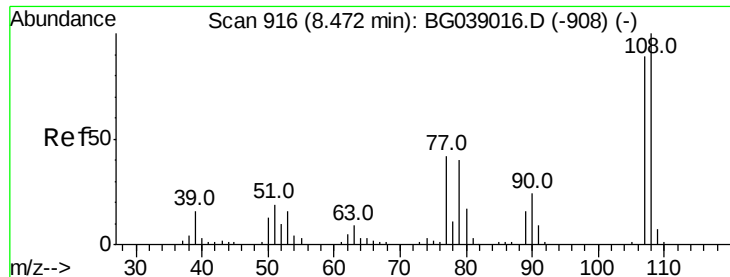
77 11.0 0.0 30.7

79 7.8 0.0 28.5



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

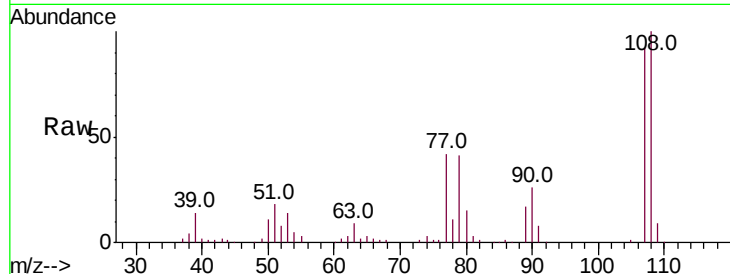




#17
2-Methylphenol
Concen: 65.437 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	90.3	135.5
77	45.1	38.3	57.5
79	44.8	35.8	53.6



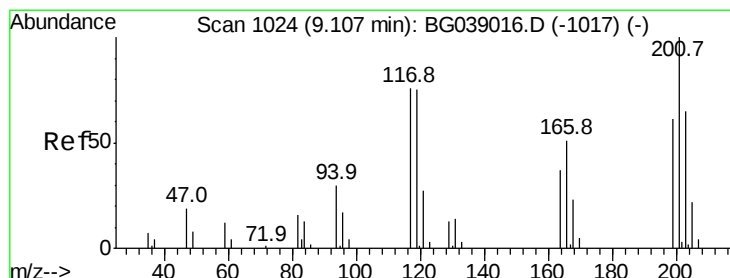
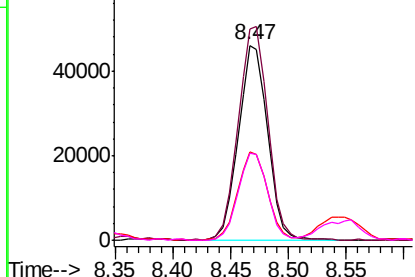
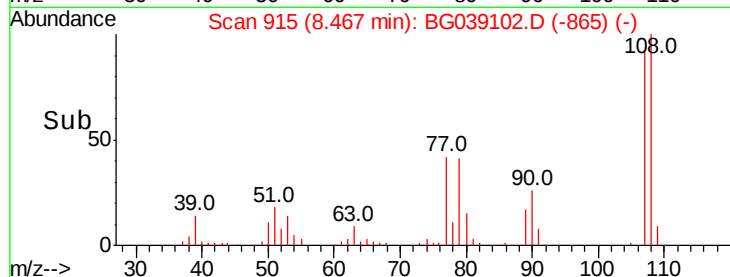
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

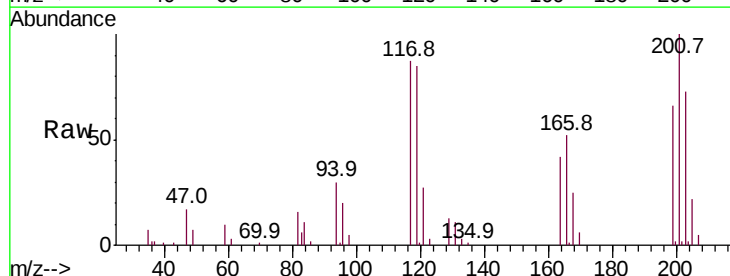
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.077 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	78.7	118.1
201	115.6	108.1	162.1

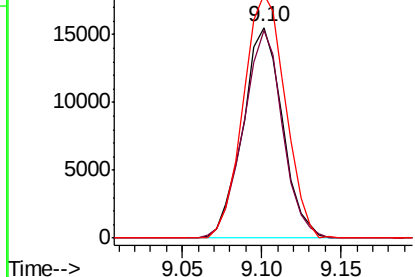
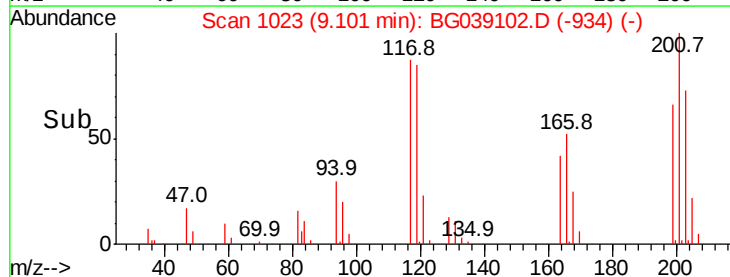


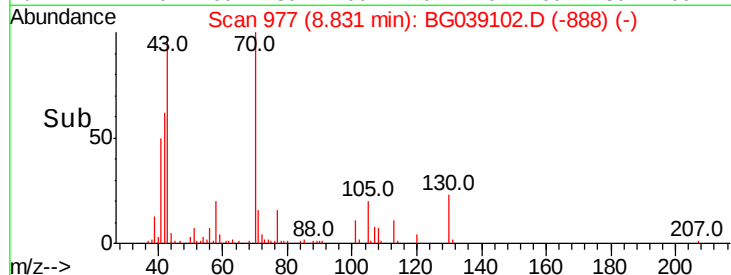
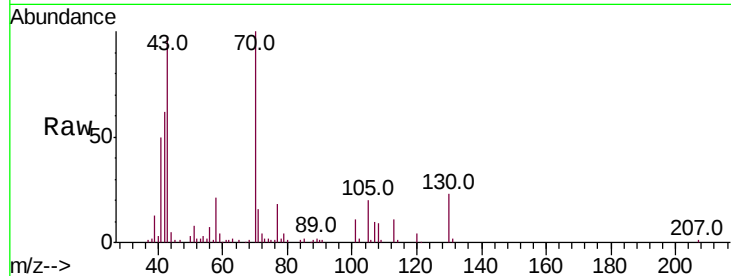
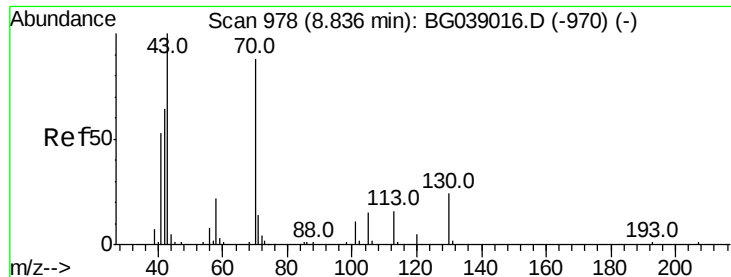
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

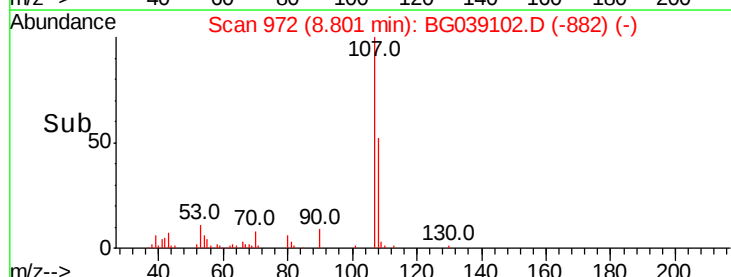
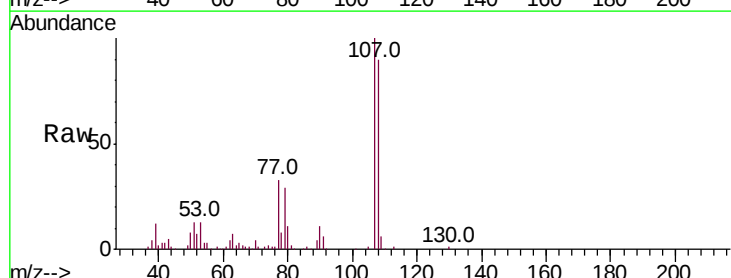
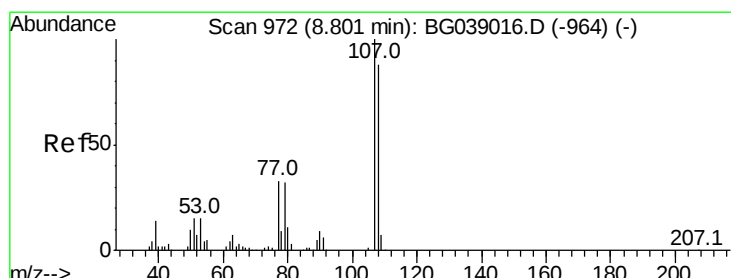
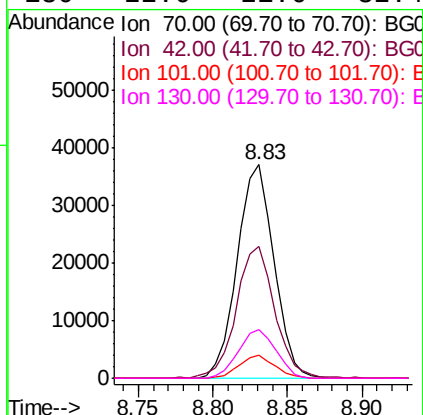




#19
n-Nitroso-di-n-propylamine
Concen: 54.441 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

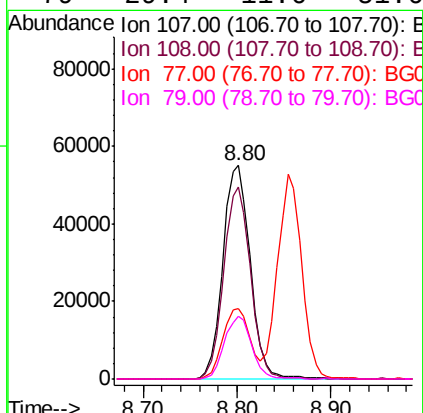
Instrument :
BNA_G
ClientSampleId :

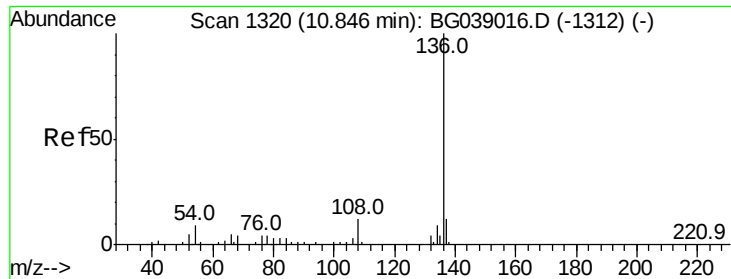
Tot Ion:	70	Resp:	63424
Ion	Ratio	Lower	Upper
70	100		
42	61.8	59.0	88.4
101	10.6	10.4	15.6
130	22.6	21.6	32.4



#20
3+4-Methylphenols
Concen: 63.289 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:	107	Resp:	111445
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.4	108.4
77	32.8	13.3	53.3
79	29.4	11.6	51.6

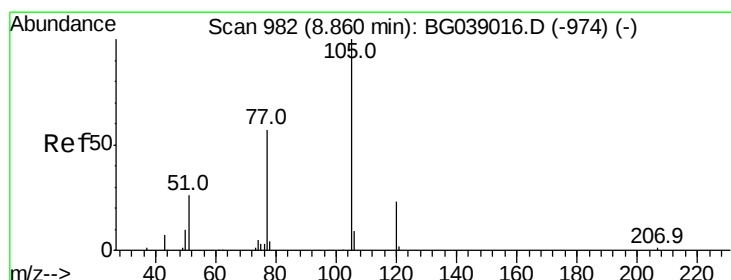
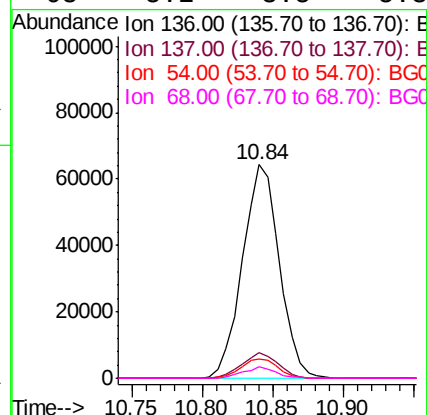
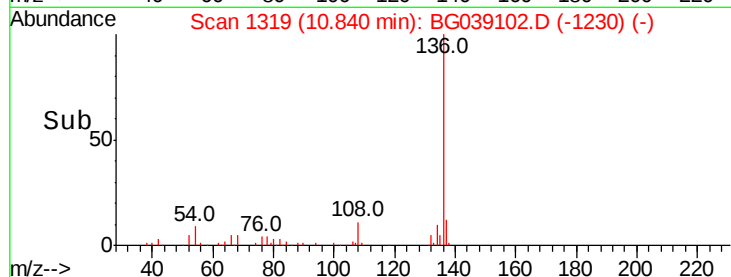
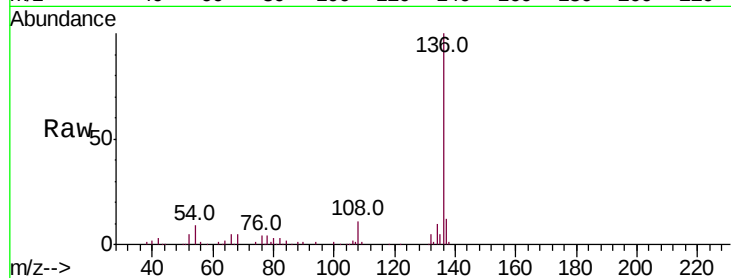




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

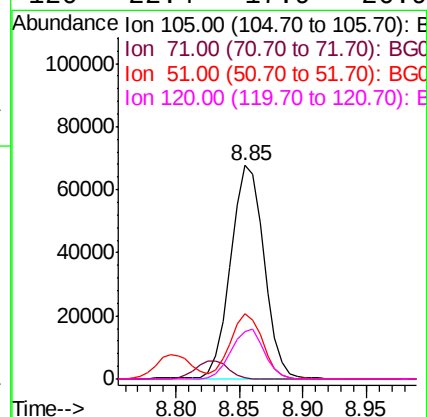
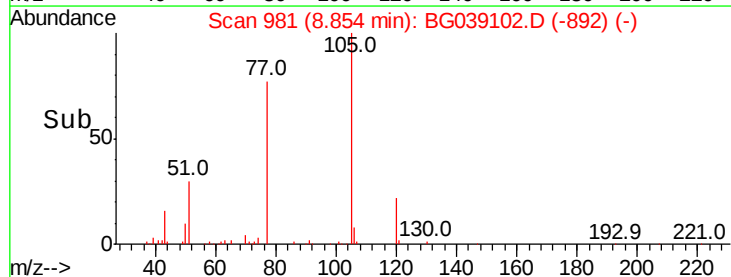
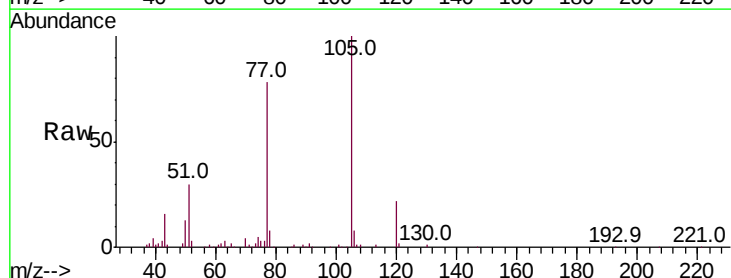
Instrument :
BNA_G
ClientSampleId :

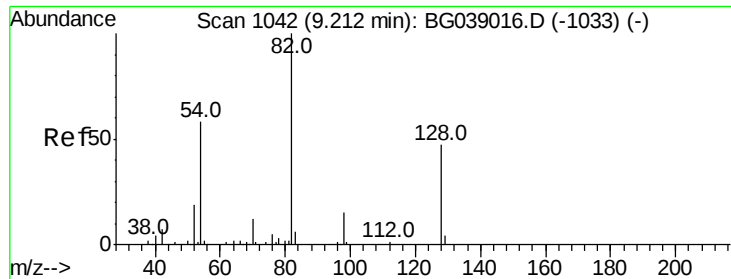
Tot Ion:136	Resp:	117267
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.4 14.2
54	9.2	7.2 10.8
68	5.2	3.5 5.3



#22
Acetophenone
Concen: 40.227 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:105	Resp:	123193
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	30.3	26.6 39.8
120	22.4	17.9 26.9

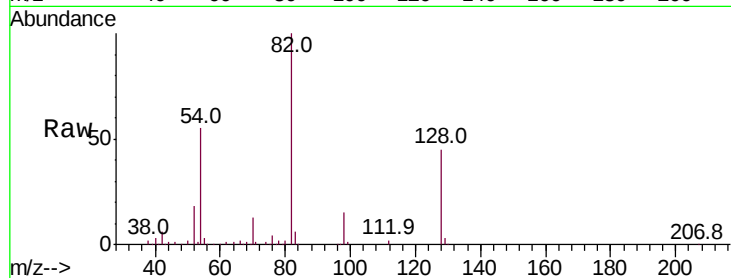




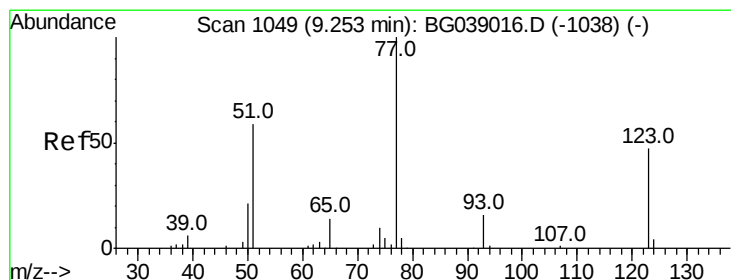
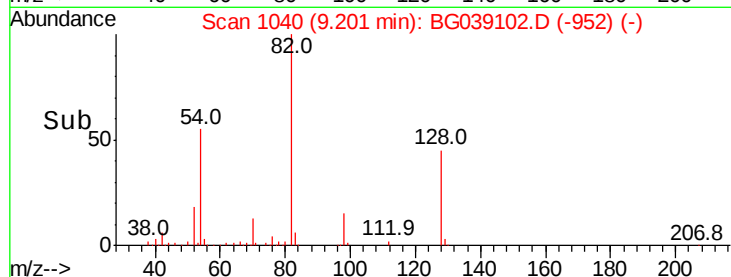
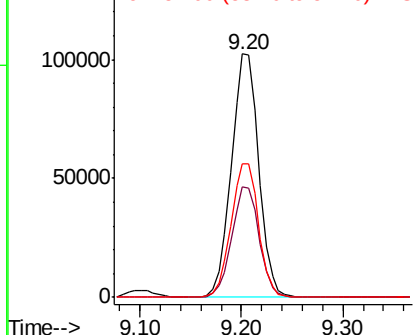
#23
Nitrobenzene-d5
Concen: 89.222 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 191208
Ion Ratio Lower Upper
82 100
128 45.5 37.3 55.9
54 54.9 46.4 69.6

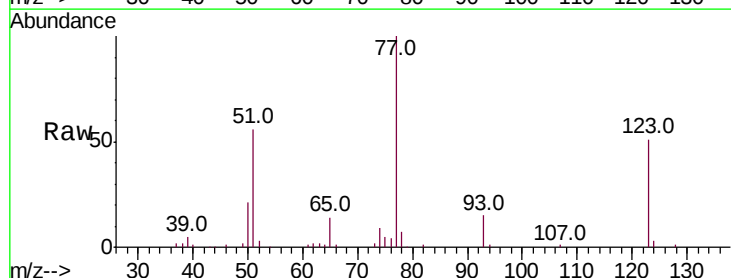


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

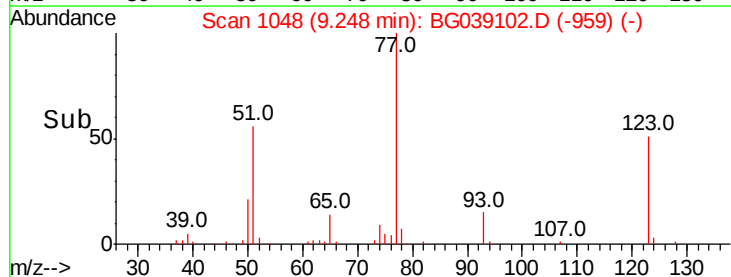
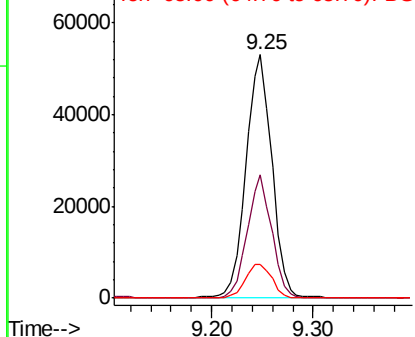


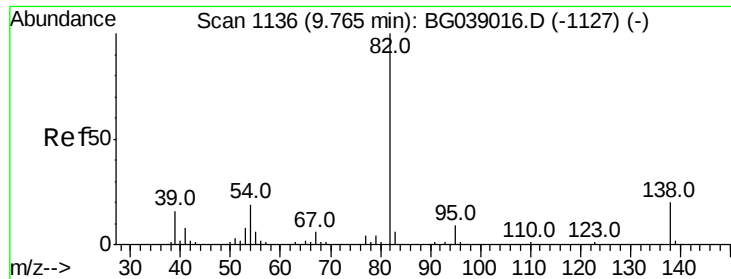
#24
Nitrobenzene
Concen: 43.298 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion: 77 Resp: 93789
Ion Ratio Lower Upper
77 100
123 50.7 37.6 56.4
65 13.7 11.0 16.6



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





#25

Isophorone

Concen: 49.637 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

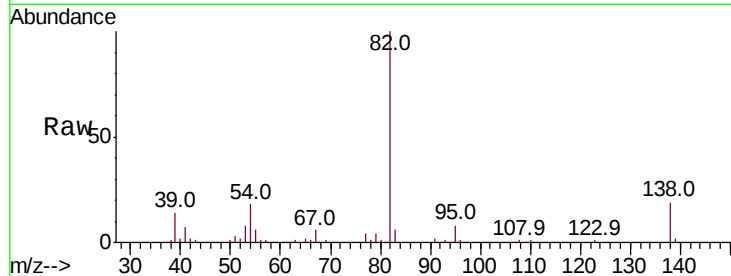
Tot Ion: 82 Resp: 183237

Ion Ratio Lower Upper

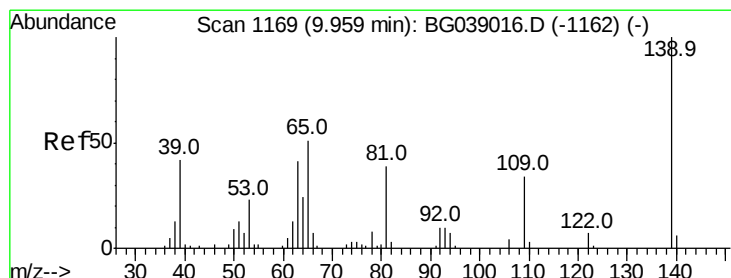
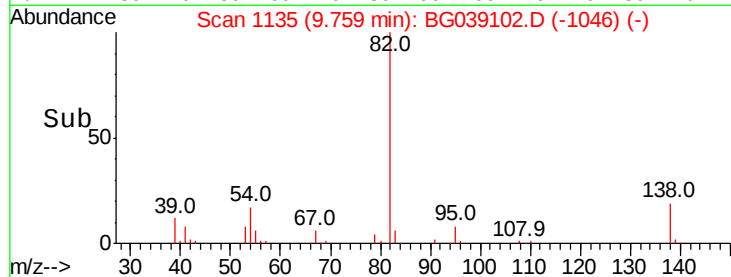
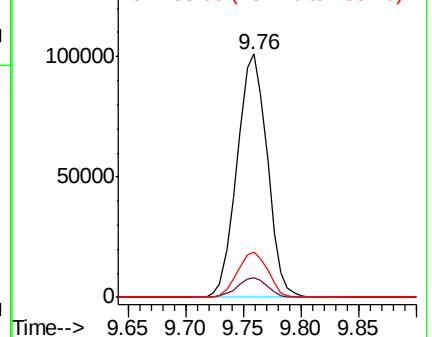
82 100

95 8.1 7.0 10.6

138 18.8 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: 43.589 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

