

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039108.D
 Acq On : 12 Jan 2019 7:51
 Operator : JU/SJ
 Sample : K1011-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:02:31 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	28410	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	127199	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	101957	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214622	20.00	ng	0.00
76) Chrysene-d12	21.69	240	207724	20.00	ng	-0.01
87) Perylene-d12	24.96	264	222485	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	227506	151.91	ng	0.00
7) Phenol-d6	7.19	99	295143	136.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	211141	90.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	207482	121.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	599123	80.42	ng	0.00
79) Terphenyl-d14	20.02	244	1080104	96.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21552	36.748	ng	# 8
3) Pyridine	3.87	79	63100	39.596	ng	88
4) n-Nitrosodimethylamine	3.78	42	34427	48.008	ng	# 85
6) Aniline	7.36	93	76012	29.366	ng	96
8) 2-Chlorophenol	7.59	128	94507	53.533	ng	97
9) Benzaldehyde	7.17	77	27924	22.466	ng	99
10) Phenol	7.21	94	105028	48.605	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	82996	50.254	ng	97
12) 1,3-Dichlorobenzene	7.91	146	92209	43.594	ng	99
13) 1,4-Dichlorobenzene	8.06	146	92398	43.133	ng	98
14) 1,2-Dichlorobenzene	8.38	146	89602	43.869	ng	96
15) Benzyl Alcohol	8.27	79	90463	55.734	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	139970	44.199	ng	100
17) 2-Methylphenol	8.47	107	80164	53.427	ng	96
18) Hexachloroethane	9.10	117	31940	43.887	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	78979	55.802	ng	# 88
20) 3+4-Methylphenols	8.80	107	124096	58.009	ng	98
22) Acetophenone	8.85	105	157989	47.561	ng	# 96
24) Nitrobenzene	9.25	77	109592	46.643	ng	100
25) Isophorone	9.76	82	228107	56.967	ng	97
26) 2-Nitrophenol	9.95	139	57852	45.521	ng	98
27) 2,4-Dimethylphenol	10.01	122	103491	57.882	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	136860	56.870	ng	98
29) 2,4-Dichlorophenol	10.49	162	114884	51.720	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	121326	45.459	ng	97
31) Naphthalene	10.89	128	309470	48.509	ng	99
32) Benzoic acid	10.18	122	38305	37.425	ng	95
33) 4-Chloroaniline	11.02	127	19316	6.767	ng	98
34) Hexachlorobutadiene	11.15	225	71820	39.109	ng	98
35) Caprolactam	11.80	113	18354	20.606	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	121651	51.205	ng	91
37) 2-Methylnaphthalene	12.50	142	262200	54.819	ng	100
38) 1-Methylnaphthalene	12.71	142	233977	50.965	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	168365	43.970	ng	98

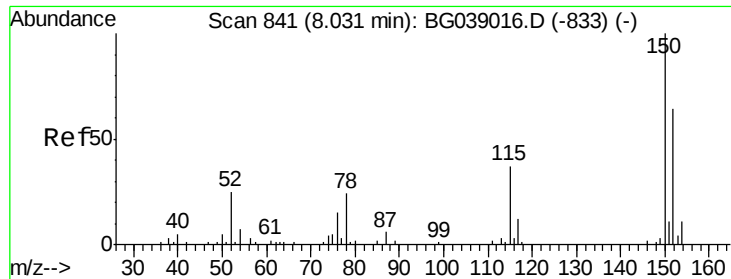
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039108.D
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 ClientSampleId :

Quant Time: Jan 14 10:02:31 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)
41) Hexachlorocyclopentadiene	12.82	237	155812	72.806	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	108594	45.061	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	115297	45.266	ng	99
46) 1,1'-Biphenyl	13.50	154	330681	40.932	ng	99
47) 2-Chloronaphthalene	13.55	162	274771	42.029	ng	99
48) 2-Nitroaniline	13.77	65	80234	43.807	ng	93
49) Acenaphthylene	14.39	152	458159	46.625	ng	99
50) Dimethylphthalate	14.12	163	393389	45.659	ng	100
51) 2,6-Dinitrotoluene	14.25	165	84639	43.939	ng	97
52) Acenaphthene	14.73	154	280738	47.551	ng	97
53) 3-Nitroaniline	14.59	138	34986	17.904	ng	95
54) 2,4-Dinitrophenol	14.80	184	60055	54.022	ng	92
55) Dibenzofuran	15.06	168	441818	42.372	ng	99
56) 4-Nitrophenol	14.90	139	104244	74.142	ng	94
57) 2,4-Dinitrotoluene	15.04	165	118660	42.937	ng	96
58) Fluorene	15.72	166	367037	46.764	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107577	44.742	ng	99
60) Diethylphthalate	15.47	149	380292	42.840	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	209048	42.277	ng	97
62) 4-Nitroaniline	15.76	138	80909	39.746	ng	95
63) Azobenzene	15.99	77	303807	43.764	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	56175	35.329	ng	93
66) n-Nitrosodiphenylamine	15.92	169	324521	51.006	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	135753	49.206	ng	94
68) Hexachlorobenzene	16.71	284	142176	47.228	ng	98
69) Atrazine	16.86	200	126943	46.966	ng	98
70) Pentachlorophenol	17.06	266	116933	64.109	ng	94
71) Phenanthrene	17.46	178	574041	50.602	ng	99
72) Anthracene	17.55	178	626949	55.896	ng	99
73) Carbazole	17.83	167	487874	44.061	ng	99
74) Di-n-butylphthalate	18.35	149	578031	46.926	ng	99
75) Fluoranthene	19.47	202	651543	46.329	ng	98
77) Benzidine	19.65	184	95603	15.047	ng	98
78) Pyrene	19.83	202	658047	49.709	ng	99
80) Butylbenzylphthalate	20.70	149	286524	56.908	ng	100
81) Benzo(a)anthracene	21.67	228	666449	52.704	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	126192	24.493	ng	97
83) Chrysene	21.74	228	623282	51.825	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	392156	56.094	ng	96
85) Di-n-octyl phthalate	22.75	149	610191	51.618	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	723458	50.342	ng	100
88) Benzo(b)fluoranthene	23.92	252	642560	52.378	ng	99
89) Benzo(k)fluoranthene	23.99	252	604948	49.874	ng	96
90) Benzo(a)pyrene	24.81	252	634432	53.503	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	601948	51.036	ng	100
92) Benzo(g,h,i)perylene	29.91	276	624607	53.493	ng #	95

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

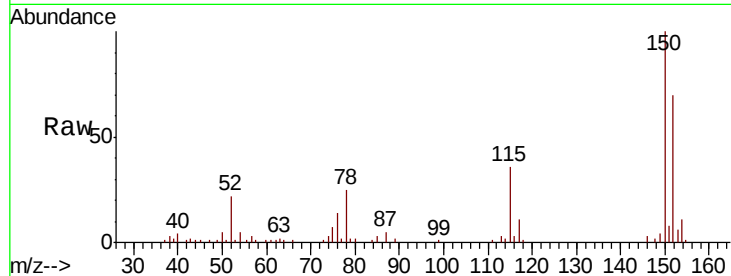


#1

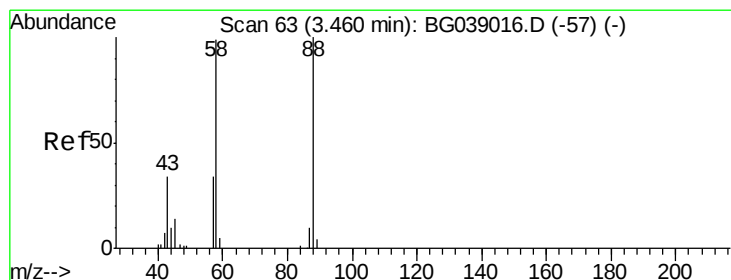
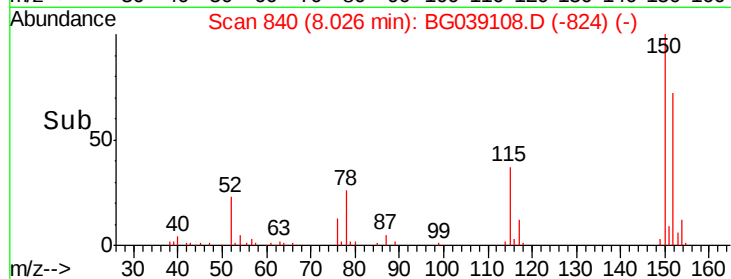
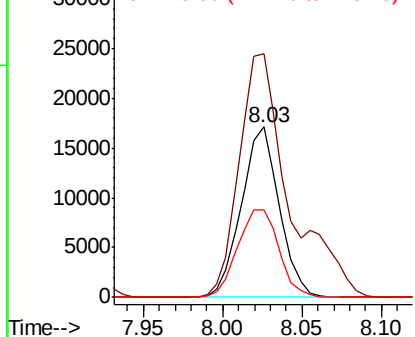
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28410
Ion Ratio Lower Upper
152 100
150 143.2 124.7 187.1
115 51.1 46.5 69.7



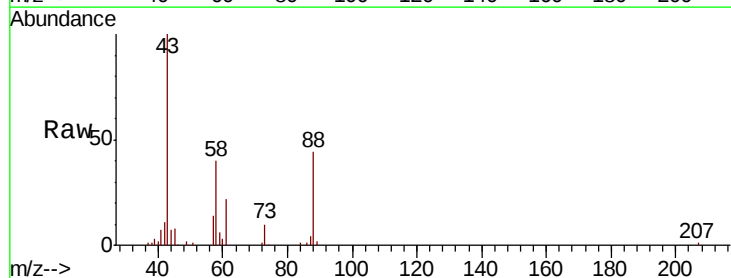
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



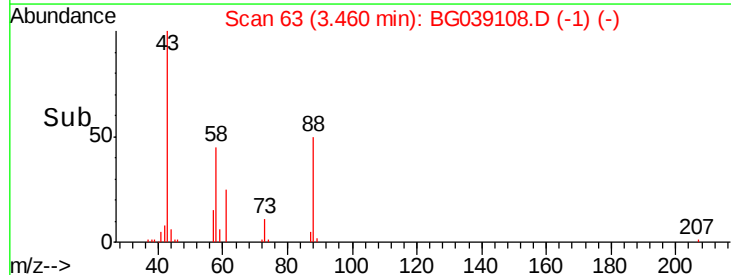
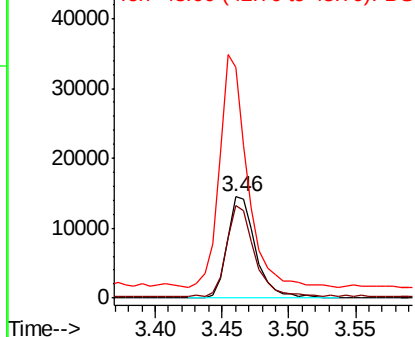
#2

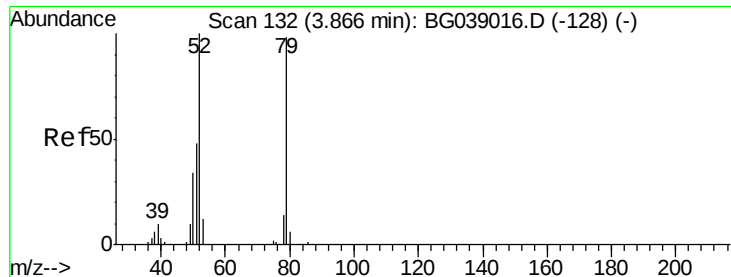
1,4-Dioxane
Concen: 36.748 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion: 88 Resp: 21552
Ion Ratio Lower Upper
88 100
58 91.0 72.4 108.6
43 225.6 27.6 41.4#



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





#3

Pvridine

Concen: 39.596 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

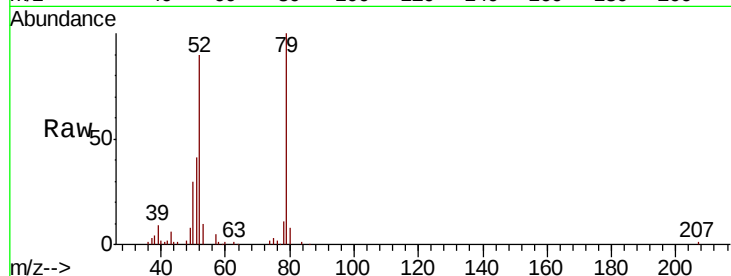
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 63100

Ion	Ratio	Lower	Upper
79	100		
52	90.0	81.5	122.3
51	40.6	39.8	59.6

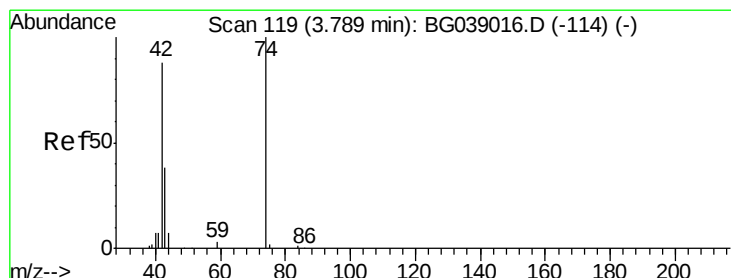
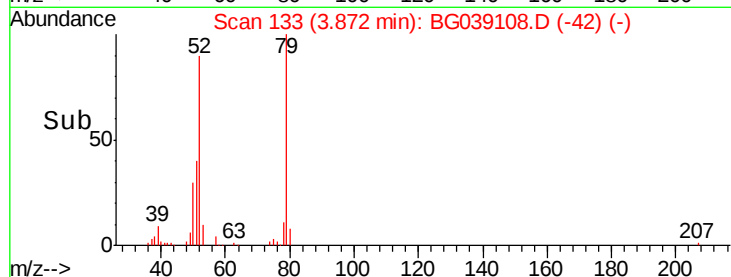
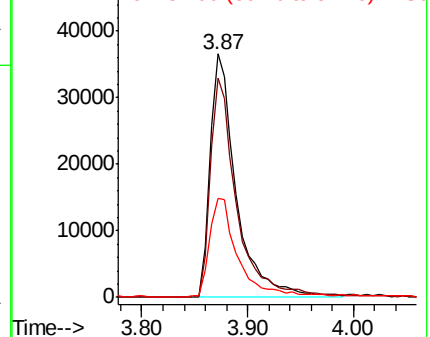


Abundance

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: 48.008 ng

RT: 3.78 min Scan# 118

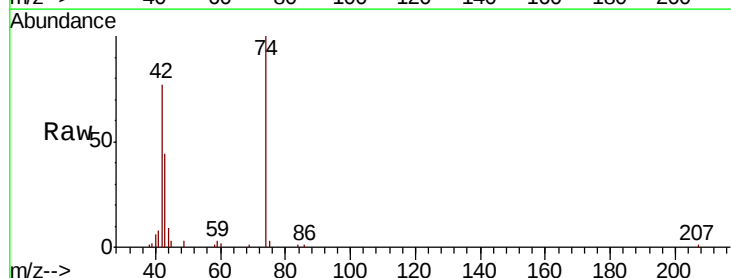
Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion: 42 Resp: 34427

Ion	Ratio	Lower	Upper
42	100		
74	129.4	90.7	136.1
44	11.5	6.5	9.7

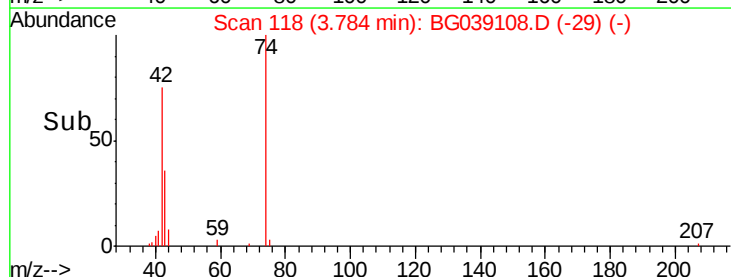
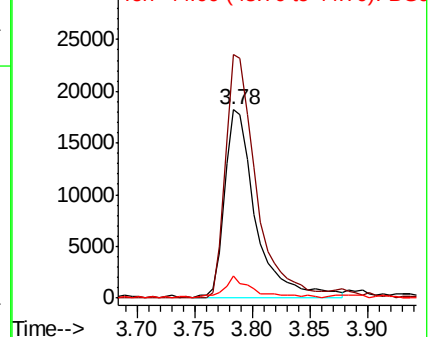


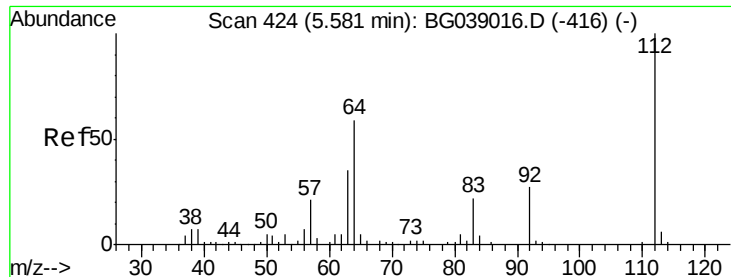
Abundance

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: 151.910 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

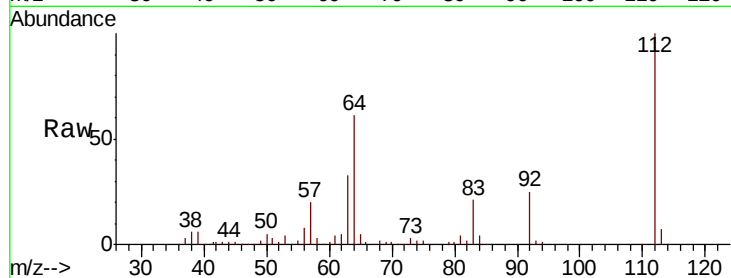
Tot Ion:112 Resp: 227506

Ion Ratio Lower Upper

112 100

64 61.4 47.0 70.6

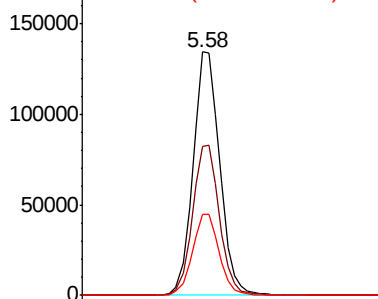
63 33.0 28.0 42.0



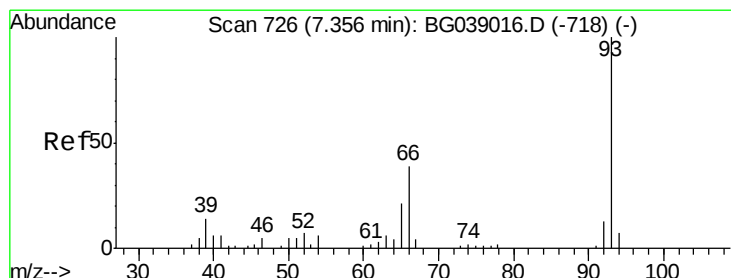
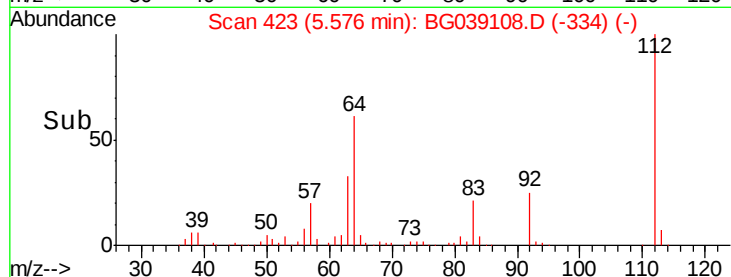
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 29.366 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

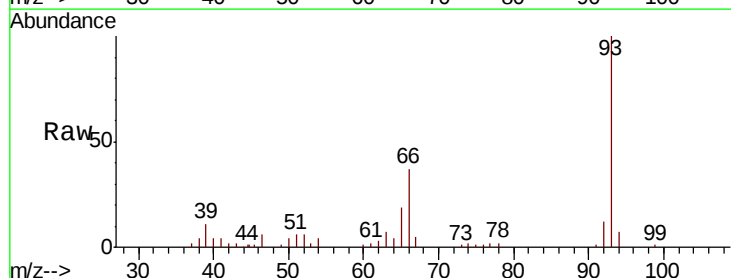
Tgt Ion: 93 Resp: 76012

Ion Ratio Lower Upper

93 100

66 36.7 30.9 46.3

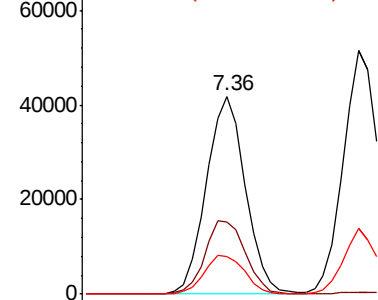
65 19.3 17.0 25.4



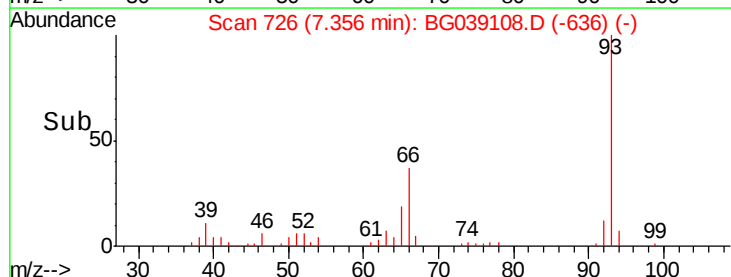
Abundance Ion 93.00 (92.70 to 93.70): BGC

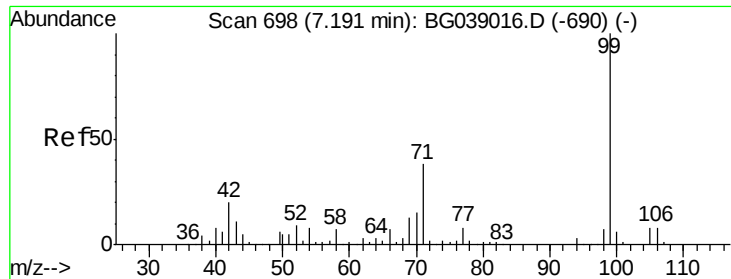
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 136.938 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

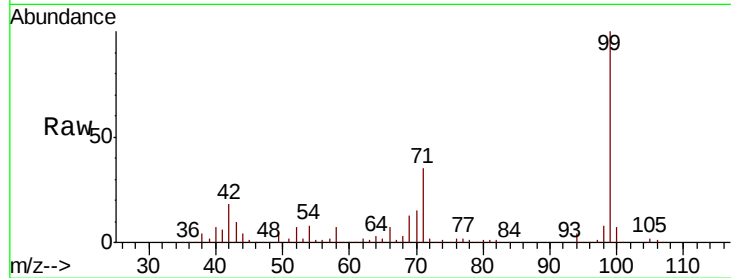
Tot Ion: 99 Resp: 295143

Ion Ratio Lower Upper

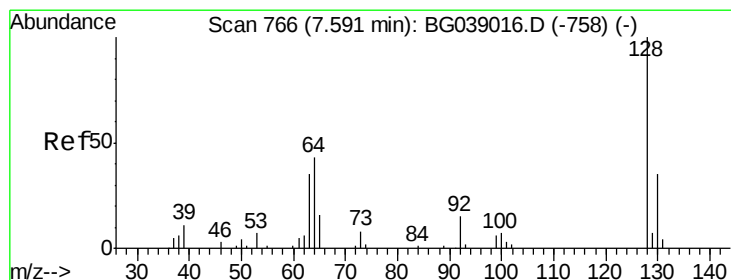
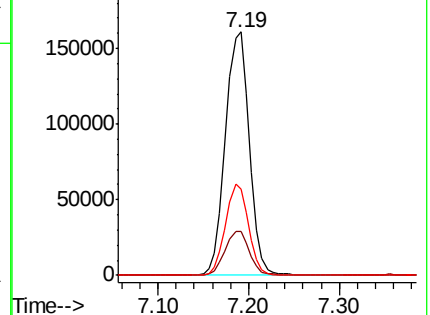
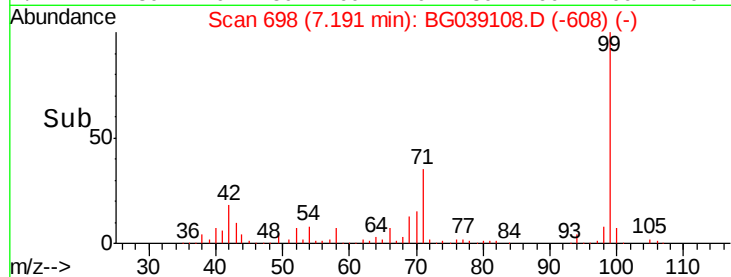
99 100

42 17.9 15.8 23.6

71 35.4 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: 53.533 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

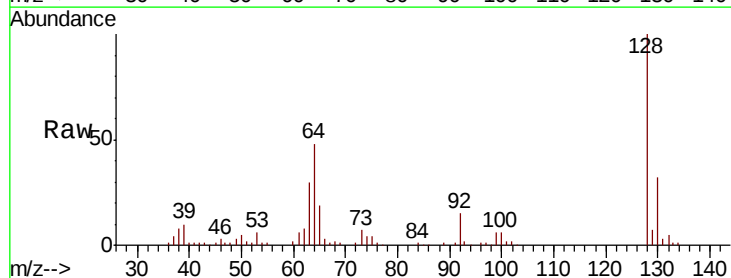
Tgt Ion:128 Resp: 94507

Ion Ratio Lower Upper

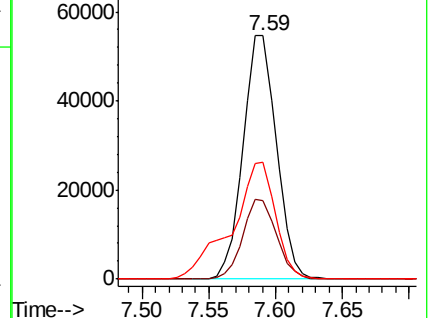
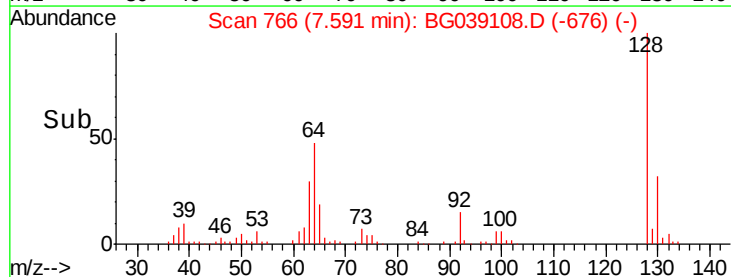
128 100

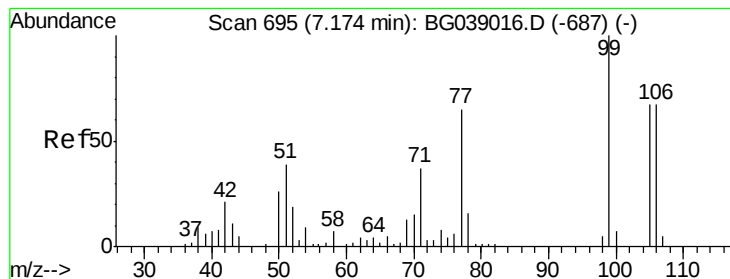
130 32.1 14.5 54.5

64 48.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 22.466 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

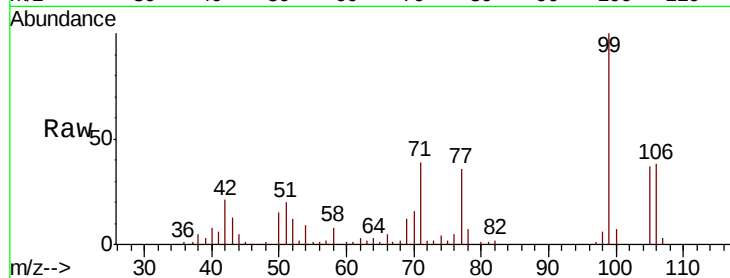
Tot Ion: 77 Resp: 27924

Ion Ratio Lower Upper

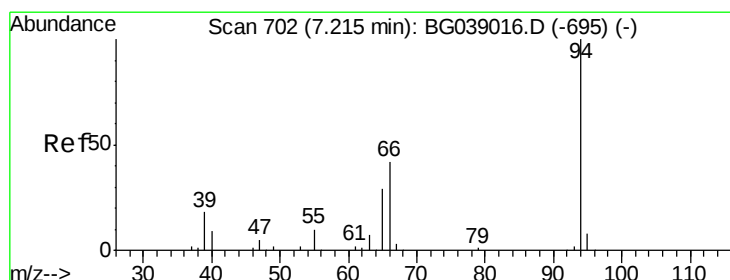
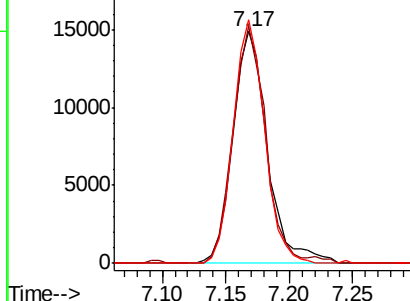
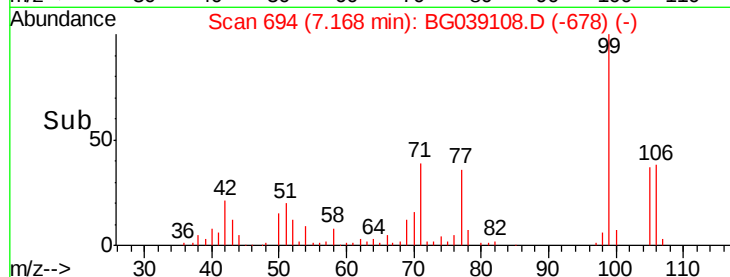
77 100

105 102.6 82.4 122.4

106 105.0 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: 48.605 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