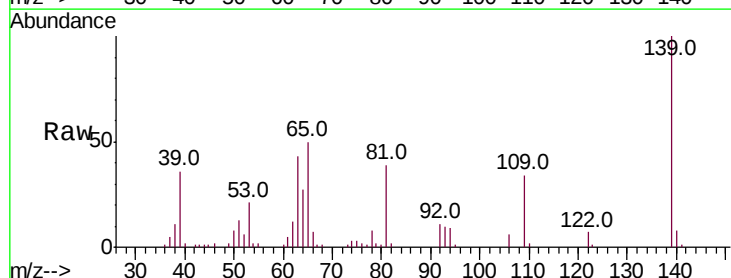
Tgt Ion: 139 Resp: 51071

Ion Ratio Lower Upper

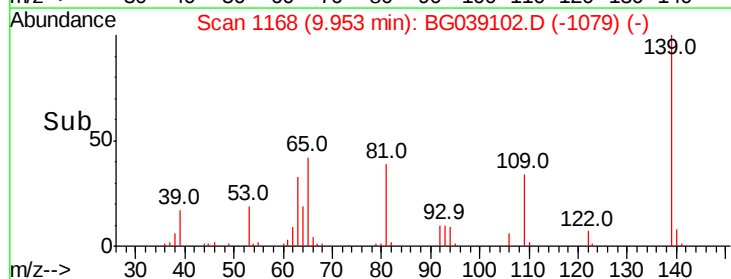
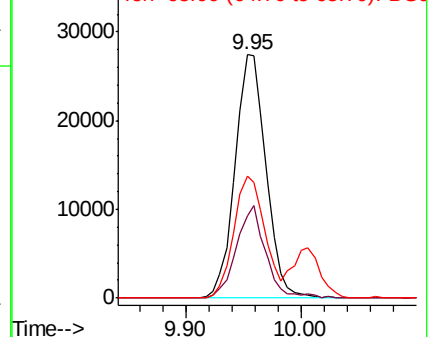
139 100

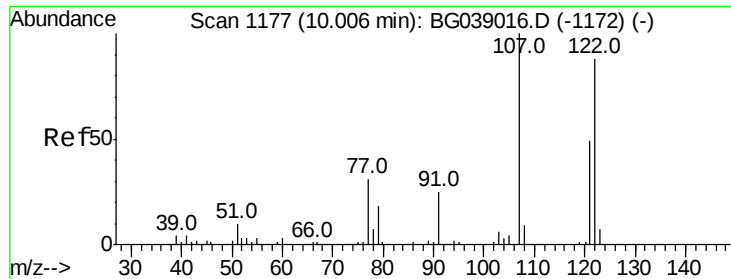
109 33.9 27.3 40.9

65 50.0 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

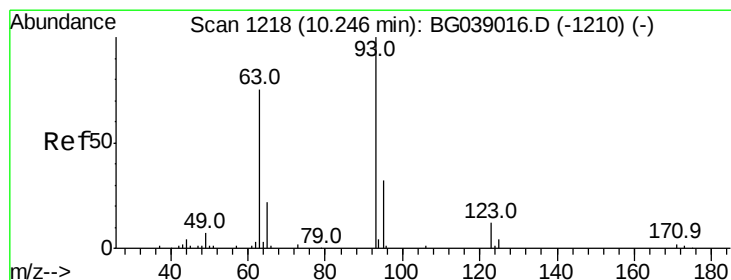
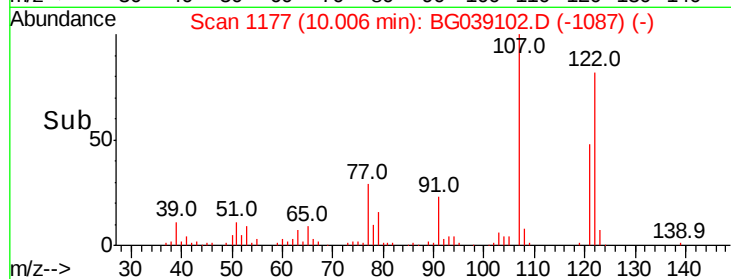
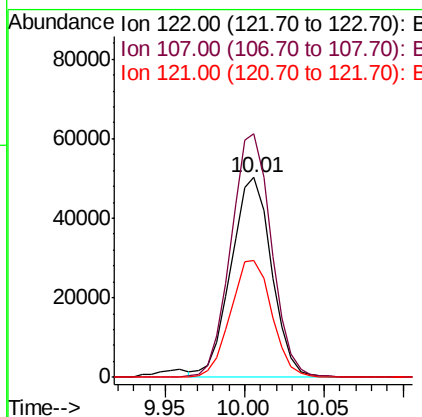
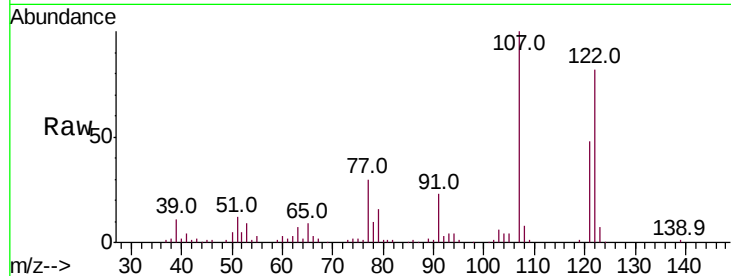




#27
 2,4-Dimethylphenol
 Concen: 54.336 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

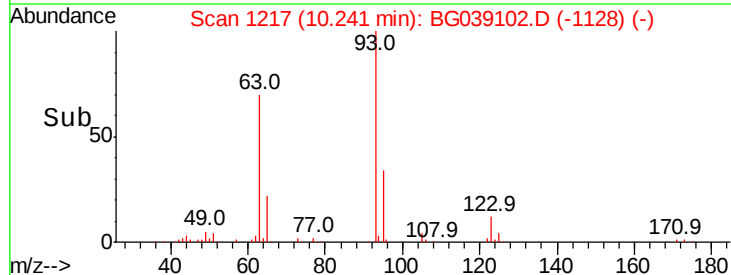
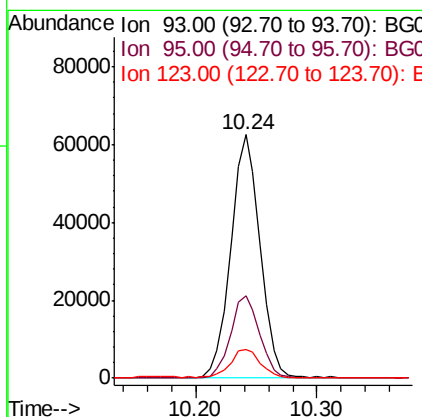
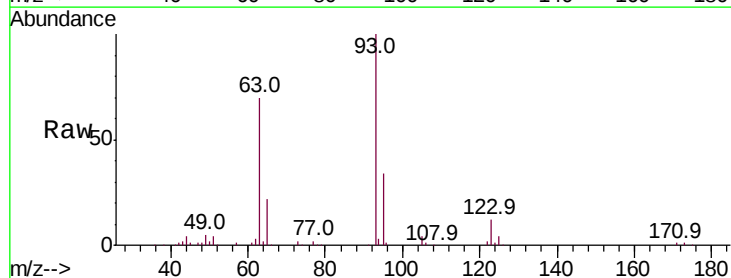
Instrument :
 BNA_G
 ClientSampleId :

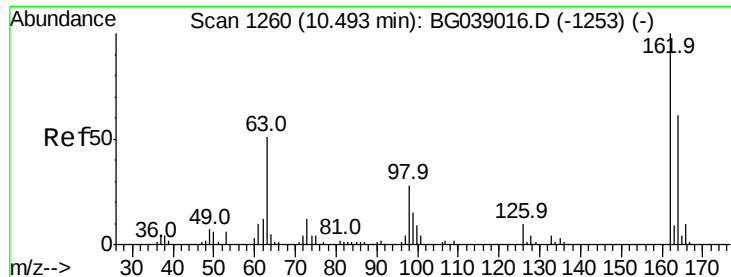
Tot Ion:122 Resp: 89566
 Ion Ratio Lower Upper
 122 100
 107 121.8 88.8 133.2
 121 58.5 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.403 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion: 93 Resp: 105169
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.6 38.4
 123 11.6 10.1 15.1

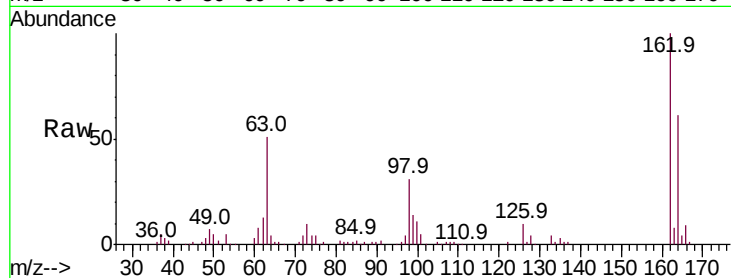




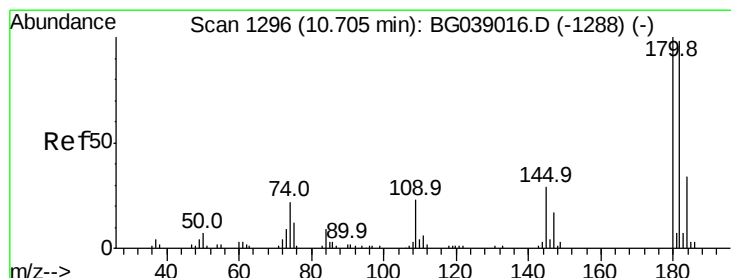
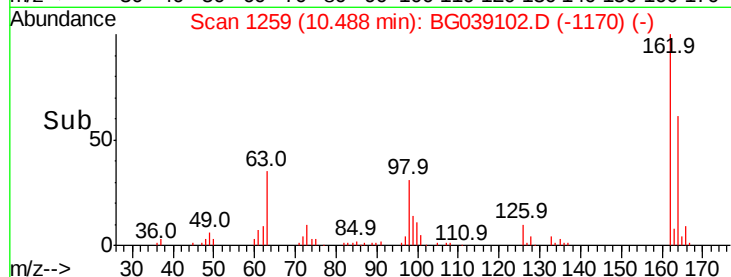
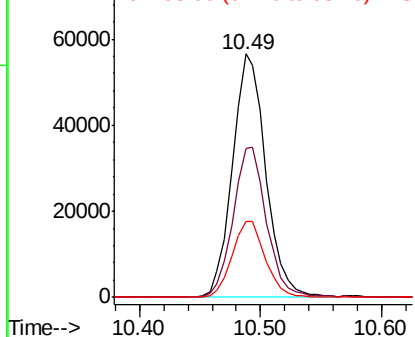
#29
 2,4-Dichlorophenol
 Concen: 53.037 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	41.3	81.3
98	31.1	8.3	48.3

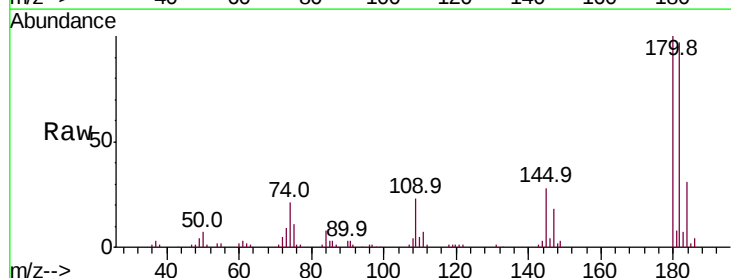


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

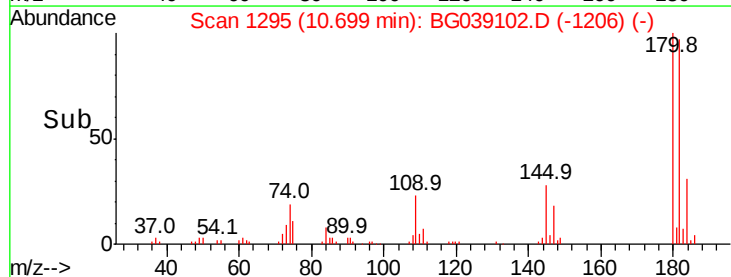
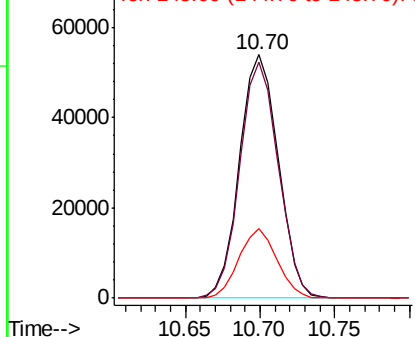


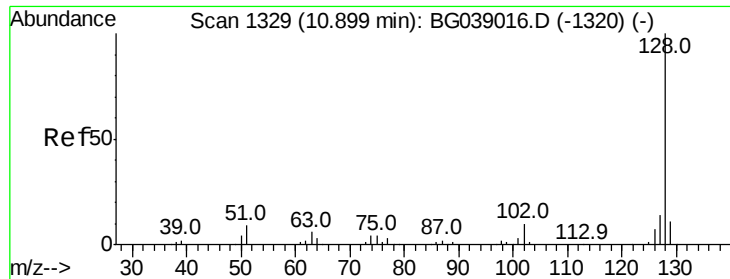
#30
 1,2,4-Trichlorobenzene
 Concen: 39.506 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.1	117.1
145	28.3	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

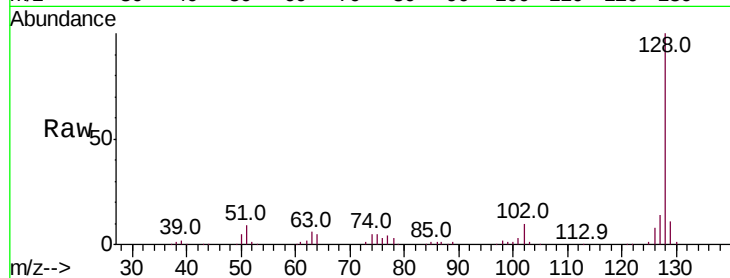




#31
Naphthalene
Concen: 45.262 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

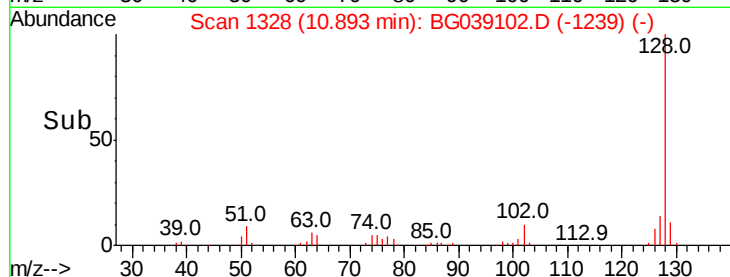
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 266205
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.9 11.2 16.8

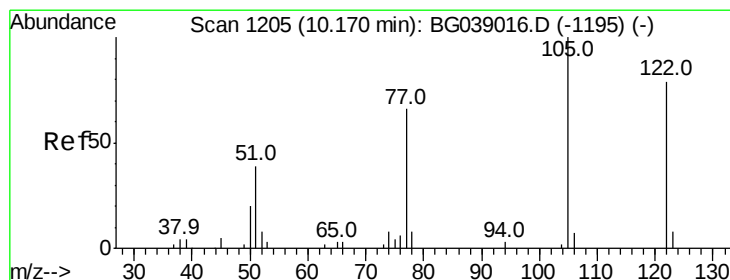


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.89

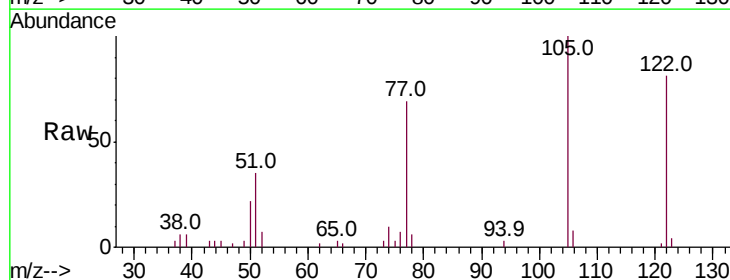


Time-->



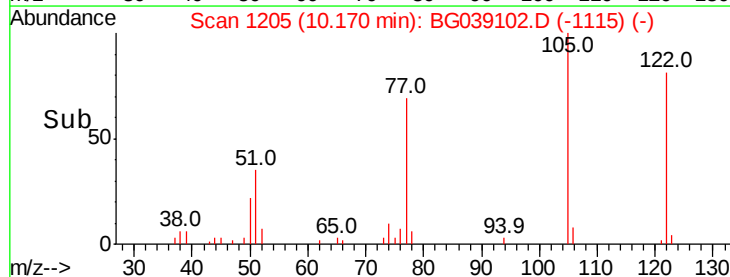
#32
Benzoic acid
Concen: 32.263 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:122 Resp: 28799
Ion Ratio Lower Upper
122 100
105 122.9 106.4 146.4
77 84.5 63.6 103.6

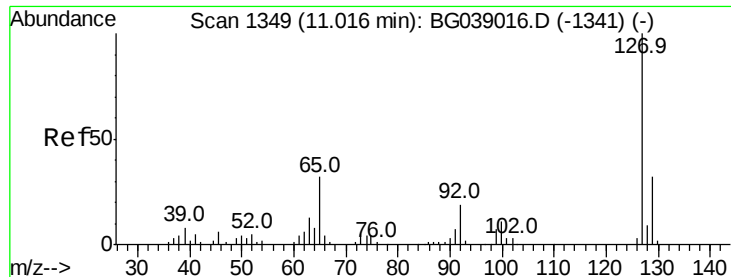


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

10.17



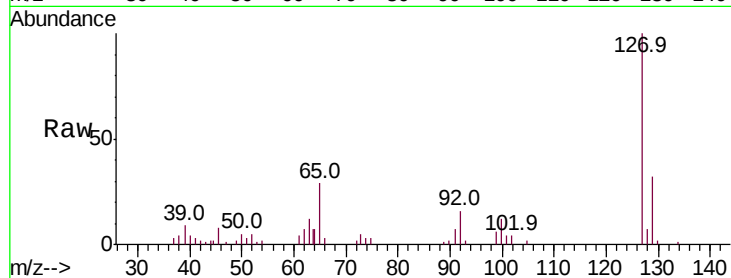
Time-->



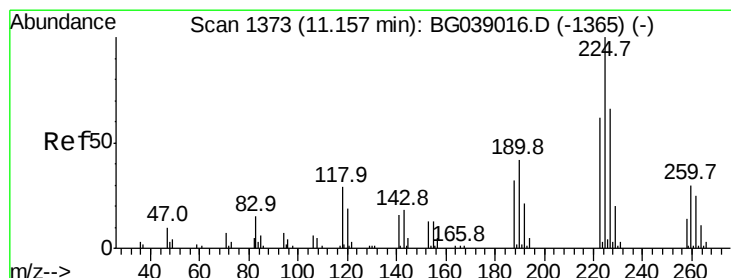
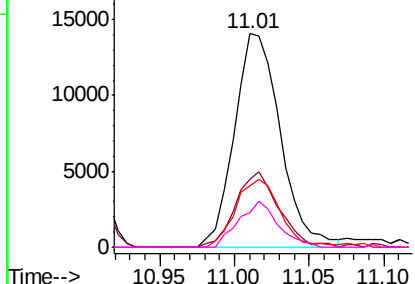
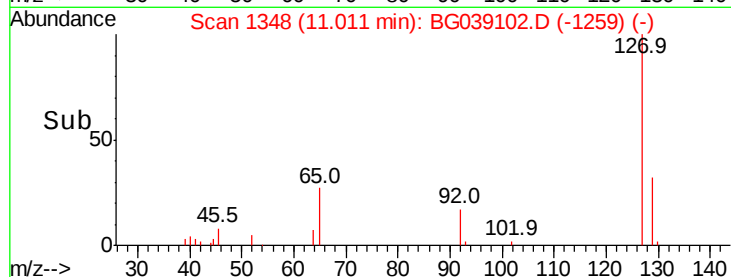
#33
4-Chloroaniline
Concen: 11.460 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 30159
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 28.9 25.4 38.0
92 16.5 15.2 22.8

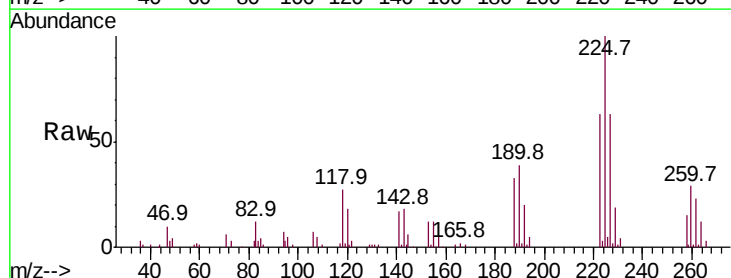


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

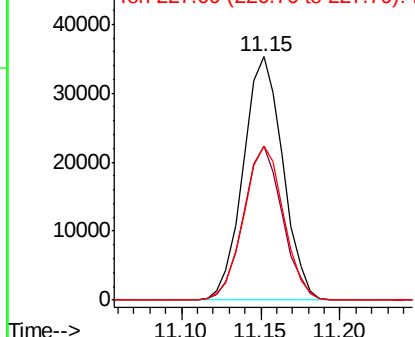
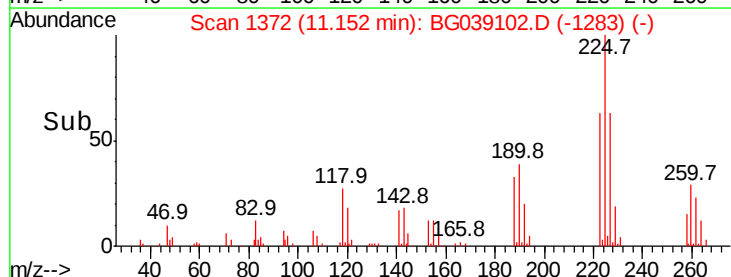


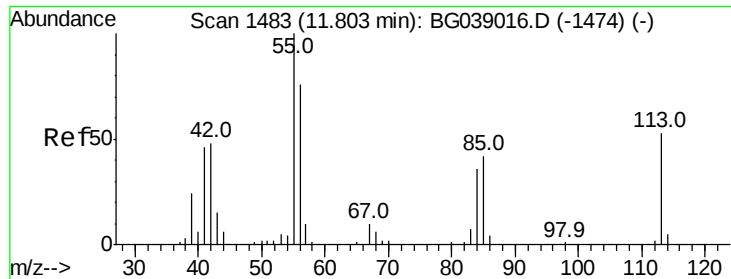
#34
Hexachlorobutadiene
Concen: 36.150 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:225 Resp: 61204
Ion Ratio Lower Upper
225 100
223 67.0 50.2 75.4
227 65.9 53.2 79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.992 ng

RT: 11.80 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

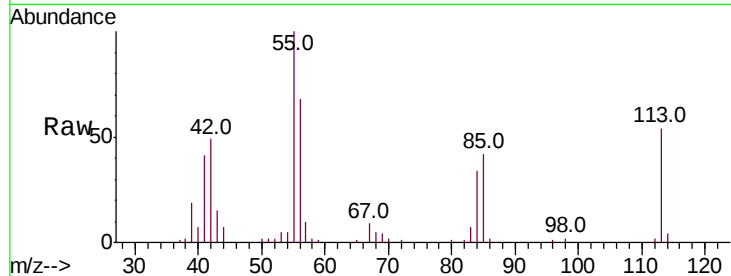
Tot Ion:113 Resp: 27092

Ion Ratio Lower Upper

113 100

55 185.1 168.6 208.6

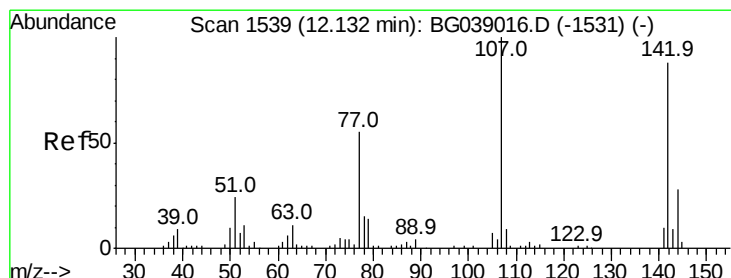
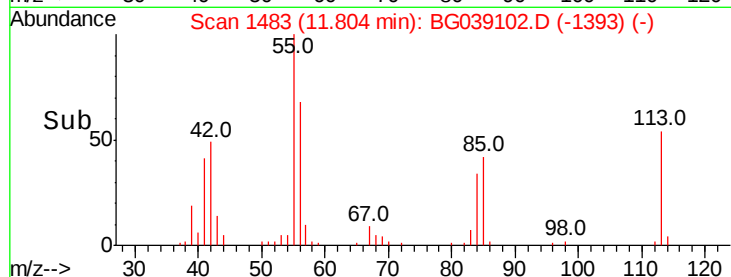
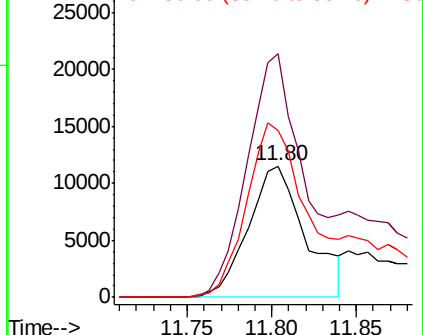
56 126.7 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 54.543 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