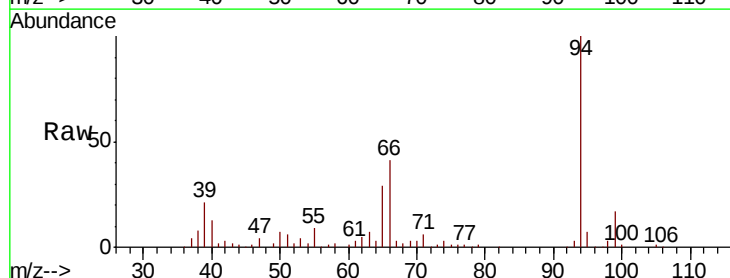
Tgt Ion: 94 Resp: 105028

Ion Ratio Lower Upper

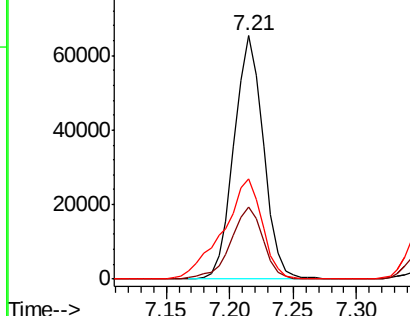
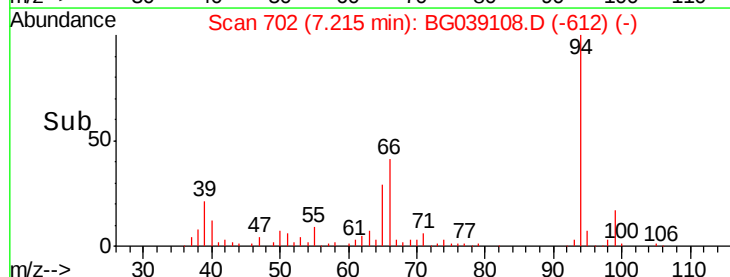
94 100

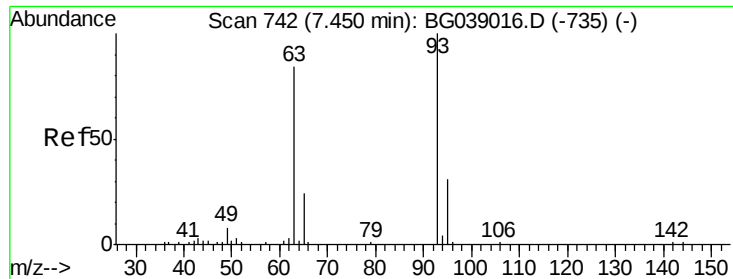
65 29.4 10.3 50.3

66 41.2 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

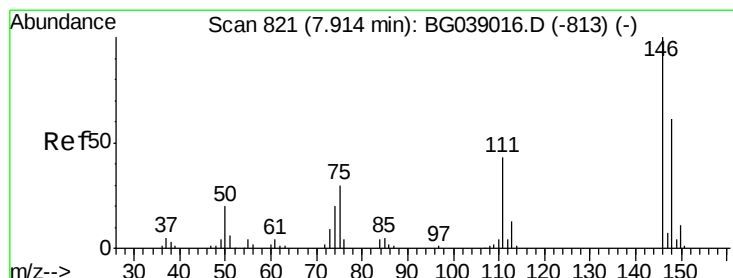
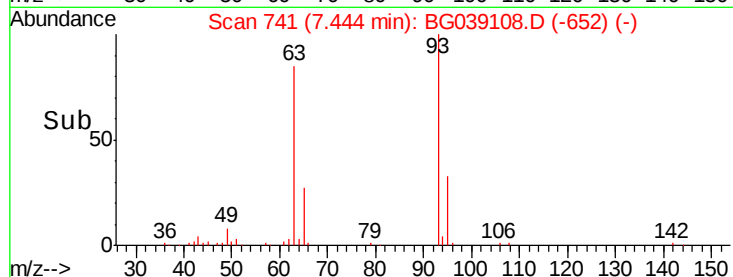
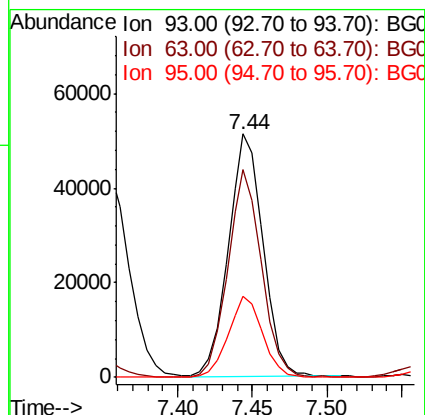
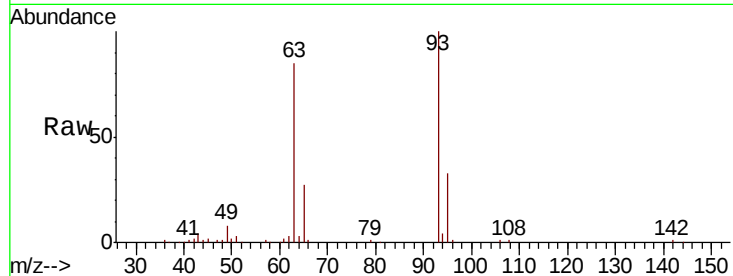




#11
 bis(2-Chloroethyl)ether
 Concen: 50.254 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

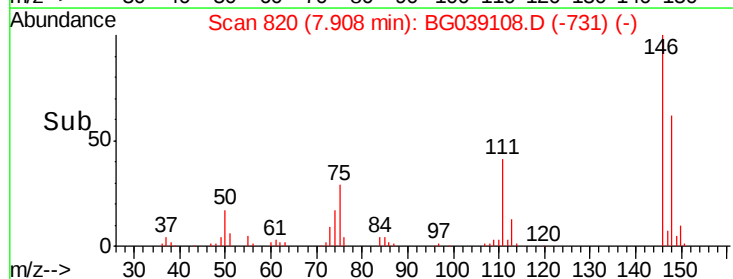
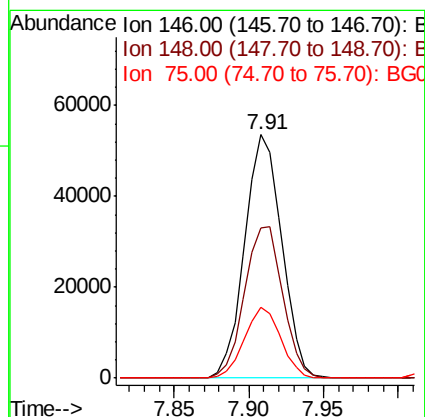
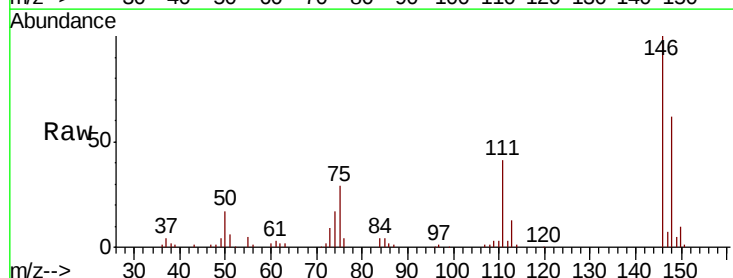
Instrument :
 BNA_G
 ClientSampleId :

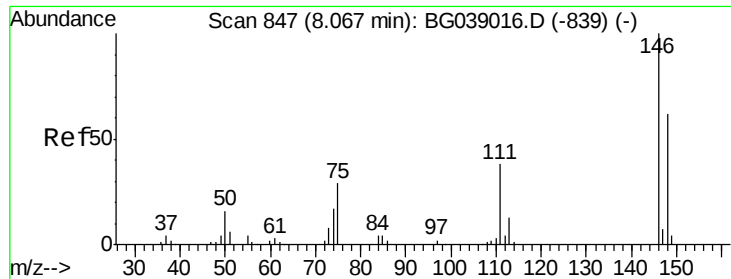
Tot Ion: 93 Resp: 82996
 Ion Ratio Lower Upper
 93 100
 63 85.2 63.2 103.2
 95 33.1 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 43.594 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion: 146 Resp: 92209
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.1 73.7
 75 29.0 23.9 35.9

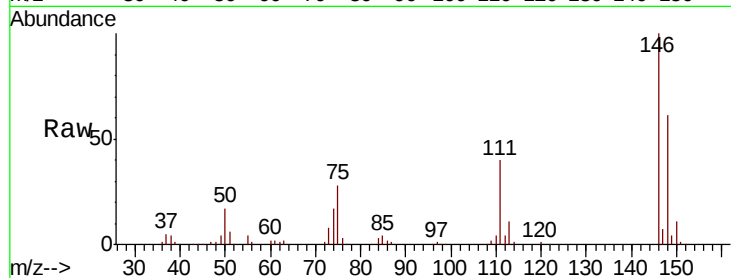




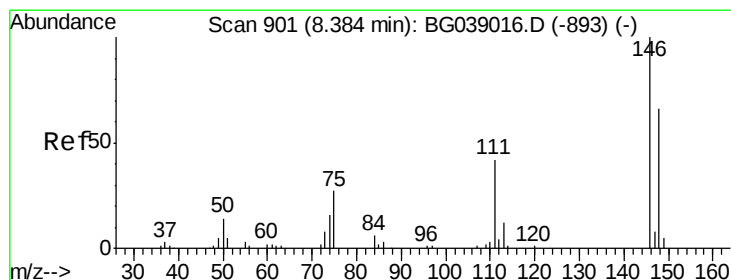
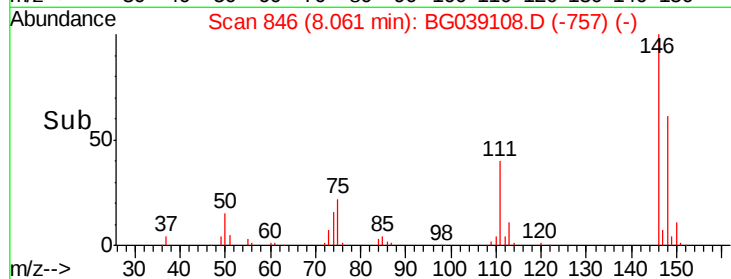
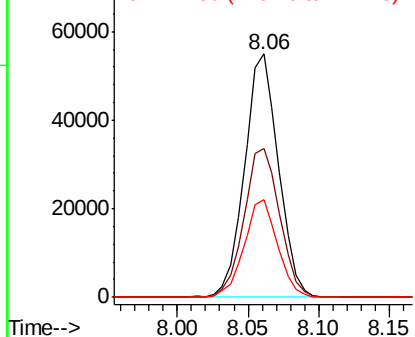
#13
 1,4-Dichlorobenzene
 Concen: 43.133 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 92398
 Ion Ratio Lower Upper
 146 100
 148 61.3 49.8 74.6
 111 40.3 30.6 45.8

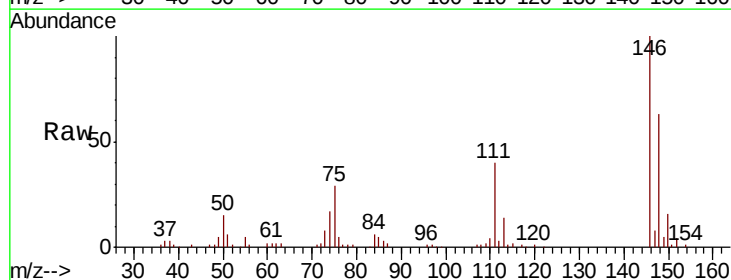


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

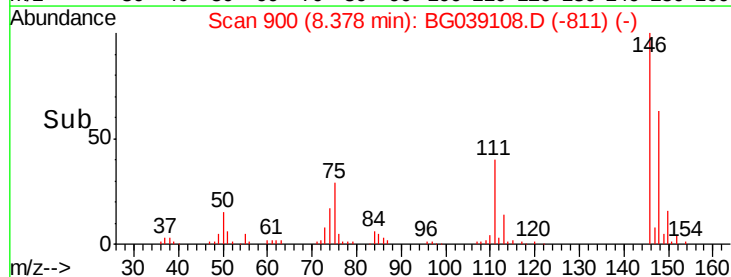
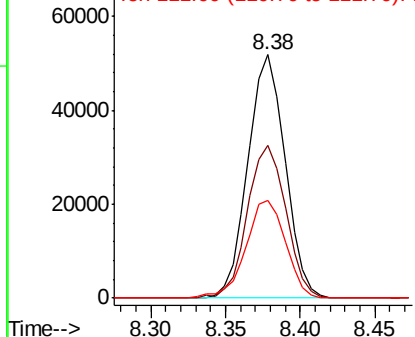


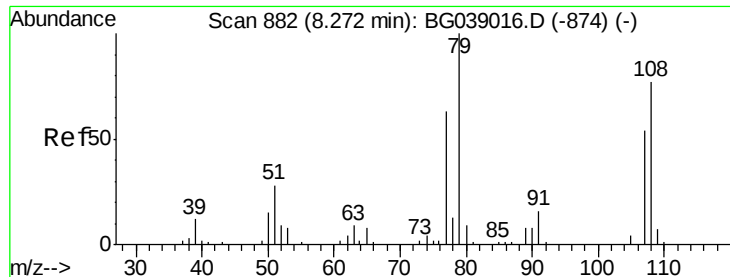
#14
 1,2-Dichlorobenzene
 Concen: 43.869 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion:146 Resp: 89602
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.6 79.0
 111 40.2 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: 55.734 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

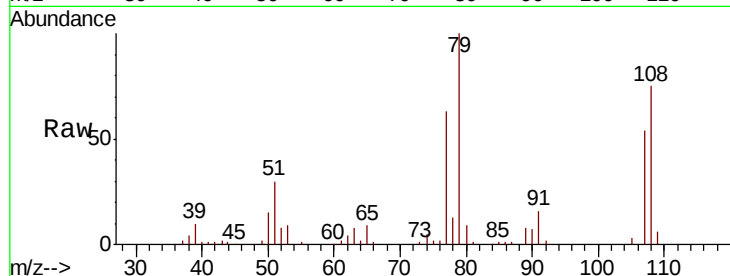
Tot Ion: 79 Resp: 90463

Ion Ratio Lower Upper

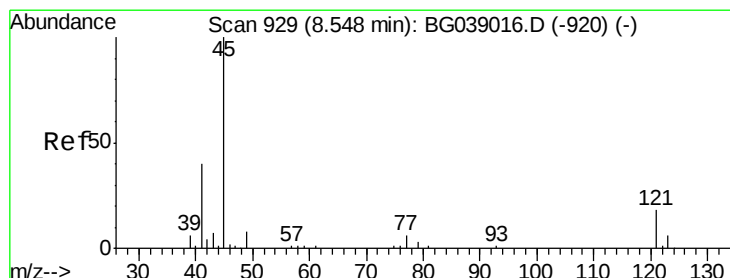
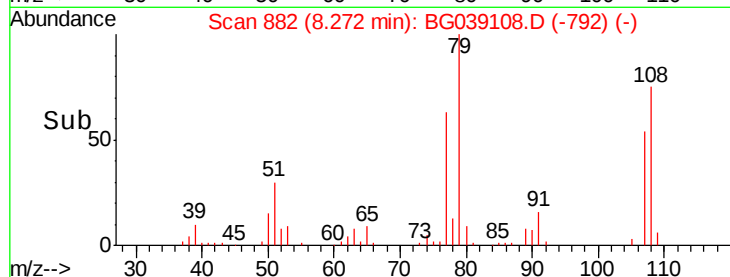
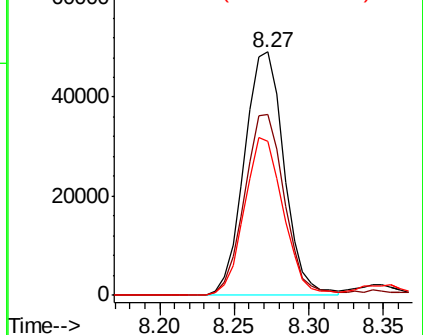
79 100

108 74.6 62.0 93.0

77 63.2 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: 44.199 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

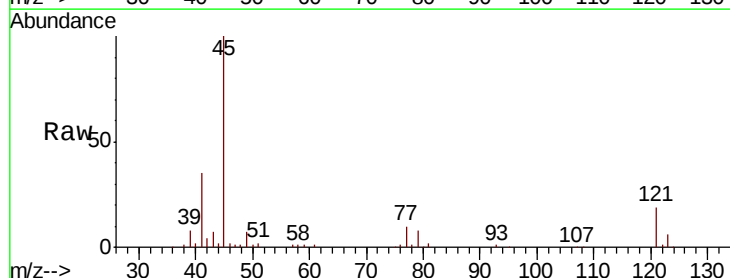
Tgt Ion: 45 Resp: 139970

Ion Ratio Lower Upper

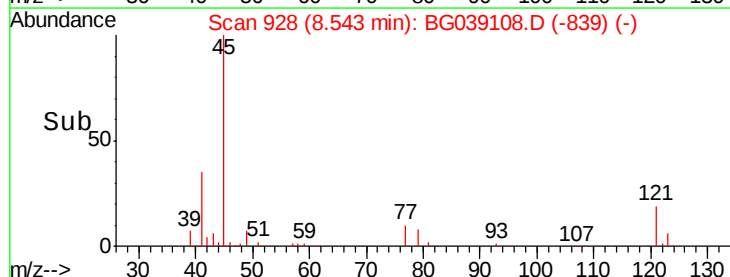
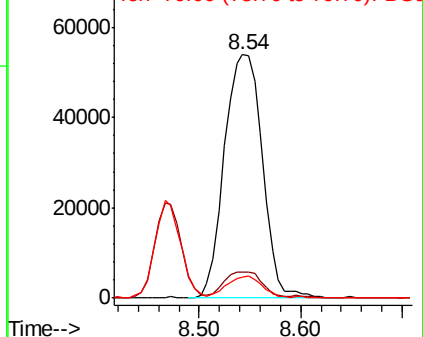
45 100

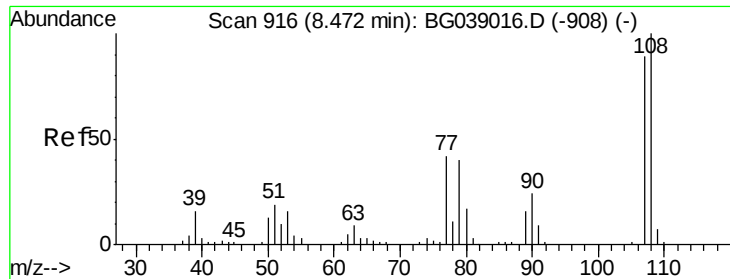
77 10.5 0.0 30.7

79 8.4 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

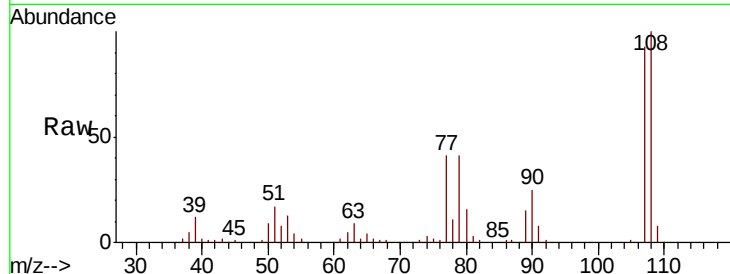




#17
2-Methylphenol
Concen: 53.427 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	90.3	135.5
77	44.6	38.3	57.5
79	44.3	35.8	53.6



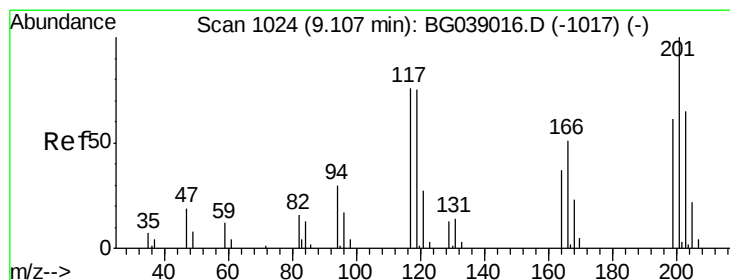
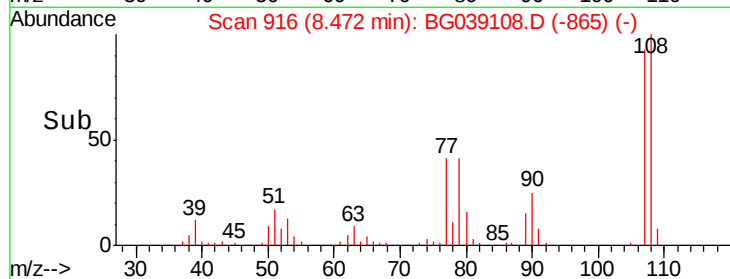
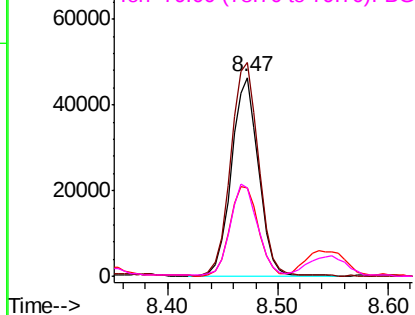
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

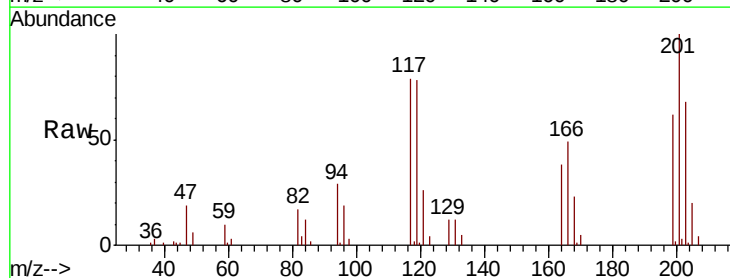
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.887 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.7	118.1
201	131.1	108.1	162.1

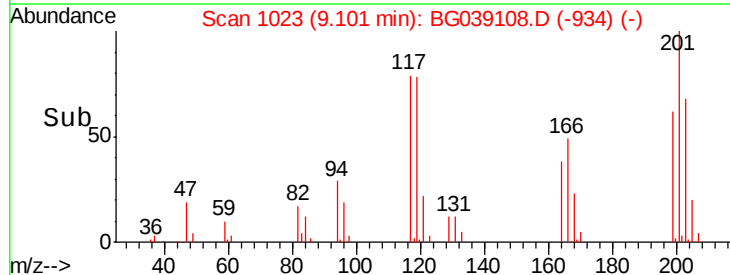
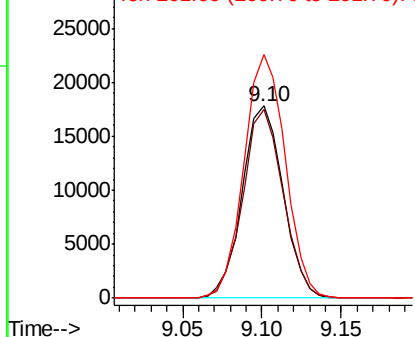


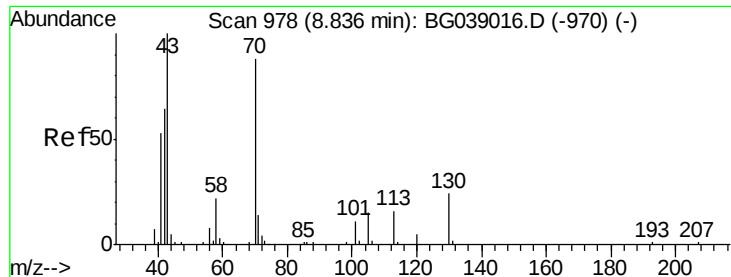
Abundance

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

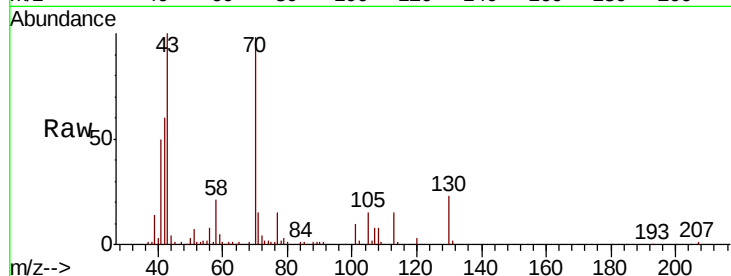




#19
n-Nitroso-di-n-propylamine
Concen: 55.802 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	59.0	88.4	
101	9.8	10.4	15.6	
130	23.3	21.6	32.4	



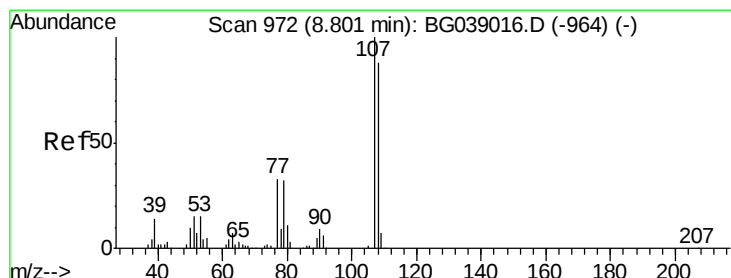
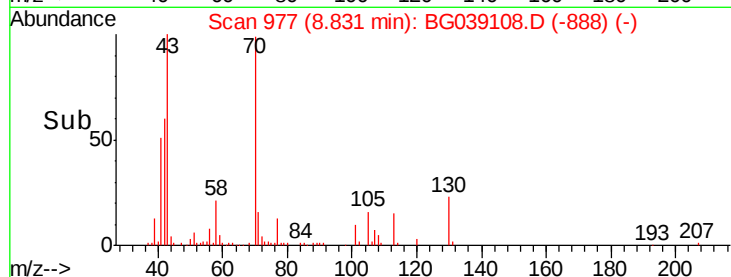
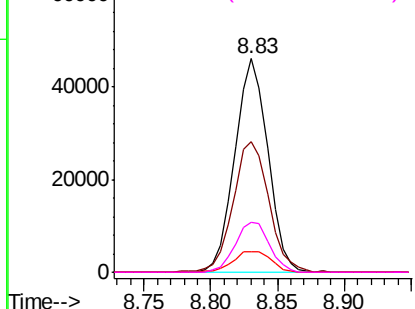
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 58.009 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.4	108.4	
77	35.3	13.3	53.3	
79	29.6	11.6	51.6	

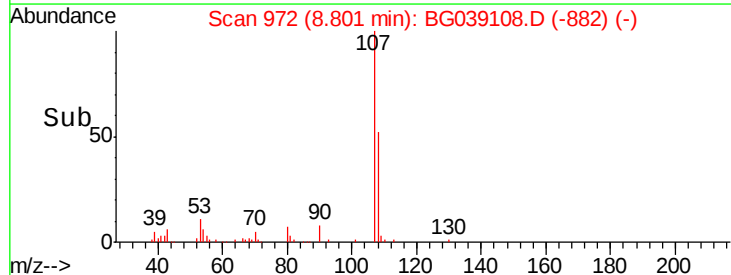
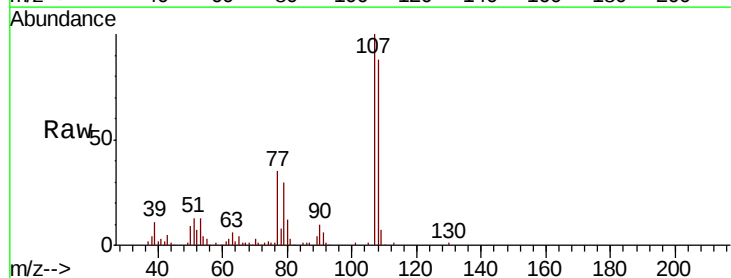
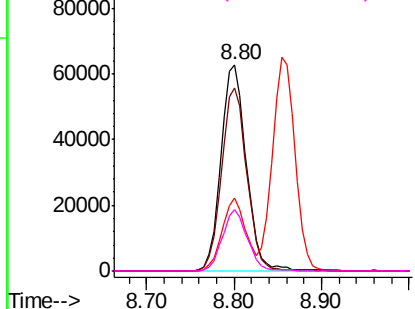
Abundance

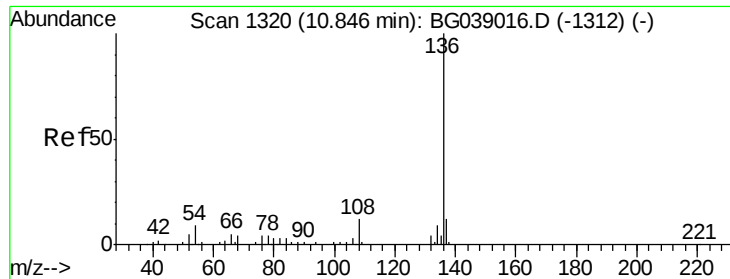
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

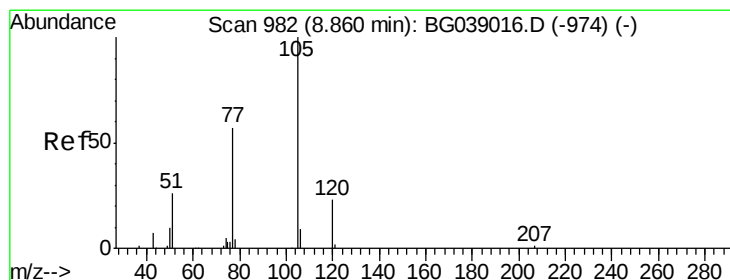
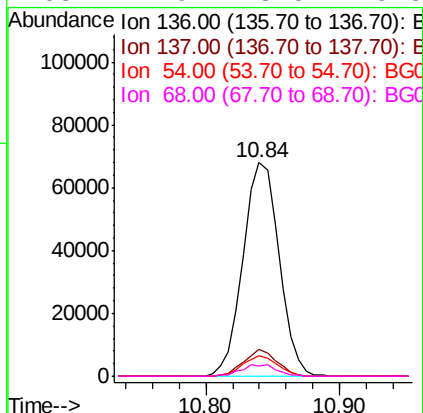
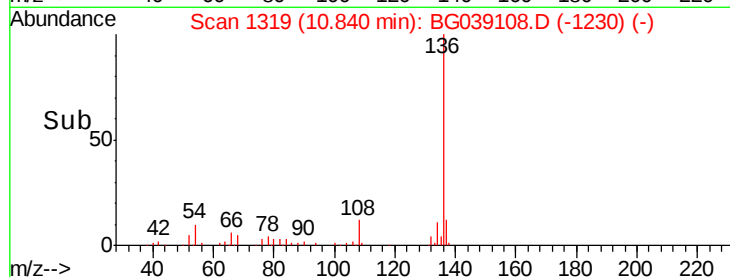
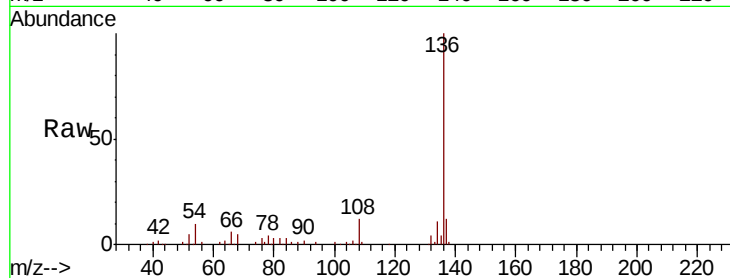