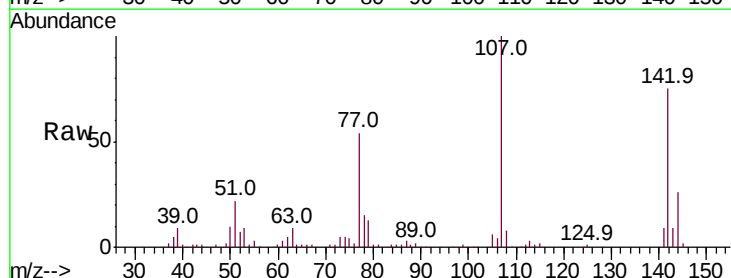
Tgt Ion:107 Resp: 119464

Ion Ratio Lower Upper

107 100

144 26.0 22.6 34.0

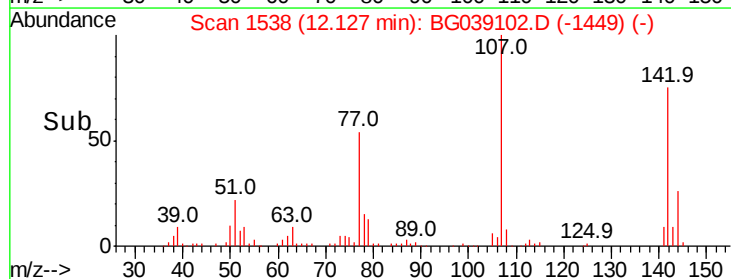
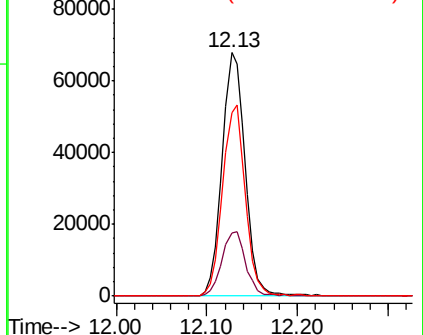
142 75.4 70.2 105.4

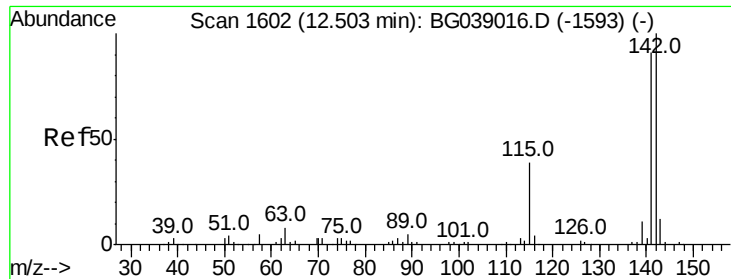


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.396 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

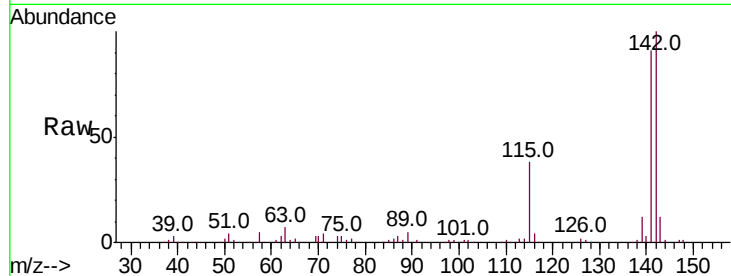
Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 217813

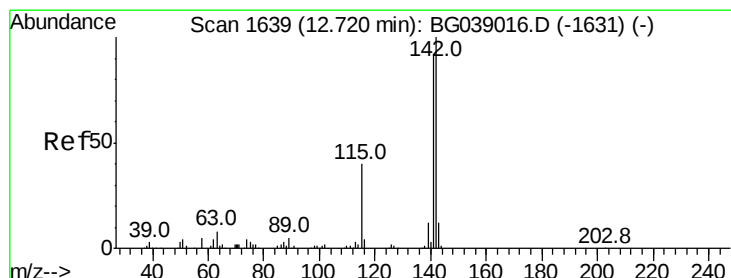
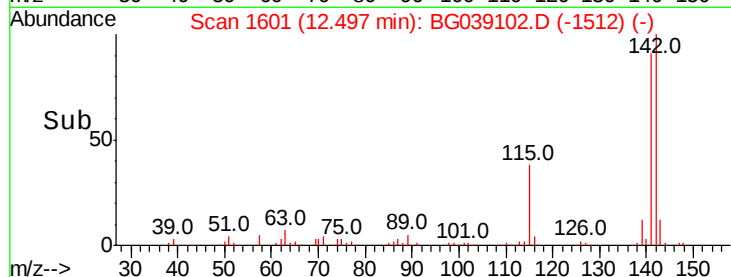
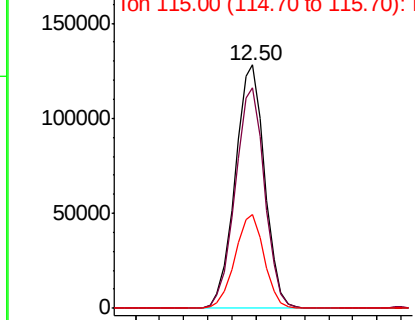
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	109.0
115	38.3	31.1	46.7



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: 49.347 ng

RT: 12.71 min Scan# 1638

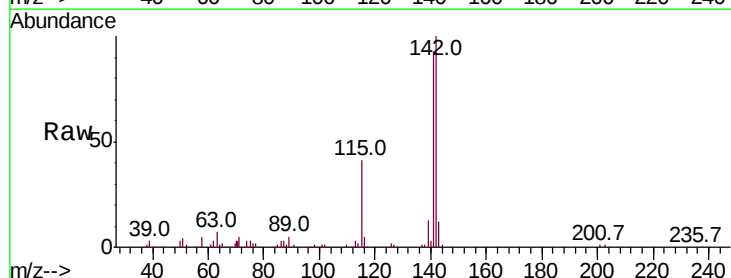
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:142 Resp: 208859

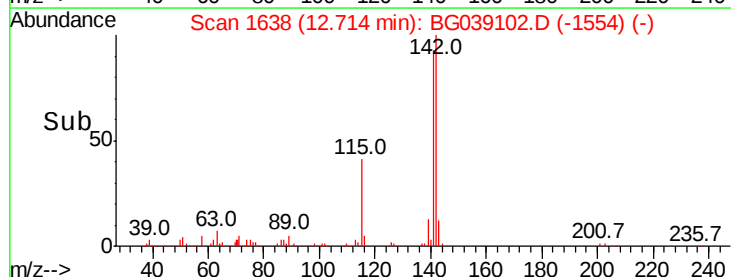
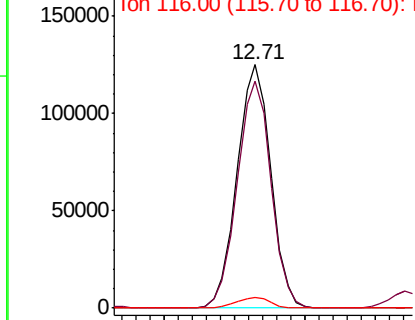
Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9
116	4.5	3.1	4.7

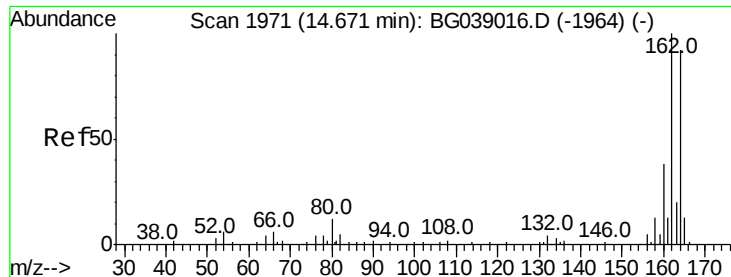


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1970

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

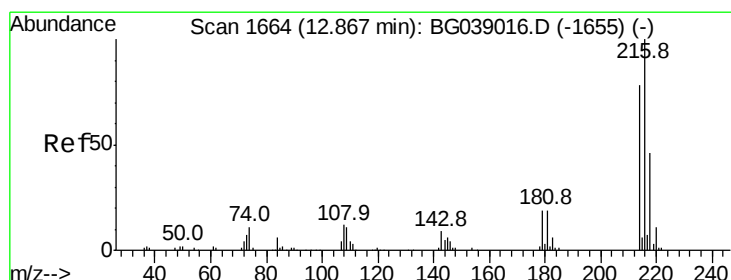
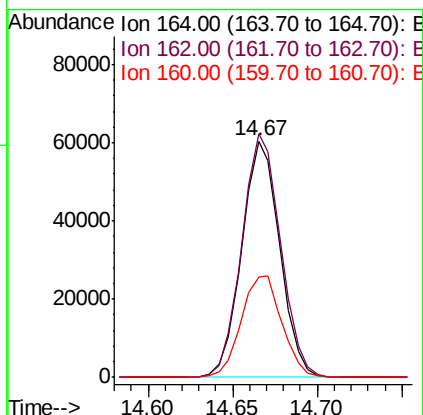
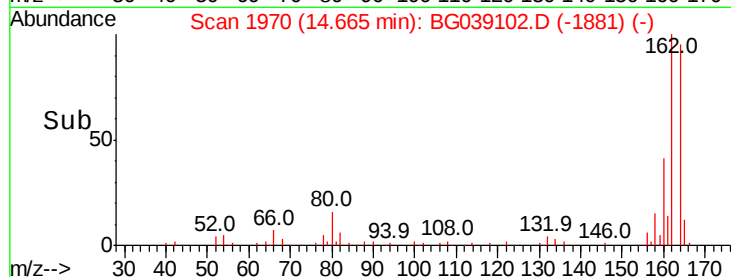
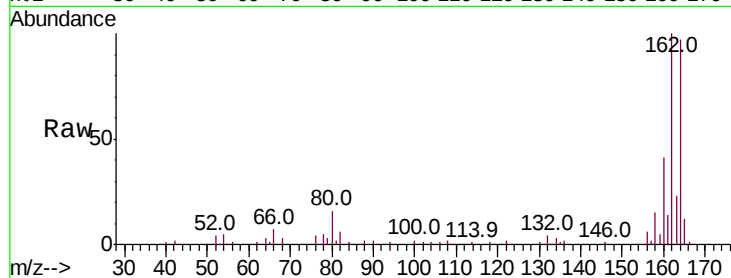
Tot Ion:164 Resp: 94390

Ion Ratio Lower Upper

164 100

162 103.2 87.2 130.8

160 42.4 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.005 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:216 Resp: 145357

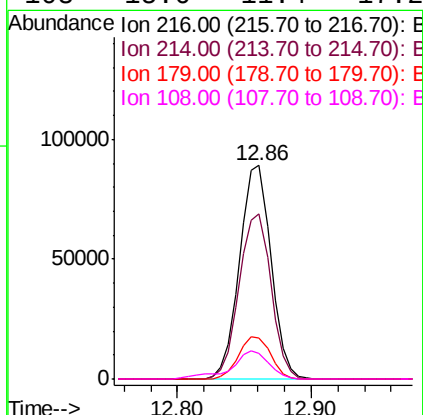
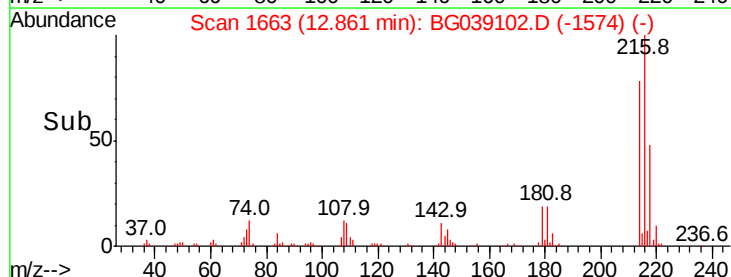
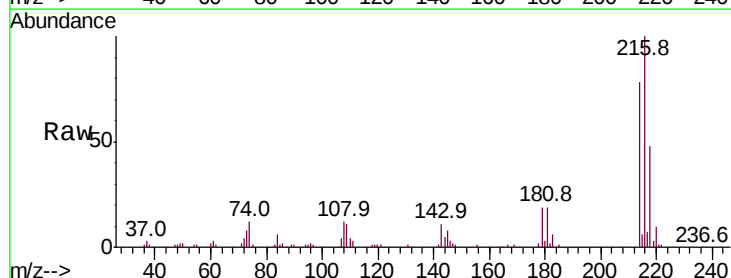
Ion Ratio Lower Upper

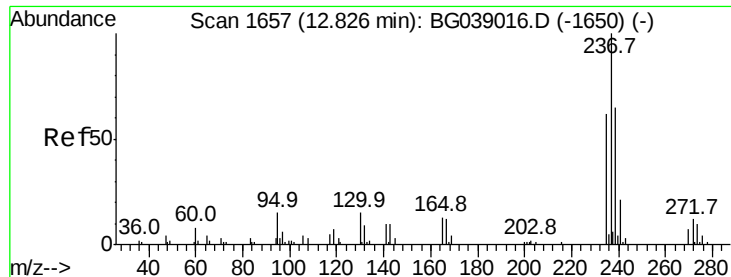
216 100

214 78.4 63.4 95.2

179 20.1 15.5 23.3

108 15.6 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 72.638 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

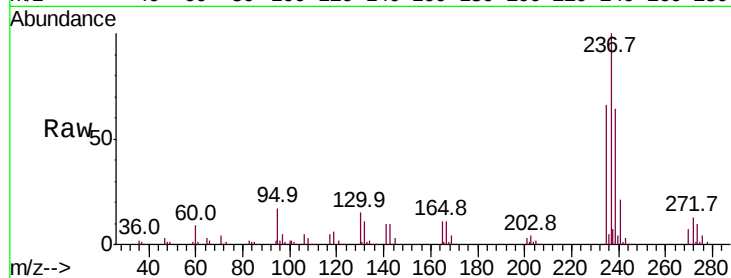
Tot Ion:237 Resp: 143887

Ion Ratio Lower Upper

237 100

235 65.6 41.7 81.7

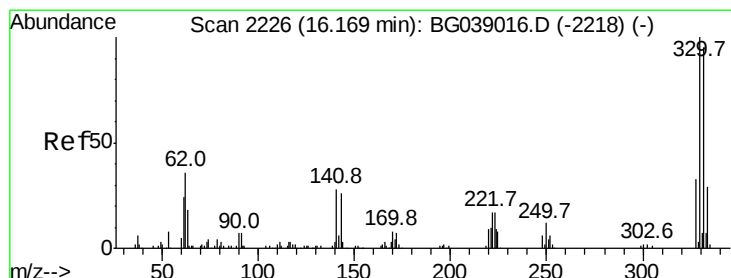
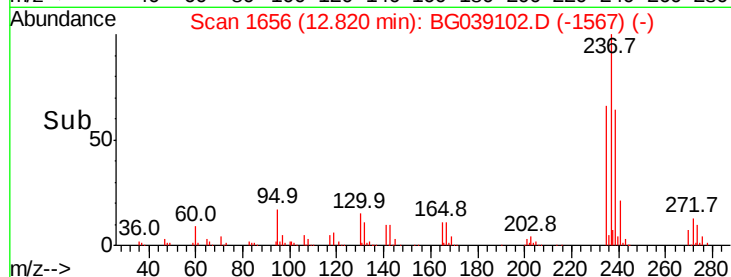
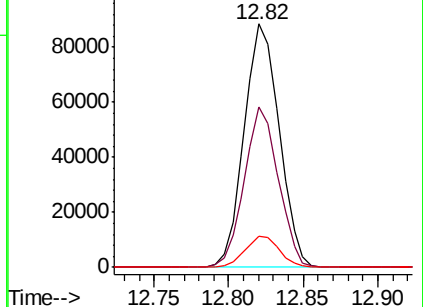
272 12.7 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.137 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

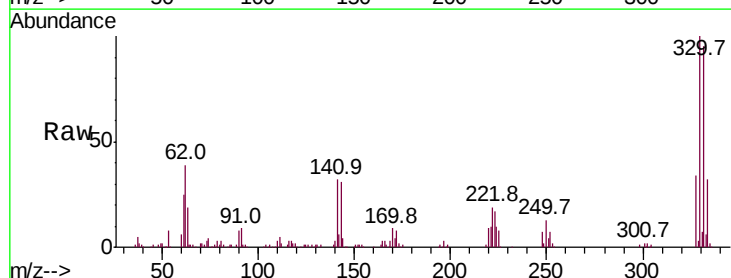
Tgt Ion:330 Resp: 204326

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

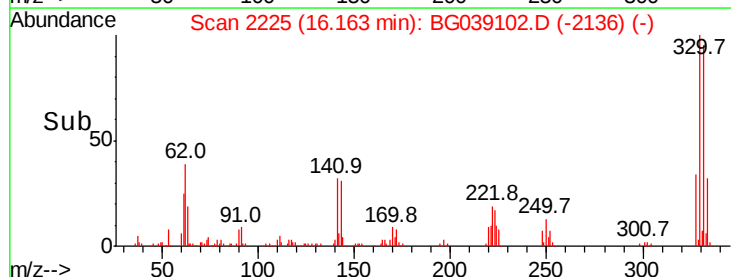
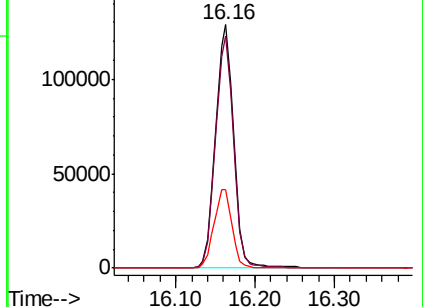
141 32.0 24.9 37.3

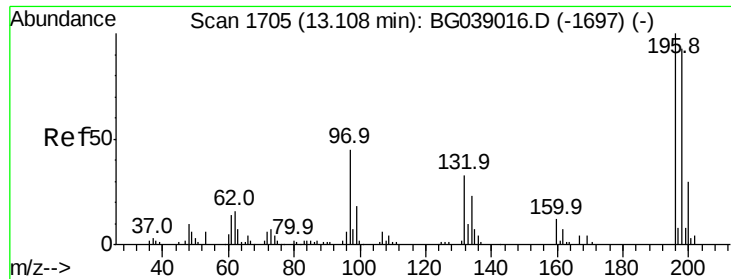


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

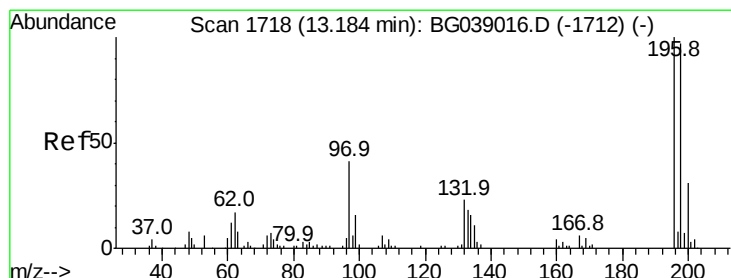
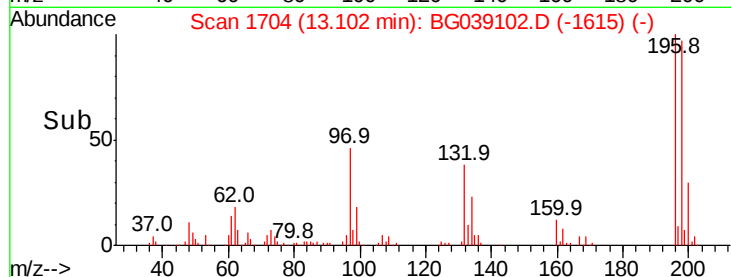
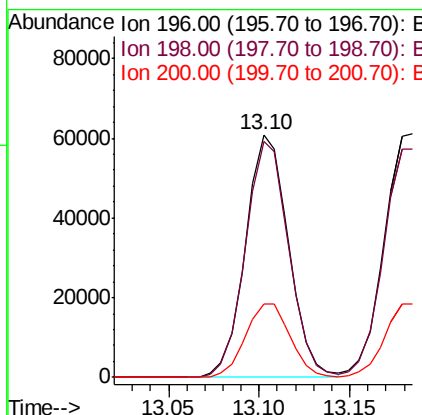
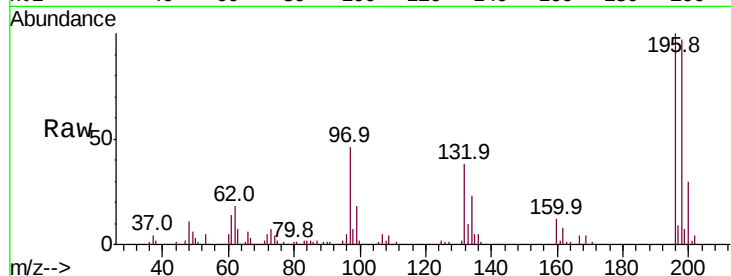




#43
 2,4,6-Trichlorophenol
 Concen: 44.996 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

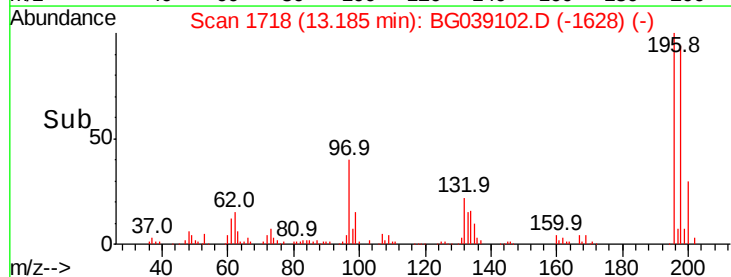
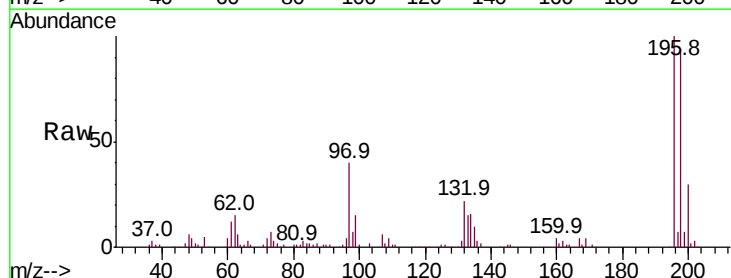
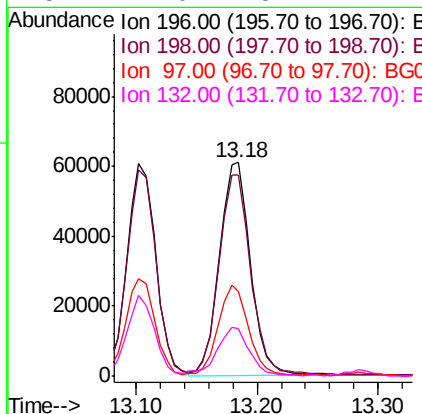
Instrument :
 BNA_G
 ClientSampled :

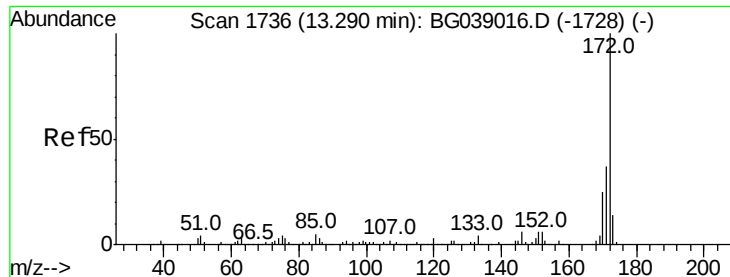
Tot Ion	196	Resp	100389
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.5	111.7
200	30.0	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.837 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	196	Resp	108085
Ion Ratio	Lower	Upper	
196	100		
198	93.8	78.1	117.1
97	39.8	33.2	49.8
132	22.0	18.2	27.4