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

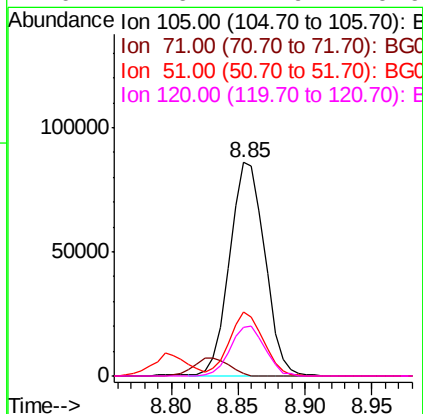
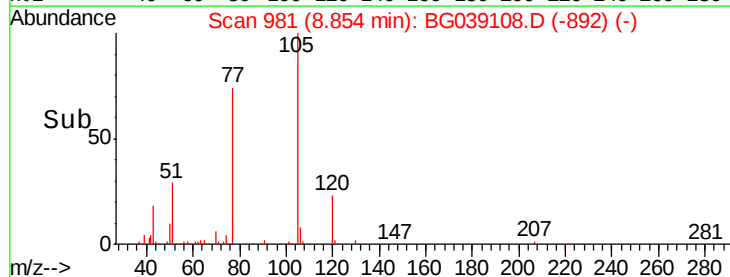
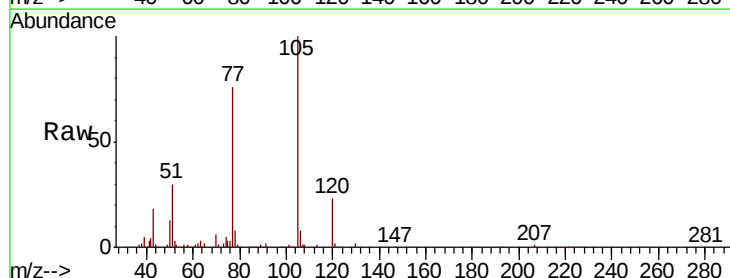
Instrument :
BNA_G
ClientSampleId :

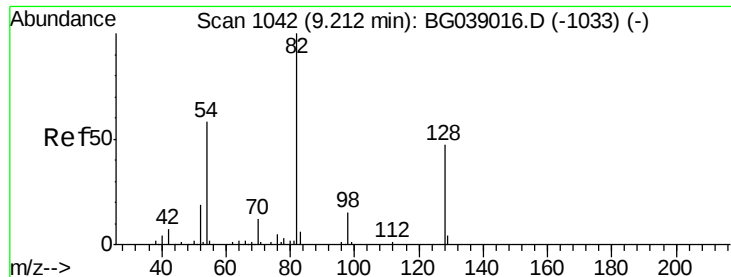
Tot Ion:136	Resp:	127199
Ion	Ratio	Lower Upper
136	100	
137	12.5	9.4 14.2
54	9.6	7.2 10.8
68	4.9	3.5 5.3



#22
Acetophenone
Concen: 47.561 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion:105	Resp:	157989
Ion	Ratio	Lower Upper
105	100	
71	1.1	0.6 1.0#
51	29.8	26.6 39.8
120	22.6	17.9 26.9

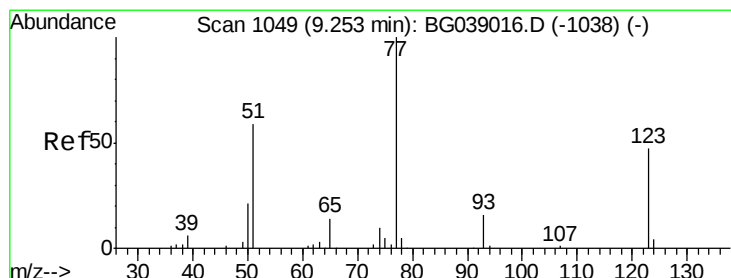
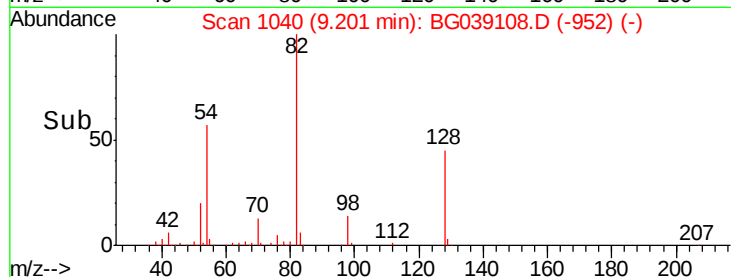
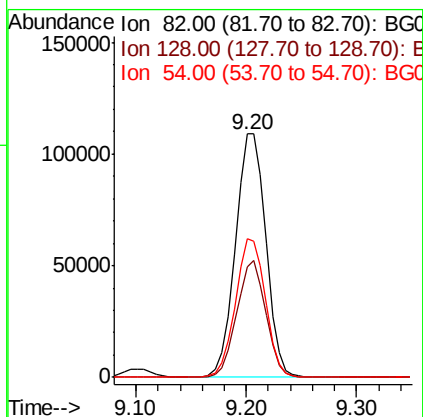
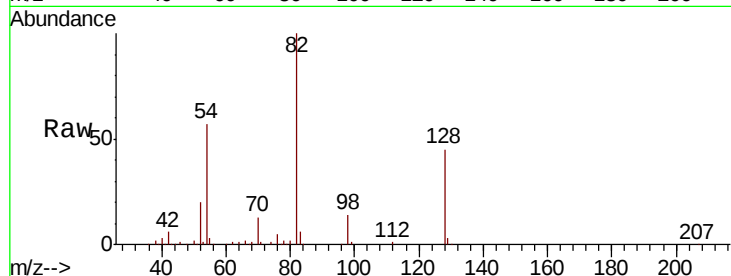




#23
Nitrobenzene-d5
Concen: 90.830 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

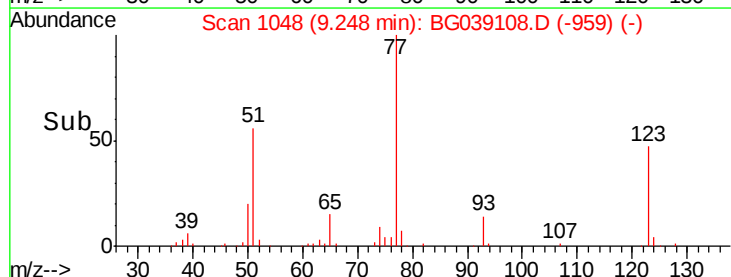
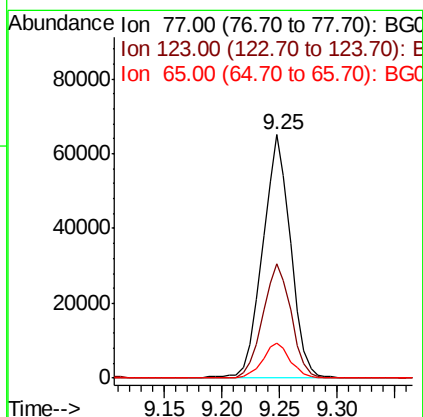
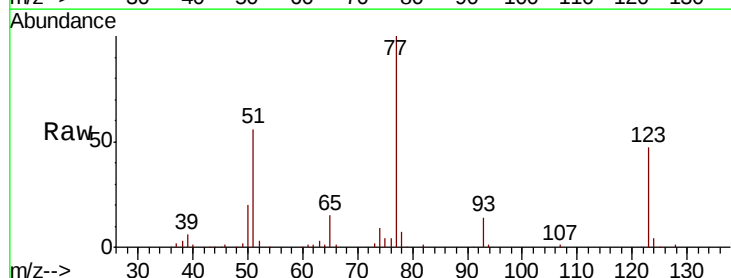
Instrument :
BNA_G
ClientSampled :

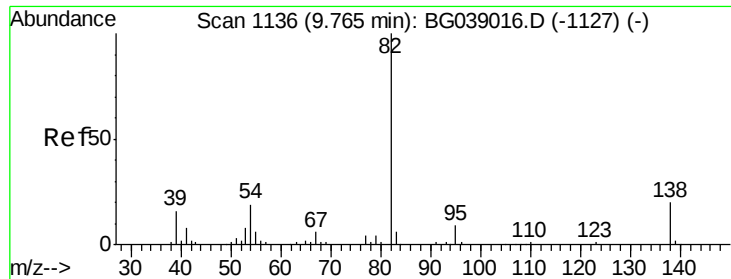
Tot Ion	82	Resp	211141
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.3	55.9
54	56.7	46.4	69.6



#24
Nitrobenzene
Concen: 46.643 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	77	Resp	109592
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.6	56.4
65	14.5	11.0	16.6





#25

Isophorone

Concen: 56.967 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

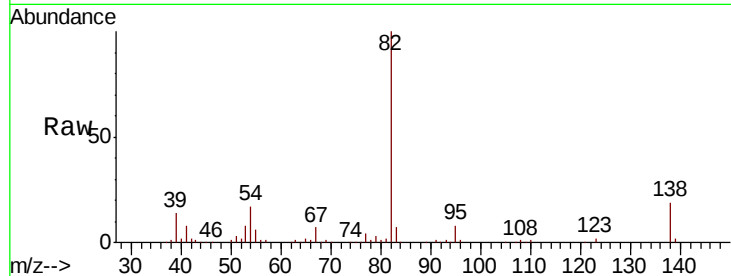
Tot Ion: 82 Resp: 228107

Ion Ratio Lower Upper

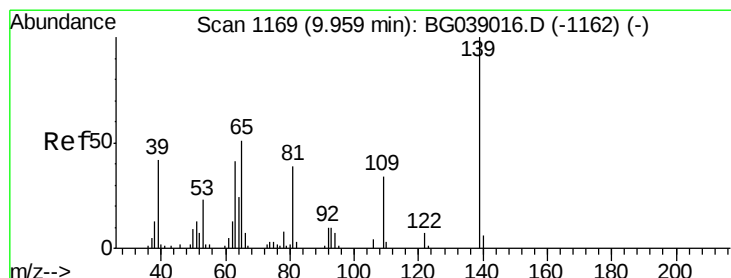
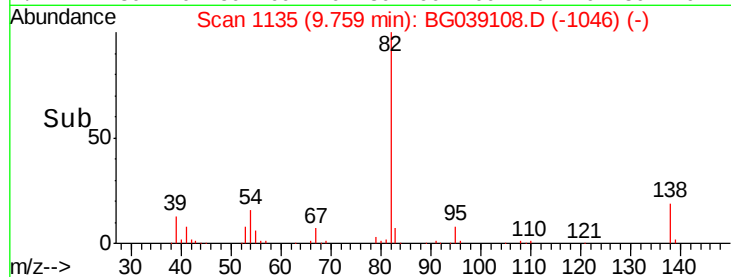
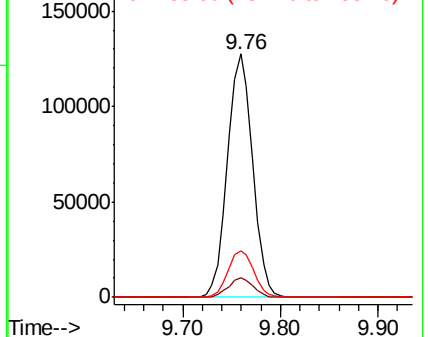
82 100

95 8.0 7.0 10.6

138 18.9 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: 45.521 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

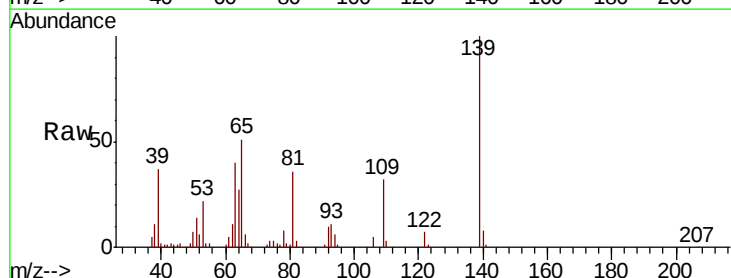
Tgt Ion: 139 Resp: 57852

Ion Ratio Lower Upper

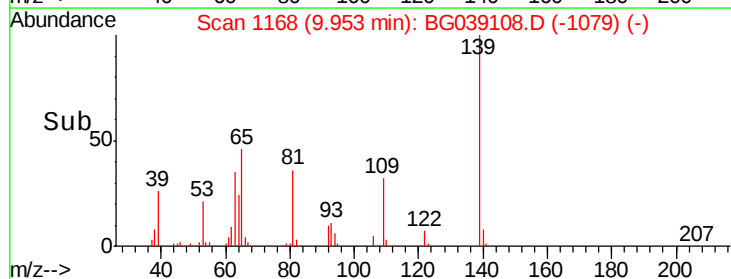
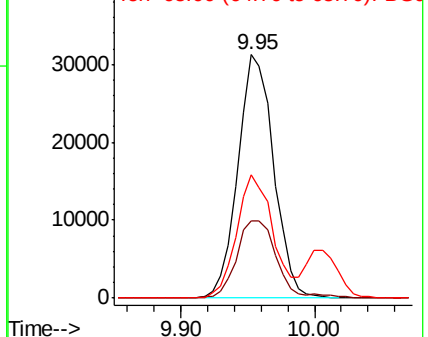
139 100

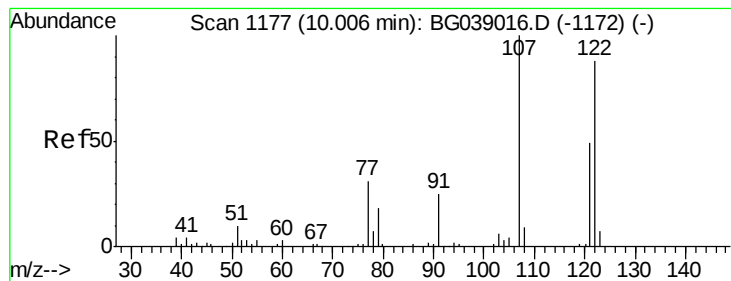
109 31.9 27.3 40.9

65 50.7 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: 57.882 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

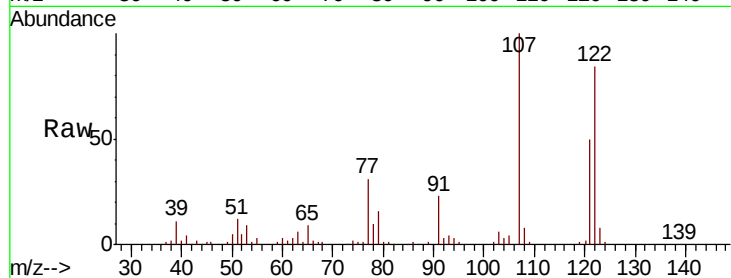
Tot Ion:122 Resp: 103491

Ion Ratio Lower Upper

122 100

107 118.4 88.8 133.2

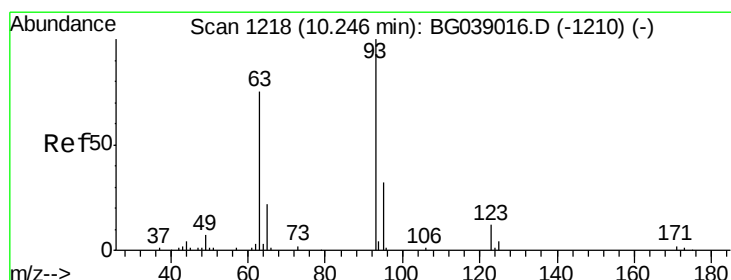
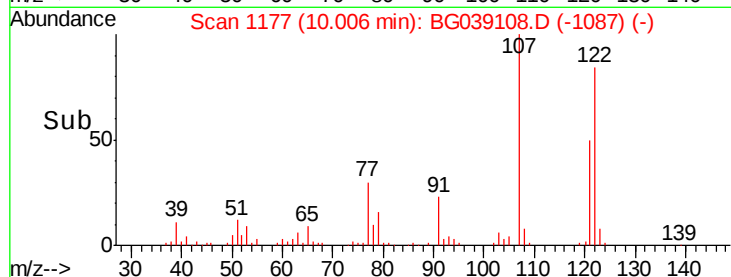
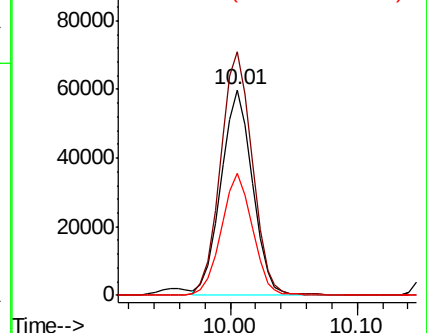
121 59.2 43.1 64.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.870 ng

RT: 10.24 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

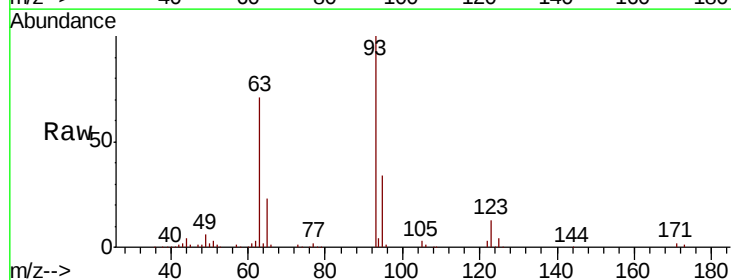
Tgt Ion: 93 Resp: 136860

Ion Ratio Lower Upper

93 100

95 33.6 25.6 38.4

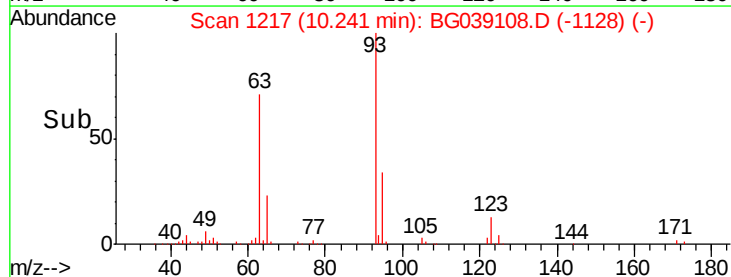
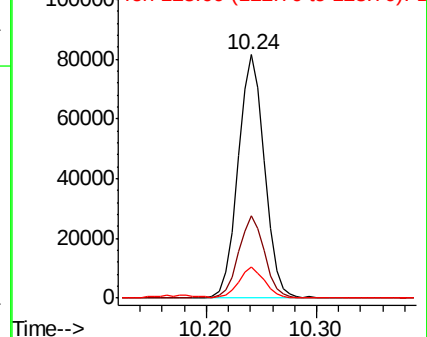
123 12.7 10.1 15.1

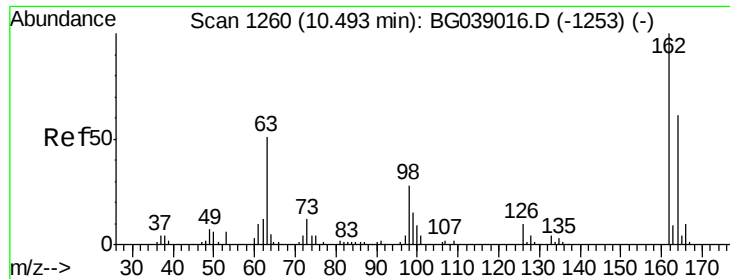


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

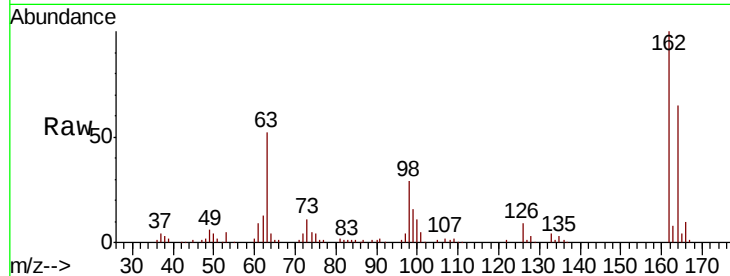




#29
 2,4-Dichlorophenol
 Concen: 51.720 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	114884
Ion Ratio	Lower	Upper	
162	100		
164	65.3	41.3	81.3
98	28.8	8.3	48.3

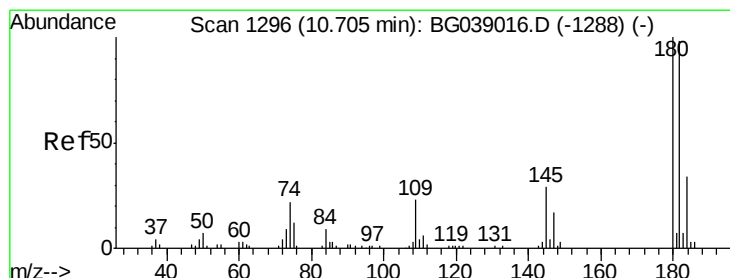
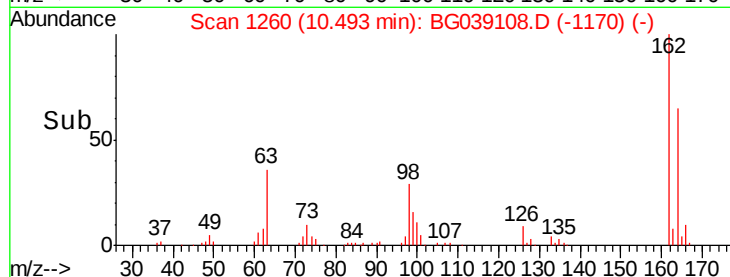
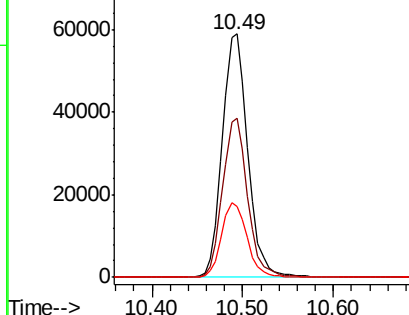


Abundance

Ion 162.00 (161.70 to 162.70): E

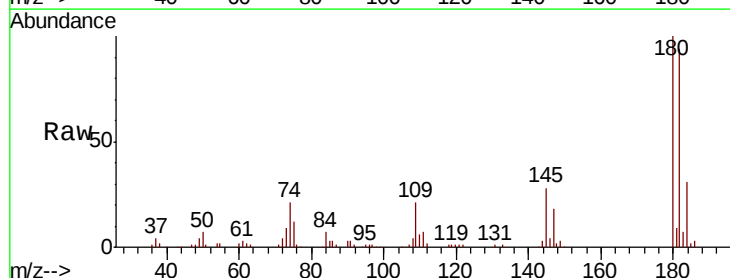
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 45.459 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	180	Resp	121326
Ion Ratio	Lower	Upper	
180	100		
182	94.0	78.1	117.1
145	27.8	23.1	34.7

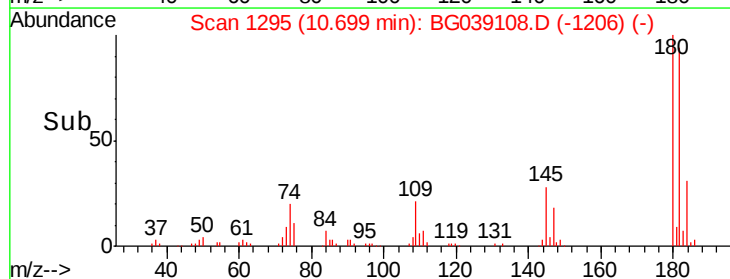
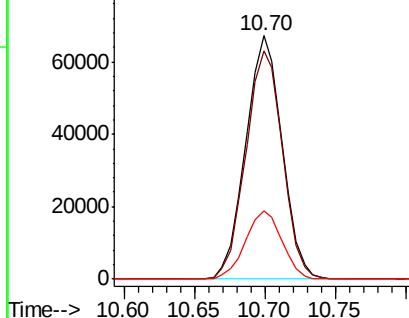


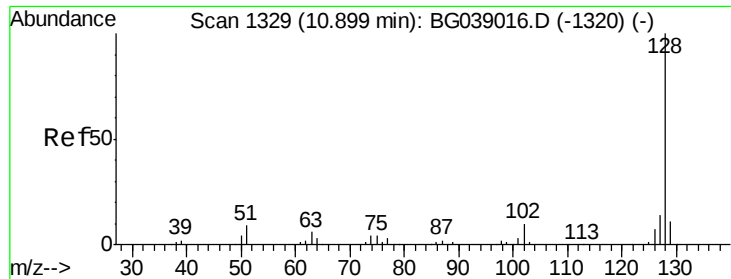
Abundance

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

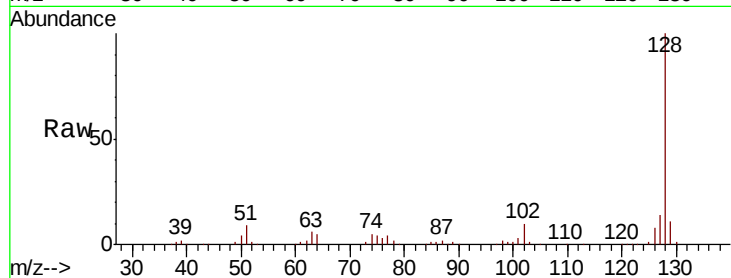




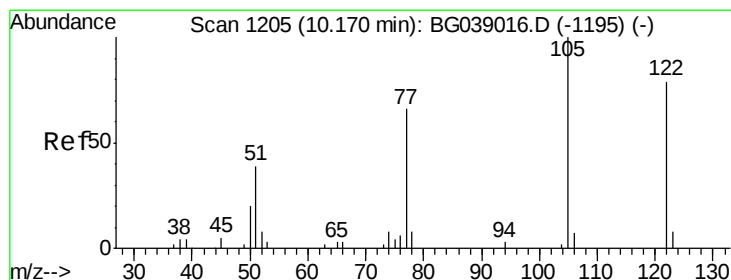
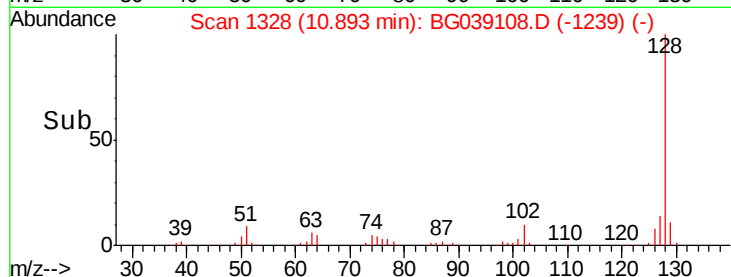
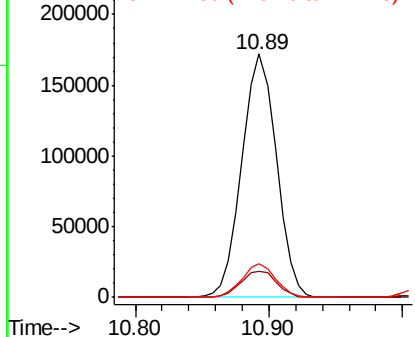
#31
Naphthalene
Concen: 48.509 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 309470
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.7 11.2 16.8

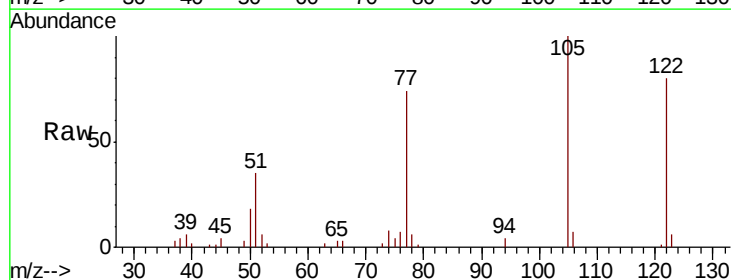


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

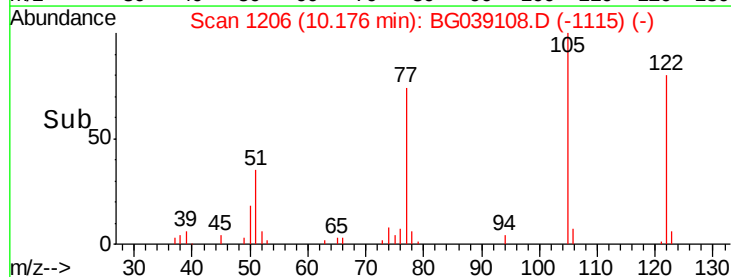
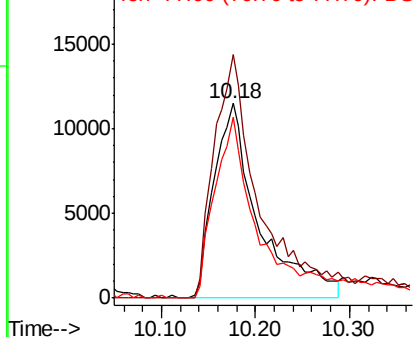


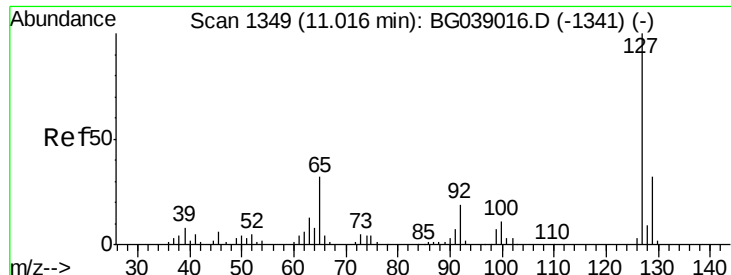
#32
Benzoic acid
Concen: 37.425 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion:122 Resp: 38305
Ion Ratio Lower Upper
122 100
105 125.1 106.4 146.4
77 92.9 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): BG

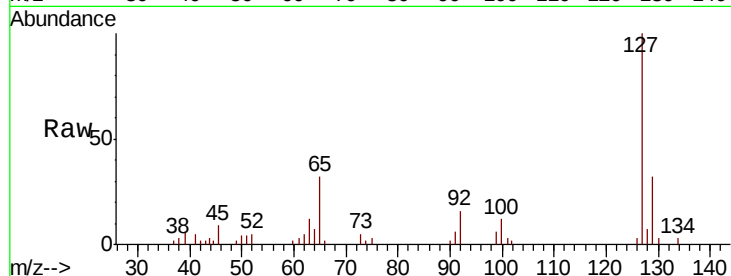




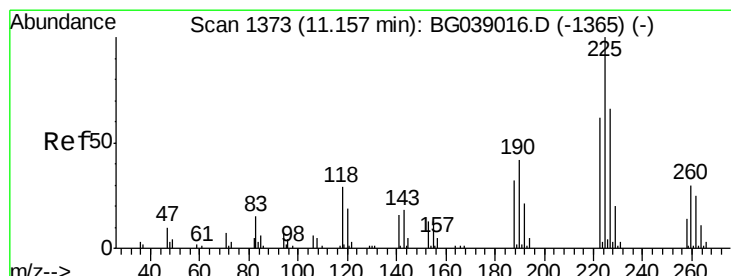
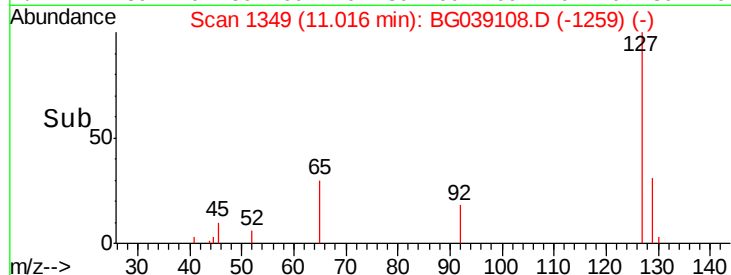
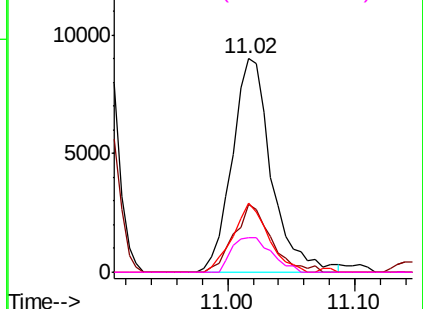
#33
4-Chloroaniline
Concen: 6.767 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	19316
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	32.3	25.4	38.0
92	16.4	15.2	22.8

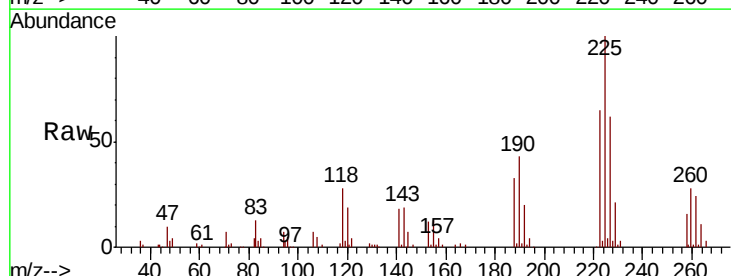


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

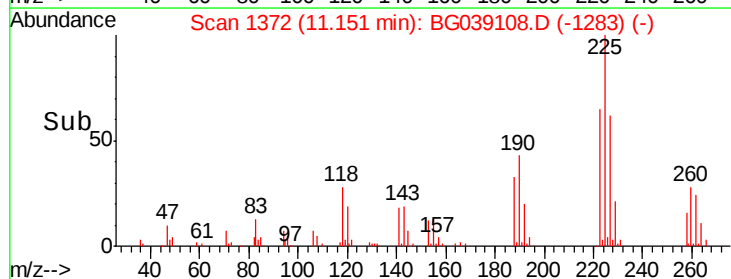
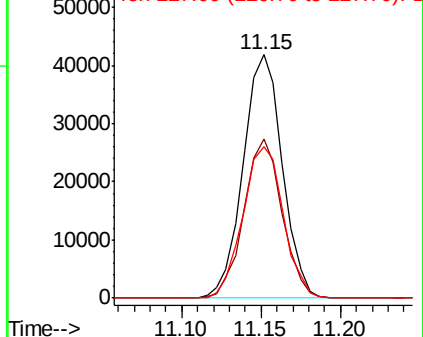


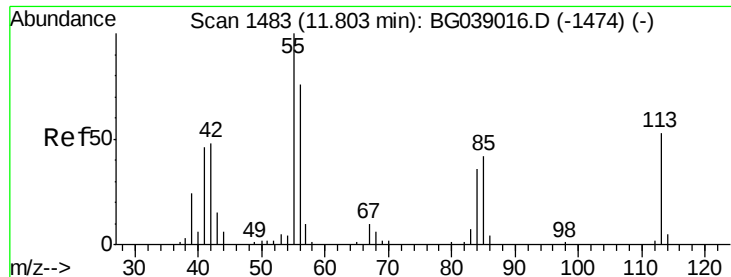
#34
Hexachlorobutadiene
Concen: 39.109 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion:	225	Resp:	71820
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.2	75.4
227	65.7	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: 20.606 ng

RT: 11.80 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

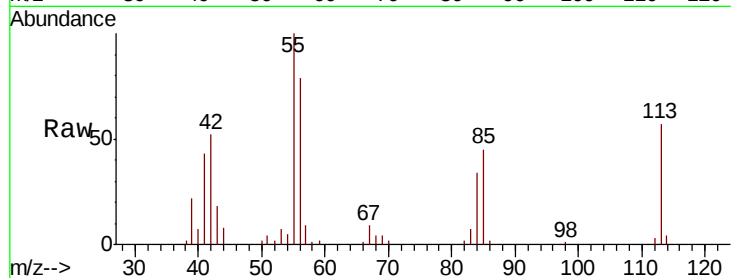
Tot Ion:113 Resp: 18354

Ion Ratio Lower Upper

113 100

55 175.8 168.6 208.6

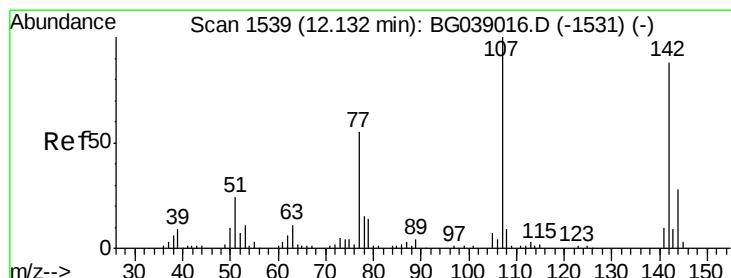
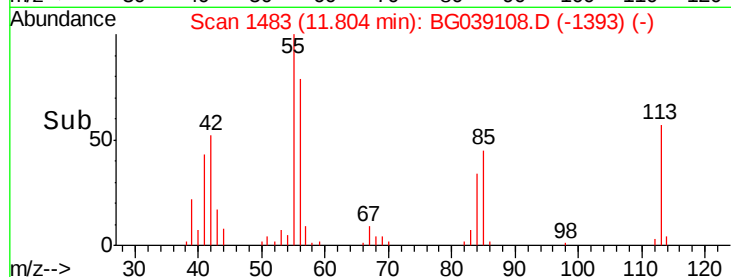
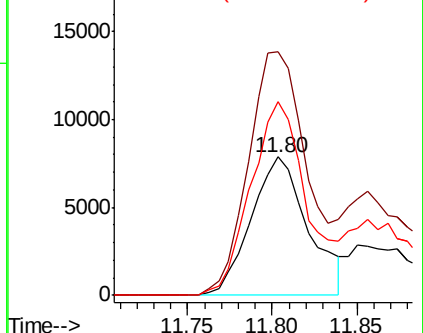
56 139.4 123.2 163.2



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: 51.205 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

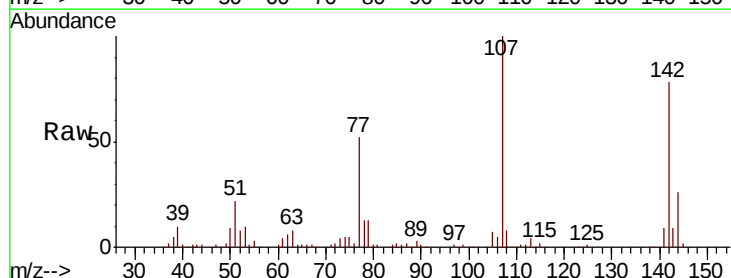
Tgt Ion:107 Resp: 121651

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

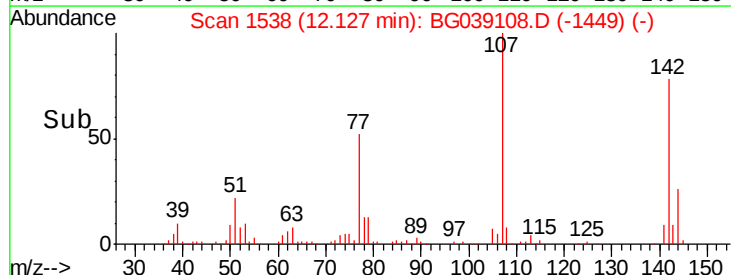
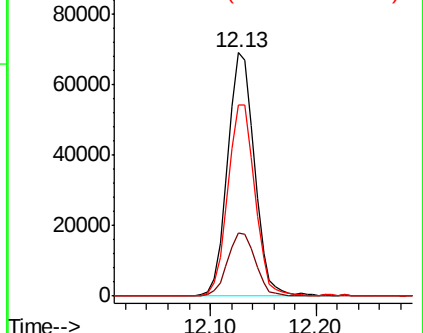
142 78.2 70.2 105.4

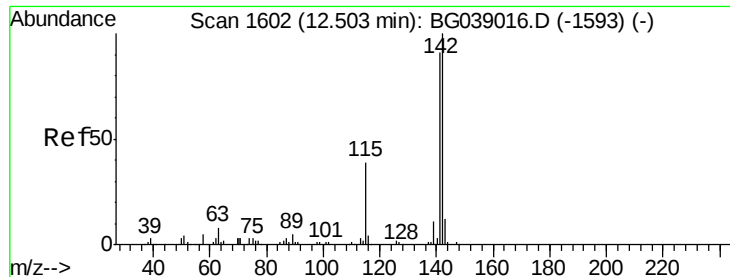


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

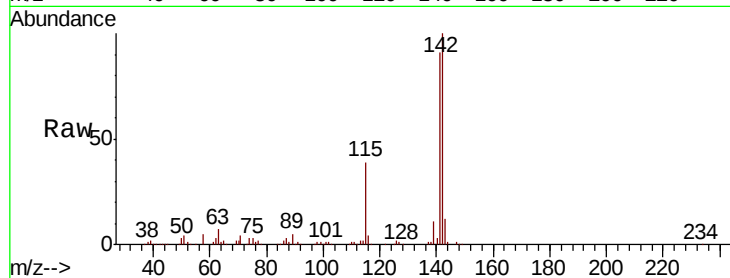




#37
 2-Methylnaphthalene
 Concen: 54.819 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	109.0
115	38.8	31.1	46.7

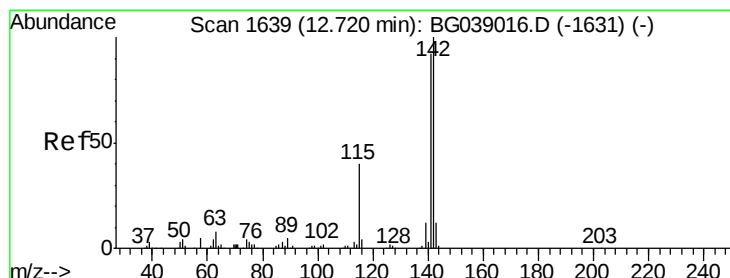
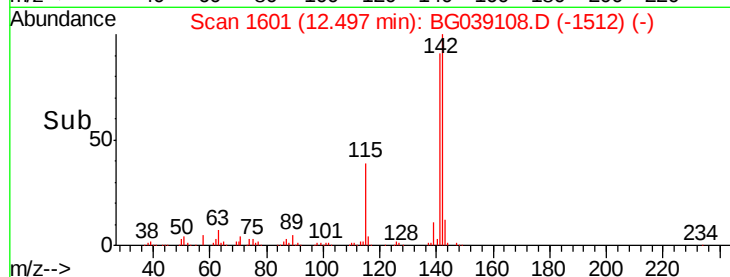
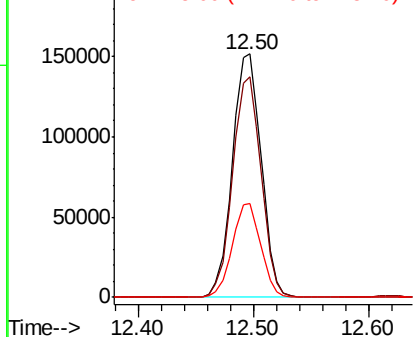


Abundance

Ion 142.00 (141.70 to 142.70): E

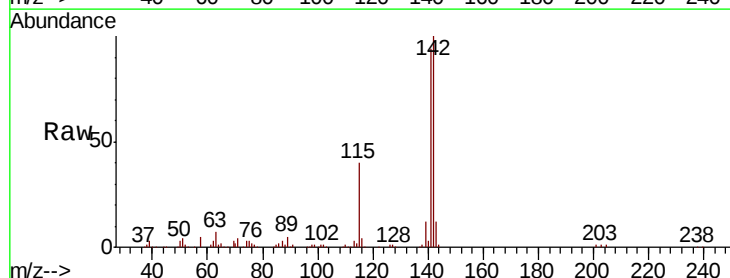
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 50.965 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.3	109.9
116	4.3	3.1	4.7

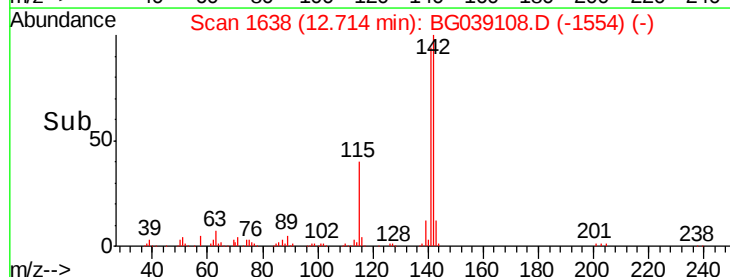
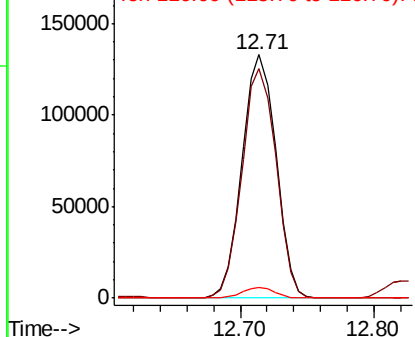


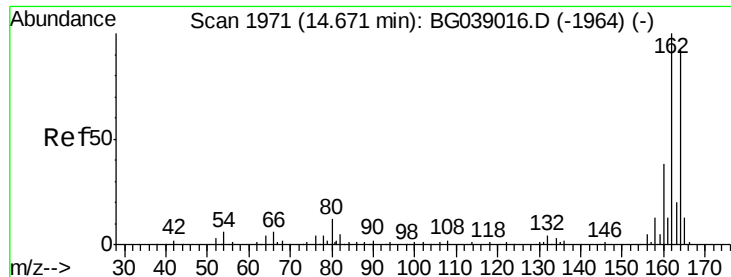
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

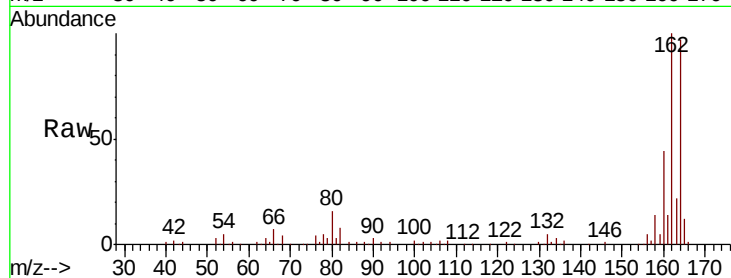
Tot Ion:164 Resp: 101957

Ion Ratio Lower Upper

164 100

162 103.1 87.2 130.8

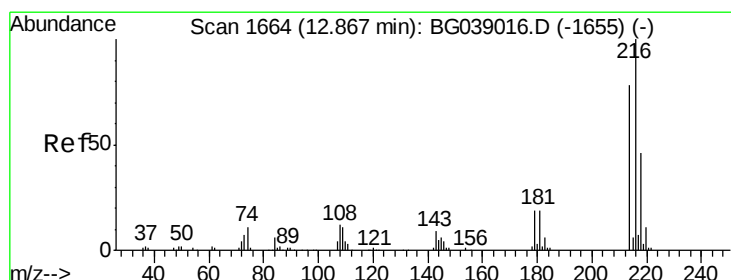
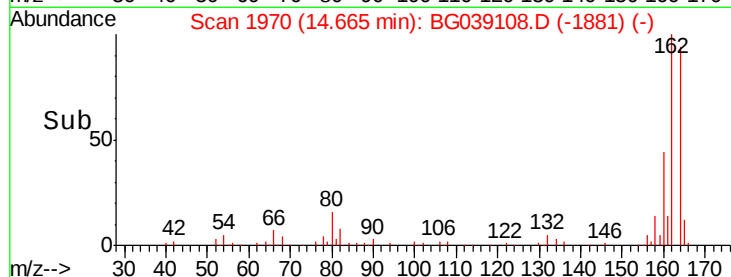
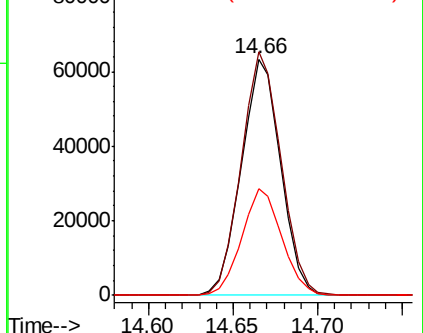
160 45.1 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.970 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:216 Resp: 168365

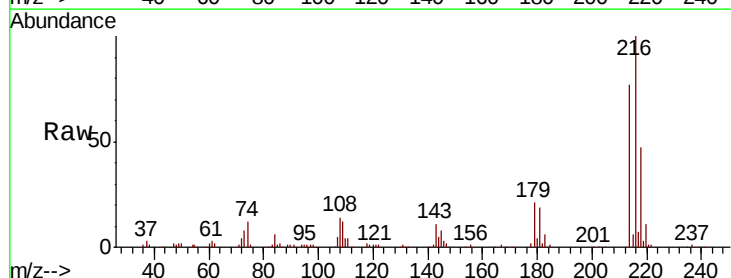
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 20.2 15.5 23.3

108 16.1 11.4 17.2

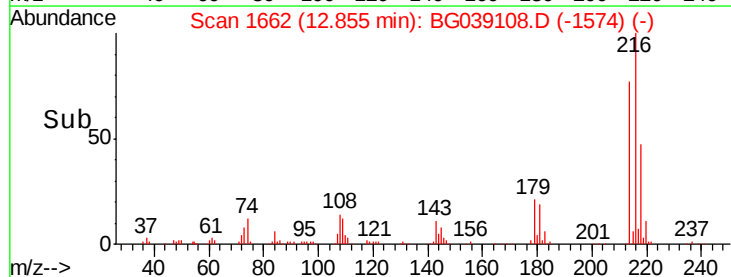
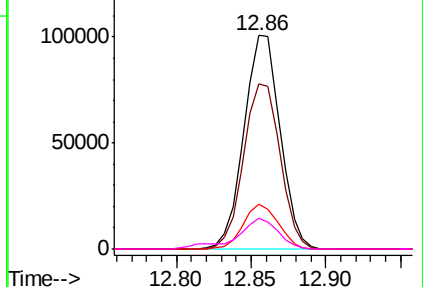


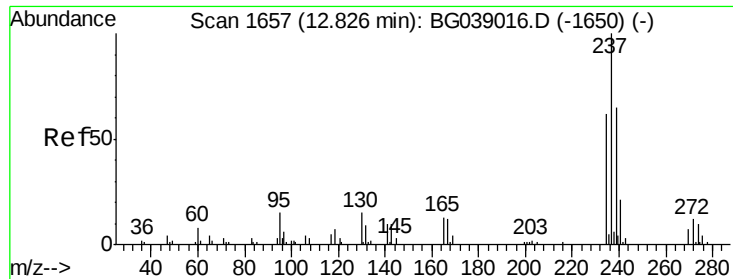
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.806 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

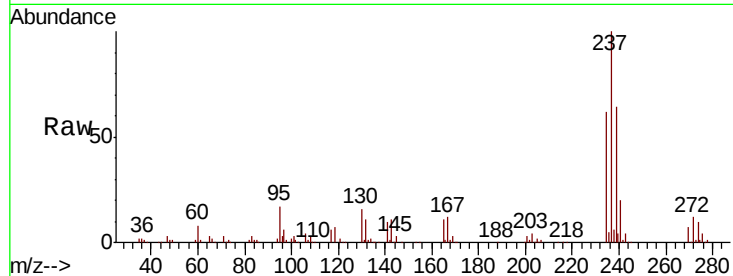
Tot Ion:237 Resp: 155812

Ion Ratio Lower Upper

237 100

235 61.8 41.7 81.7

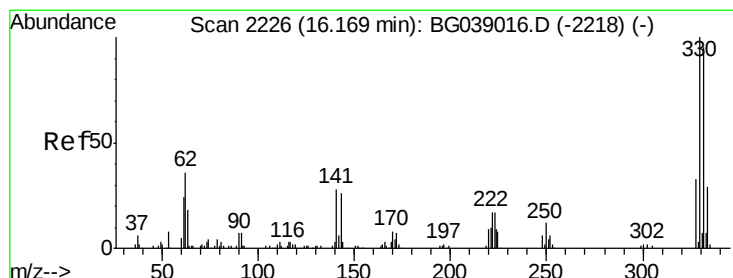
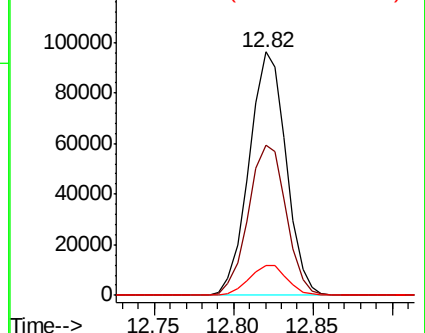
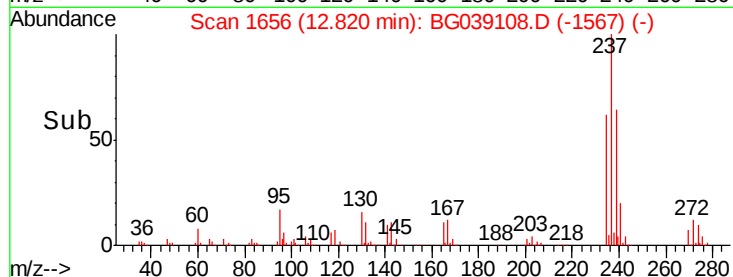
272 12.1 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.400 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

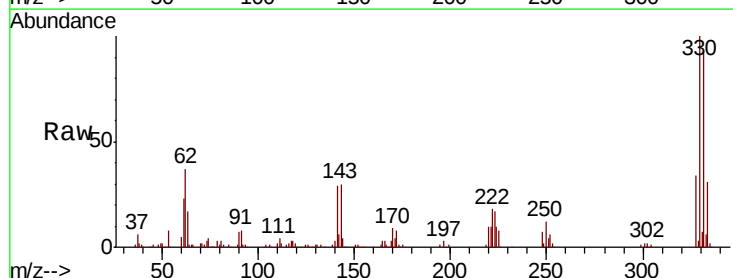
Tgt Ion:330 Resp: 207482

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

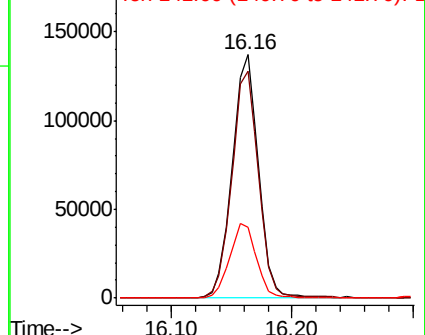
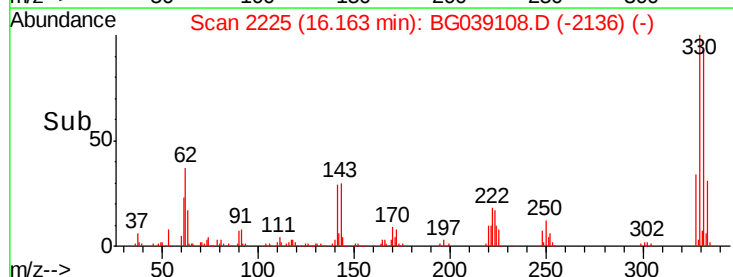
141 31.2 24.9 37.3

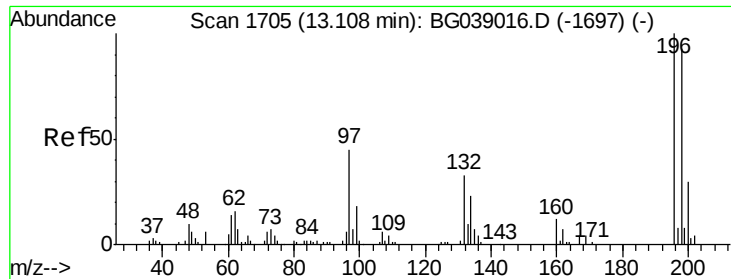


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

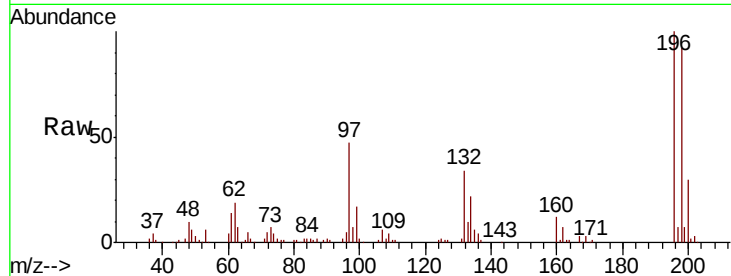




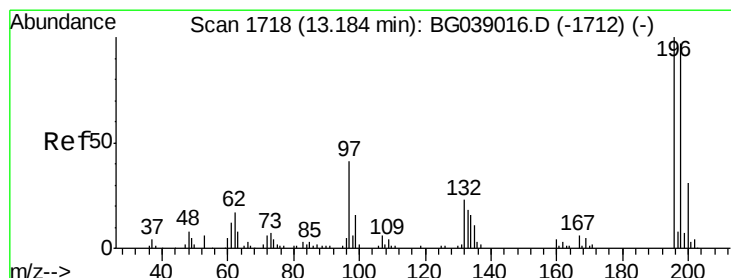
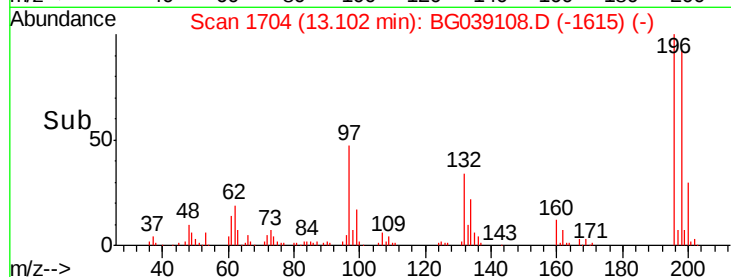
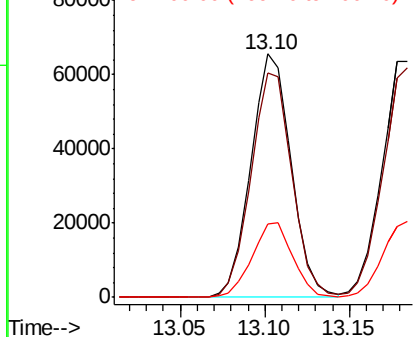
#43
 2,4,6-Trichlorophenol
 Concen: 45.061 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 108594
 Ion Ratio Lower Upper
 196 100
 198 91.9 74.5 111.7
 200 29.9 23.8 35.6

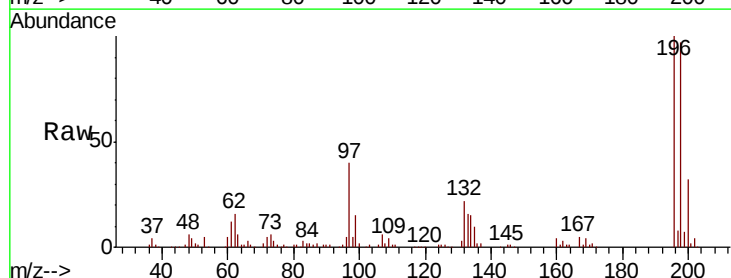


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

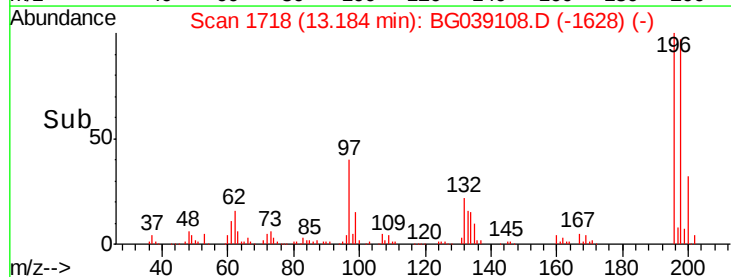
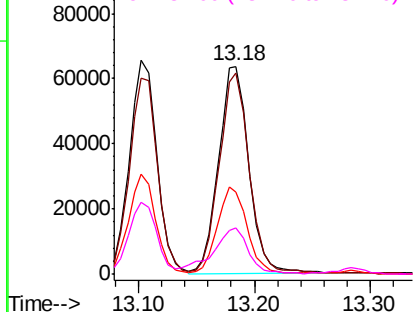


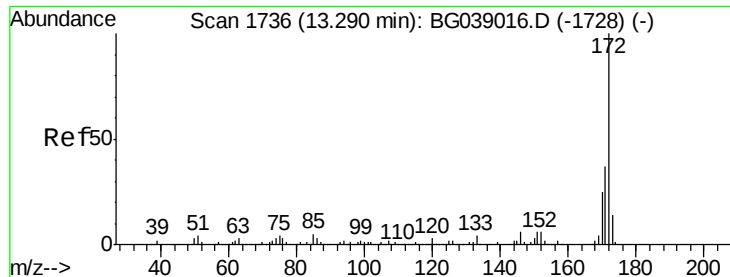
#44
 2,4,5-Trichlorophenol
 Concen: 45.266 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion:196 Resp: 115297
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.1 117.1
 97 39.6 33.2 49.8
 132 22.0 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