#45

2-Fluorobiphenyl

Concen: 80.219 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

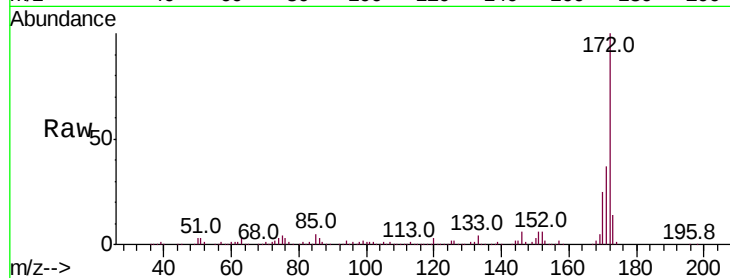
Tot Ion:172 Resp: 553269

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

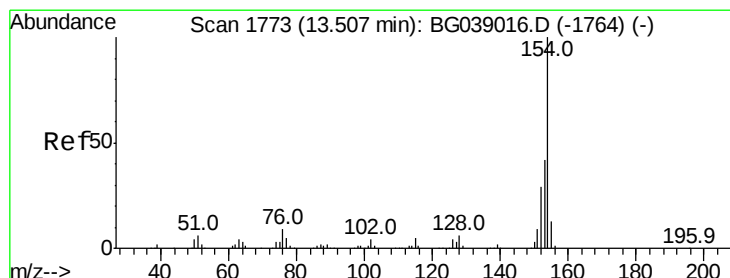
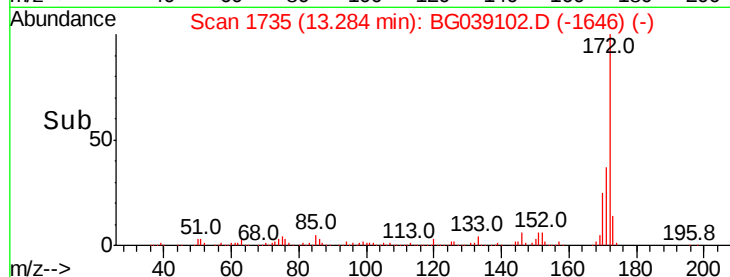
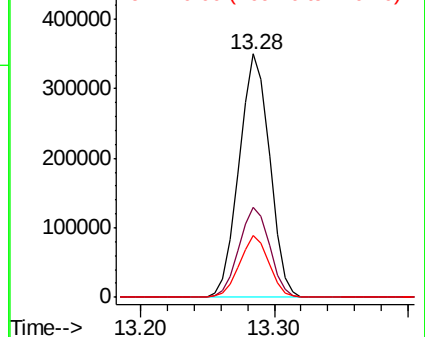
170 25.4 20.1 30.1



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: 40.067 ng

RT: 13.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

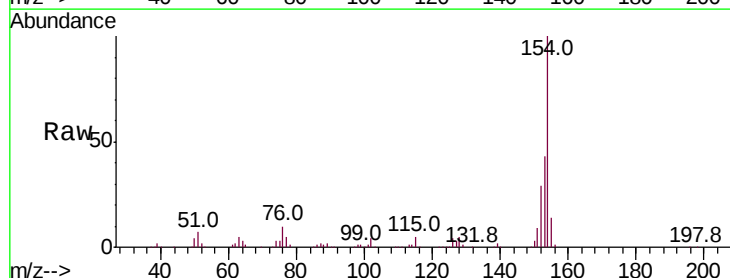
Tgt Ion:154 Resp: 299673

Ion Ratio Lower Upper

154 100

153 43.4 22.4 62.4

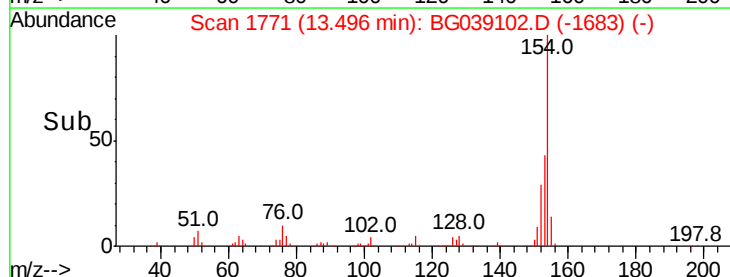
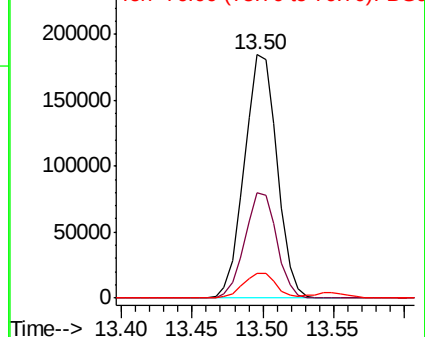
76 10.2 0.0 29.4

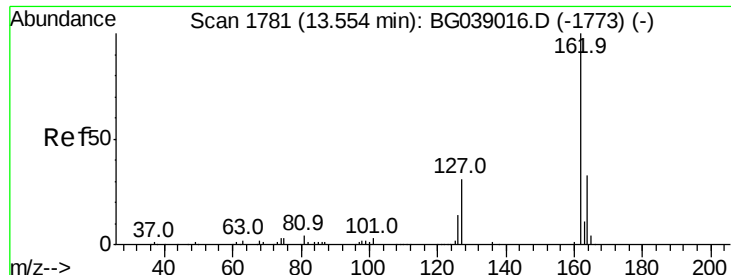


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

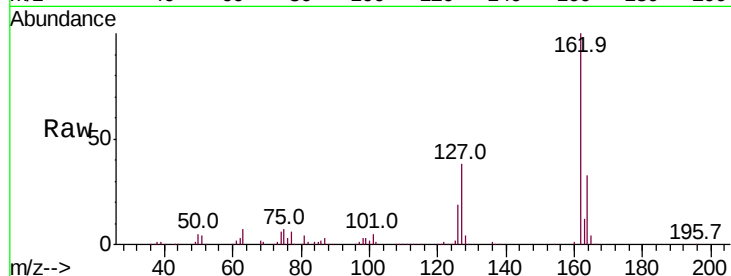




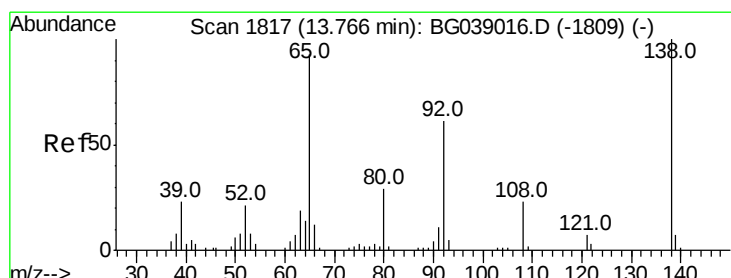
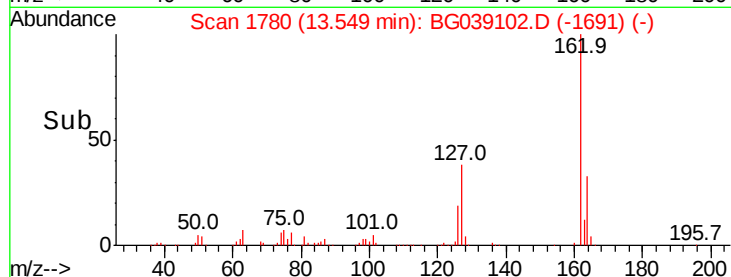
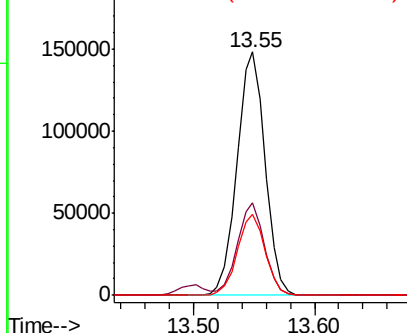
#47
2-Chloronaphthalene
Concen: 39.650 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	28.4	42.6
164	33.3	26.3	39.5

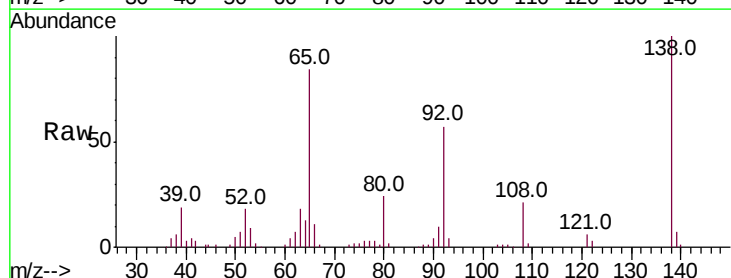


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

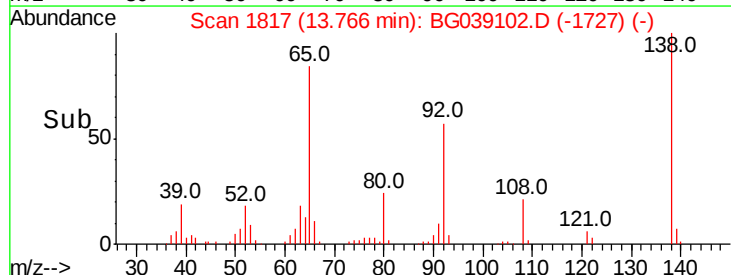
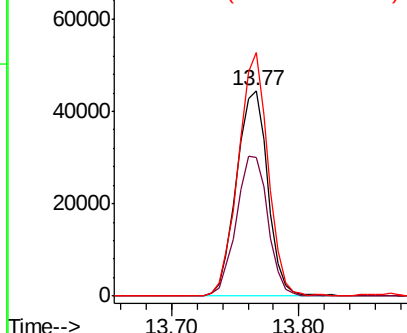


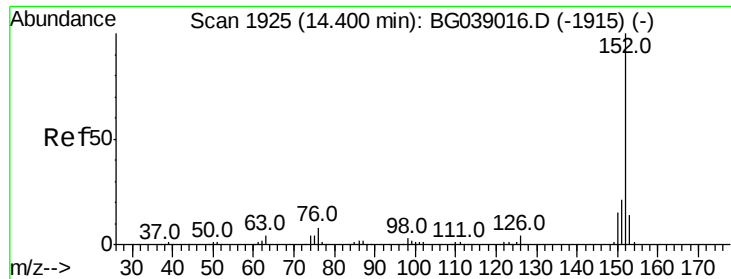
#48
2-Nitroaniline
Concen: 44.925 ng
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	52.2	78.4
138	118.5	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

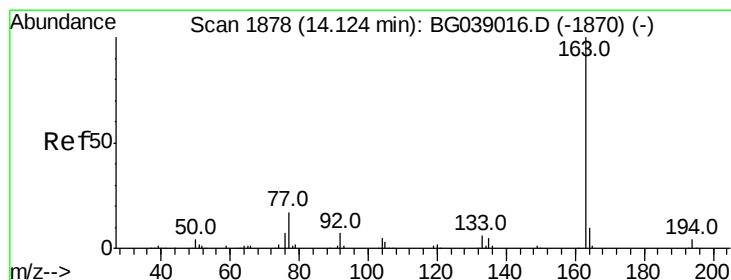
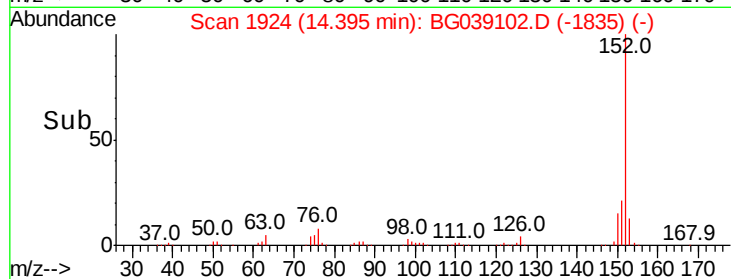
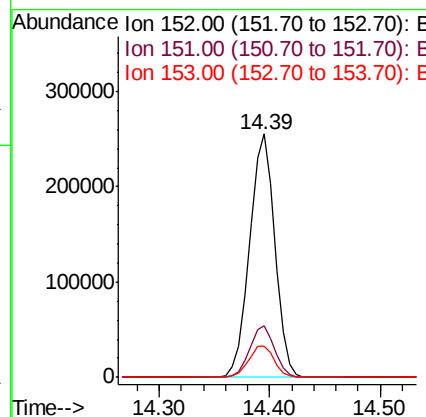
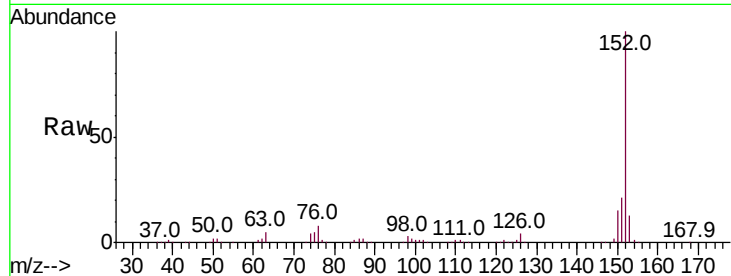




#49
Acenaphthylene
Concen: 44.980 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

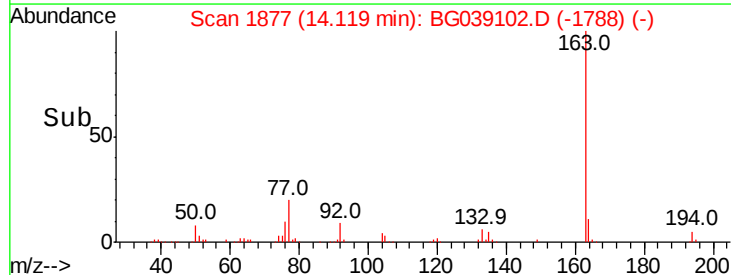
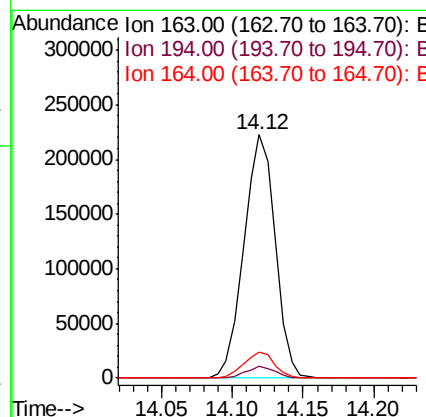
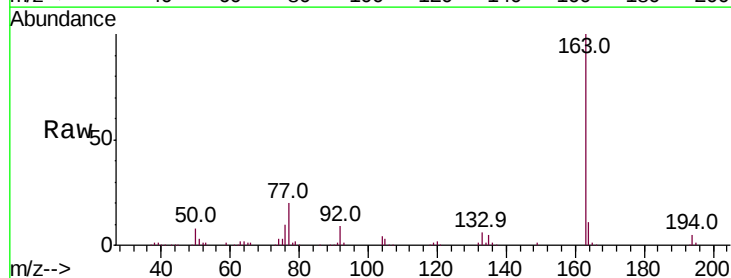
Instrument :
BNA_G
ClientSampleId :

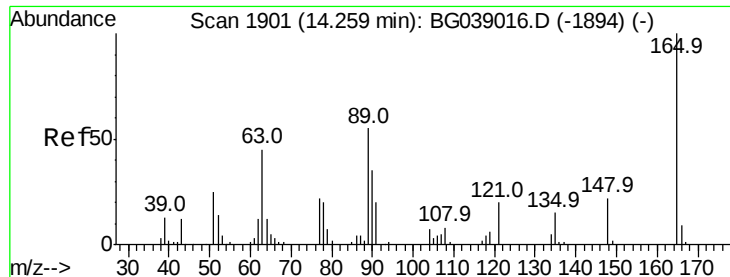
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	12.9	11.2	16.8



#50
Dimethylphthalate
Concen: 43.253 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.6	8.2	12.2

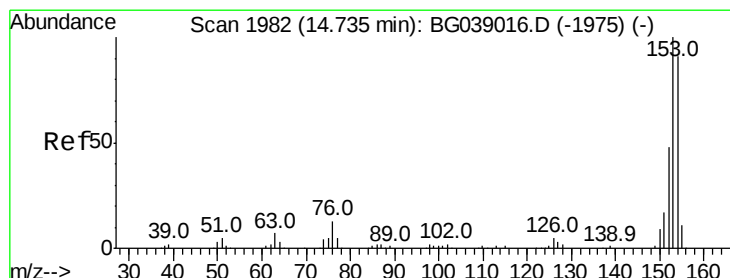
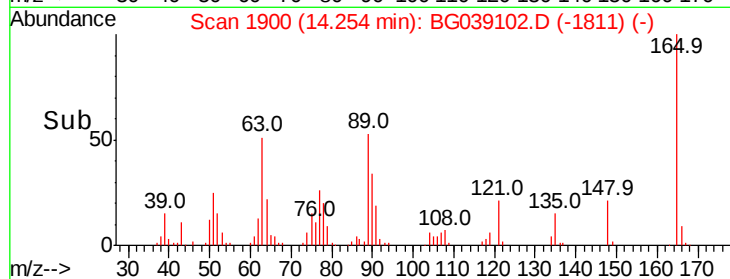
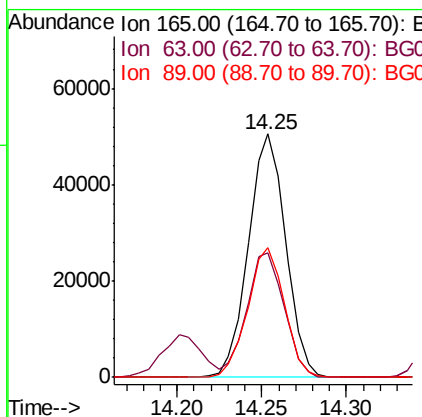
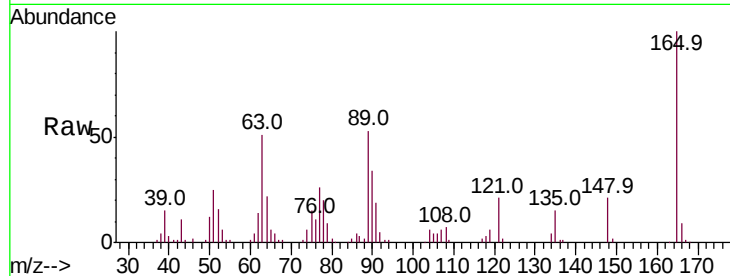




#51
 2,6-Dinitrotoluene
 Concen: 43.387 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

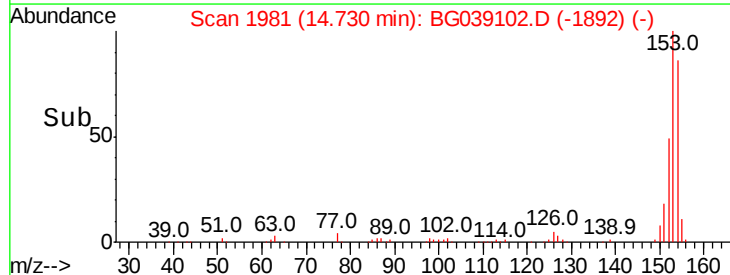
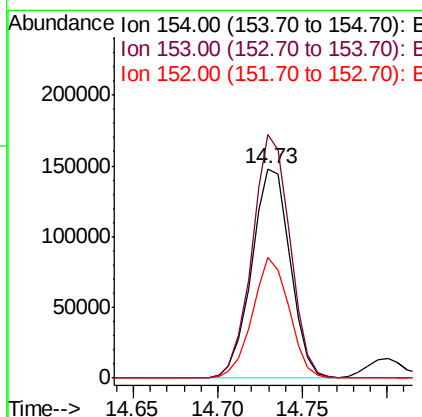
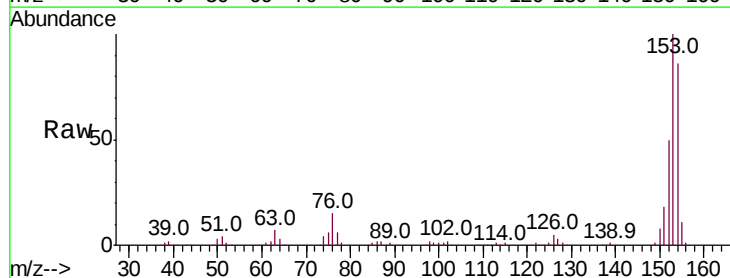
Instrument :
 BNA_G
 ClientSampleId :

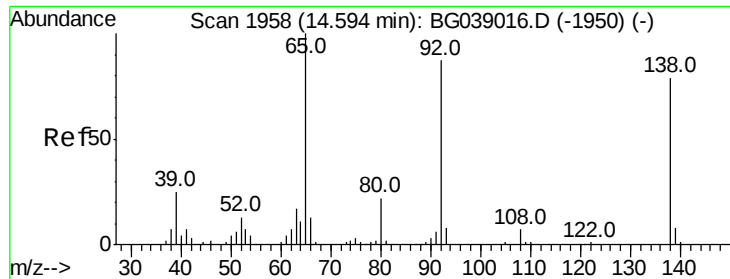
Tot Ion:165 Resp: 77372
 Ion Ratio Lower Upper
 165 100
 63 51.2 43.6 65.4
 89 53.2 43.7 65.5



#52
 Acenaphthene
 Concen: 42.976 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion:154 Resp: 234895
 Ion Ratio Lower Upper
 154 100
 153 116.4 87.9 131.9
 152 57.9 42.2 63.2





#53

3-Nitroaniline

Concen: 11.611 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

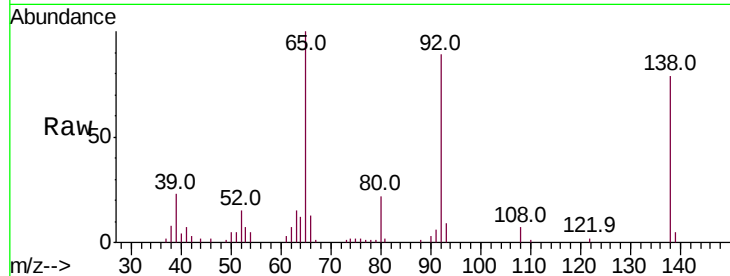
Tot Ion:138 Resp: 21005

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.0

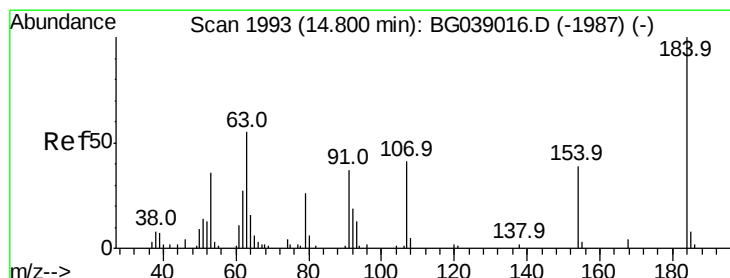
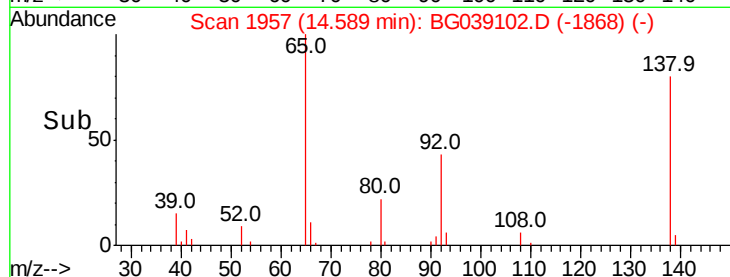
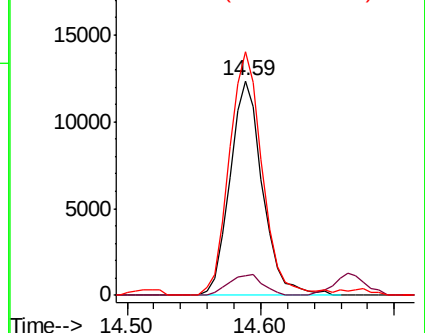
92 113.5 88.2 132.4



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: 41.481 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

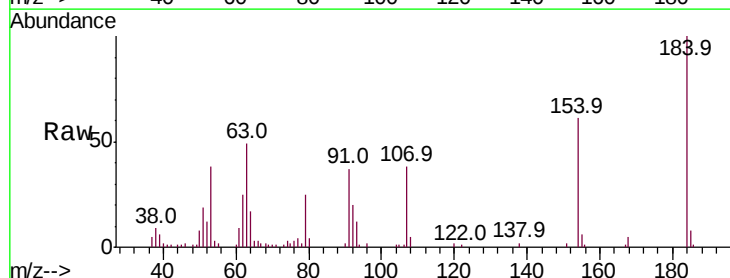
Tgt Ion:184 Resp: 41262

Ion Ratio Lower Upper

184 100

63 49.5 44.0 66.0

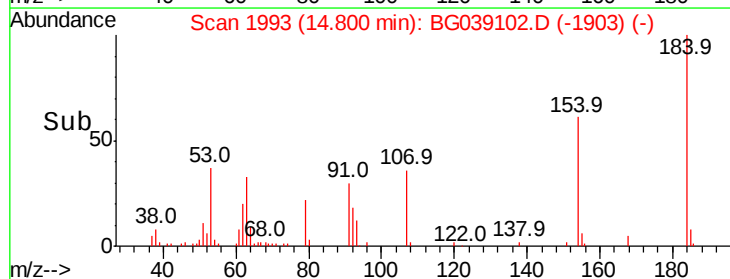
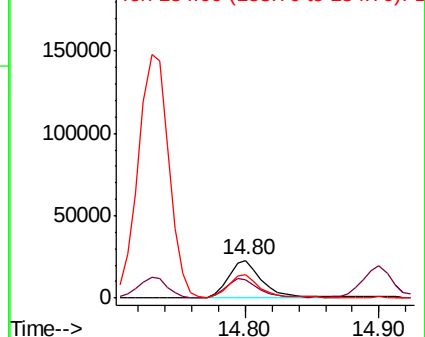
154 60.9 46.1 69.1