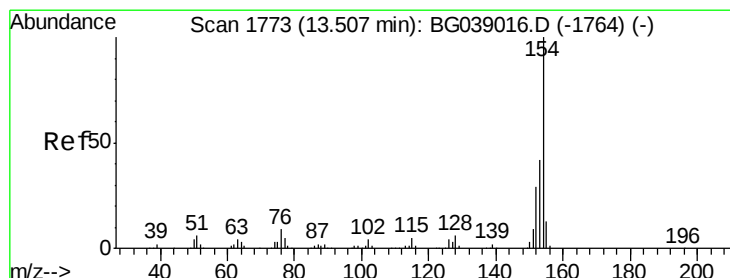
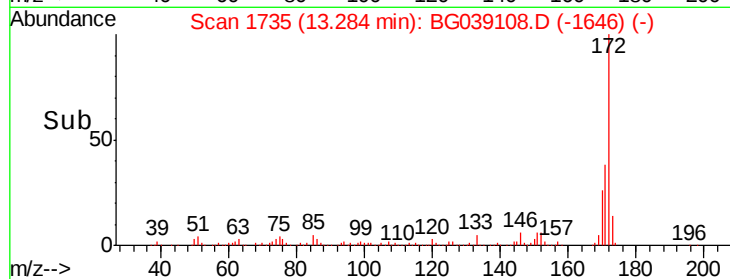
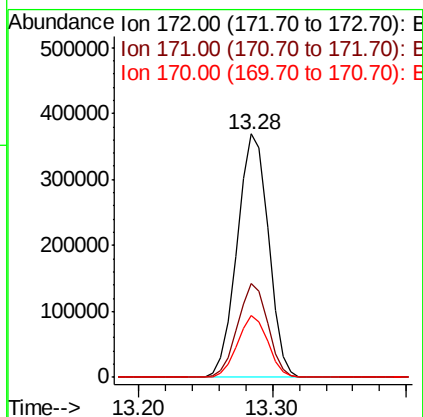
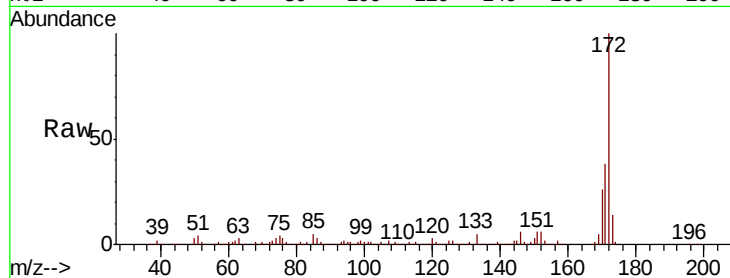




#45
 2-Fluorobiphenyl
 Concen: 80.420 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

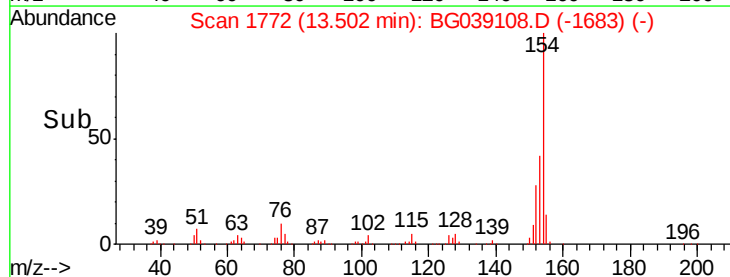
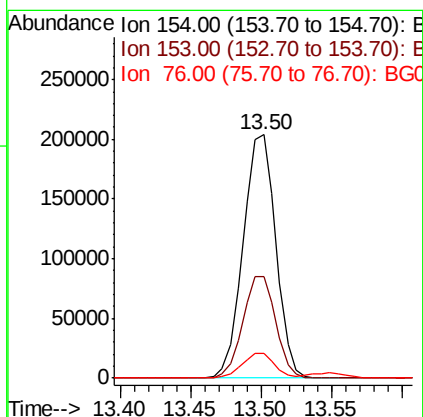
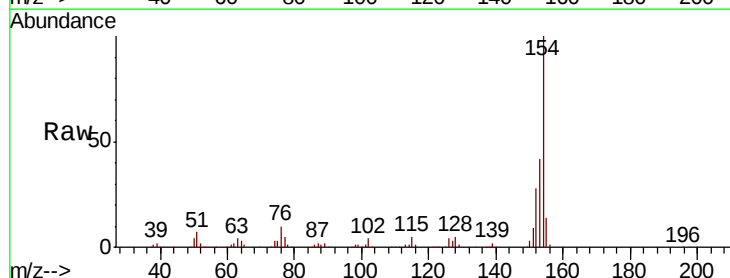
Instrument :
 BNA_G
 ClientSampleId :

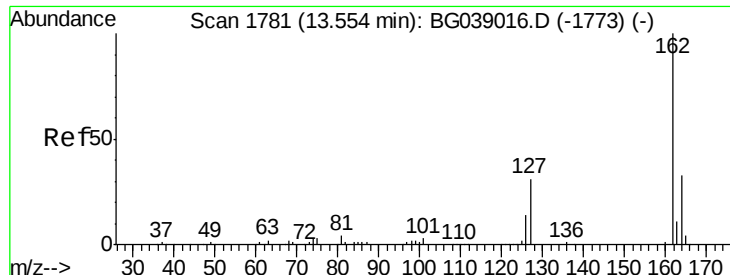
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.0
170	25.7	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 40.932 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	10.4	0.0	29.4





#47

2-Chloronaphthalene

Concen: 42.029 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

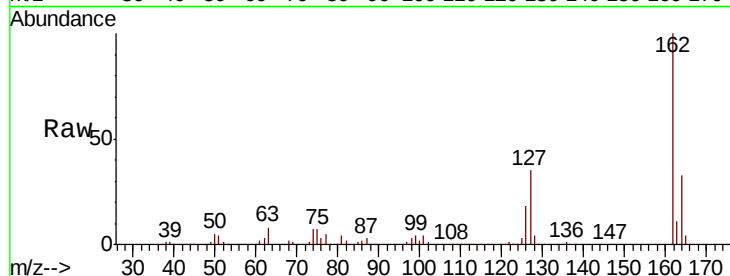
Tot Ion:162 Resp: 274771

Ion Ratio Lower Upper

162 100

127 35.1 28.4 42.6

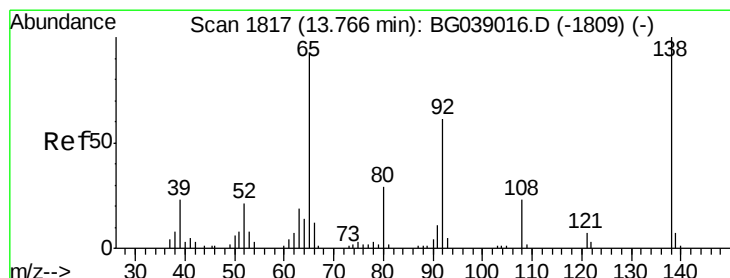
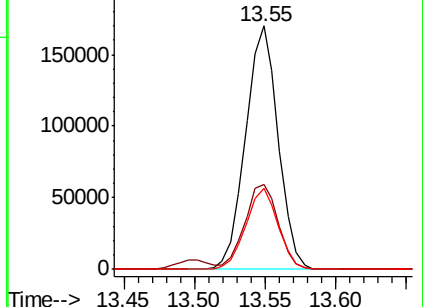
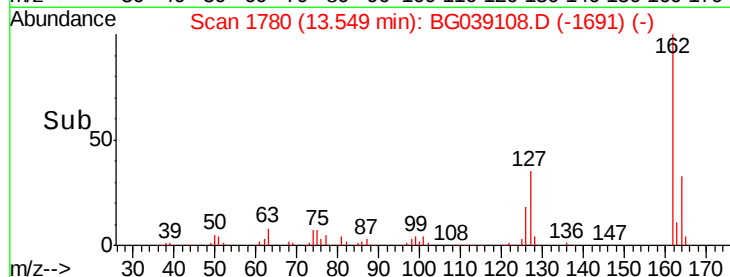
164 33.2 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.807 ng

RT: 13.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

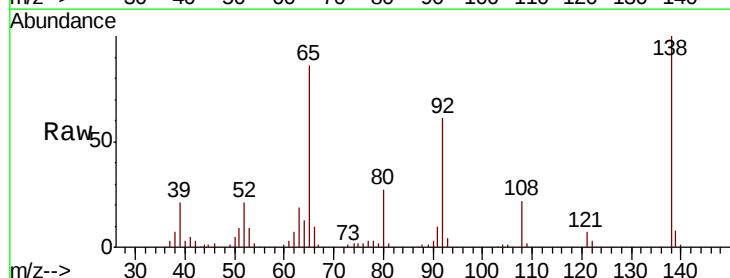
Tgt Ion: 65 Resp: 80234

Ion Ratio Lower Upper

65 100

92 70.3 52.2 78.4

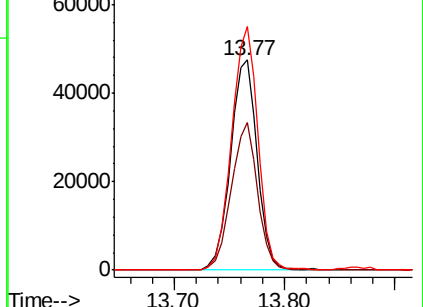
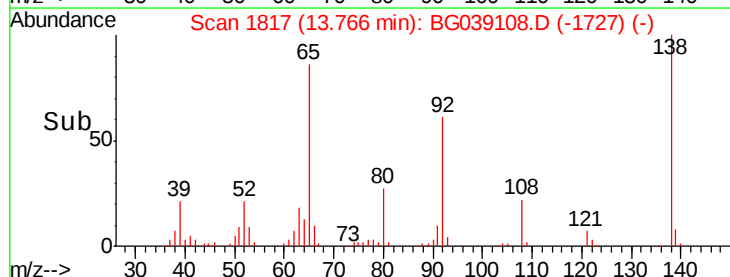
138 115.8 86.0 129.0

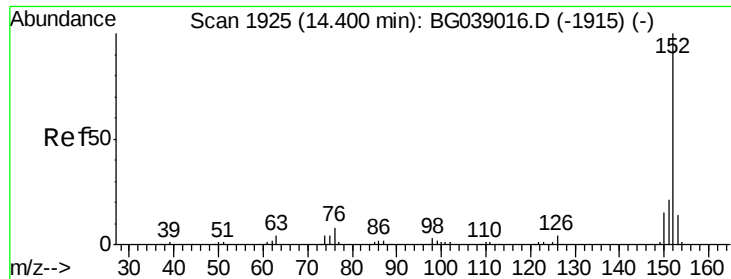


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.625 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

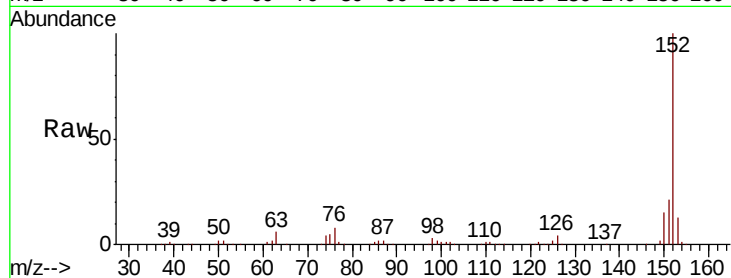
Tot Ion:152 Resp: 458159

Ion Ratio Lower Upper

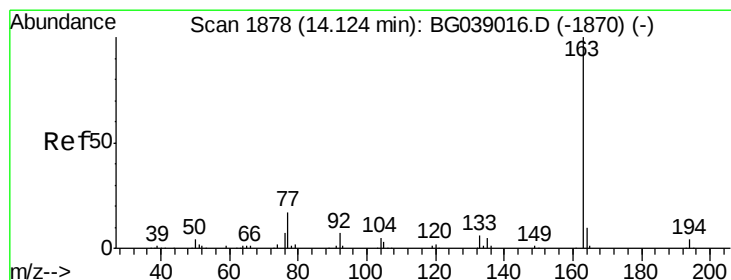
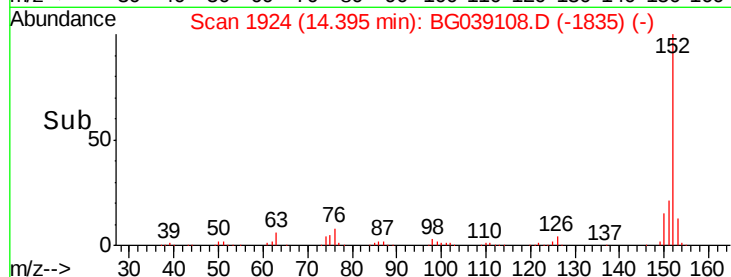
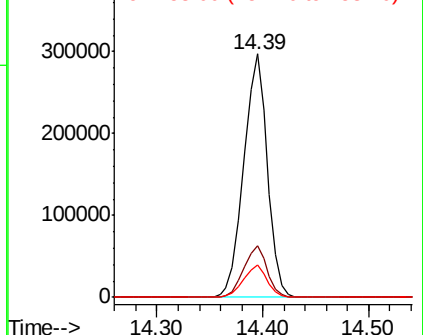
152 100

151 21.3 17.0 25.4

153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.659 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

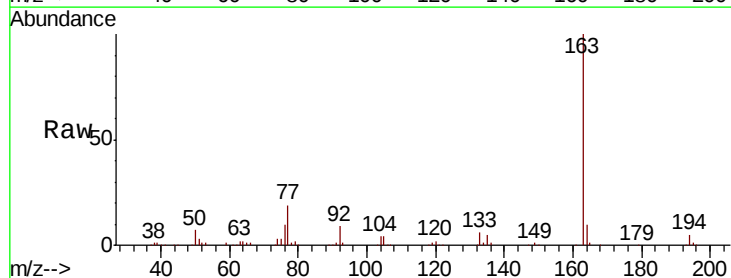
Tgt Ion:163 Resp: 393389

Ion Ratio Lower Upper

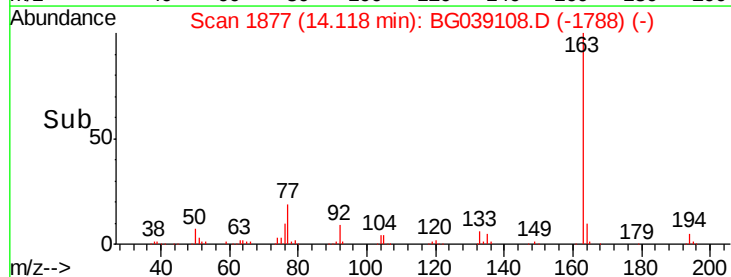
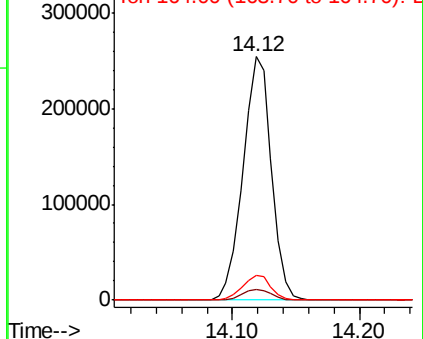
163 100

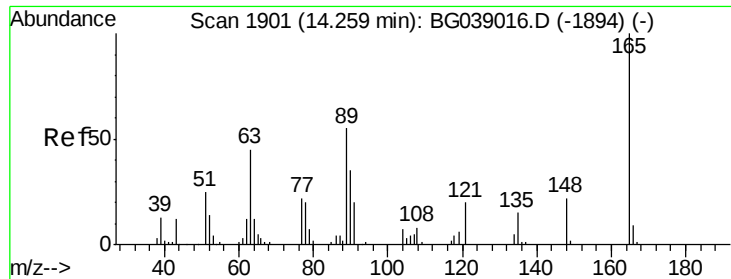
194 4.5 3.6 5.4

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

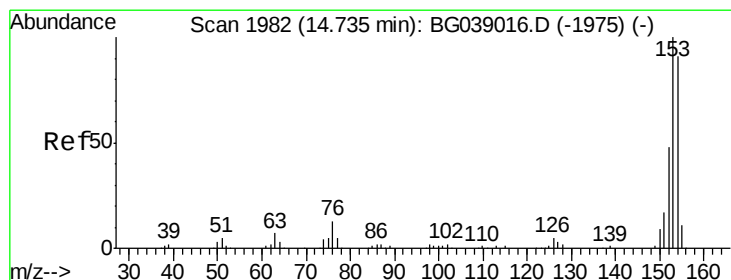
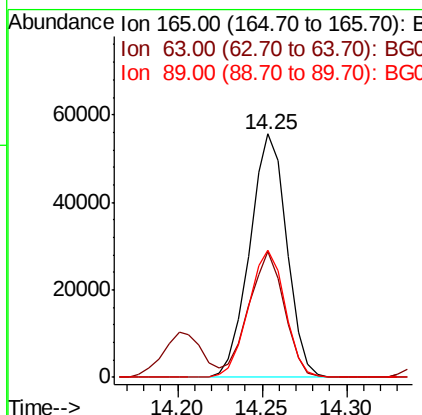
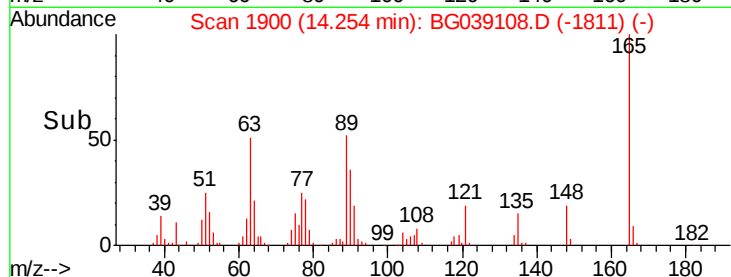
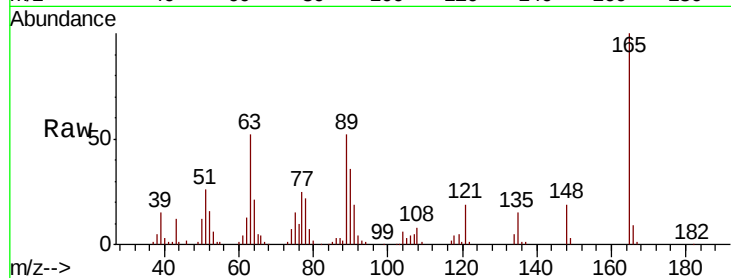




#51
 2,6-Dinitrotoluene
 Concen: 43.939 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

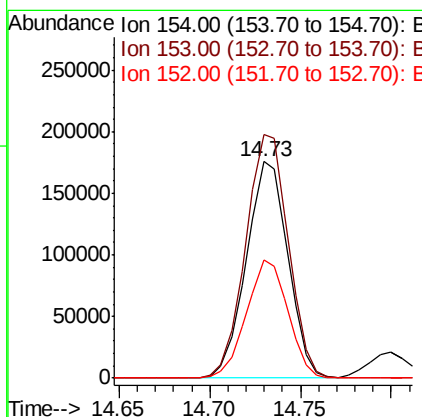
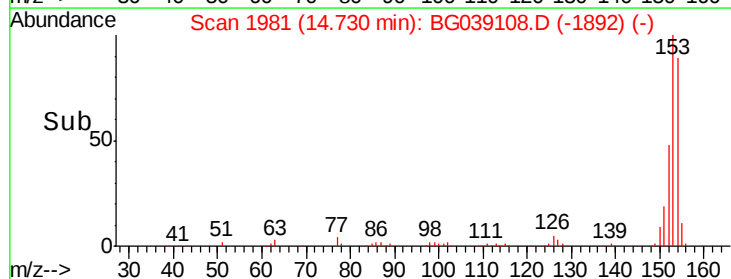
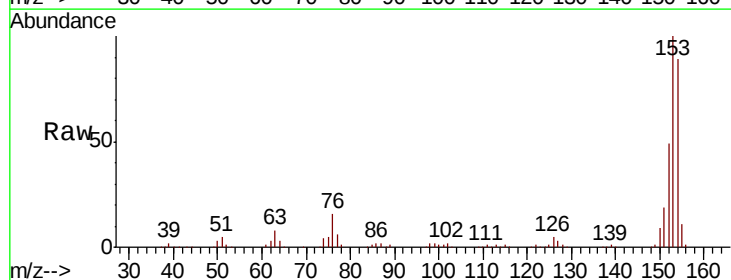
Instrument :
 BNA_G
 ClientSampled :

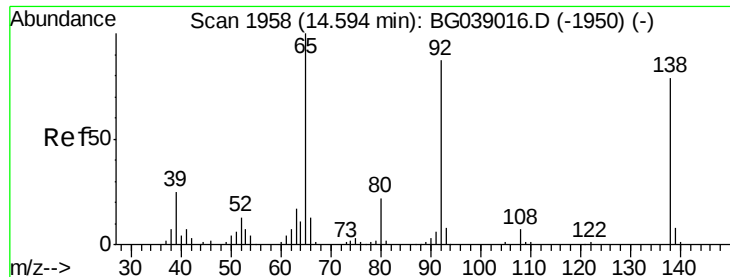
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	43.6	65.4
89	52.3	43.7	65.5



#52
 Acenaphthene
 Concen: 47.551 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.9	131.9
152	54.7	42.2	63.2





#53

3-Nitroaniline

Concen: 17.904 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

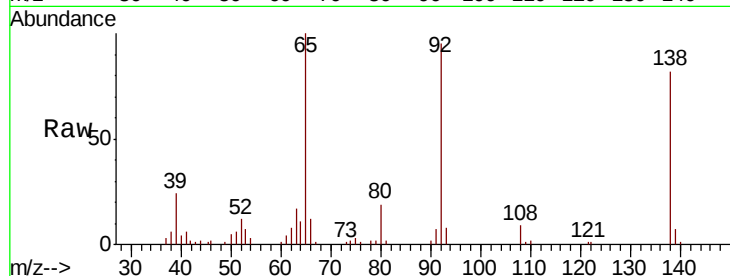
Tot Ion:138 Resp: 34986

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.0

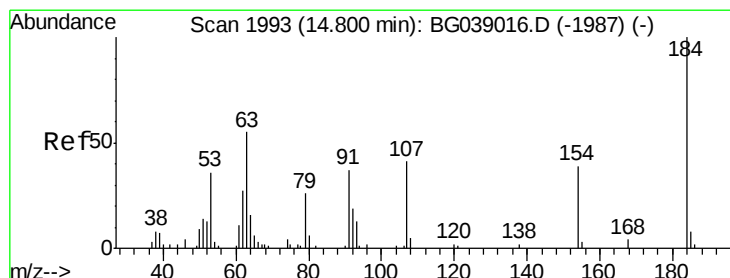
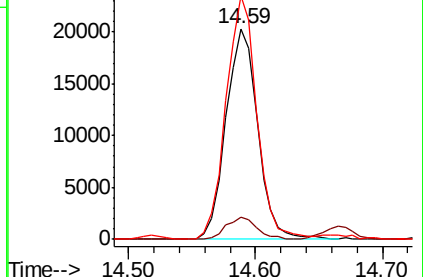
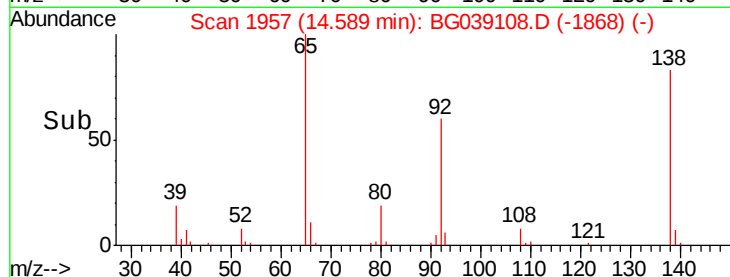
92 115.7 88.2 132.4



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: 54.022 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

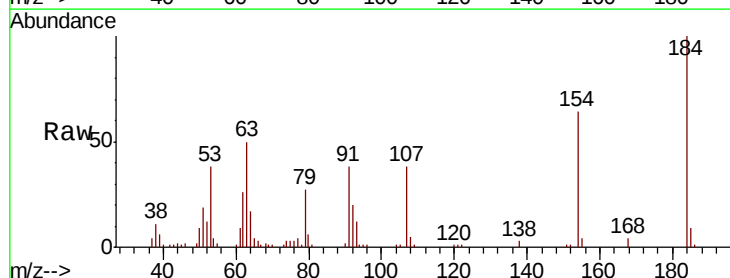
Tgt Ion:184 Resp: 60055

Ion Ratio Lower Upper

184 100

63 50.1 44.0 66.0

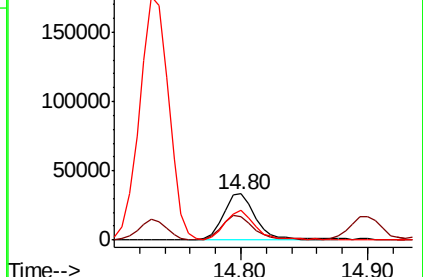
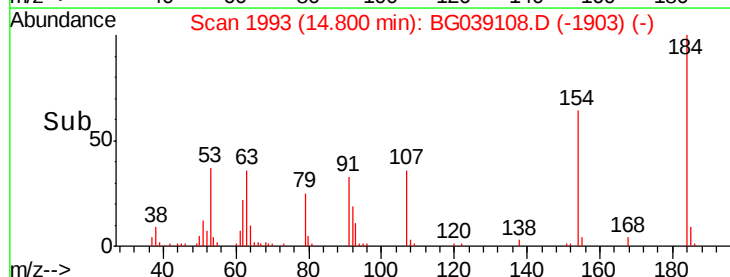
154 64.0 46.1 69.1

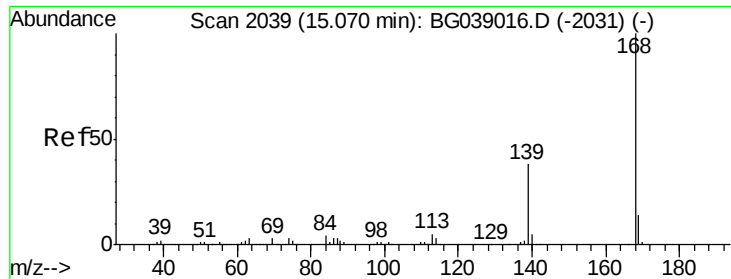


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

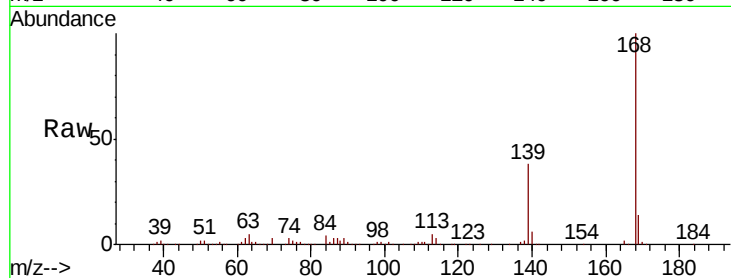




#55
Dibenzofuran
Concen: 42.372 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.9	10.9	16.3

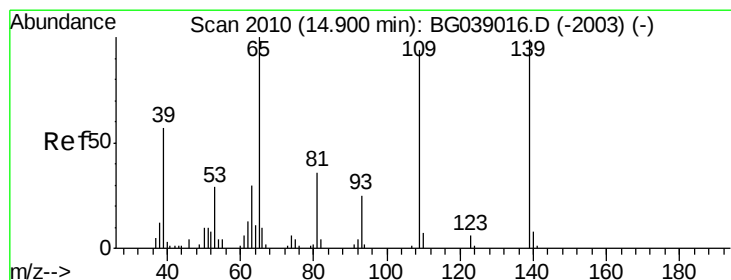
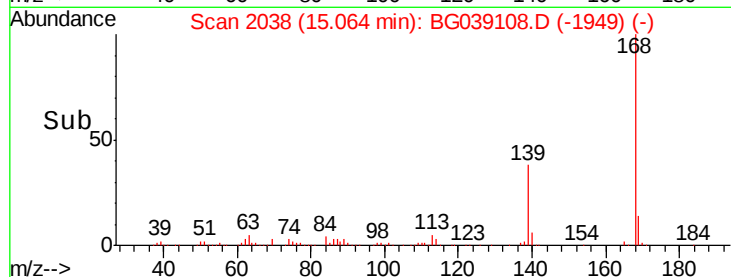
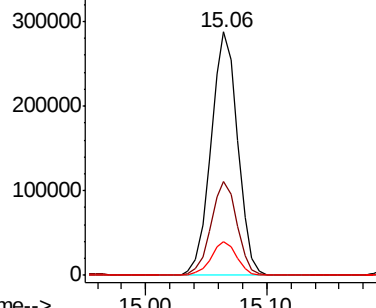


Abundance

Ion 168.00 (167.70 to 168.70): E

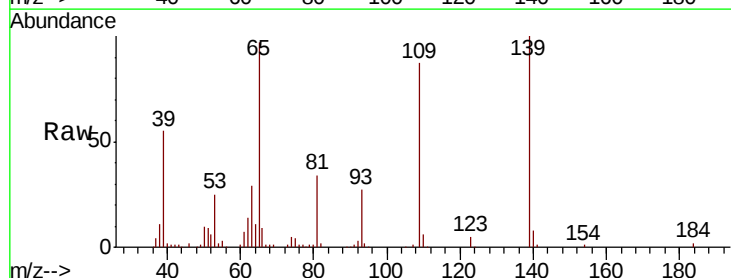
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.142 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.0	75.6	115.6
65	97.0	81.2	121.2

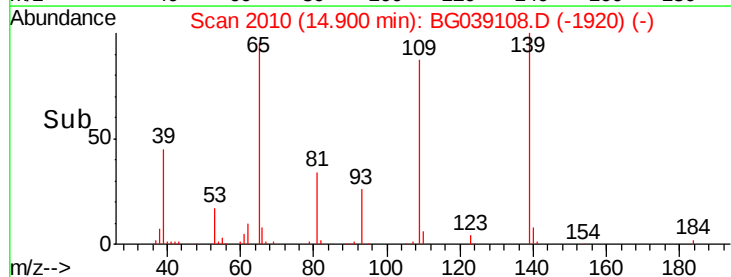
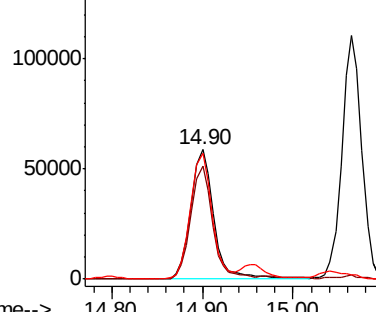


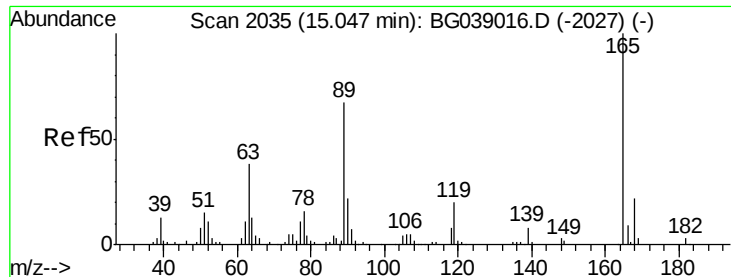
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

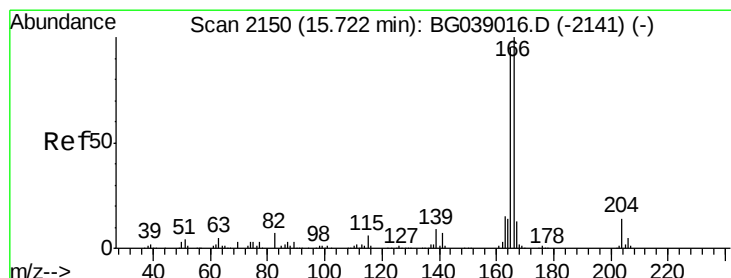
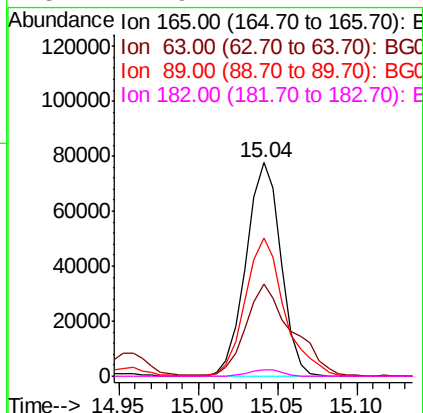
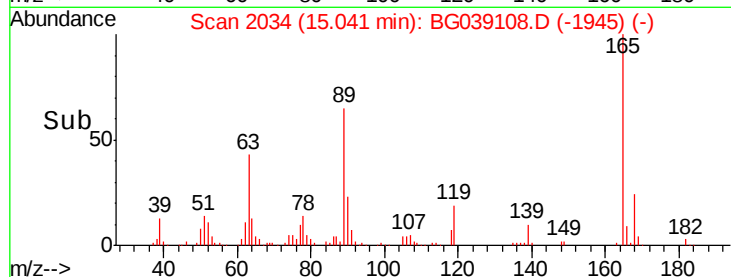
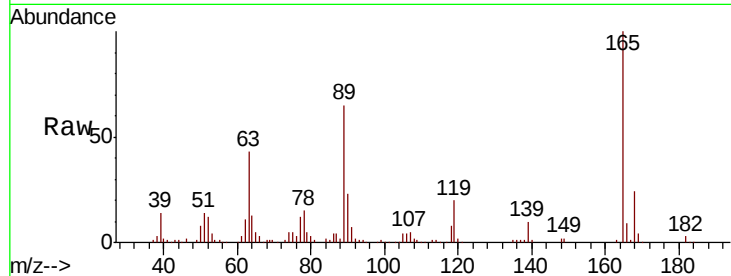




#57
2,4-Dinitrotoluene
Concen: 42.937 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

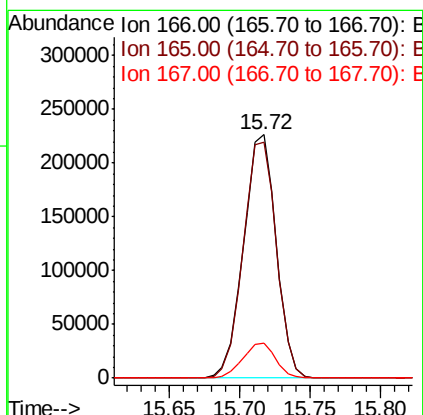
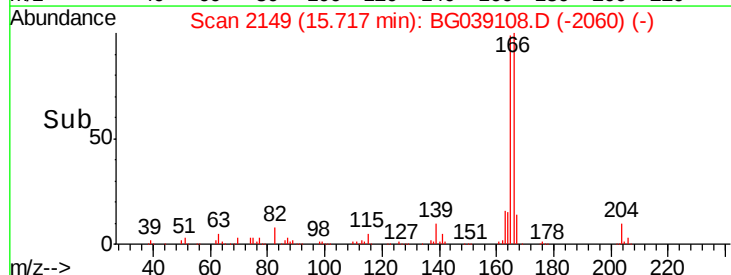
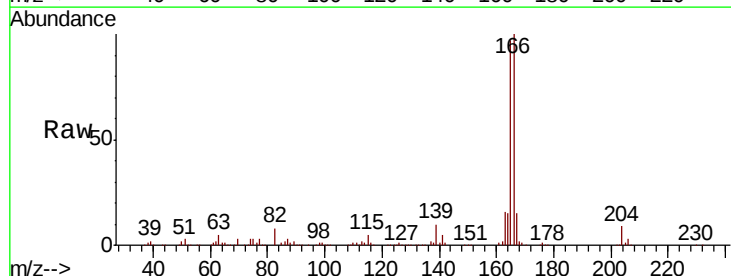
Instrument :
BNA_G
ClientSampled :

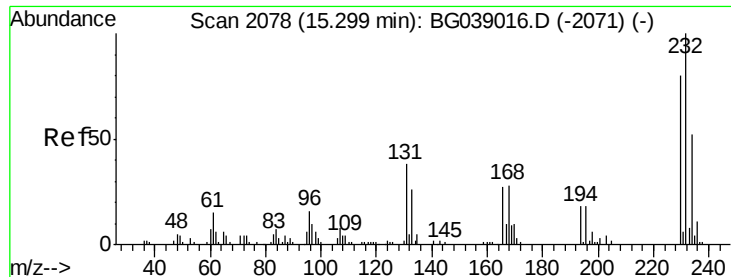
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	30.2	45.4
89	65.0	53.2	79.8
182	2.9	2.7	4.1



#58
Fluorene
Concen: 46.764 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.2	114.2
167	14.5	10.6	16.0

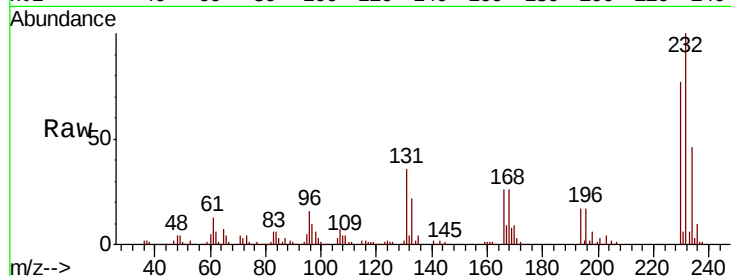




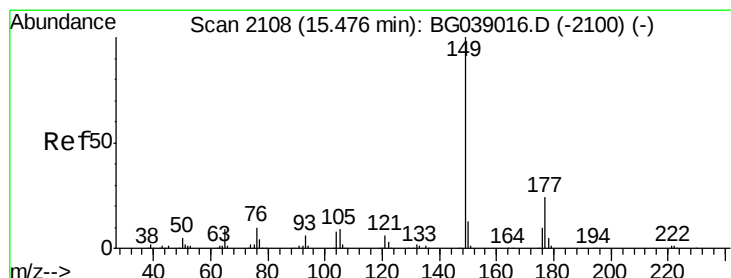
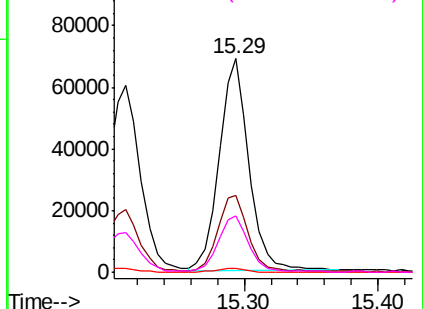
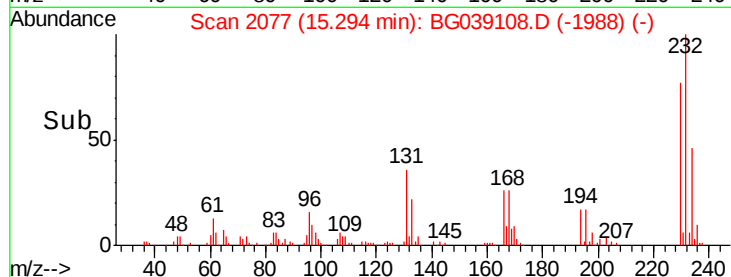
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.742 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	107577
Ion Ratio	Lower	Upper
232	100	
131	39.4	30.9 46.3
130	2.1	1.9 2.9
166	27.8	22.1 33.1

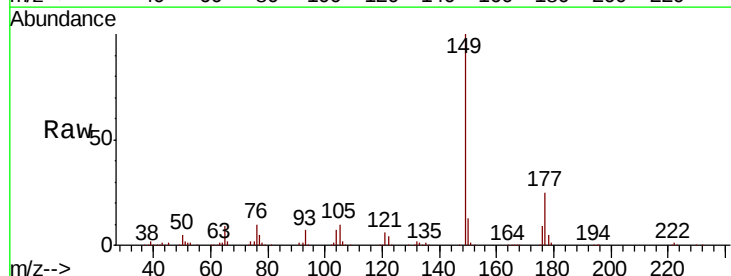


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

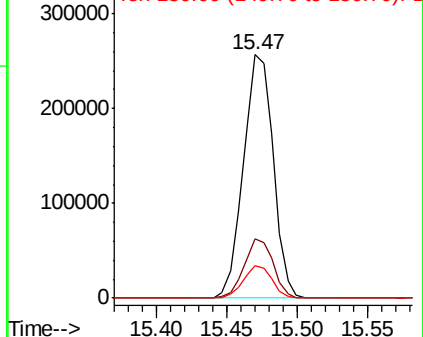
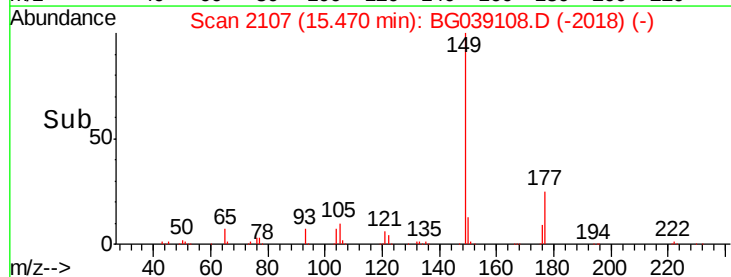


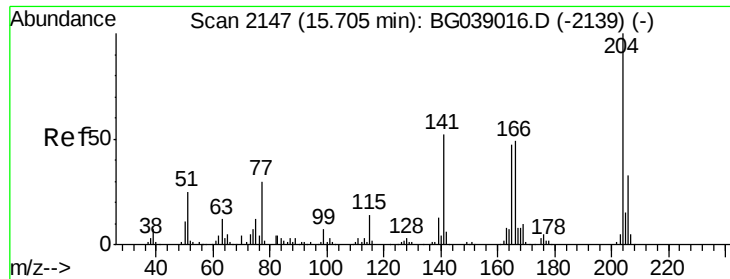
#60
 Diethylphthalate
 Concen: 42.840 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion:149	Resp:	380292
Ion Ratio	Lower	Upper
149	100	
177	24.5	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

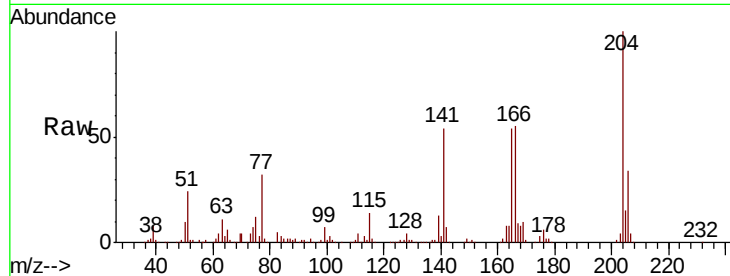




#61
4-Chlorophenyl-phenylether
Concen: 42.277 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	54.4	41.4	62.0

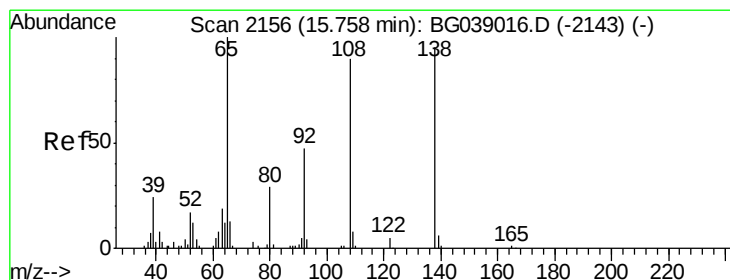
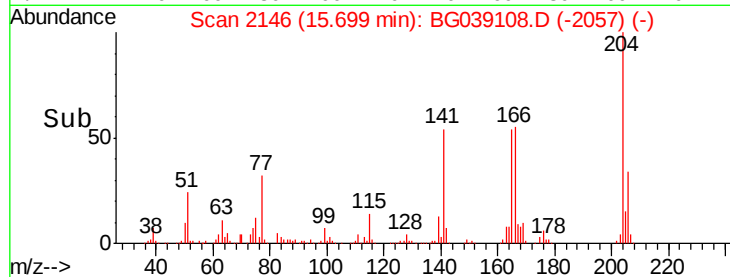
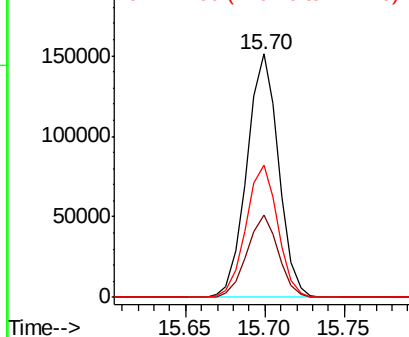


Abundance

Ion 204.00 (203.70 to 204.70): E

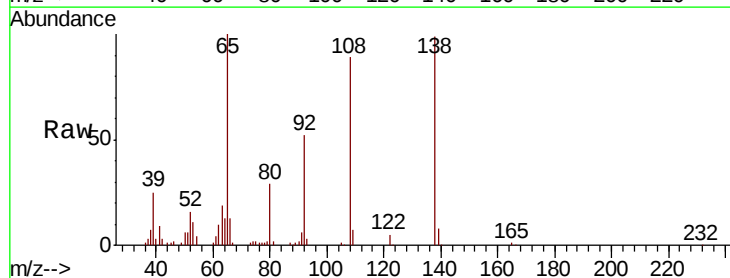
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.746 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	29.7	69.7
108	90.7	75.7	115.7

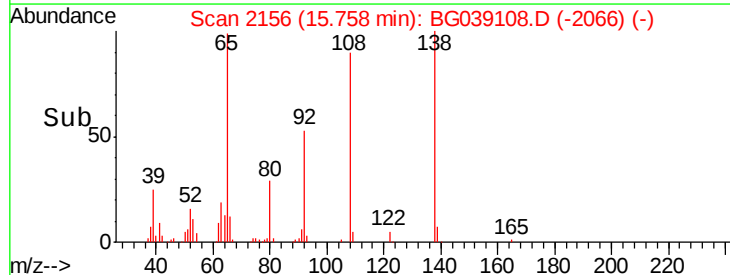
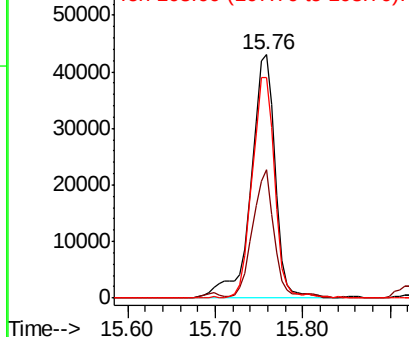


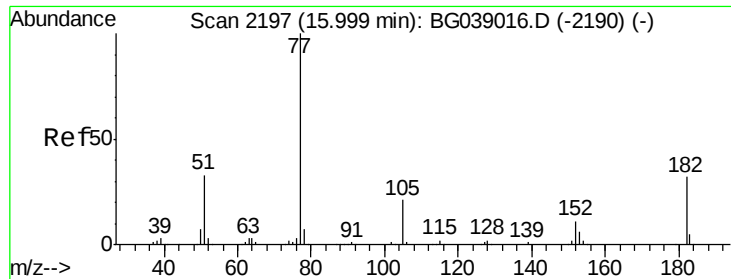
Abundance

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

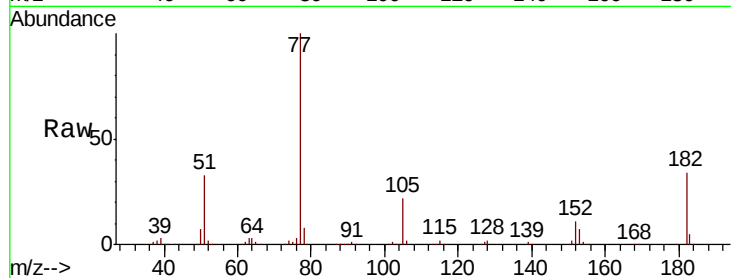




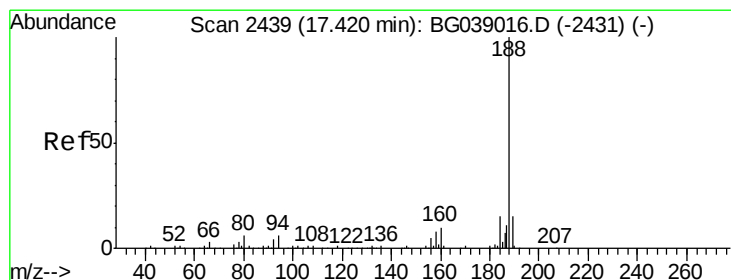
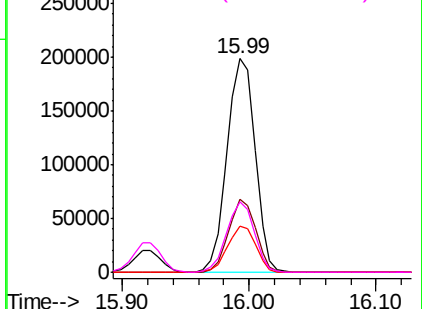
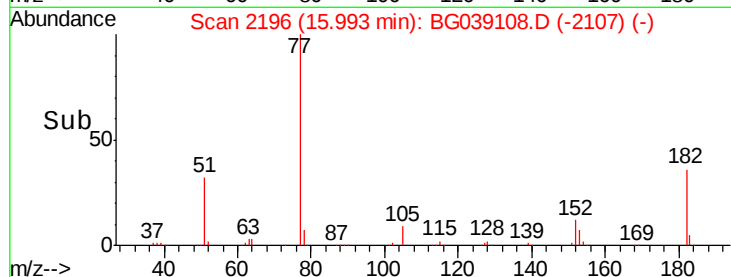
#63
Azobenzene
Concen: 43.764 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 303807
Ion Ratio Lower Upper
77 100
182 34.0 12.2 52.2
105 21.7 1.2 41.2
51 33.0 13.4 53.4

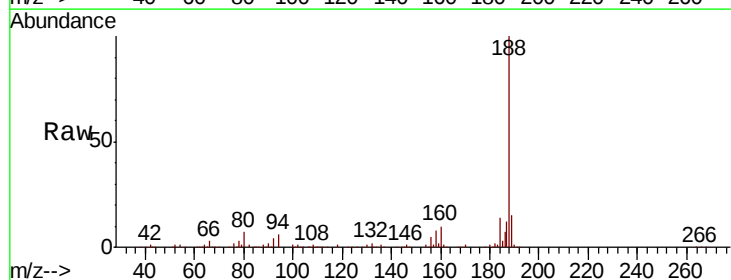


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

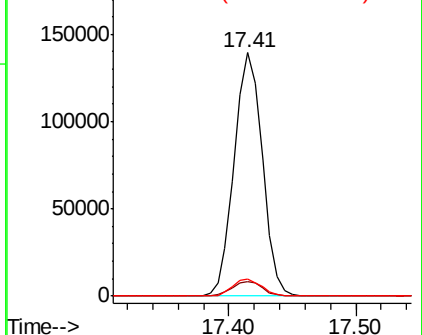
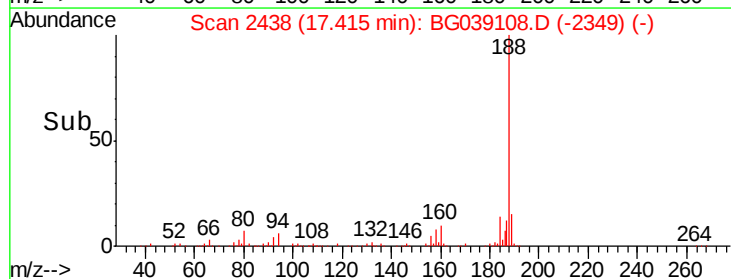


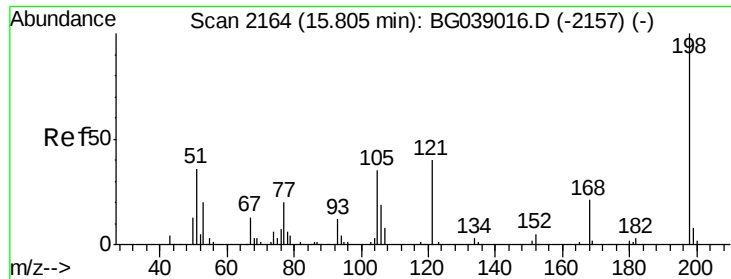
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion: 188 Resp: 214622
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.4
80 7.0 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

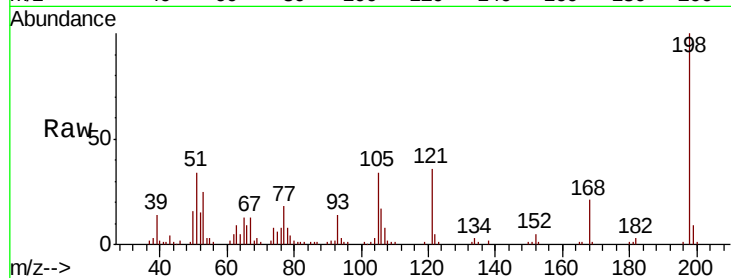




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.329 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.0	20.8	60.8
105	34.3	16.1	56.1

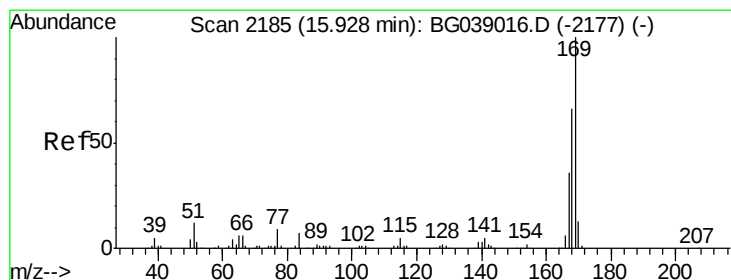
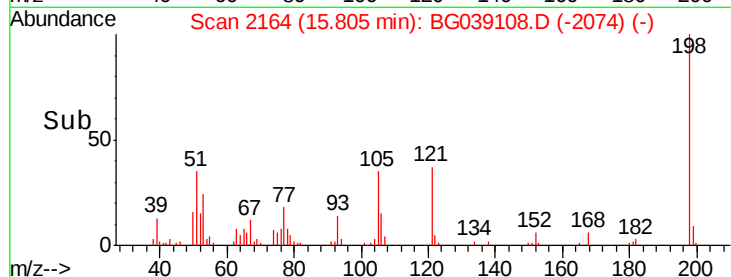
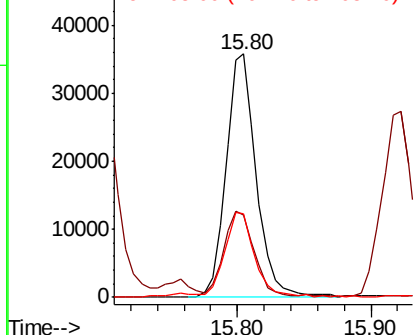


Abundance

Ion 198.00 (197.70 to 198.70): E

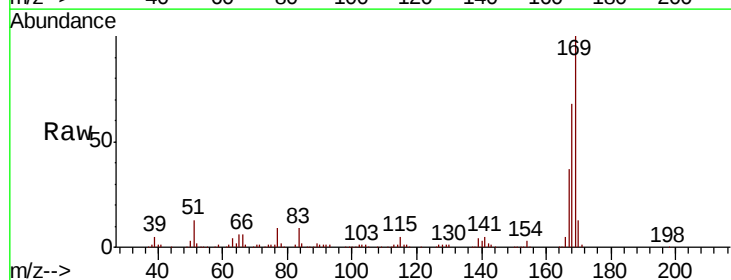
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 51.006 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.2	79.8
167	36.7	29.1	43.7

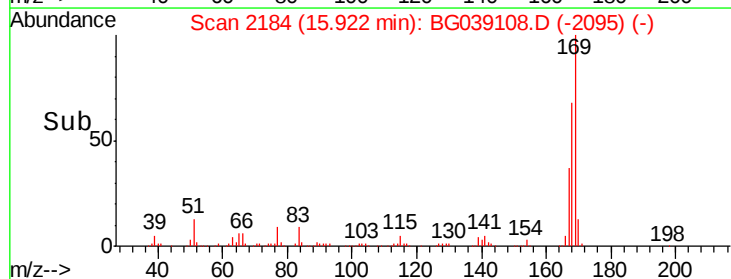
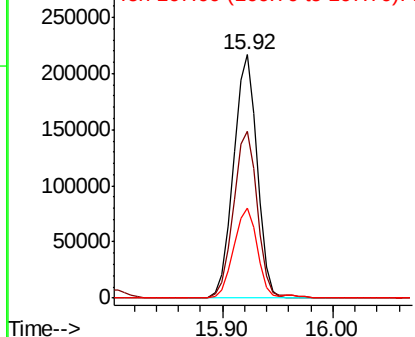


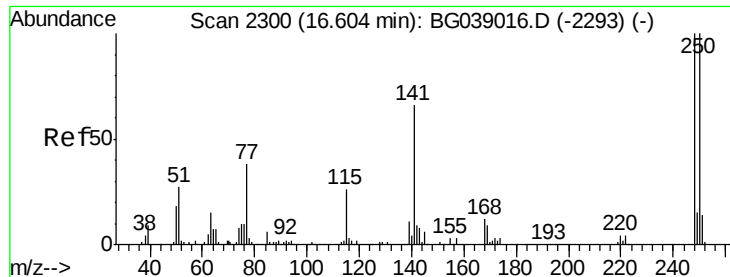
Abundance

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

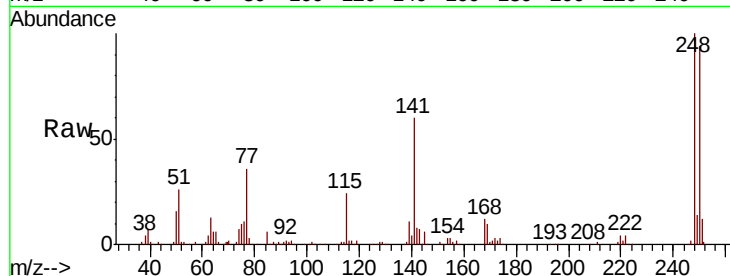




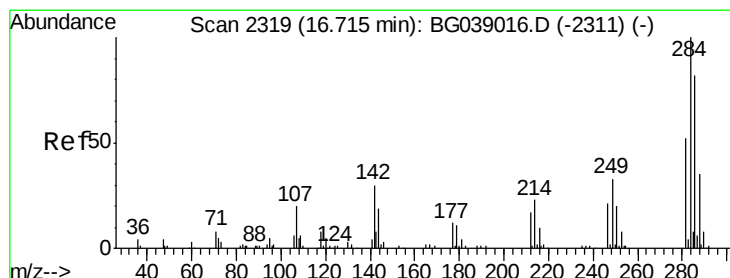
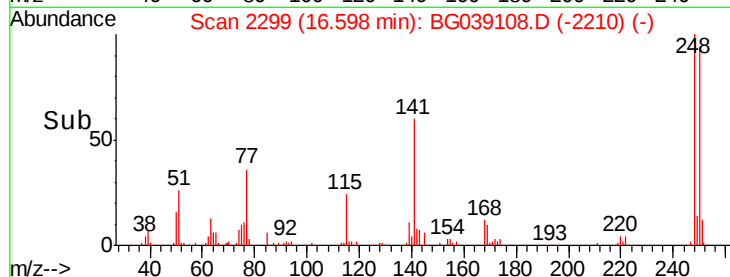
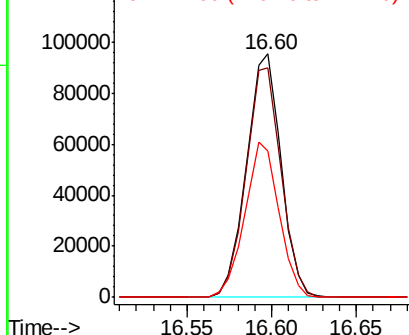
#67
 4-Bromophenyl-phenylether
 Concen: 49.206 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 135753
 Ion Ratio Lower Upper
 248 100
 250 94.4 79.9 119.9
 141 60.2 52.7 79.1

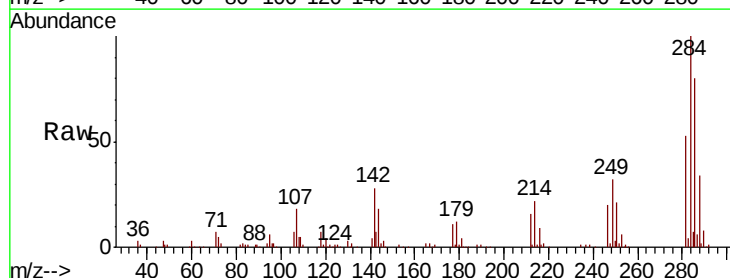


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

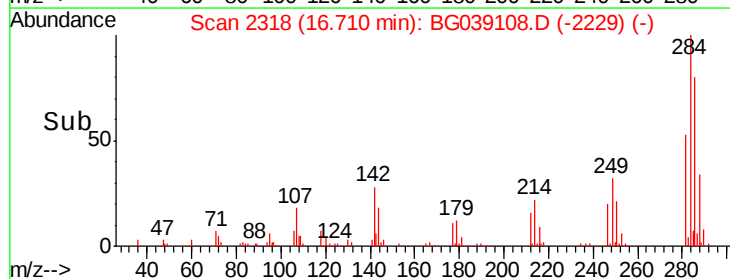
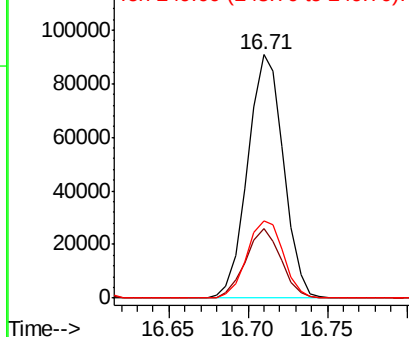