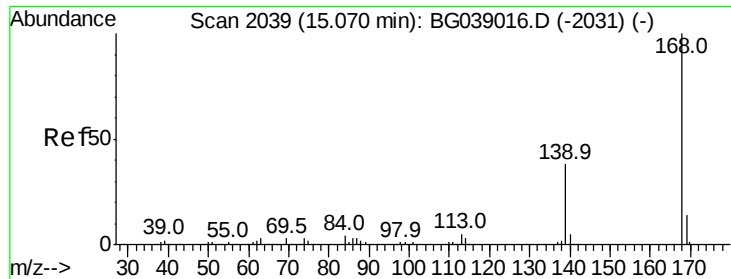


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

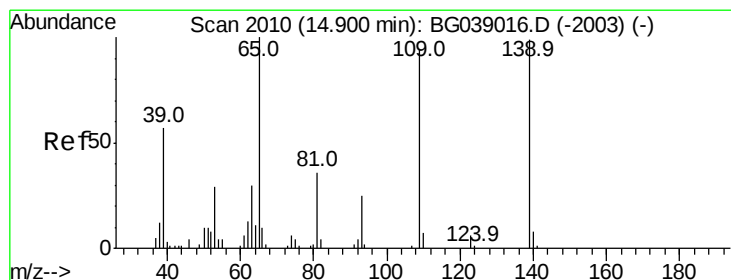
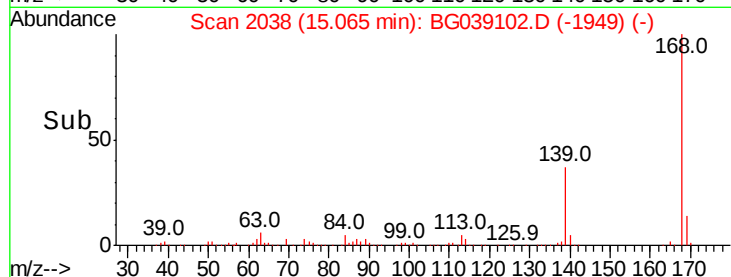
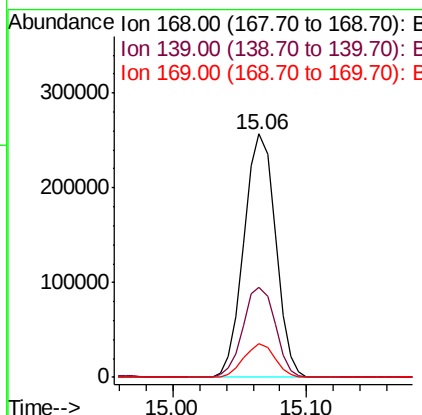
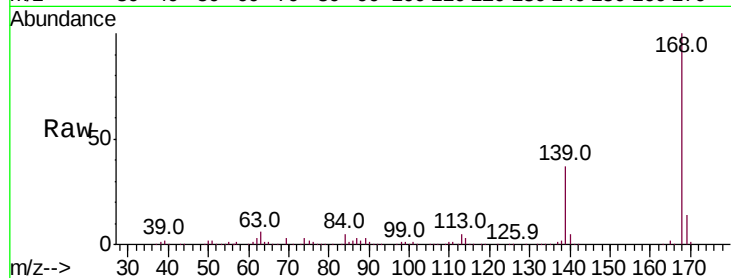




#55
Dibenzofuran
Concen: 43.561 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

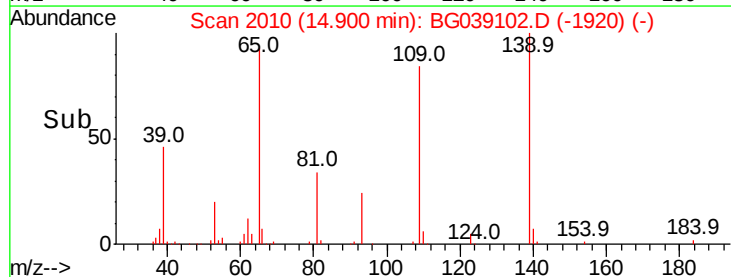
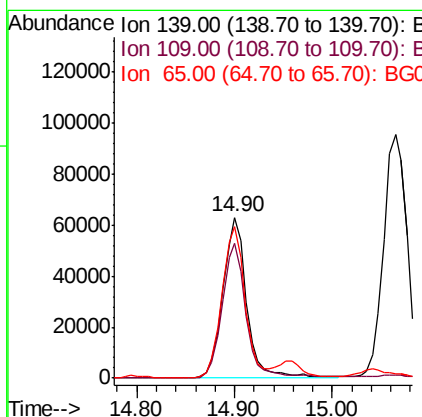
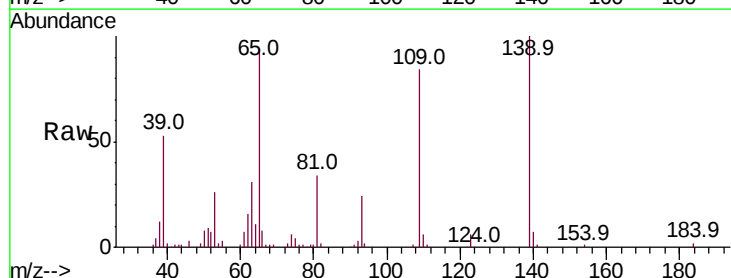
Instrument :
BNA_G
ClientSampleId :

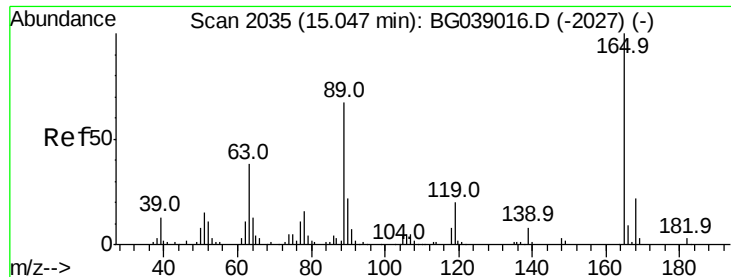
Tot Ion:168 Resp: 420509
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 82.355 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:139 Resp: 107199
Ion Ratio Lower Upper
139 100
109 83.9 75.6 115.6
65 94.3 81.2 121.2

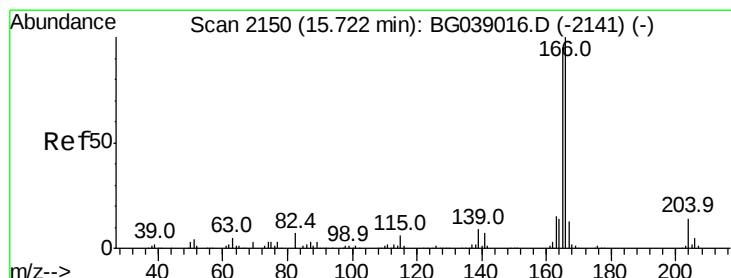
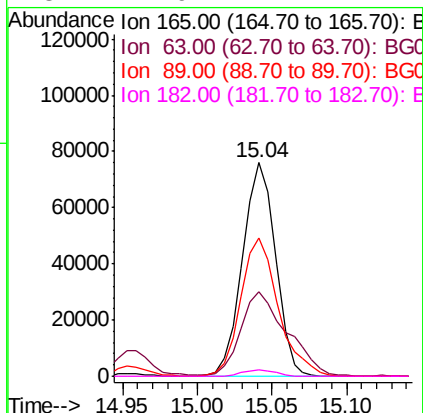
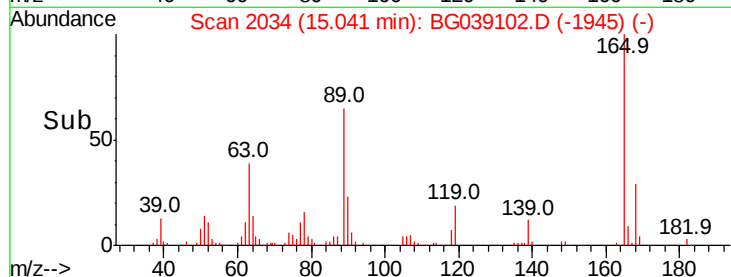
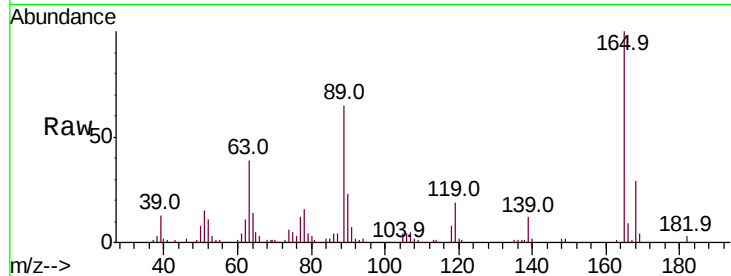




#57
2,4-Dinitrotoluene
Concen: 45.534 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

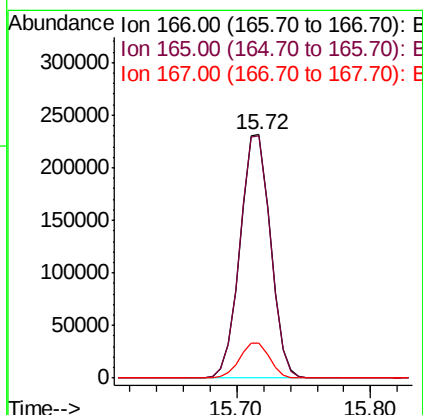
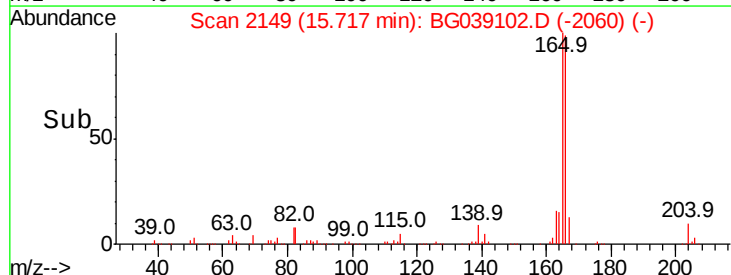
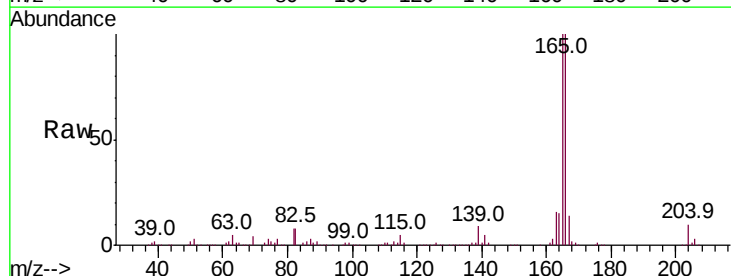
Instrument :
BNA_G
ClientSampleId :

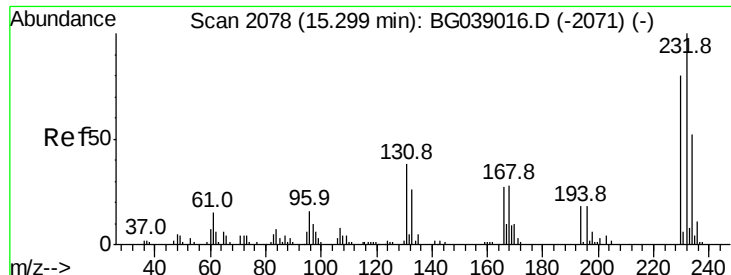
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	30.2	45.4
89	64.9	53.2	79.8
182	2.9	2.7	4.1



#58
Fluorene
Concen: 50.011 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.2	114.2
167	14.2	10.6	16.0

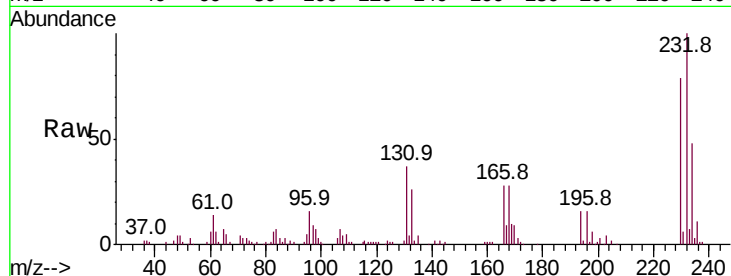




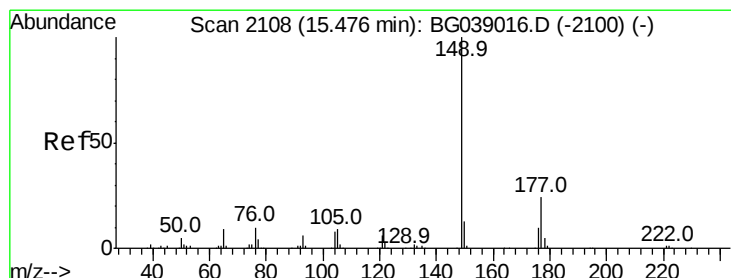
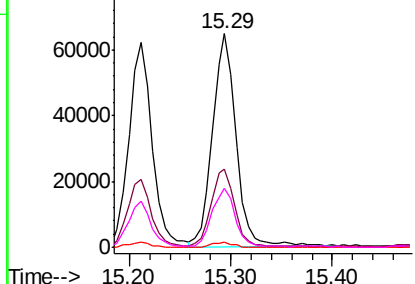
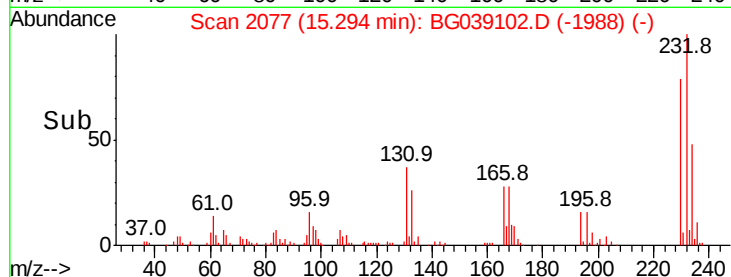
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.927 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	104456
Ion	Ratio	Lower	Upper
232	100		
131	37.0	30.9	46.3
130	2.2	1.9	2.9
166	26.9	22.1	33.1

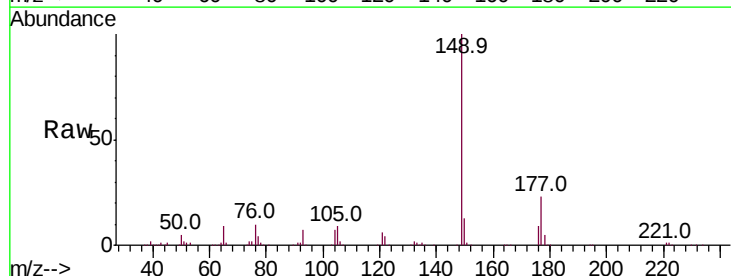


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

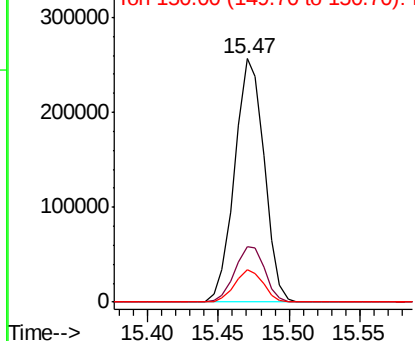
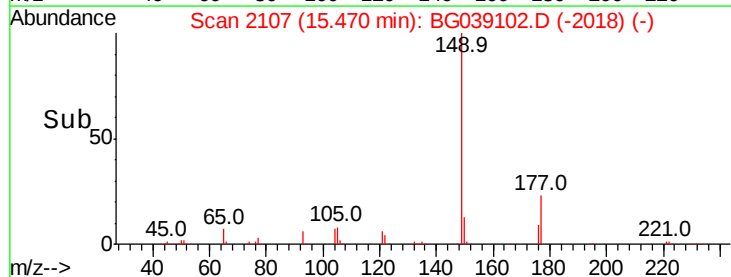


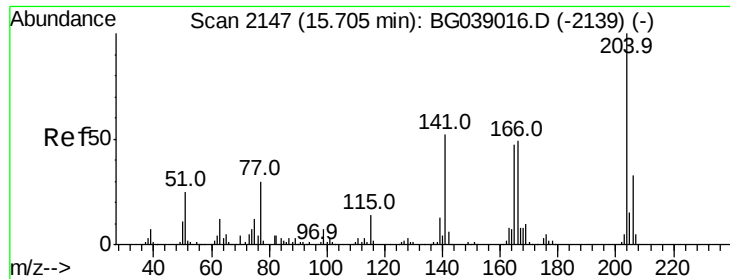
#60
 Diethylphthalate
 Concen: 45.537 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion:	149	Resp:	374227
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	13.3	10.2	15.4



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

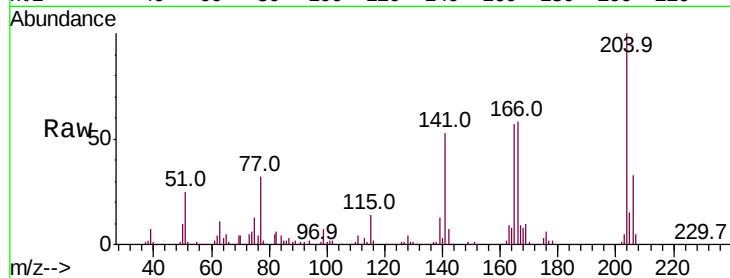




#61
4-Chlorophenyl-phenylether
Concen: 44.566 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	53.0	41.4	62.0

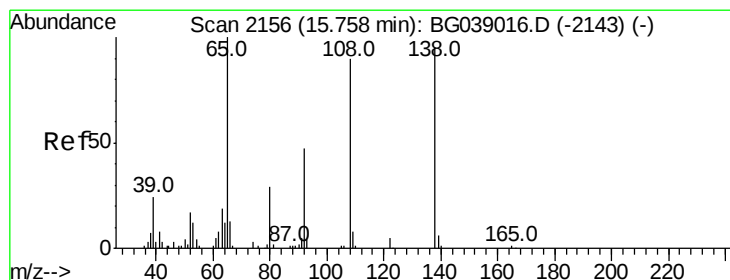
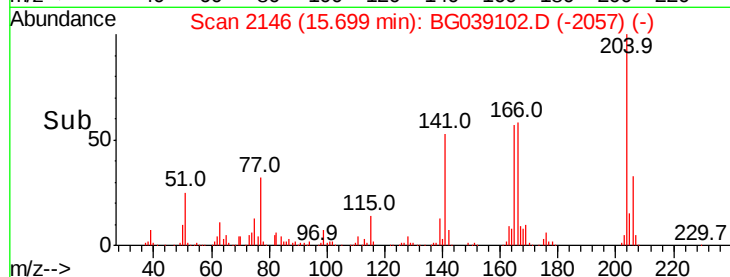
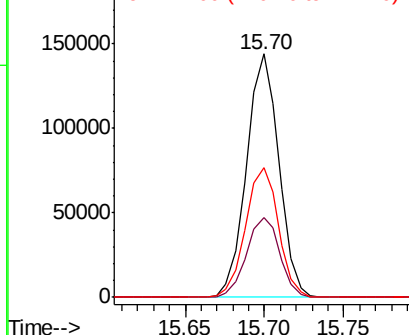


Abundance

Ion 204.00 (203.70 to 204.70): E

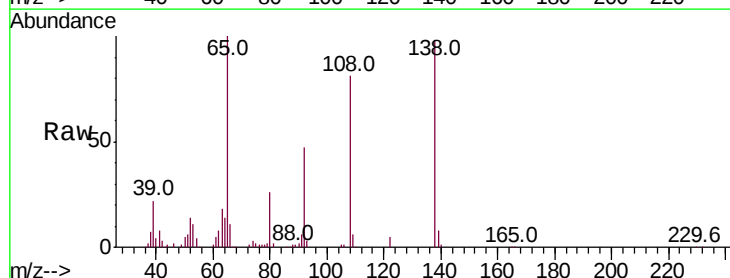
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.621 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.7	69.7
108	82.8	75.7	115.7

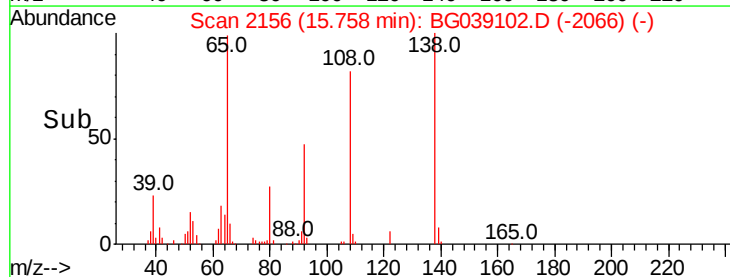
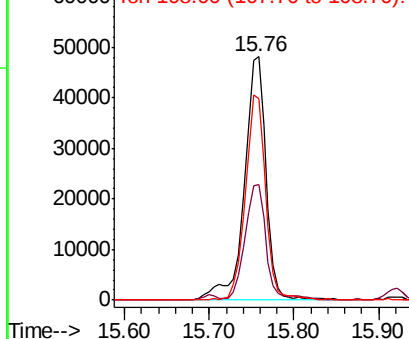


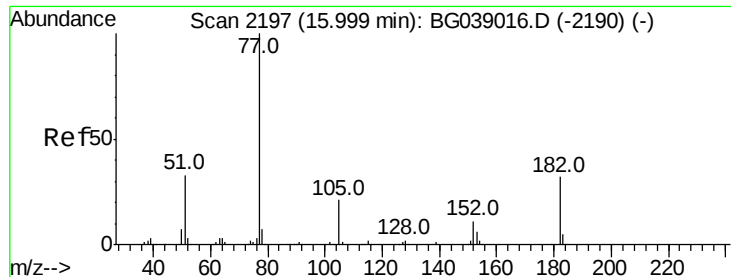
Abundance

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

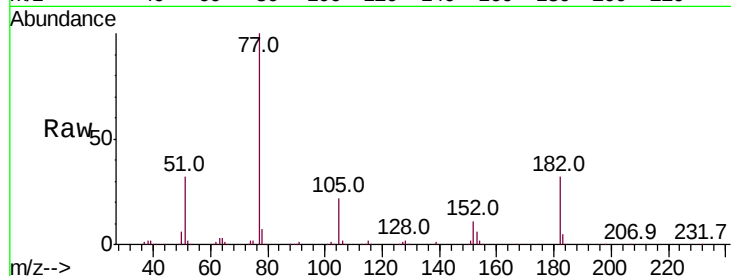




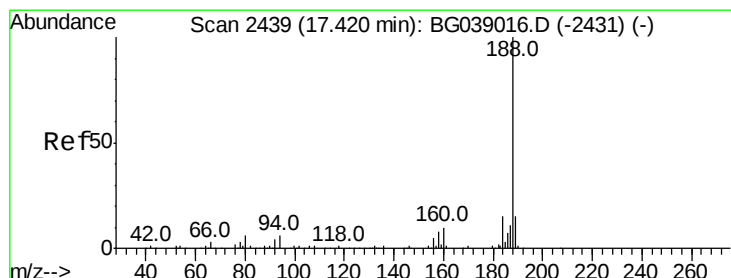
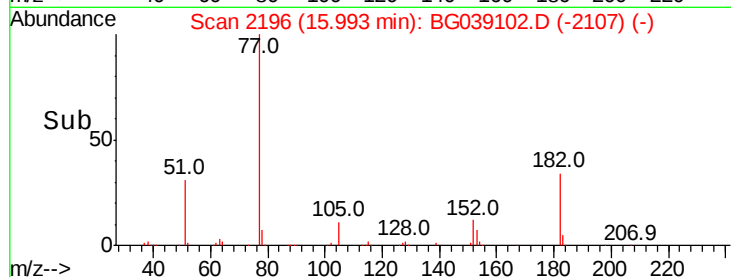
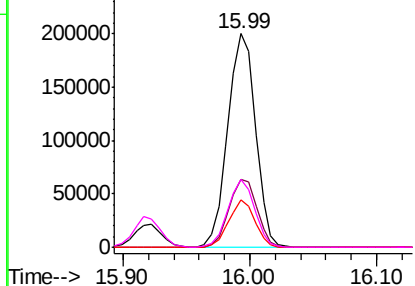
#63
Azobenzene
Concen: 46.994 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	302017
Ion	Ratio	Lower	Upper
77	100		
182	31.9	12.2	52.2
105	21.9	1.2	41.2
51	31.9	13.4	53.4