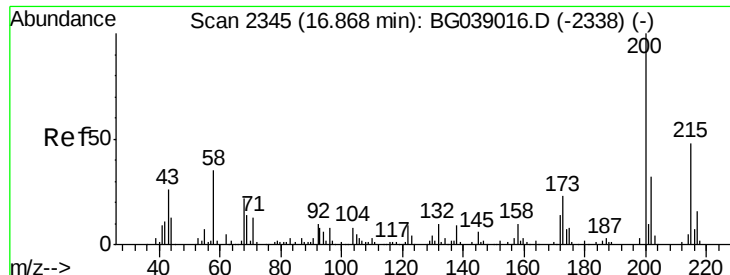
#68
 Hexachlorobenzene
 Concen: 47.228 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion:284 Resp: 142176
 Ion Ratio Lower Upper
 284 100
 142 28.5 24.3 36.5
 249 34.3 27.8 41.8



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





#69

Atrazine

Concen: 46.966 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

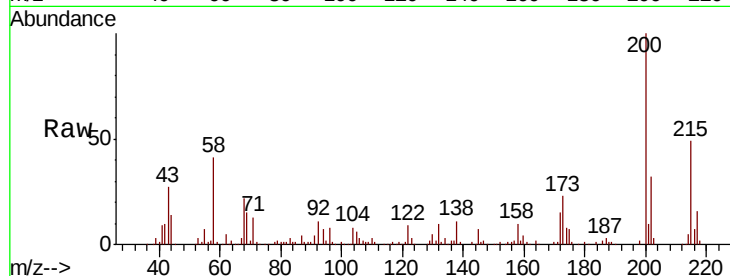
Tot Ion:200 Resp: 126943

Ion Ratio Lower Upper

200 100

173 23.5 2.6 42.6

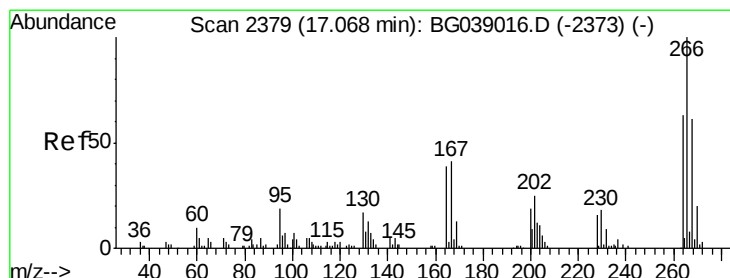
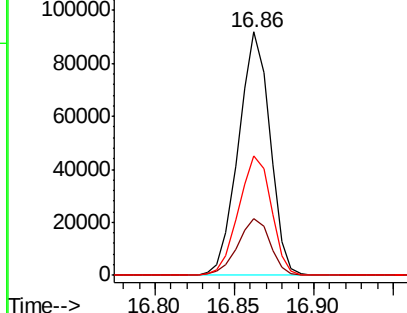
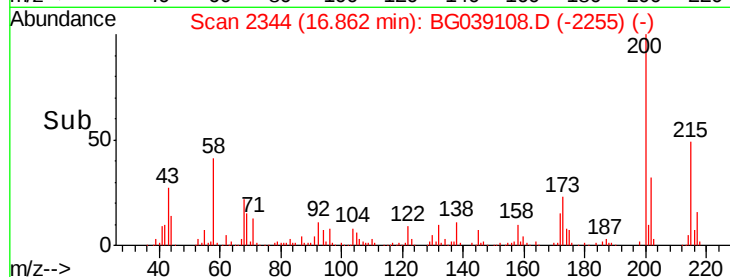
215 49.0 28.0 68.0



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: 64.109 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

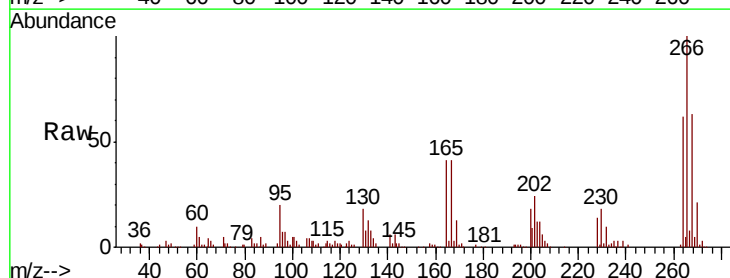
Tgt Ion:266 Resp: 116933

Ion Ratio Lower Upper

266 100

268 67.9 52.0 78.0

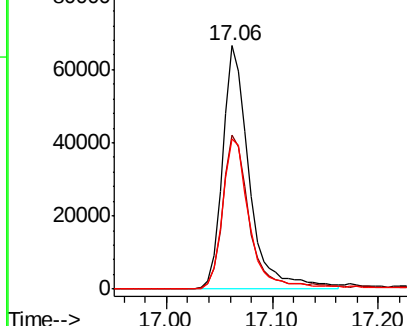
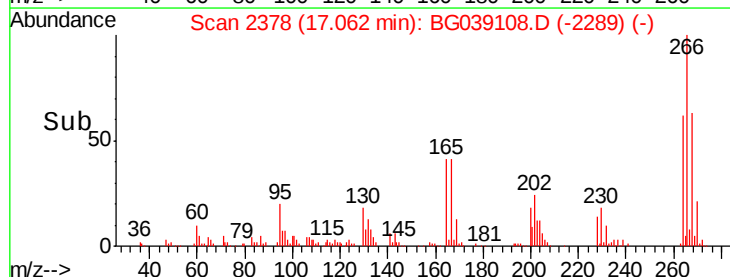
264 61.9 54.6 81.8

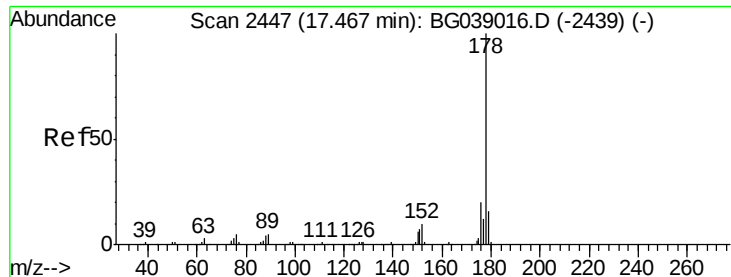


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

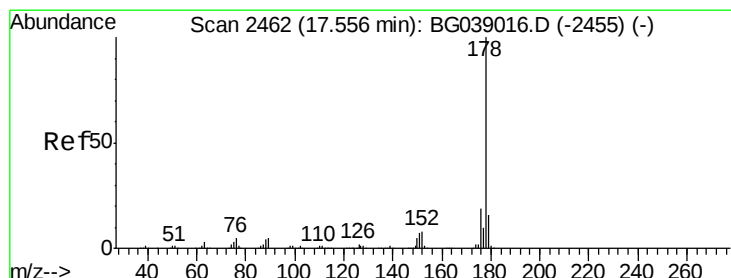
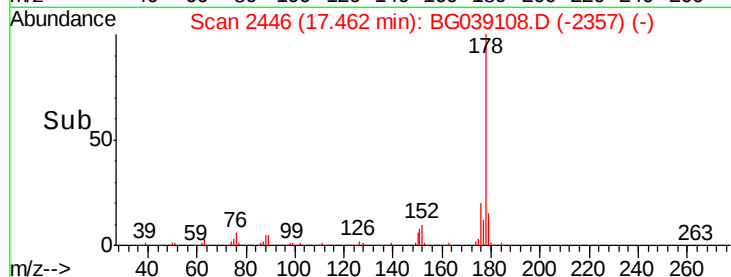
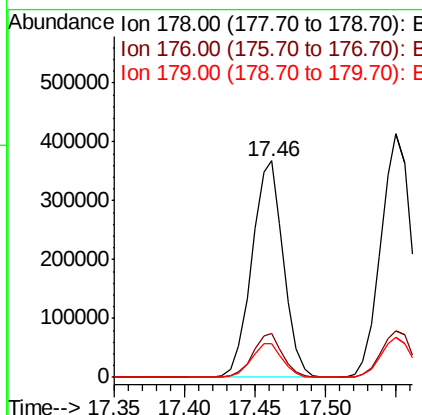
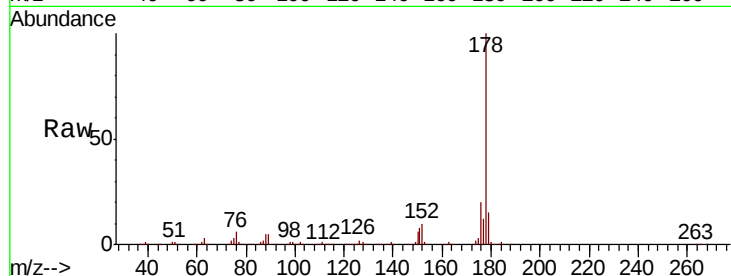




#71
Phenanthrene
Concen: 50.602 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

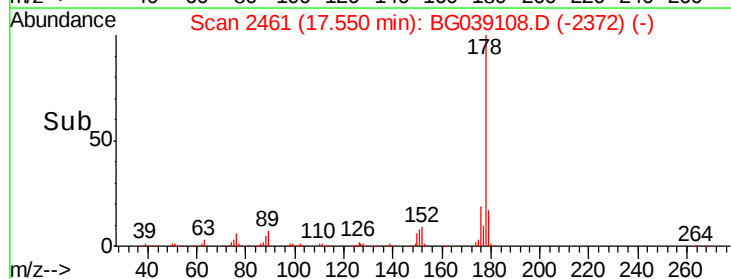
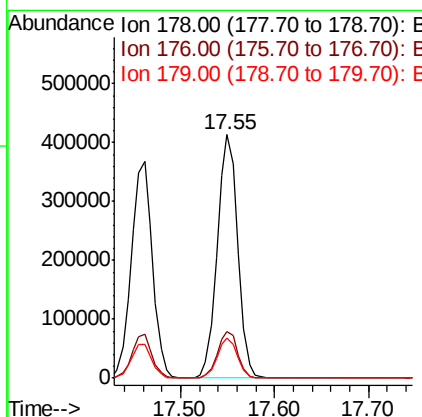
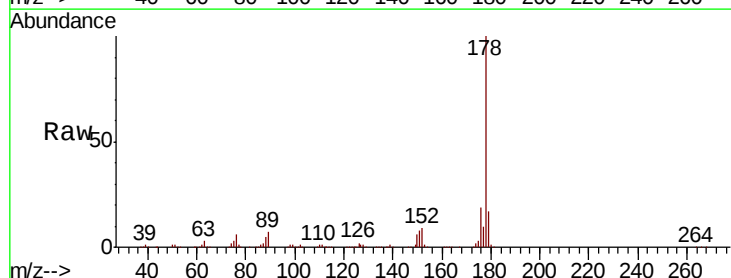
Instrument :
BNA_G
ClientSampleId :

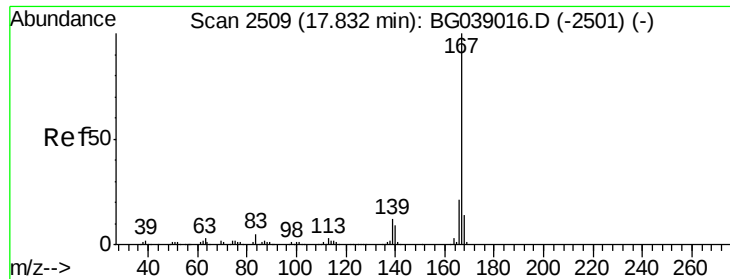
Tot Ion:178 Resp: 574041
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.5 12.9 19.3



#72
Anthracene
Concen: 55.896 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion:178 Resp: 626949
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 16.6 13.0 19.4

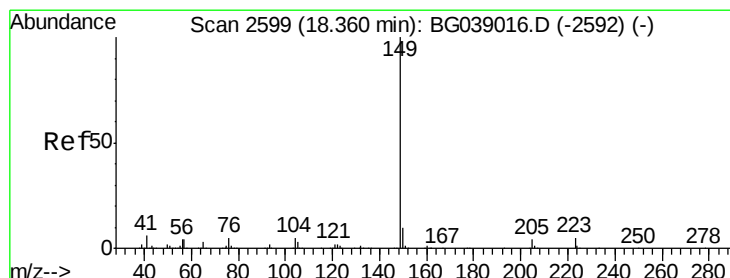
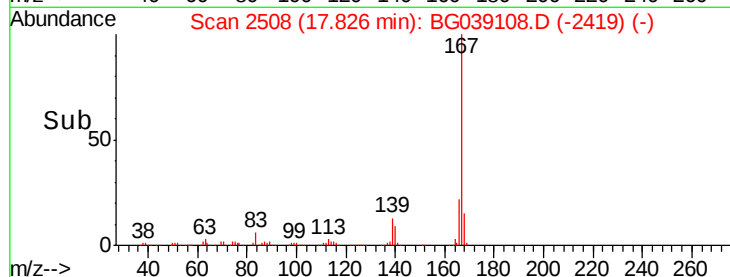
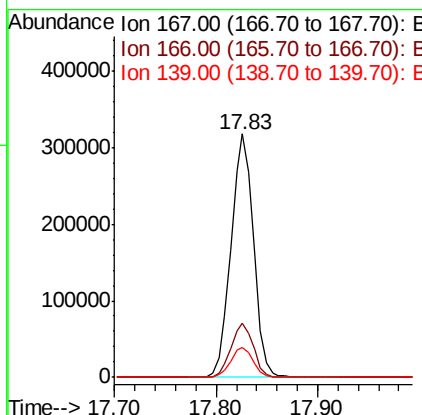
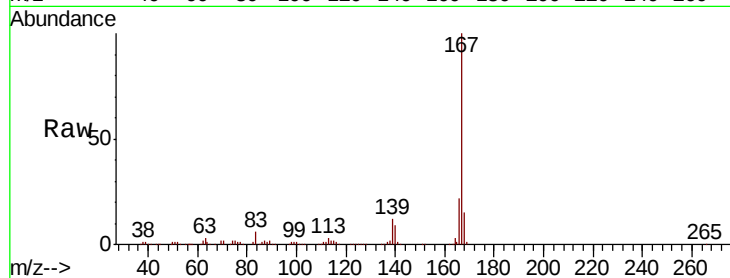




#73
 Carbazole
 Concen: 44.061 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

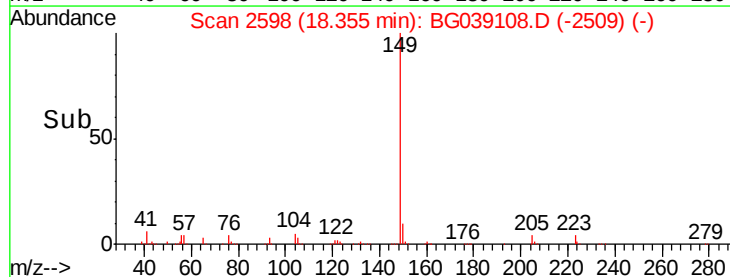
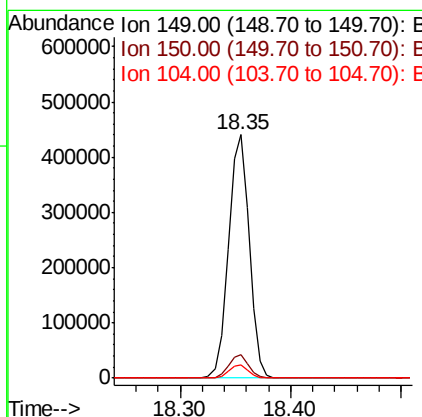
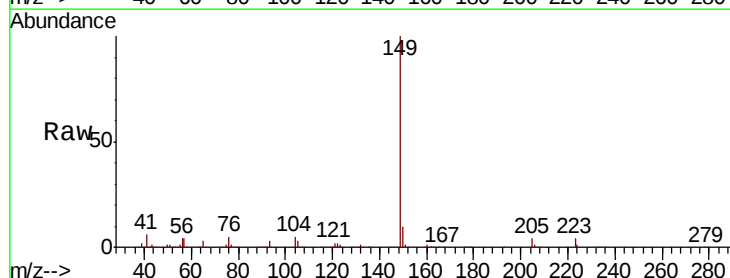
Instrument :
 BNA_G
 ClientSampleId :

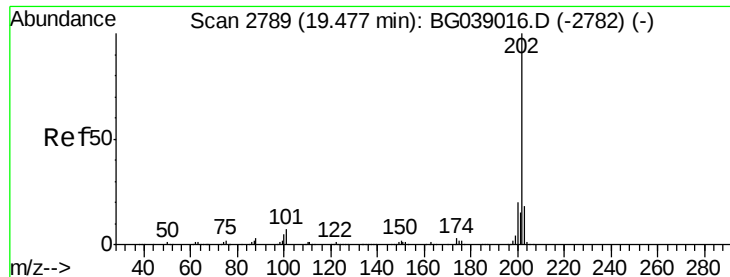
Tot Ion:167 Resp: 487874
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.9 25.3
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 46.926 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion:149 Resp: 578031
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 46.329 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

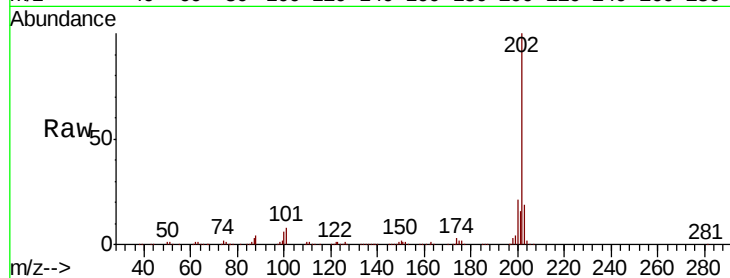
Tot Ion:202 Resp: 651543

Ion Ratio Lower Upper

202 100

101 7.7 0.0 26.9

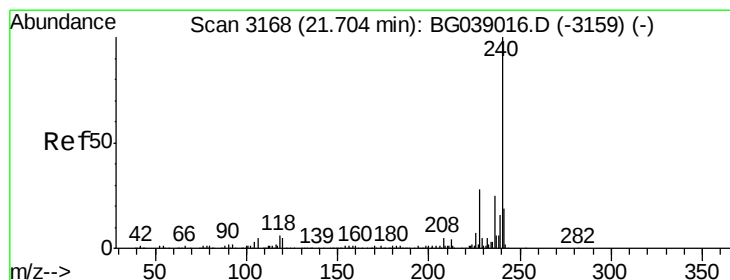
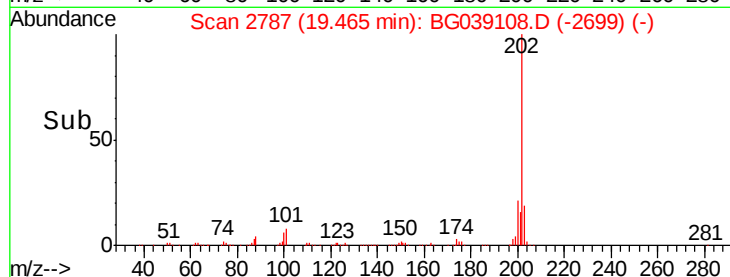
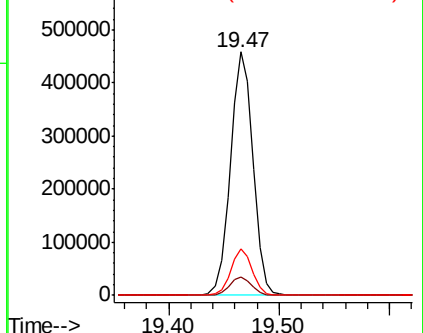
203 18.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

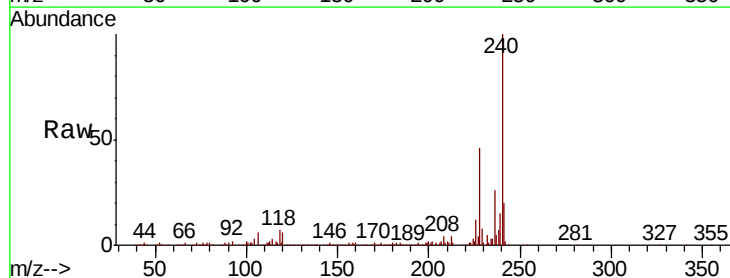
Tgt Ion:240 Resp: 207724

Ion Ratio Lower Upper

240 100

120 6.3 4.3 6.5

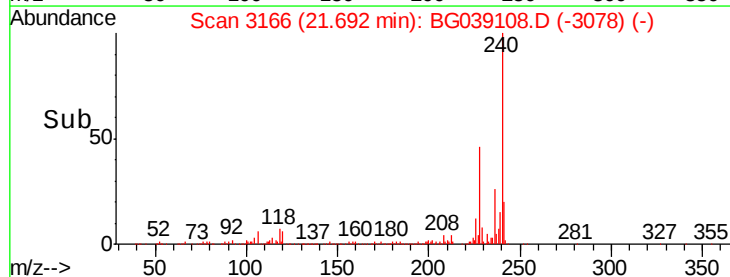
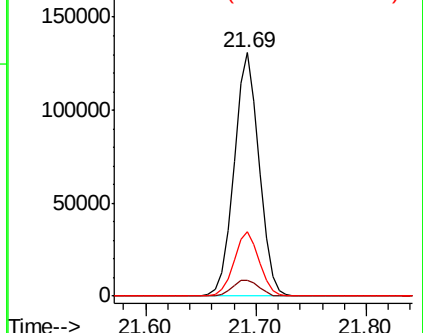
236 26.4 20.1 30.1

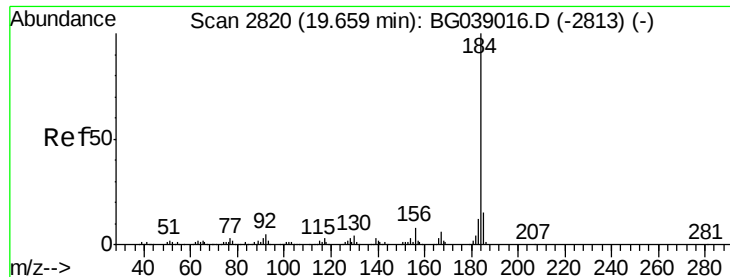


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.047 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

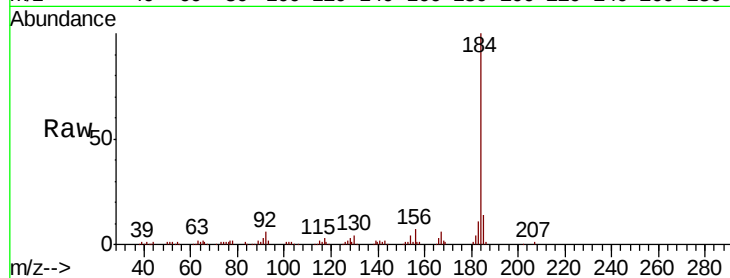
Tot Ion:184 Resp: 95603

Ion Ratio Lower Upper

184 100

185 13.9 12.1 18.1

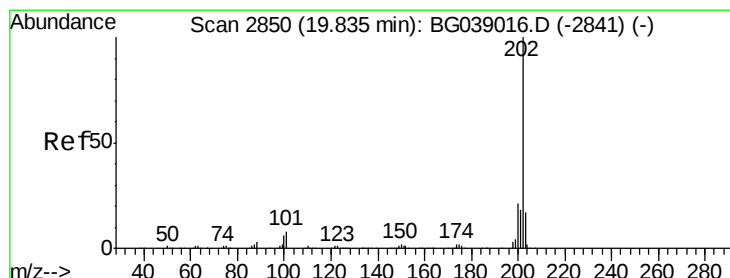
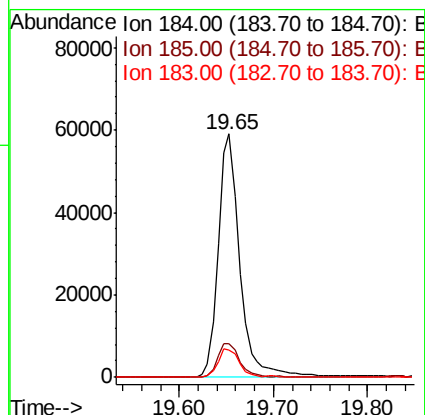
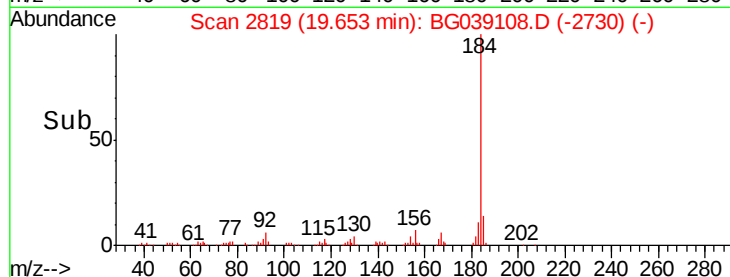
183 11.2 9.5 14.3



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: 49.709 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

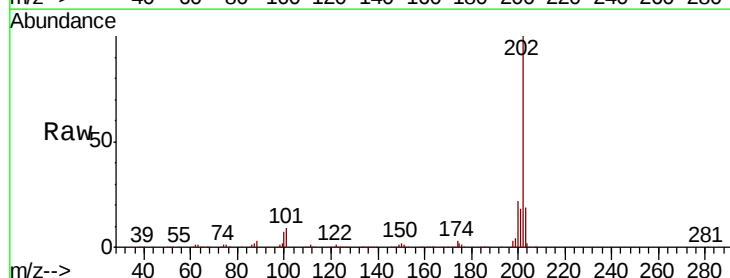
Tgt Ion:202 Resp: 658047

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

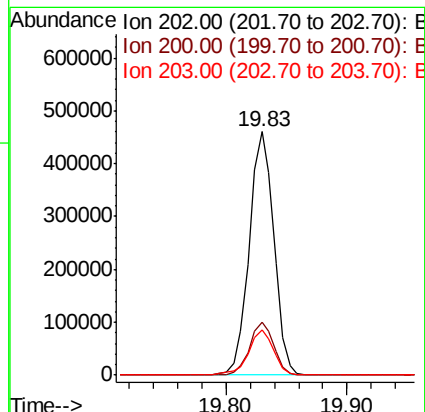
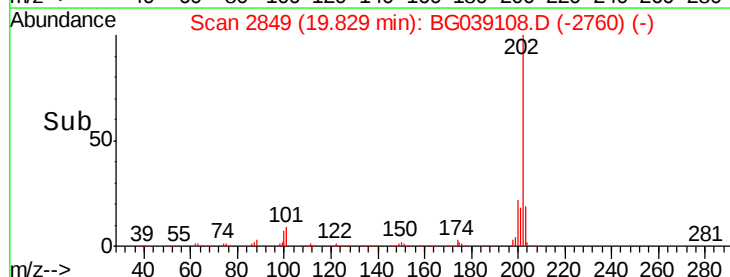
203 18.6 14.0 21.0

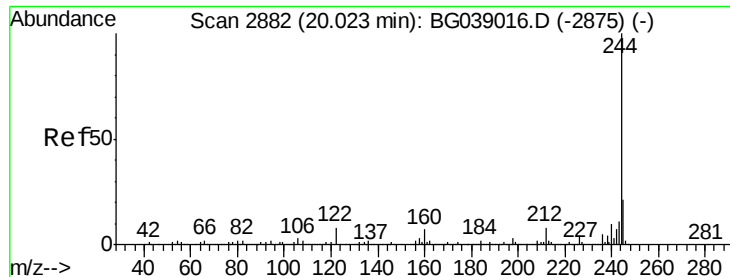


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.189 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

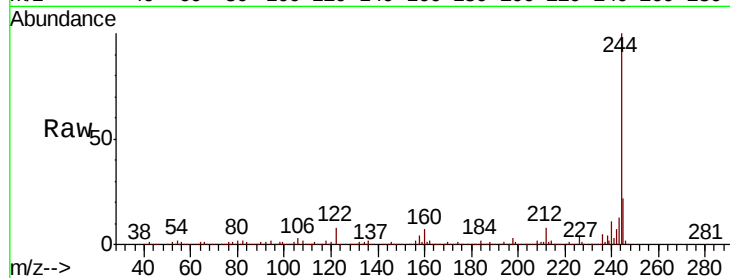
Tot Ion:244 Resp: 1080104

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

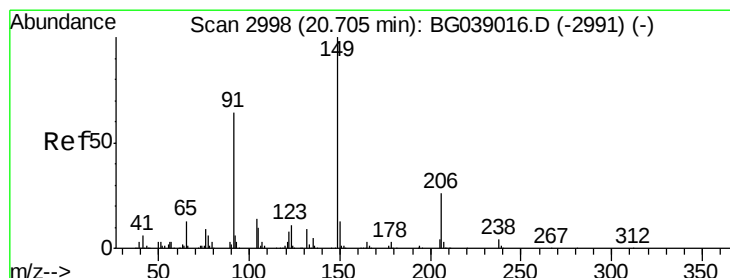
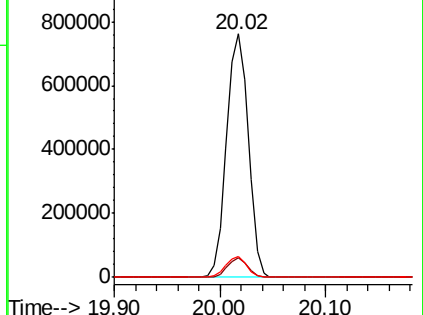
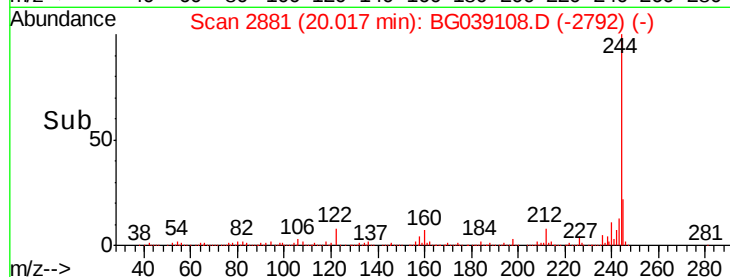
122 8.3 6.1 9.1



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: 56.908 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

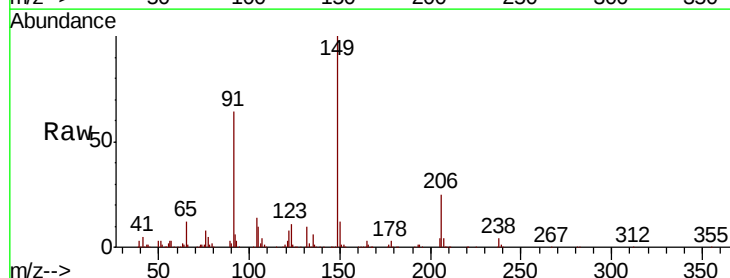
Tgt Ion:149 Resp: 286524

Ion Ratio Lower Upper

149 100

91 64.4 51.4 77.0

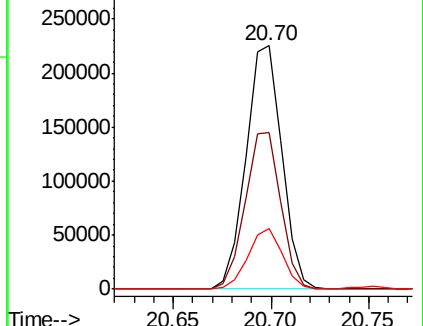
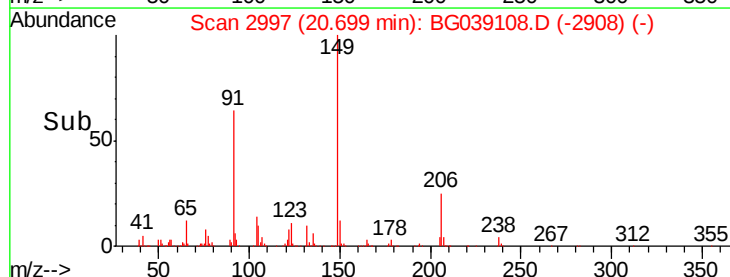
206 25.0 20.4 30.6

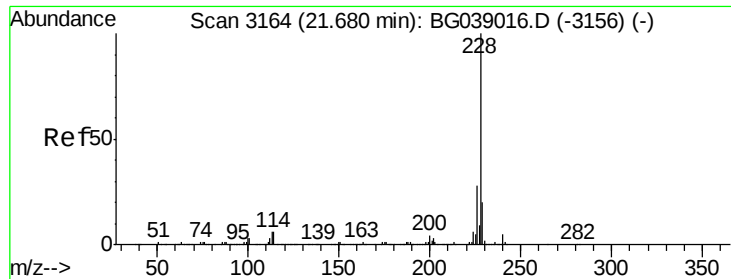


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.704 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

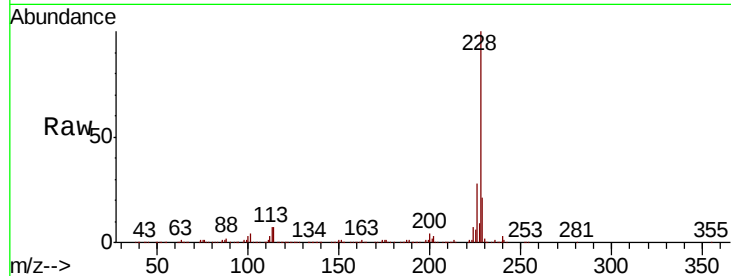
Tot Ion:228 Resp: 666449

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

229 21.1 16.2 24.2

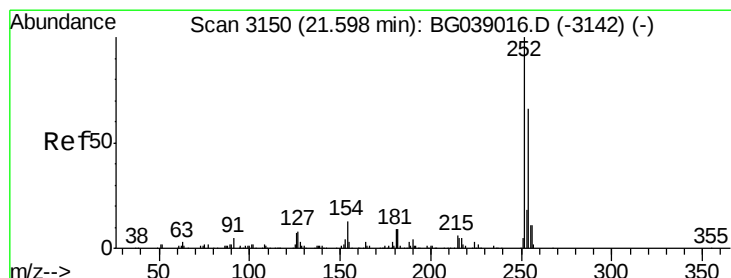
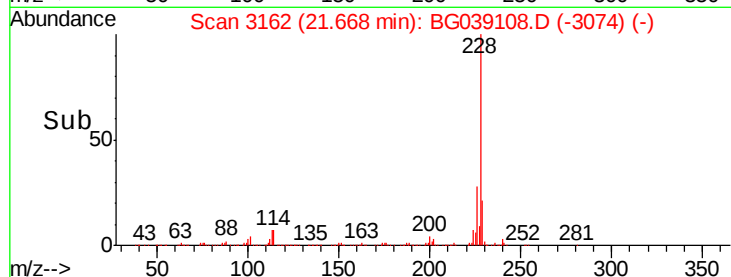
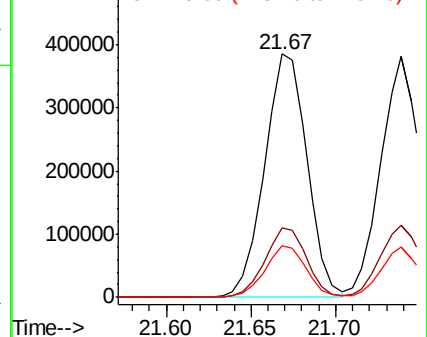


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.493 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

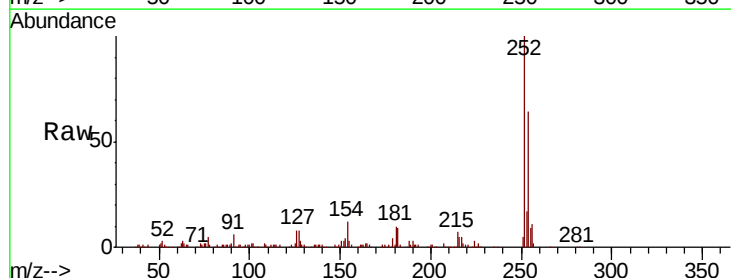
Tgt Ion:252 Resp: 126192

Ion Ratio Lower Upper

252 100

254 64.0 53.0 79.6

126 8.2 6.0 9.0

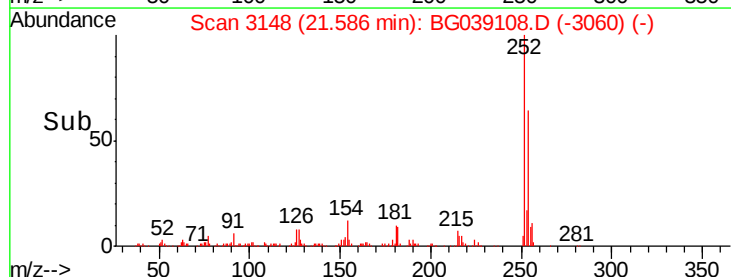
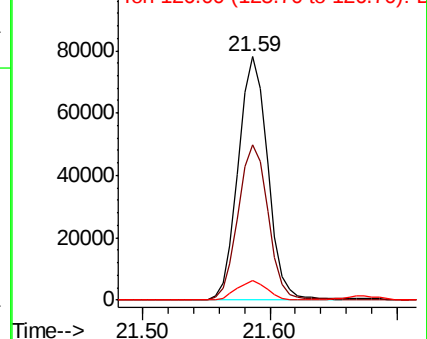


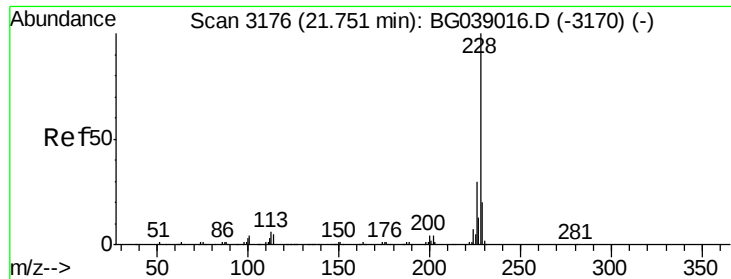
Abundance

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: 51.825 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

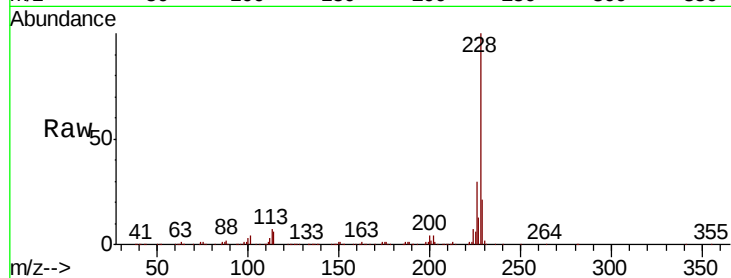
Tot Ion:228 Resp: 623282

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.7 16.0 24.0

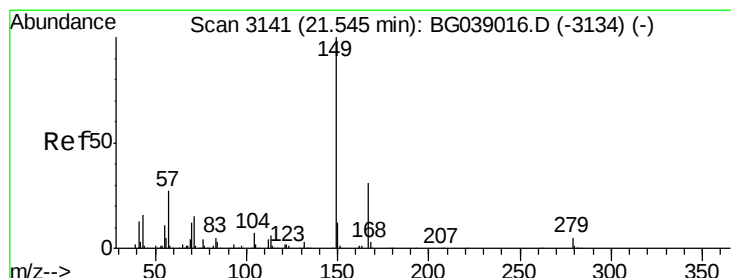
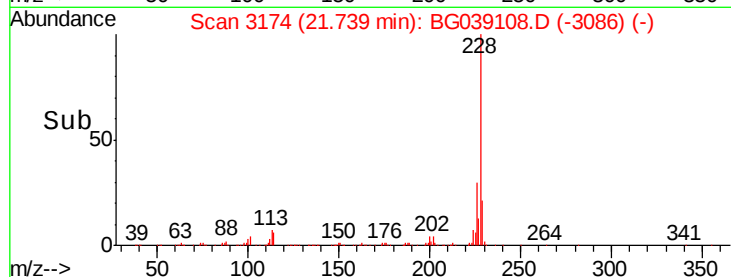
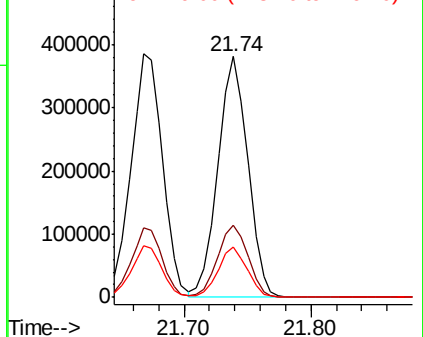


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.094 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

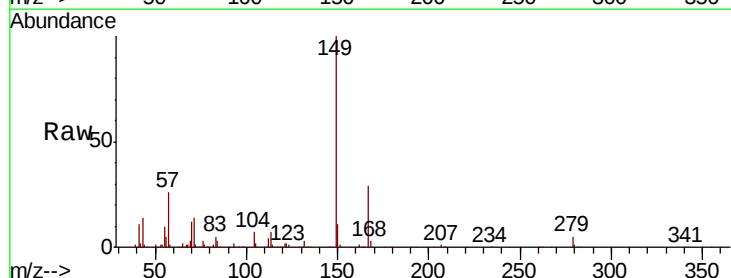
Tgt Ion:149 Resp: 392156

Ion Ratio Lower Upper

149 100

167 28.7 25.0 37.4

279 5.2 4.3 6.5

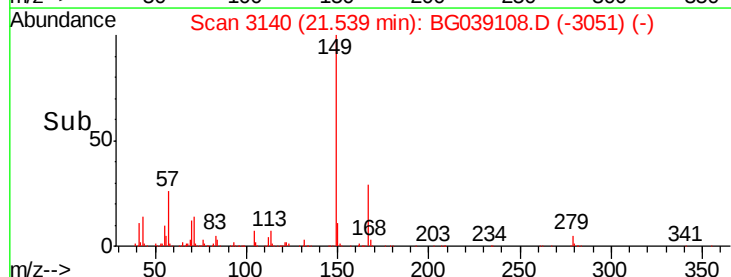
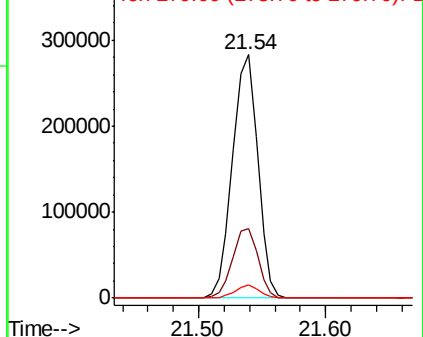


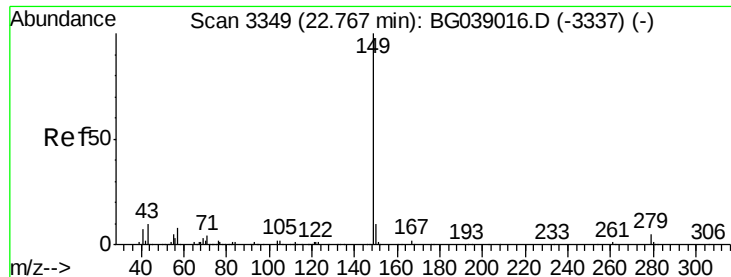
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

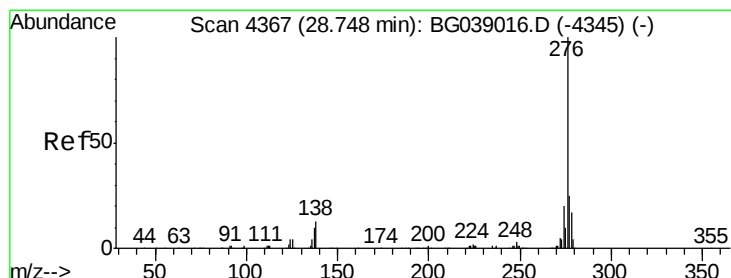
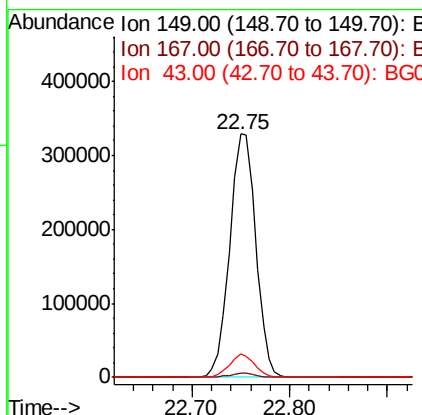
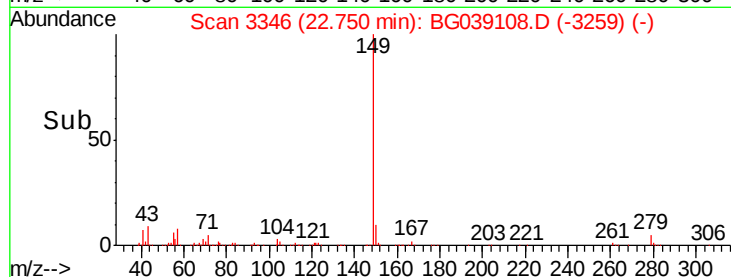
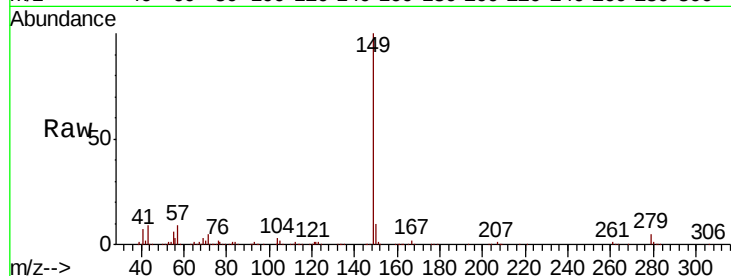




#85
Di-n-octyl phthalate
Concen: 51.618 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

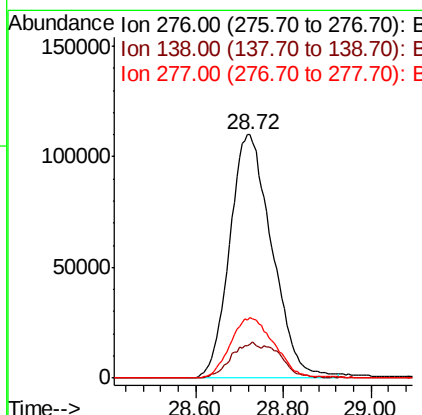
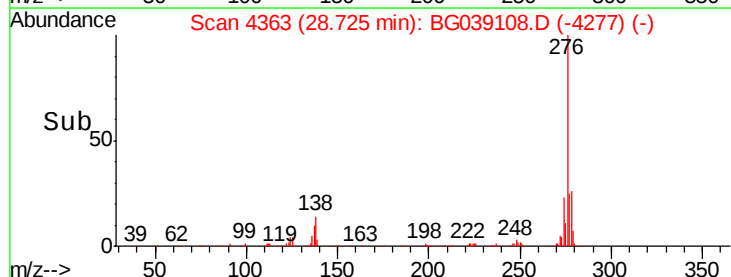
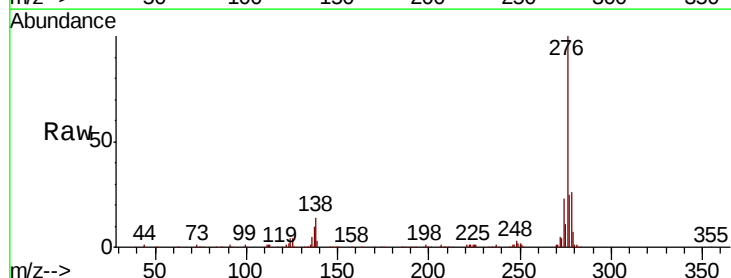
Instrument :
BNA_G
ClientSampleId :

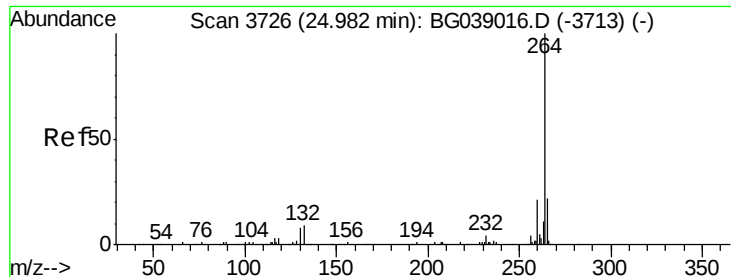
Tot Ion:149 Resp: 610191
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.342 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion:276 Resp: 723458
Ion Ratio Lower Upper
276 100
138 9.8 8.0 12.0
277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampled :

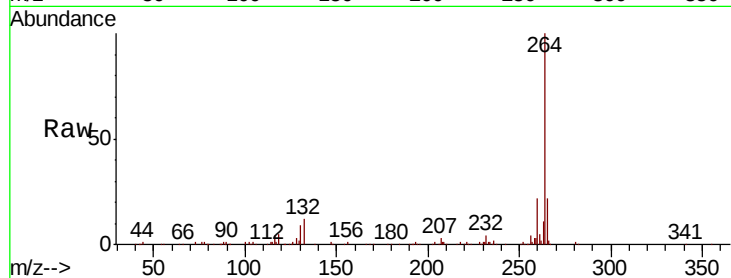
Tot Ion:264 Resp: 222485

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

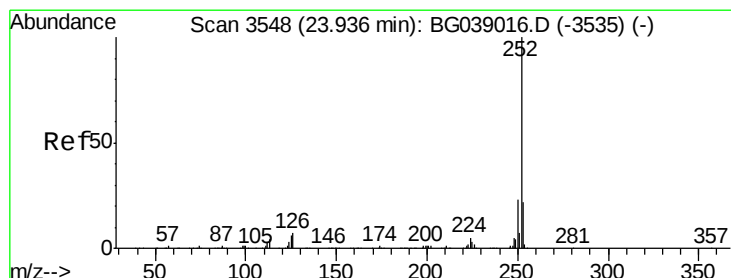
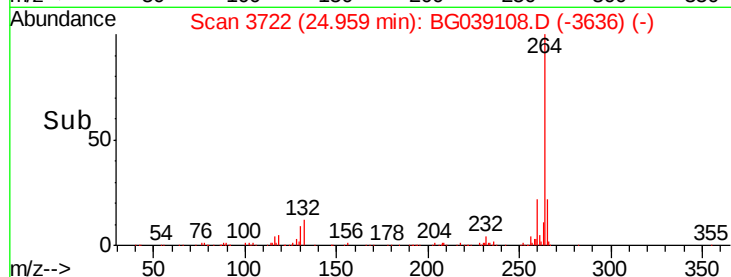
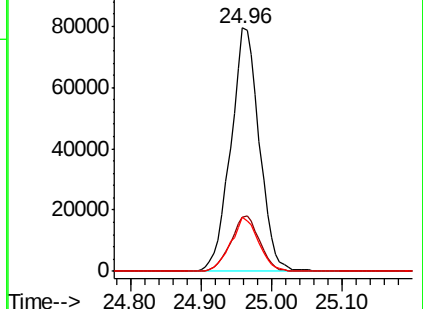
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.378 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

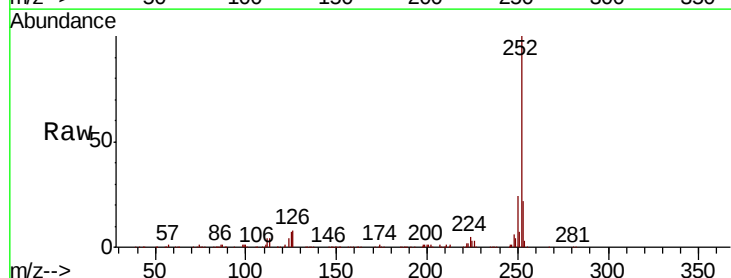
Tgt Ion:252 Resp: 642560

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

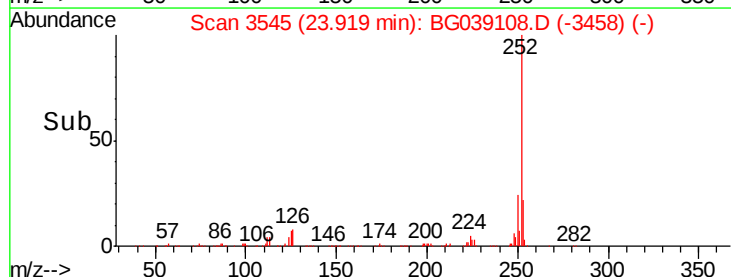
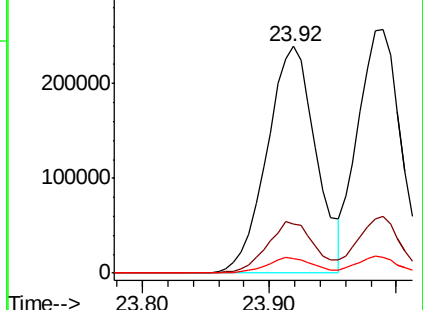
125 6.5 4.9 7.3

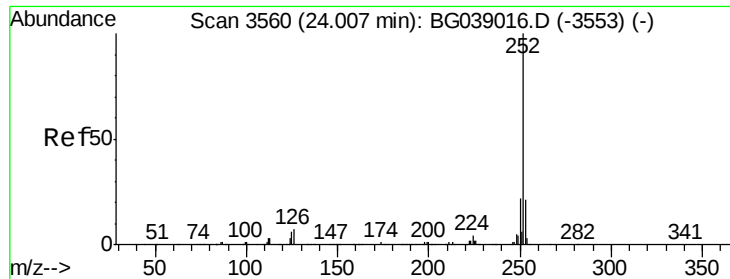


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.874 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

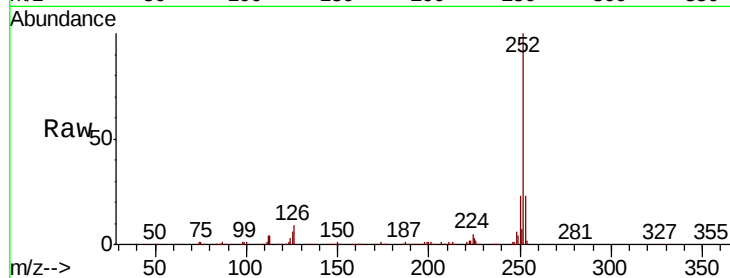
Tot Ion:252 Resp: 604948

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

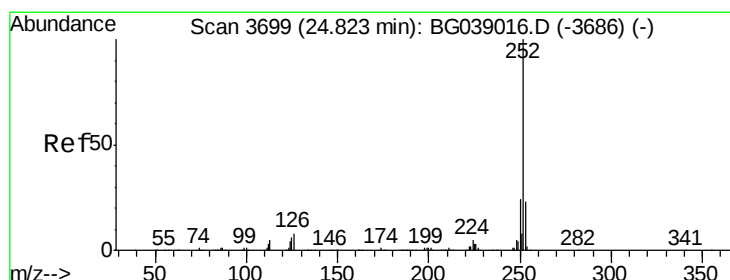
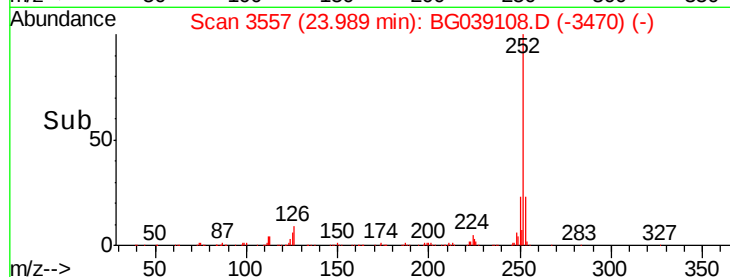
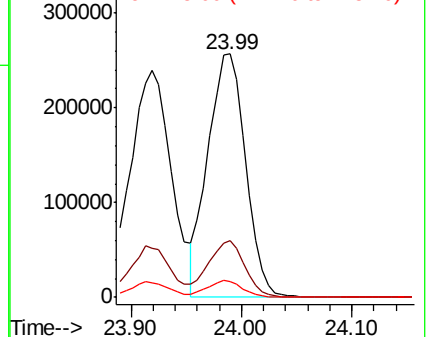
125 6.4 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.503 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

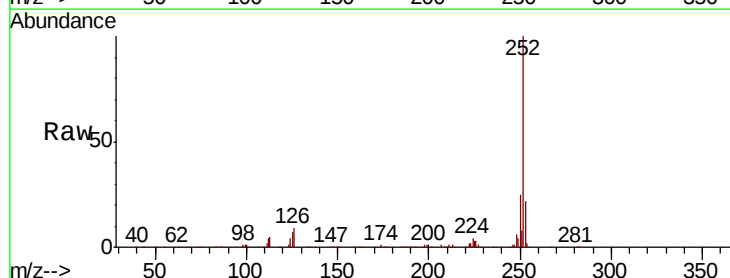
Tgt Ion:252 Resp: 634432

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

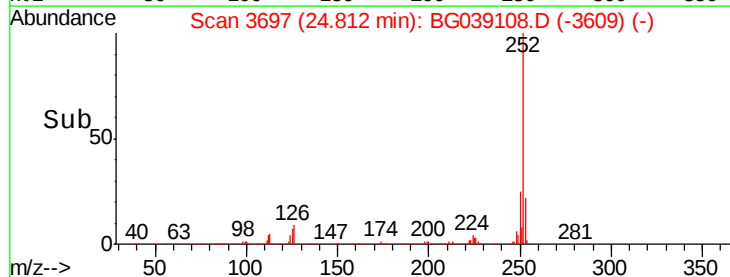
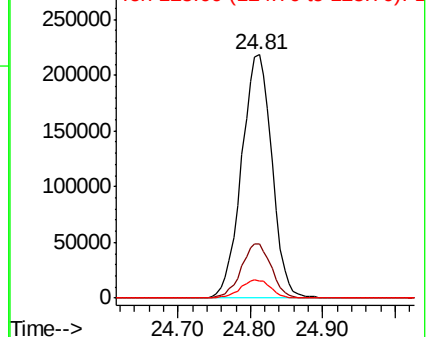
125 7.0 4.9 7.3

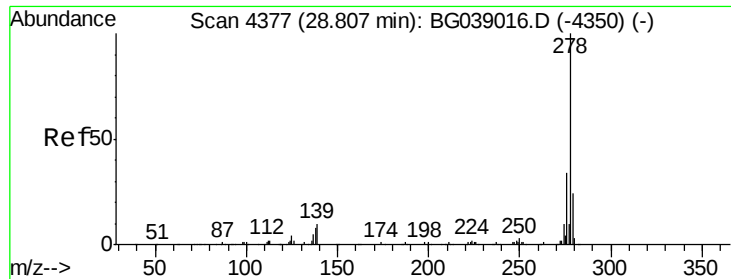


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

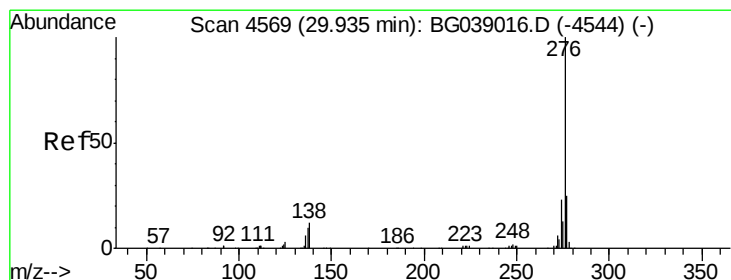
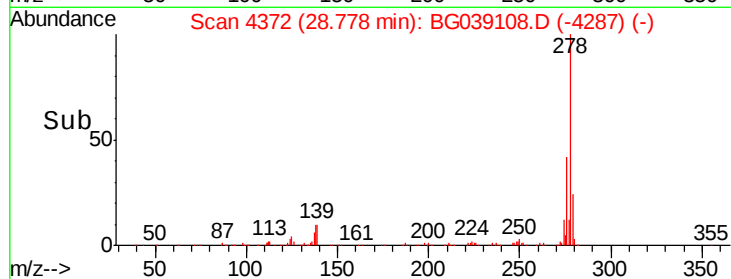
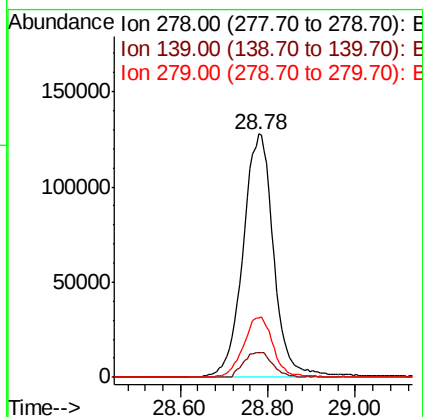
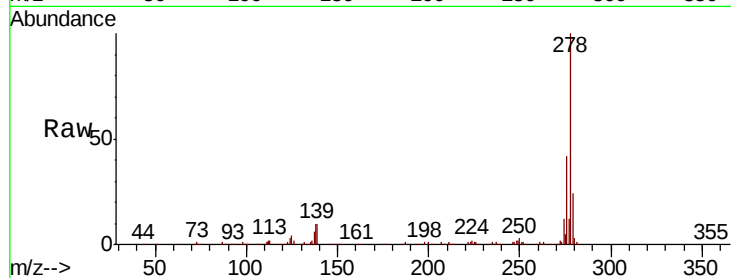




#91
Dibenzo(a,h)anthracene
Concen: 51.036 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.9	11.9
279	24.2	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 53.493 ng
RT: 29.91 min Scan# 4565
Delta R.T. -0.02 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.3	30.5
138	14.3	9.4	14.2#