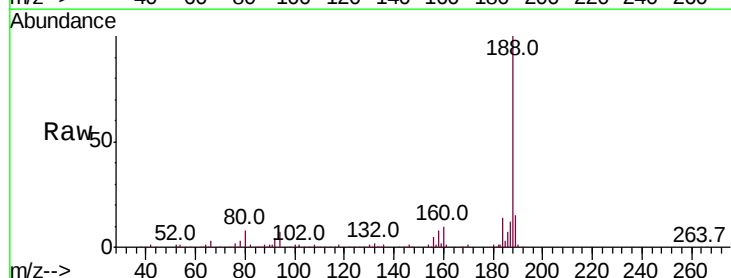


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

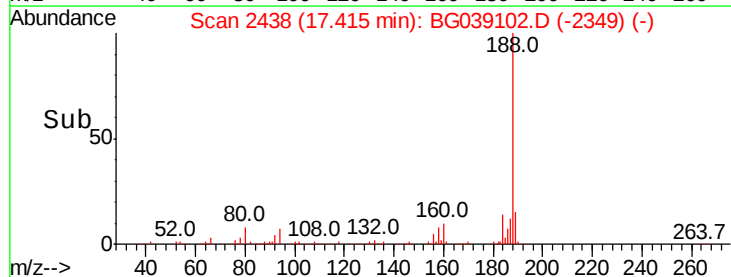
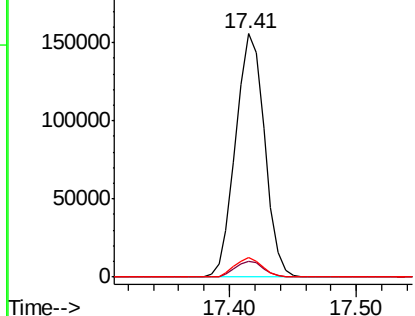


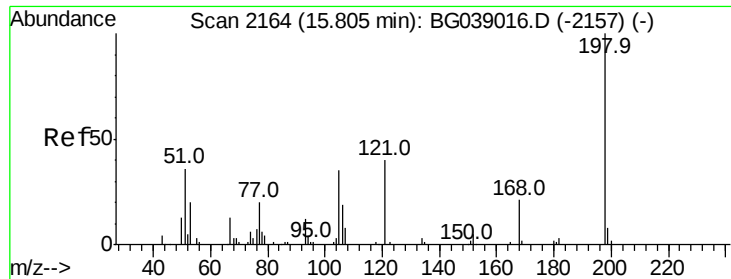
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:	188	Resp:	246181
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.0	7.4
80	8.1	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: 27.743 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

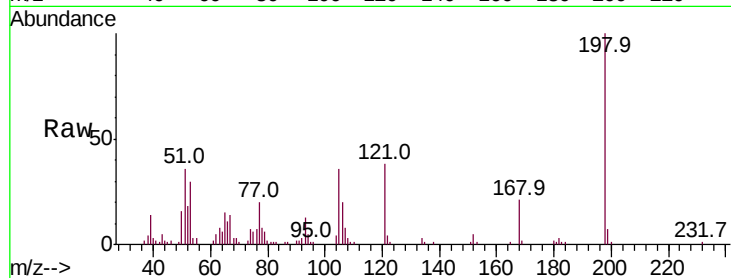
Tot Ion:198 Resp: 50600

Ion Ratio Lower Upper

198 100

51 36.0 20.8 60.8

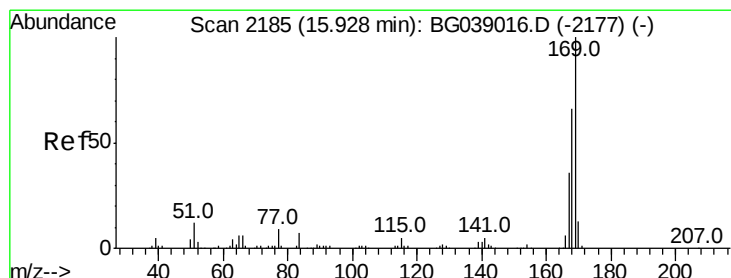
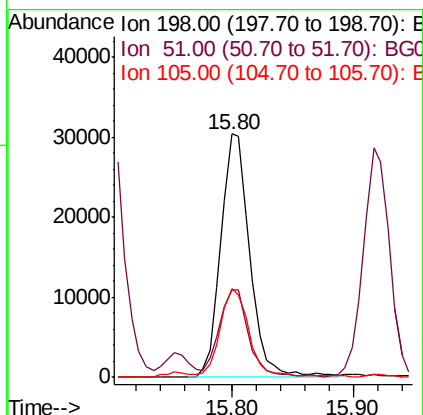
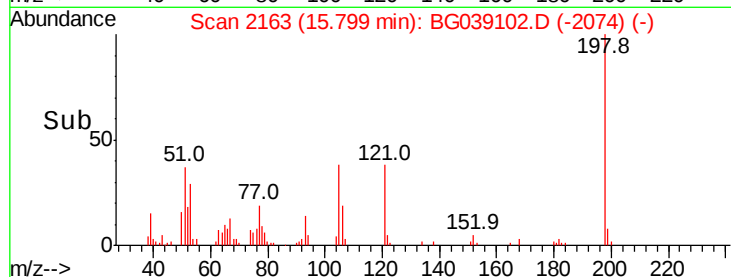
105 36.4 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039102.D (-2074) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.053 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

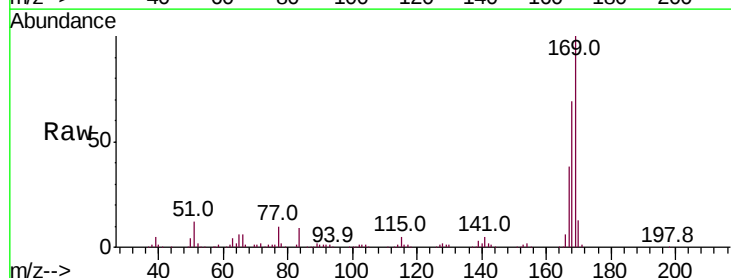
Tgt Ion:169 Resp: 328795

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

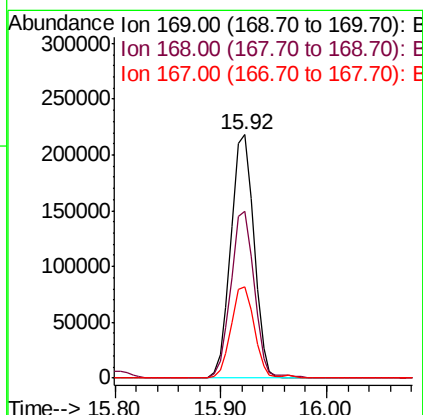
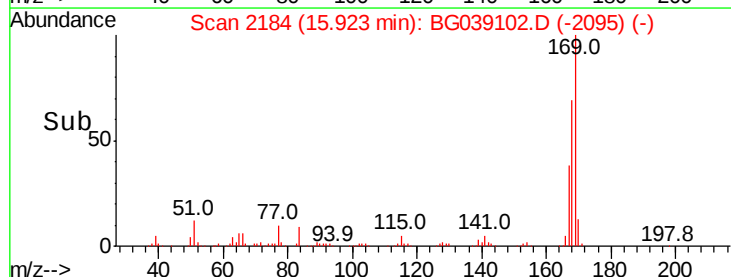
167 37.7 29.1 43.7

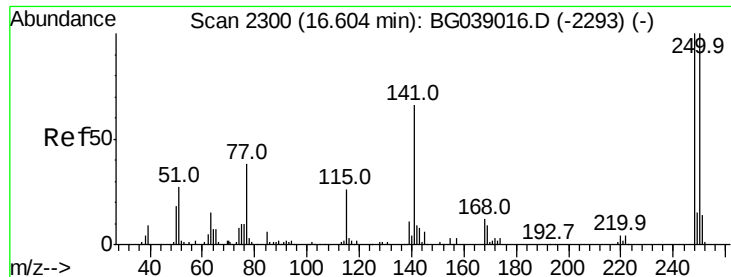


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

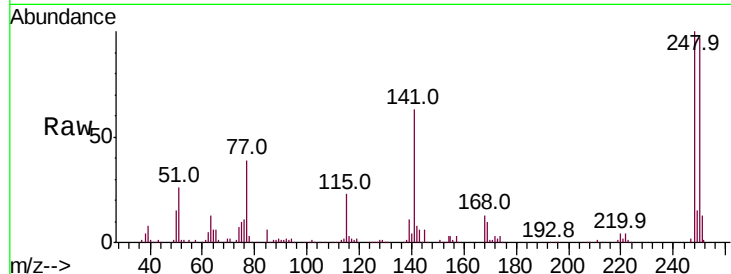




#67
 4-Bromophenyl-phenylether
 Concen: 42.107 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.9	119.9
141	62.8	52.7	79.1

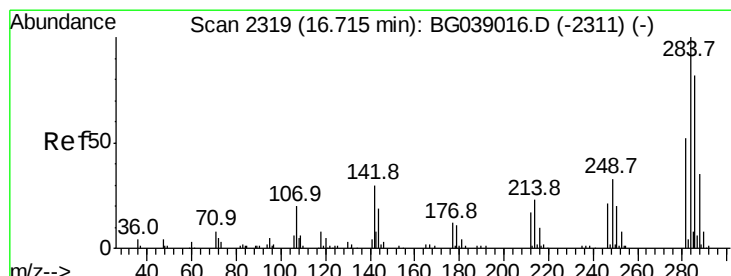
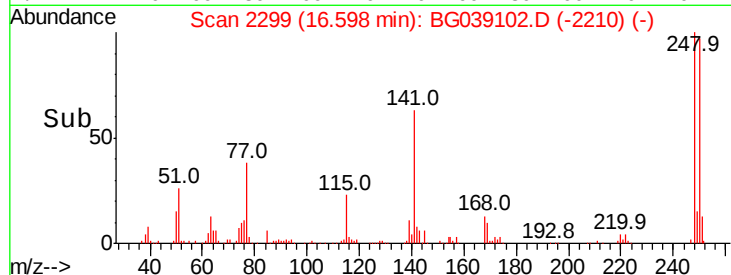
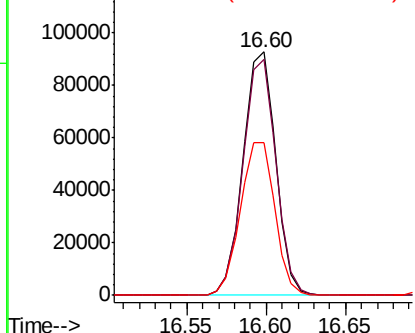


Abundance

Ion 248.00 (247.70 to 248.70): E

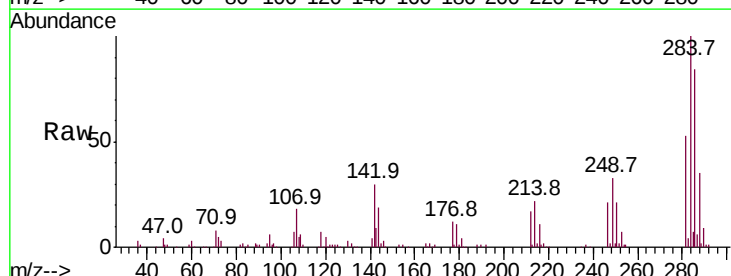
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.697 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.3	36.5
249	35.7	27.8	41.8

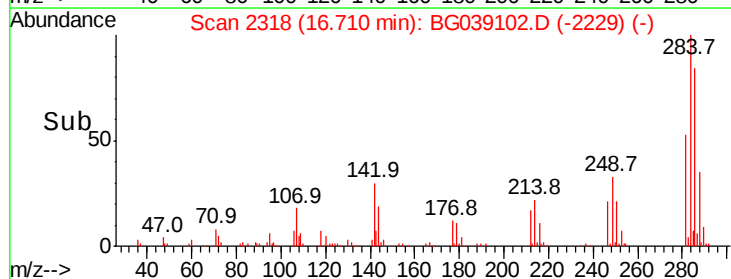
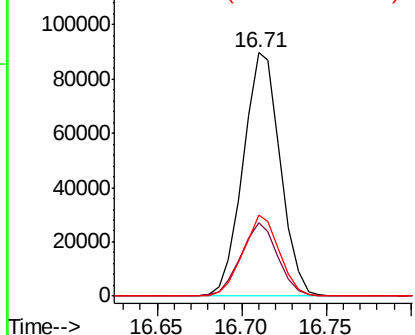


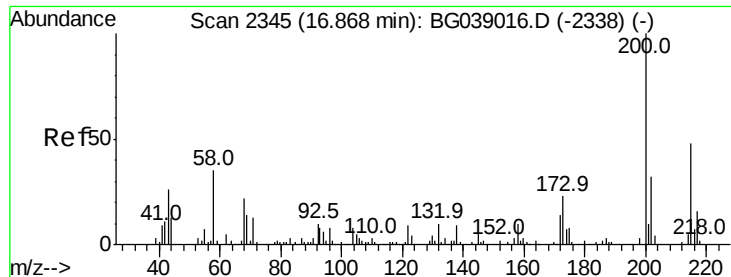
Abundance

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

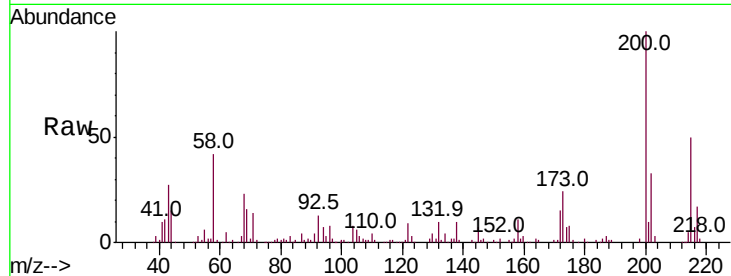




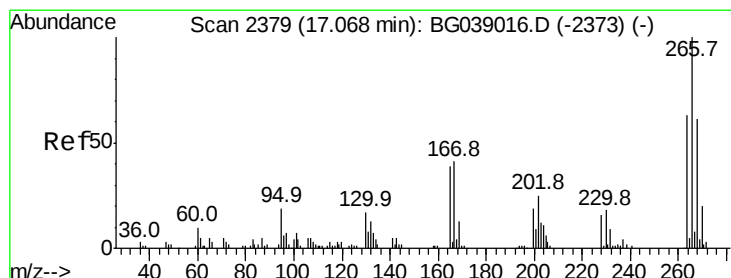
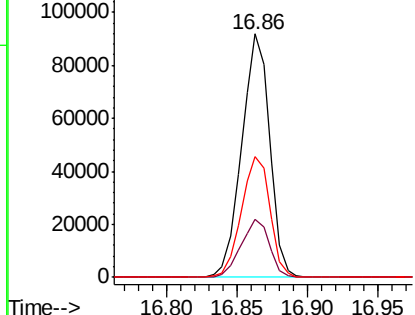
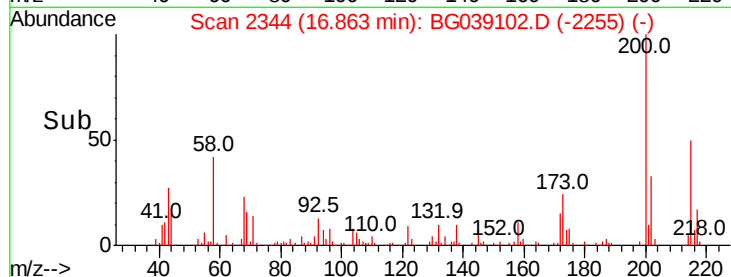
#69
 Atrazine
 Concen: 41.069 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.6	42.6
215	49.5	28.0	68.0

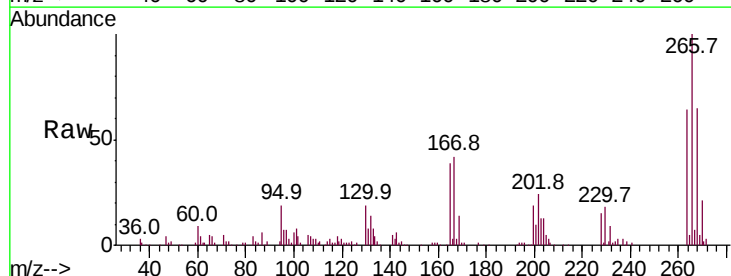


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

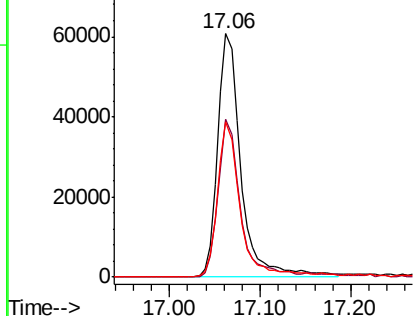
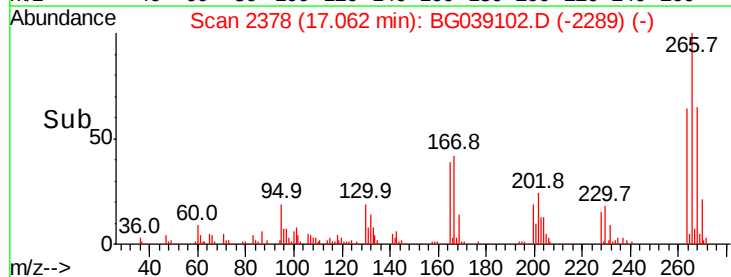


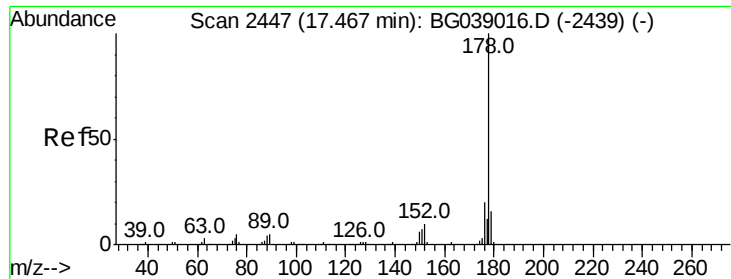
#70
 Pentachlorophenol
 Concen: 52.978 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.0	78.0
264	69.1	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

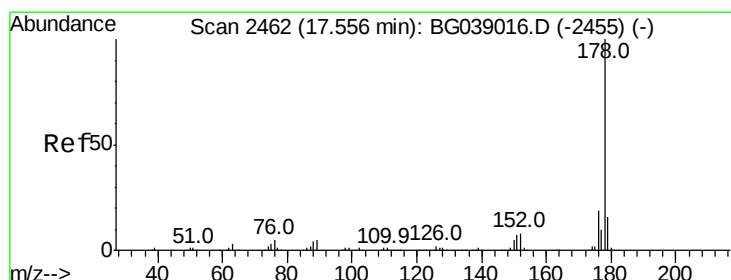
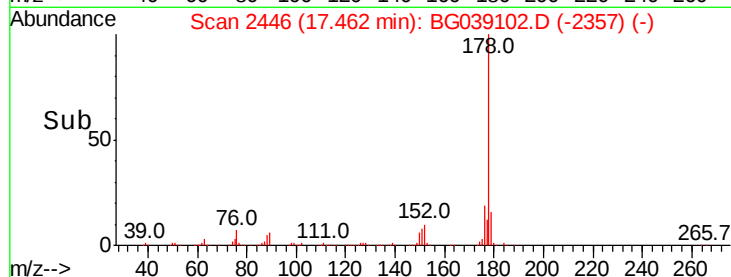
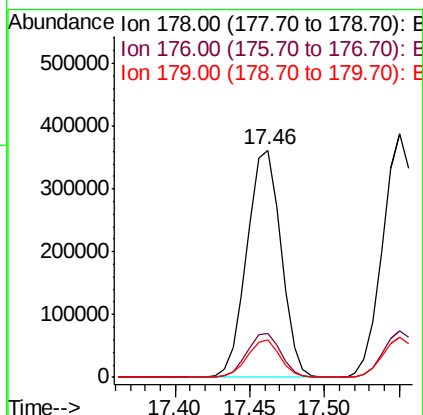
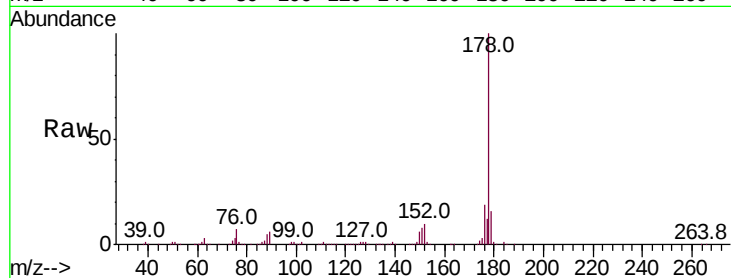




#71
Phenanthrene
Concen: 43.851 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

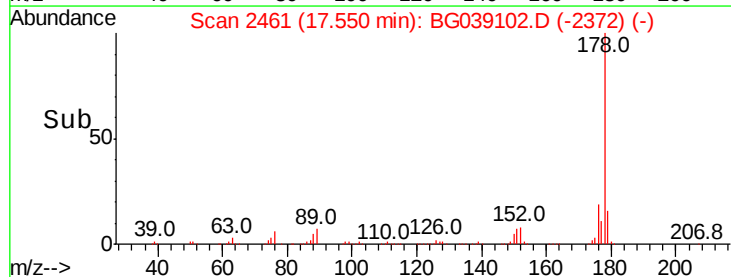
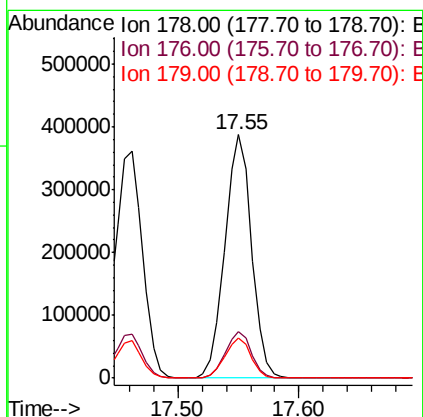
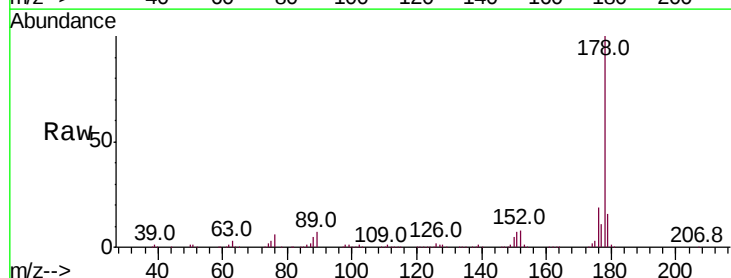
Instrument :
BNA_G
ClientSampleId :

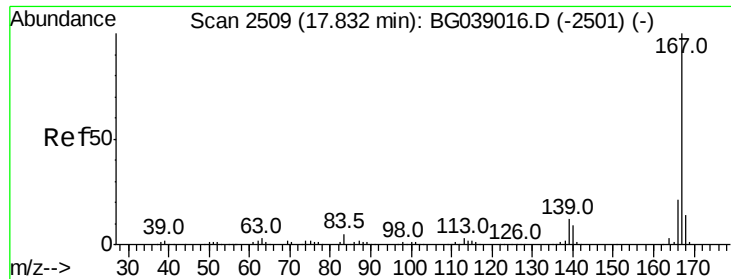
Tot Ion:178 Resp: 570600
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.4 12.9 19.3



#72
Anthracene
Concen: 45.946 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:178 Resp: 591136
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 16.4 13.0 19.4

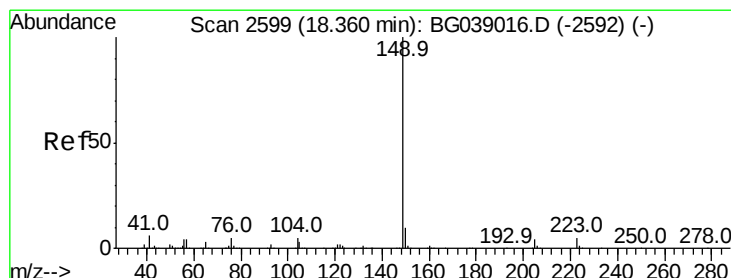
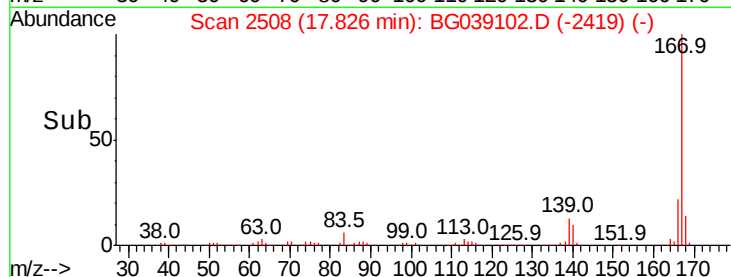
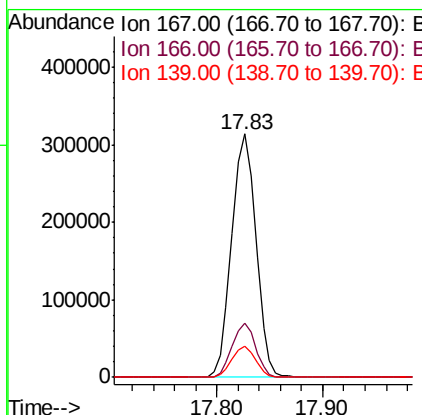
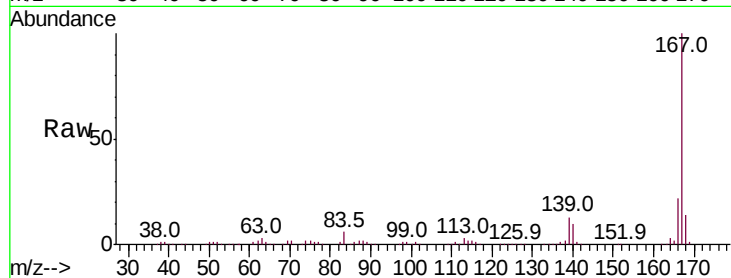




#73
 Carbazole
 Concen: 39.387 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

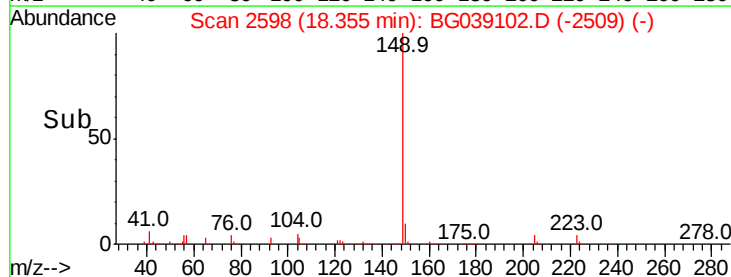
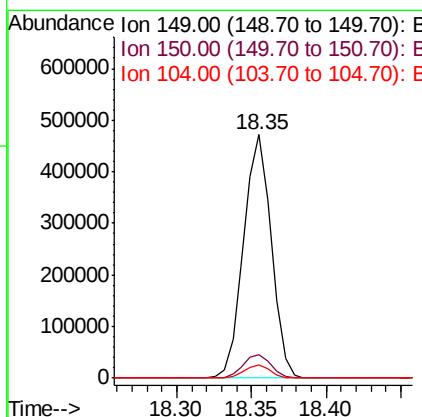
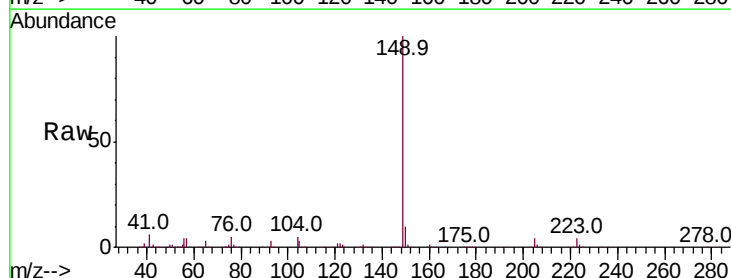
Instrument :
 BNA_G
 ClientSampleId :

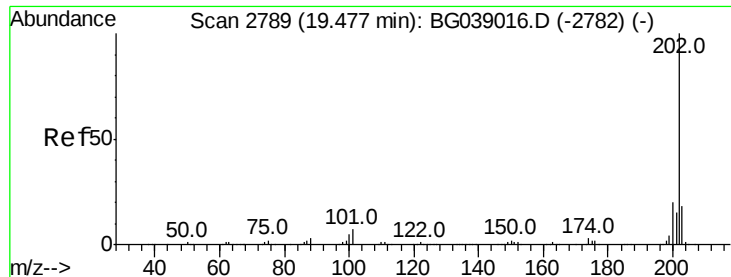
Tot Ion:167 Resp: 500246
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.9 25.3
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 42.864 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion:149 Resp: 605636
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.3 4.2 6.2

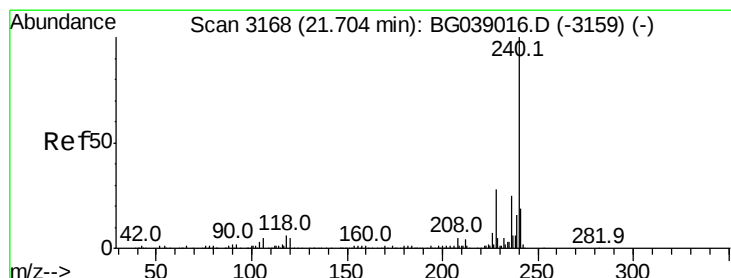
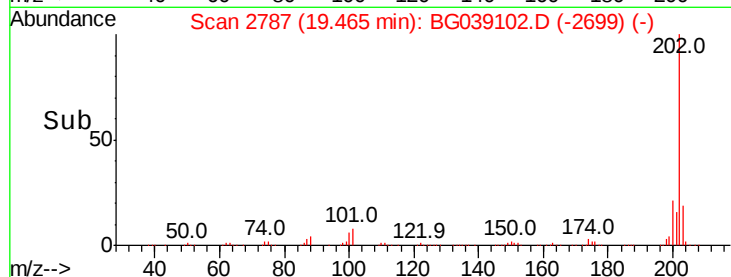
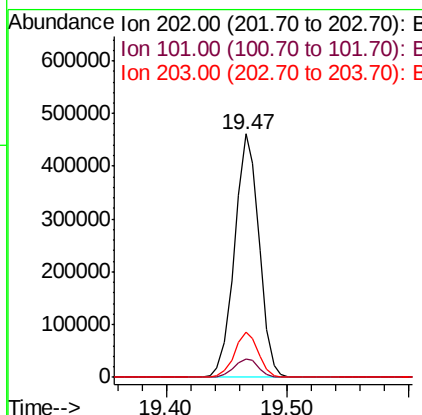
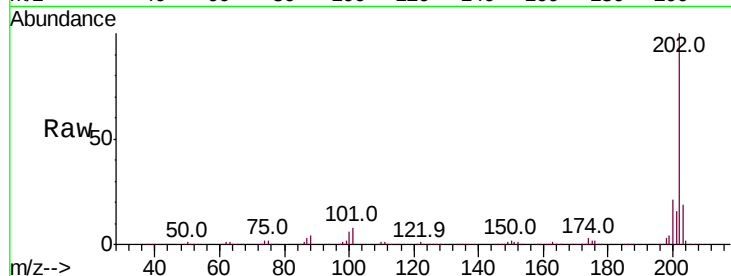




#75
 Fluoranthene
 Concen: 40.305 ng
 RT: 19.47 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

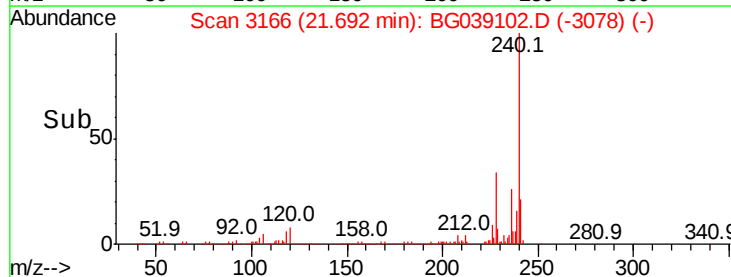
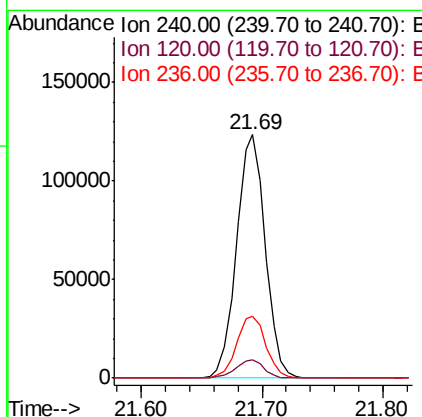
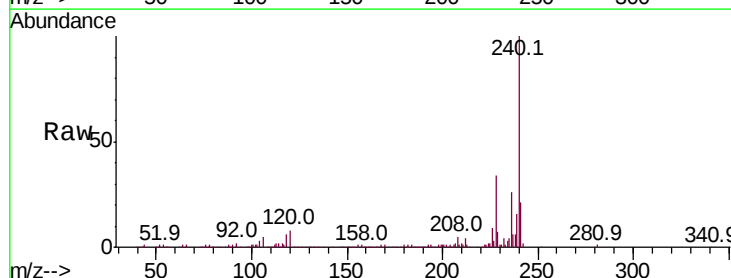
Instrument :
 BNA_G
 ClientSampleId :

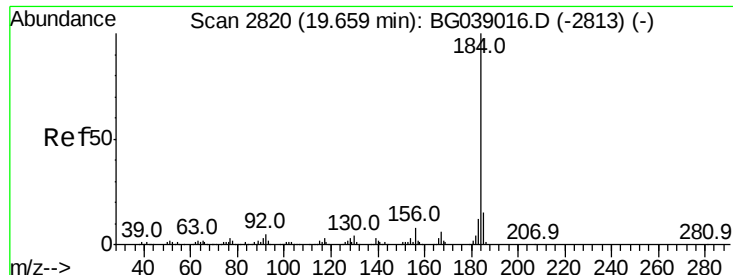
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	26.9
203	18.5	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	4.3	6.5#
236	25.6	20.1	30.1





#77

Benzidine

Concen: 19.046 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampled :

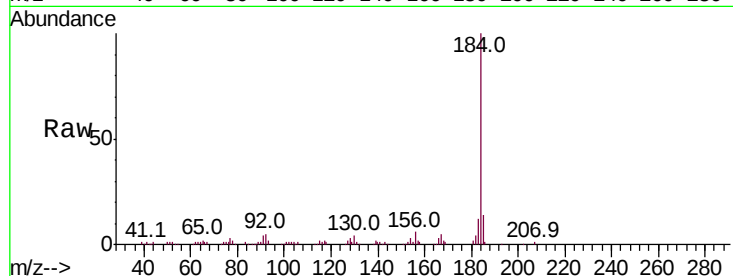
Tot Ion:184 Resp: 119078

Ion Ratio Lower Upper

184 100

185 14.2 12.1 18.1

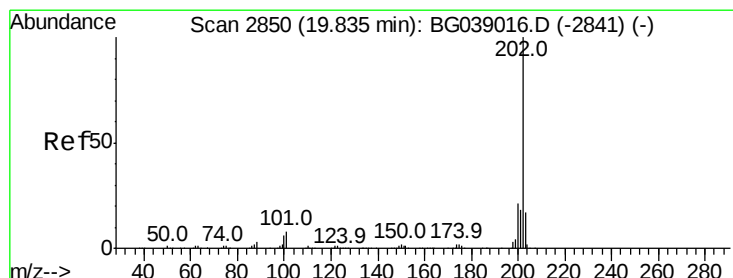
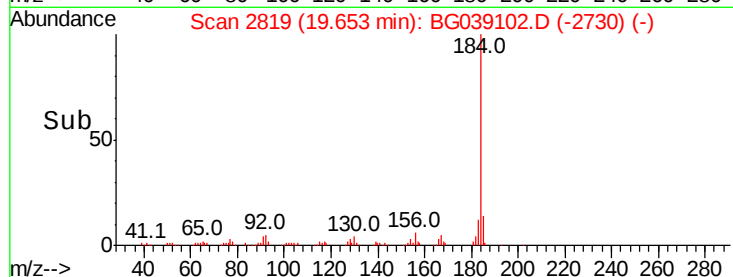
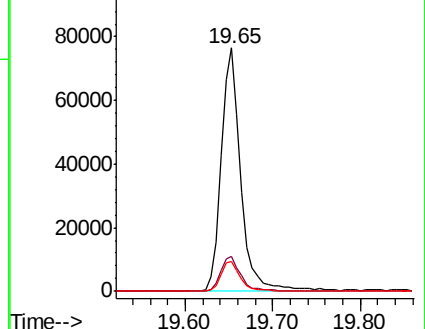
183 12.5 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.784 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

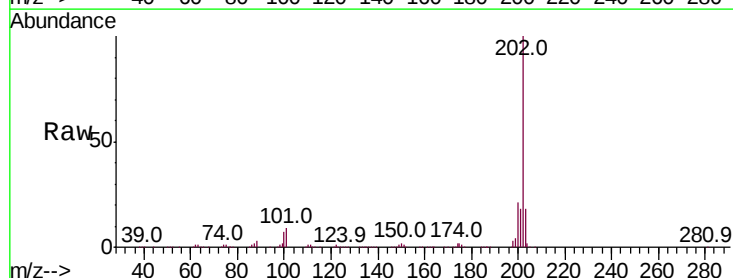
Tgt Ion:202 Resp: 609454

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

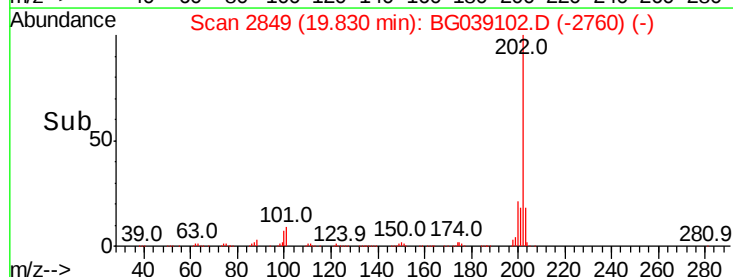
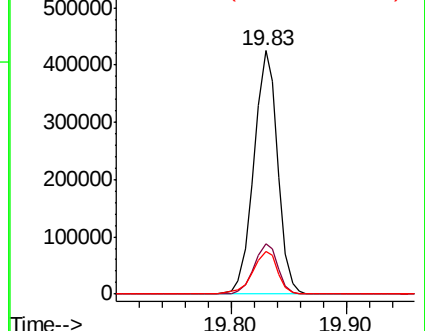
203 17.5 14.0 21.0

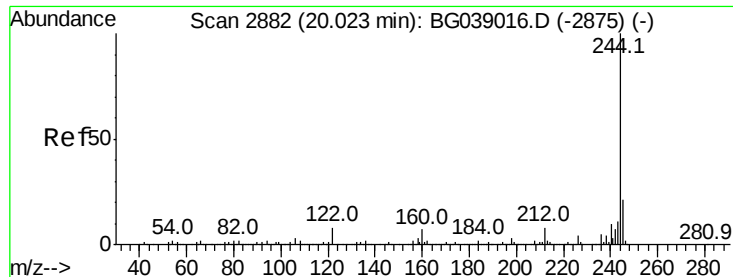


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.628 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

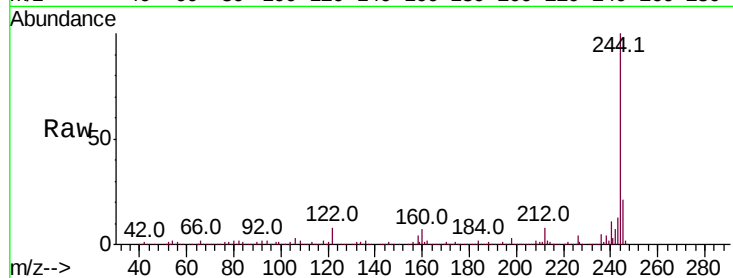
Tot Ion:244 Resp: 979335

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

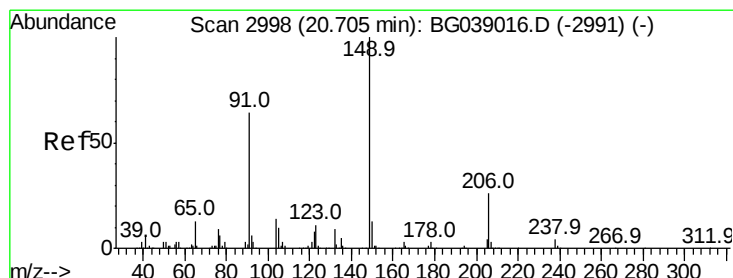
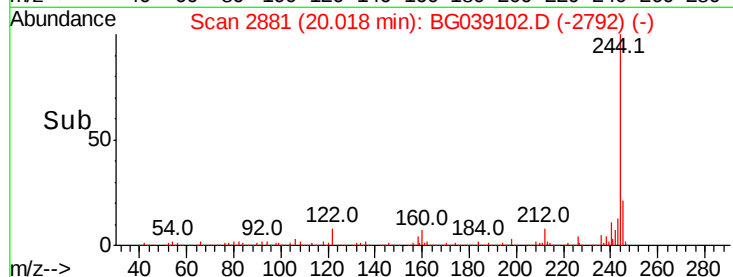
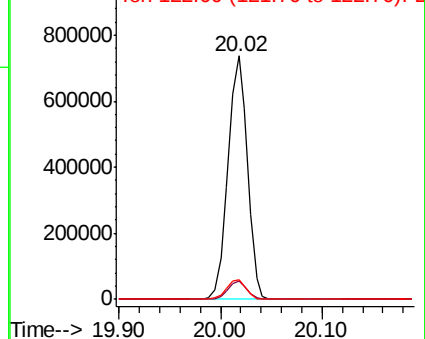
122 8.3 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.599 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

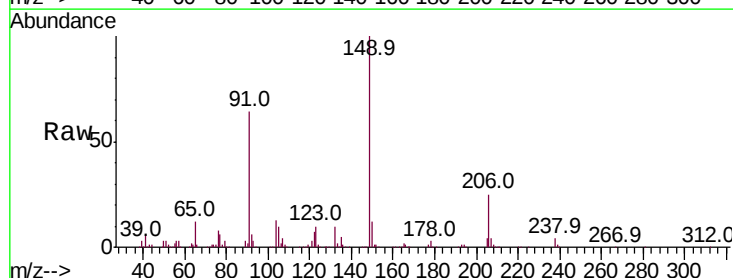
Tgt Ion:149 Resp: 225926

Ion Ratio Lower Upper

149 100

91 64.4 51.4 77.0

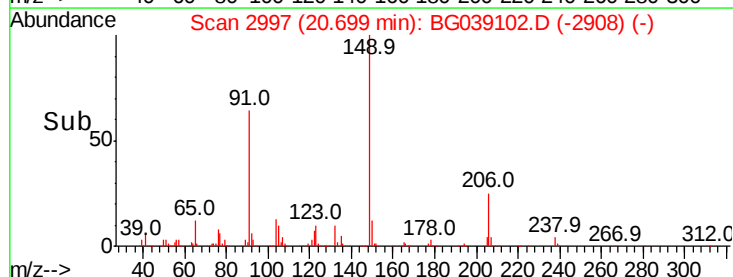
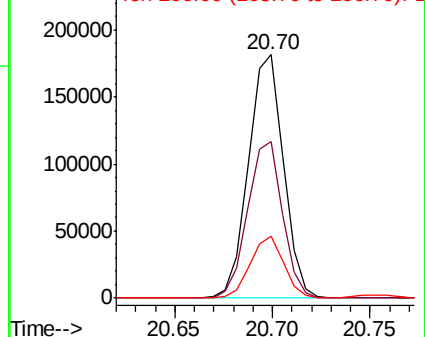
206 25.2 20.4 30.6

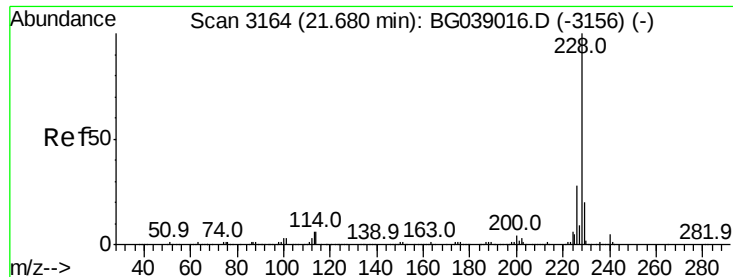


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.005 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

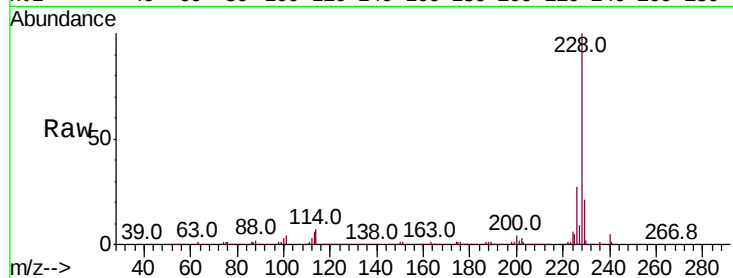
Tot Ion:228 Resp: 560023

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	20.9	16.2	24.2

228 100

226 27.3 22.4 33.6

229 20.9 16.2 24.2

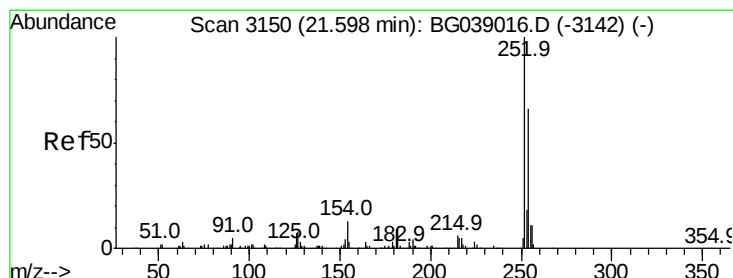
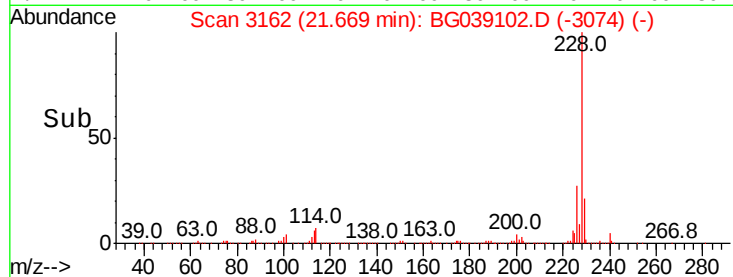
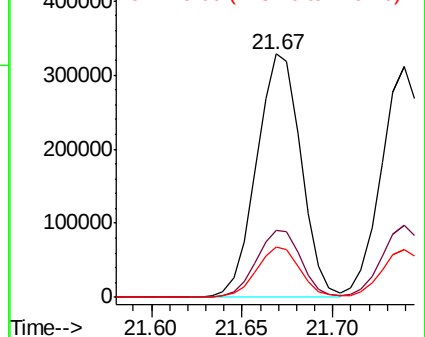


Abundance

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: 16.970 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

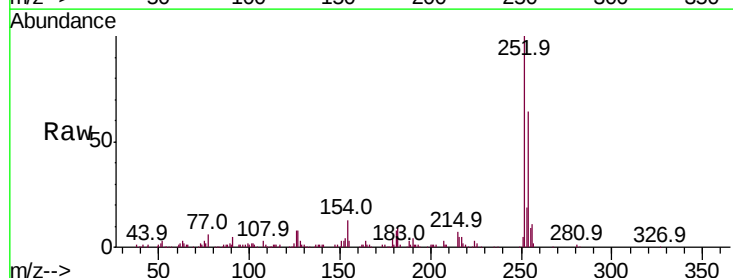
Tgt Ion:252 Resp: 86037

Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.0	79.6
126	7.7	6.0	9.0

252 100

254 64.4 53.0 79.6

126 7.7 6.0 9.0

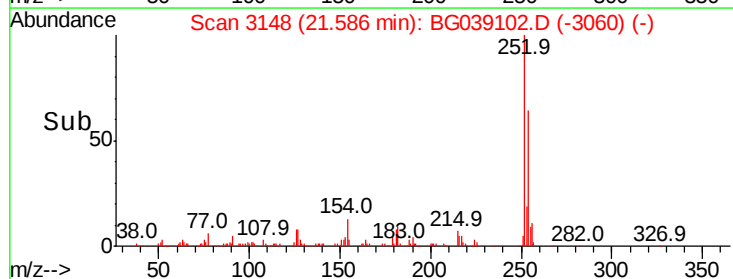
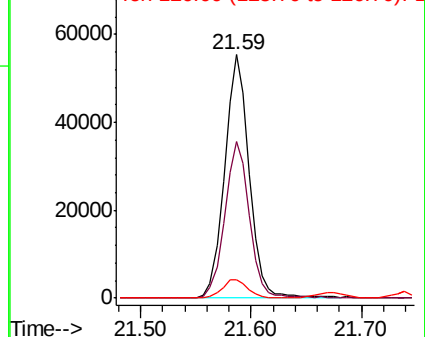


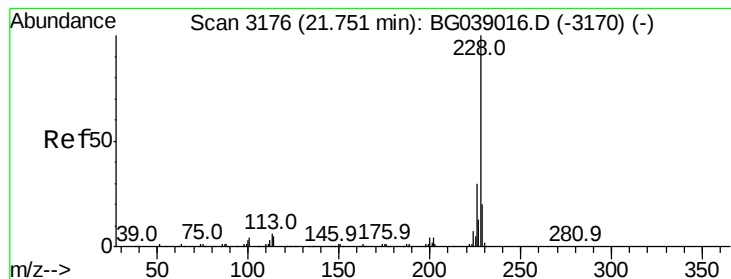
Abundance

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: 43.782 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

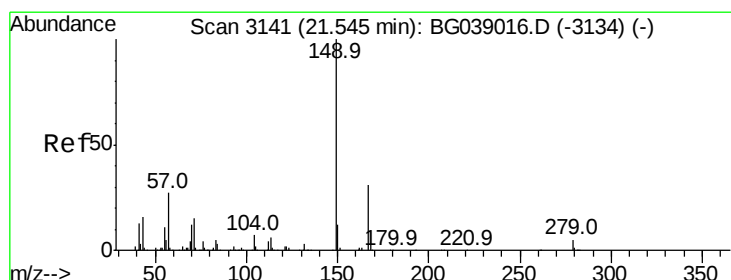
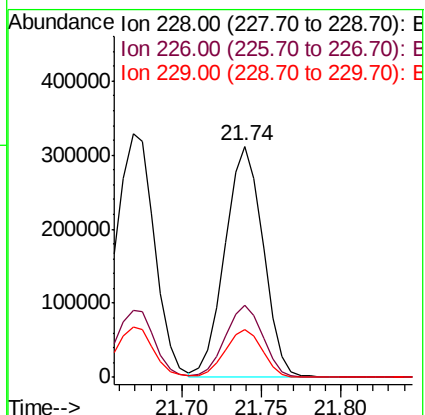
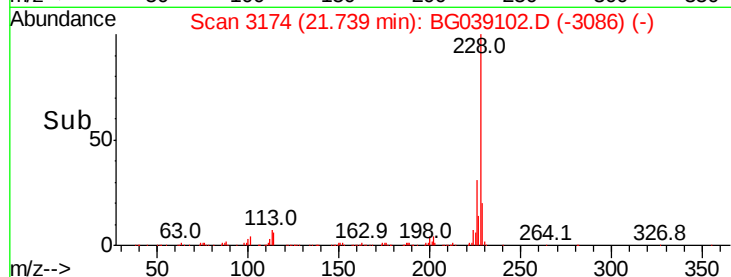
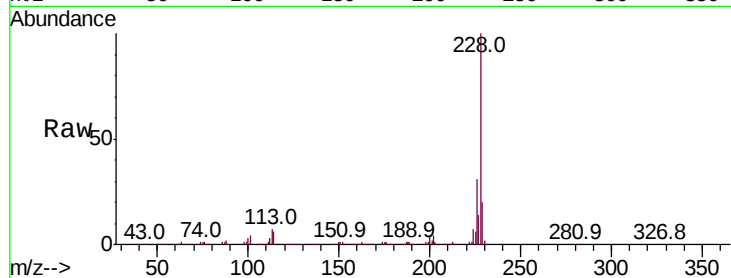
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 518165

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.4	16.0	24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.281 ng

RT: 21.54 min Scan# 3140

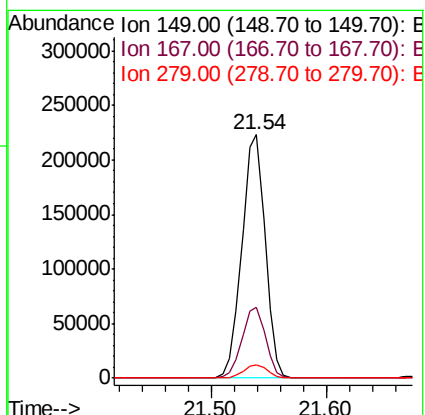
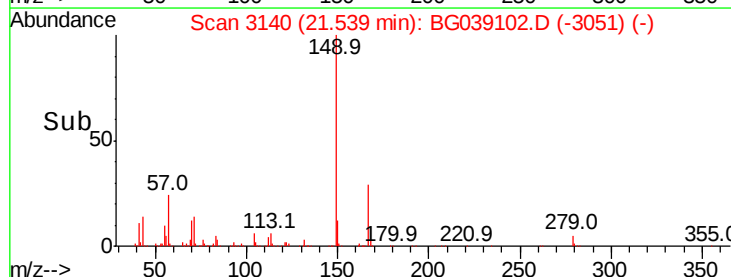
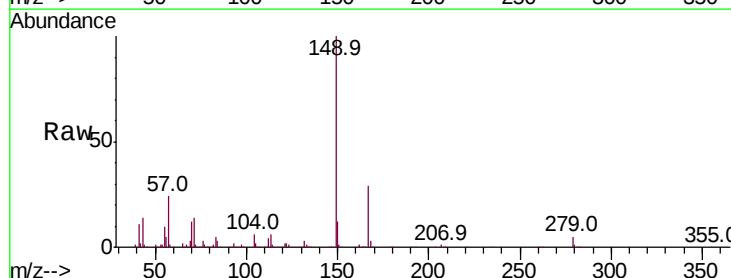
Delta R.T. -0.01 min

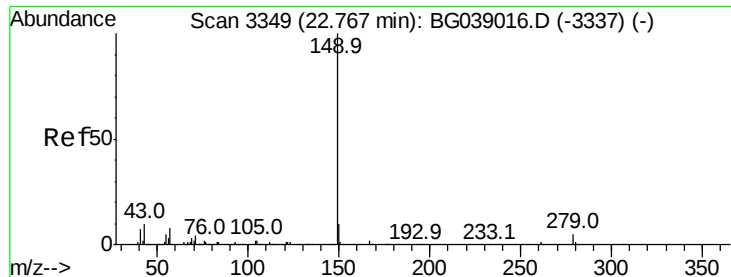
Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:149 Resp: 311512

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





#85

Di-n-octyl phthalate

Concen: 47.133 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

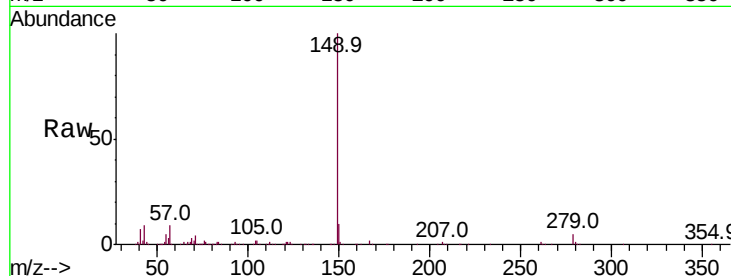
Tot Ion:149 Resp: 548291

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

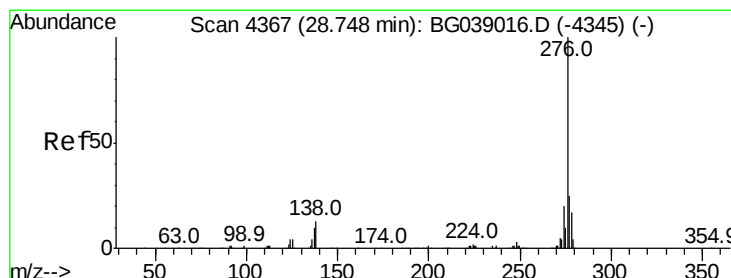
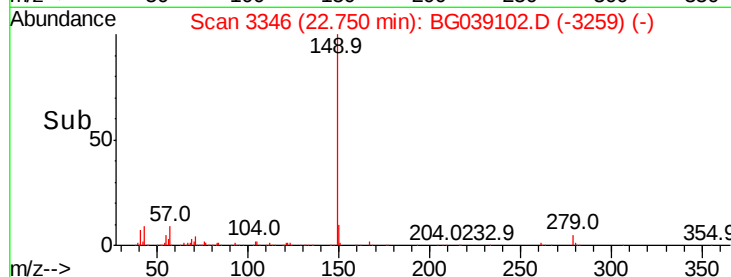
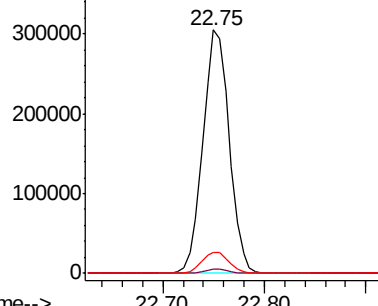
43 8.8 7.5 11.3



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: 48.885 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

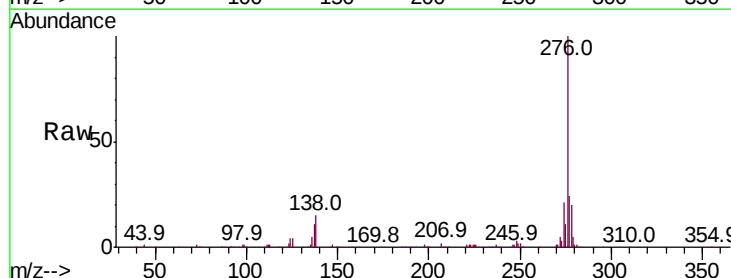
Tgt Ion:276 Resp: 691321

Ion Ratio Lower Upper

276 100

138 18.0 8.0 12.0#

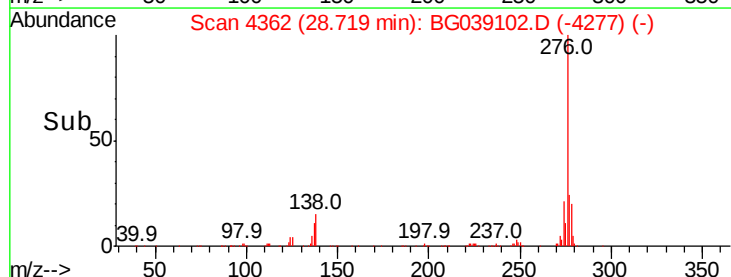
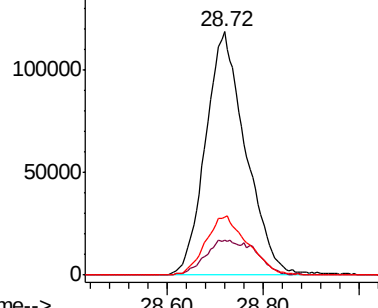
277 25.4 20.3 30.5

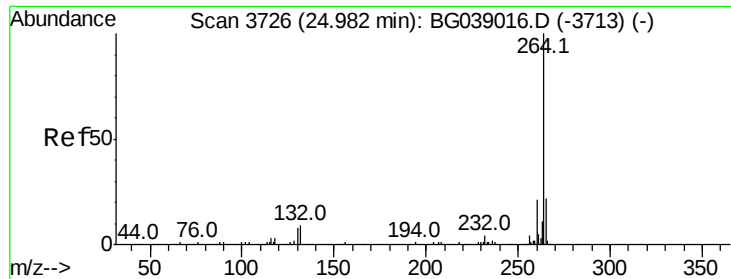


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

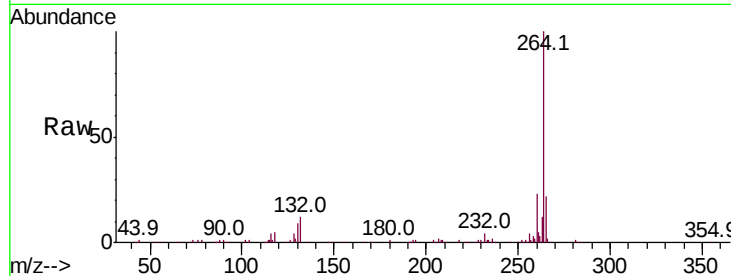
Tot Ion:264 Resp: 224807

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

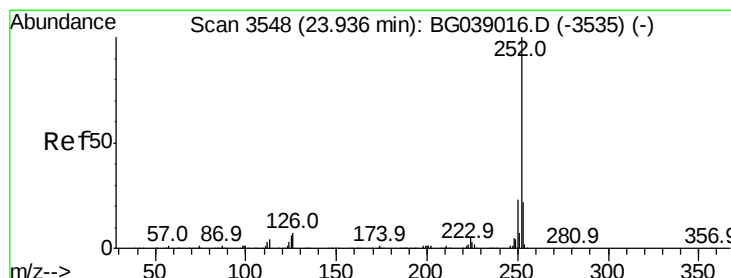
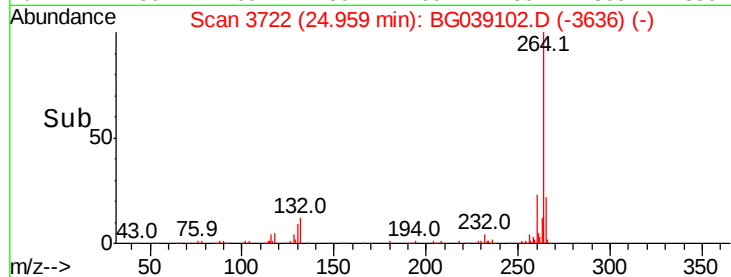
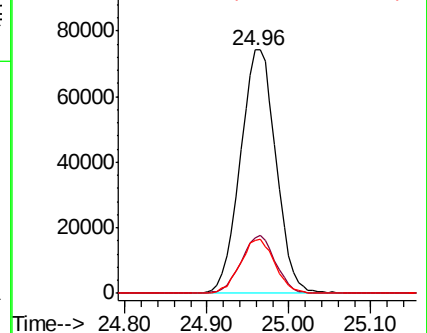
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.233 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

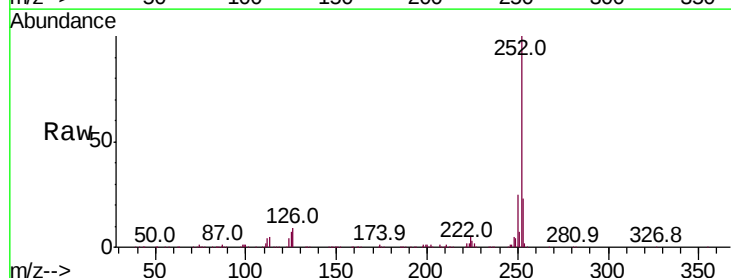
Tgt Ion:252 Resp: 560704

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

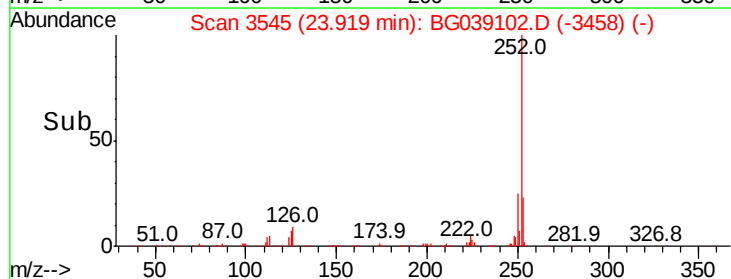
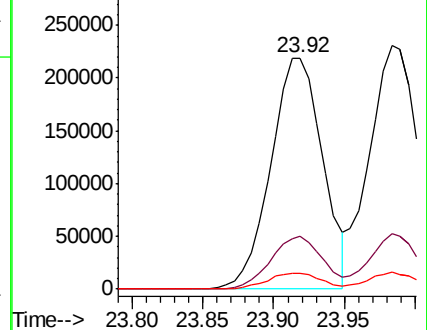
125 6.7 4.9 7.3

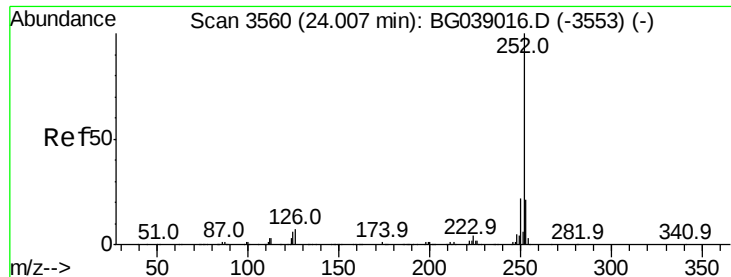


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

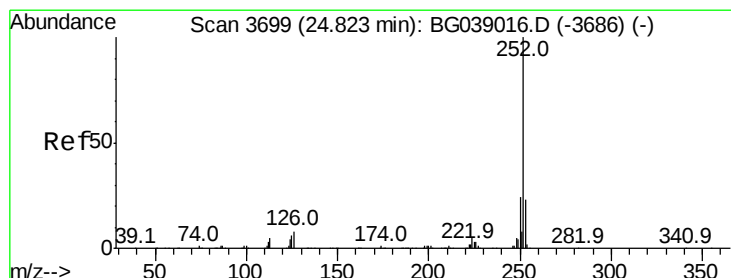
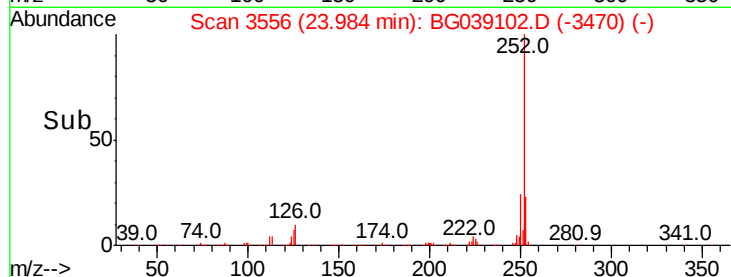
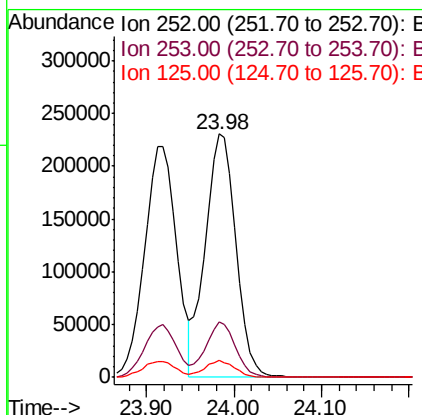
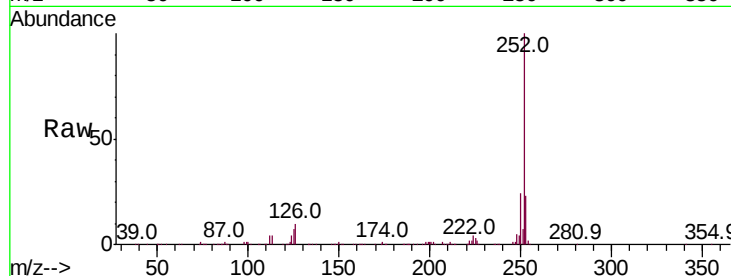




#89
Benzo(k)fluoranthene
Concen: 45.686 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

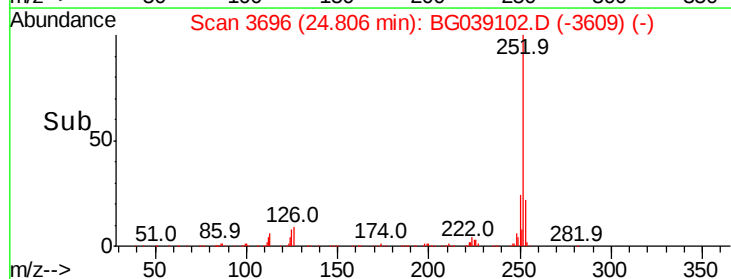
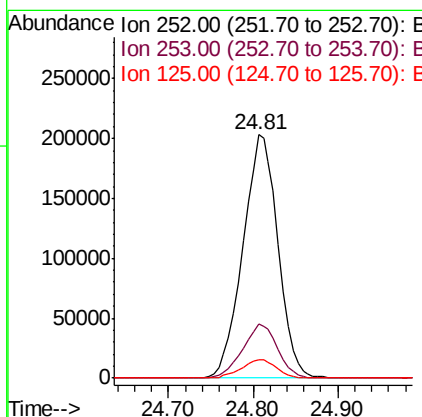
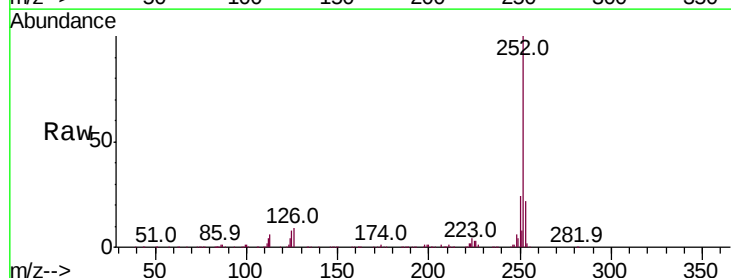
Instrument :
BNA_G
ClientSampleId :

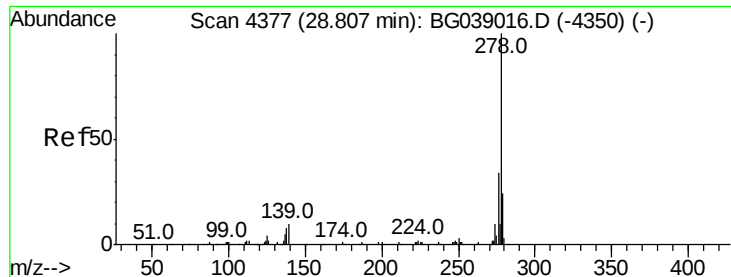
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	6.9	4.6	7.0



#90
Benzo(a)pyrene
Concen: 48.726 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	7.7	4.9	7.3#





#91

Dibenzo(a,h)anthracene

Concen: 47.716 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

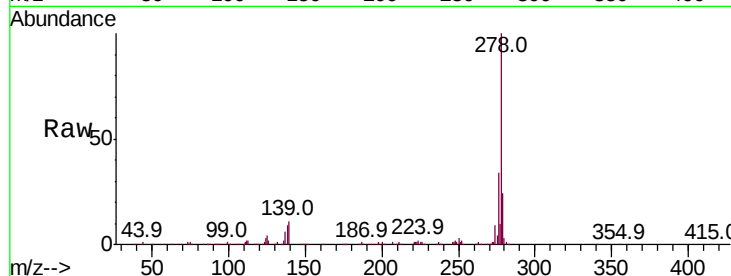
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 568668

Ion	Ratio	Lower	Upper
278	100		
139	11.5	7.9	11.9
279	23.6	19.3	28.9

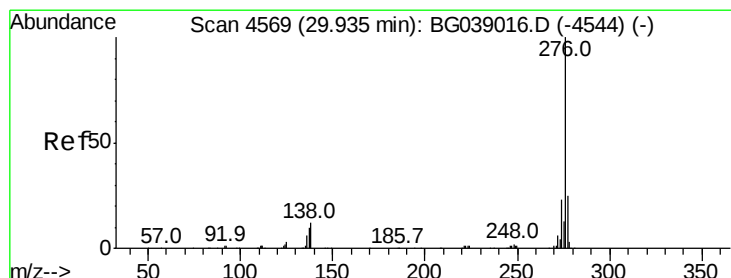
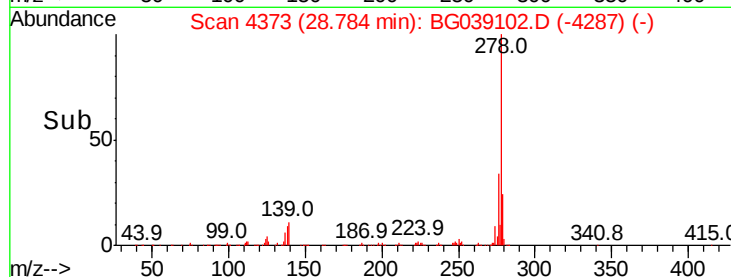
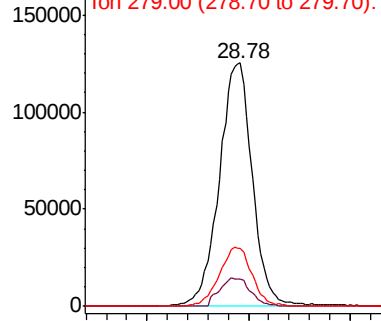


Abundance

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: 46.203 ng

RT: 29.90 min Scan# 4563

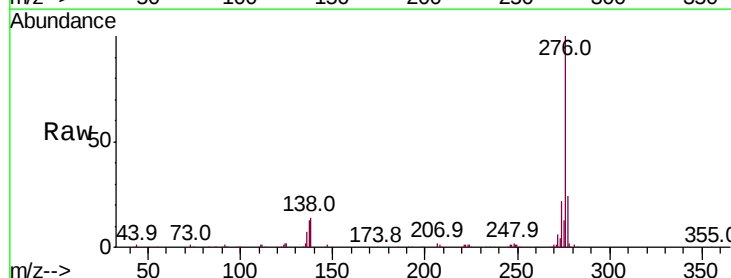
Delta R.T. -0.03 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:276 Resp: 545124

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	13.9	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

