

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039072.D
 Acq On : 11 Jan 2019 3:50
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:14:01 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	28776	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	130831	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	104808	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	268247	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213205	20.00	ng	0.00
87) Perylene-d12	24.98	264	232089	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	124029	81.76	ng	0.00
7) Phenol-d6	7.19	99	193914	88.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	188841	78.98	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	150187	85.49	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	574002	74.95	ng	0.00
79) Terphenyl-d14	20.02	244	912571	79.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	20705	34.855	ng	99
3) Pyridine	3.86	79	64744	40.111	ng	98
4) n-Nitrosodimethylamine	3.79	42	29943	41.224	ng	# 93
6) Aniline	7.36	93	116278	44.351	ng	98
8) 2-Chlorophenol	7.59	128	76444	42.750	ng	98
9) Benzaldehyde	7.17	77	50135	39.822	ng	98
10) Phenol	7.22	94	98553	45.028	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	66675	39.858	ng	98
12) 1,3-Dichlorobenzene	7.91	146	86472	40.362	ng	98
13) 1,4-Dichlorobenzene	8.06	146	87894	40.508	ng	95
14) 1,2-Dichlorobenzene	8.38	146	86590	41.855	ng	94
15) Benzyl Alcohol	8.28	79	76565	46.572	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	131532	41.006	ng	99
17) 2-Methylphenol	8.48	107	69442	45.692	ng	96
18) Hexachloroethane	9.10	117	29819	40.452	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	64045	44.675	ng	95
20) 3+4-Methylphenols	8.80	107	100486	46.375	ng	96
22) Acetophenone	8.86	105	136770	40.030	ng	# 96
24) Nitrobenzene	9.25	77	93904	38.856	ng	95
25) Isophorone	9.76	82	168780	40.981	ng	99
26) 2-Nitrophenol	9.96	139	54233	41.489	ng	95
27) 2,4-Dimethylphenol	10.01	122	74842	40.696	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	98072	39.621	ng	98
29) 2,4-Dichlorophenol	10.50	162	99615	43.601	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	108470	39.514	ng	96
31) Naphthalene	10.90	128	259191	39.500	ng	98
32) Benzoic acid	10.19	122	49503	44.600	ng	96
33) 4-Chloroaniline	11.01	127	126394	43.048	ng	98
34) Hexachlorobutadiene	11.15	225	73589	38.959	ng	98
35) Caprolactam	11.82	113	41386	45.174	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	110705	45.304	ng	95
37) 2-Methylnaphthalene	12.50	142	202700	41.203	ng	99
38) 1-Methylnaphthalene	12.72	142	198375	42.011	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	150960	38.352	ng	99

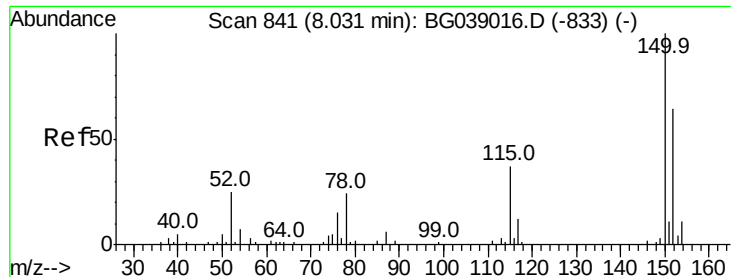
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039072.D
 Acq On : 11 Jan 2019 3:50
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:14:01 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	63327	32.253	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	103263	41.683	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	112147	42.832	ng	96
46) 1,1'-Biphenyl	13.50	154	317922	38.282	ng	98
47) 2-Chloronaphthalene	13.55	162	259564	38.623	ng	99
48) 2-Nitroaniline	13.77	65	78717	41.810	ng	94
49) Acenaphthylene	14.40	152	394185	39.023	ng	99
50) Dimethylphthalate	14.13	163	347786	39.268	ng	99
51) 2,6-Dinitrotoluene	14.26	165	80123	40.463	ng	98
52) Acenaphthene	14.74	154	238944	39.371	ng	96
53) 3-Nitroaniline	14.60	138	82200	40.921	ng	98
54) 2,4-Dinitrophenol	14.80	184	31776	30.420	ng	94
55) Dibenzofuran	15.07	168	422577	39.424	ng	99
56) 4-Nitrophenol	14.90	139	53525	37.033	ng	94
57) 2,4-Dinitrotoluene	15.04	165	114476	40.296	ng	# 98
58) Fluorene	15.72	166	324841	40.262	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	107677	43.566	ng	97
60) Diethylphthalate	15.47	149	366699	40.185	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	206013	40.530	ng	98
62) 4-Nitroaniline	15.76	138	81345	38.873	ng	97
63) Azobenzene	16.00	77	284400	39.854	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	62396	31.397	ng	92
66) n-Nitrosodiphenylamine	15.93	169	323052	40.624	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	144932	42.031	ng	97
68) Hexachlorobenzene	16.72	284	154361	41.025	ng	95
69) Atrazine	16.87	200	132264	39.152	ng	95
70) Pentachlorophenol	17.07	266	70586	33.961	ng	93
71) Phenanthrene	17.46	178	544361	38.393	ng	100
72) Anthracene	17.55	178	542105	38.669	ng	99
73) Carbazole	17.83	167	490701	35.457	ng	99
74) Di-n-butylphthalate	18.36	149	568301	36.913	ng	99
75) Fluoranthene	19.47	202	570732	32.470	ng	100
77) Benzidine	19.66	184	228128	34.983	ng	99
78) Pyrene	19.83	202	554981	40.846	ng	99
80) Butylbenzylphthalate	20.70	149	200332	38.766	ng	98
81) Benzo(a)anthracene	21.68	228	517108	39.842	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	216735	40.985	ng	98
83) Chrysene	21.75	228	485393	39.322	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	288233	40.169	ng	97
85) Di-n-octyl phthalate	22.76	149	485538	40.018	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	600563	40.716	ng	99
88) Benzo(b)fluoranthene	23.93	252	507765	39.677	ng	100
89) Benzo(k)fluoranthene	23.99	252	519461	41.054	ng	100
90) Benzo(a)pyrene	24.82	252	502624	40.634	ng	97
91) Dibenzo(a,h)anthracene	28.80	278	501335	40.747	ng	98
92) Benzo(g,h,i)perylene	29.92	276	487870	40.053	ng	94

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

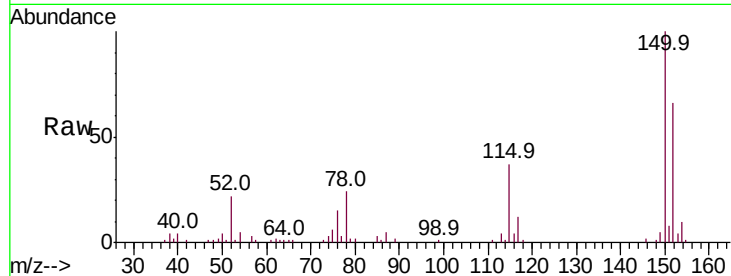


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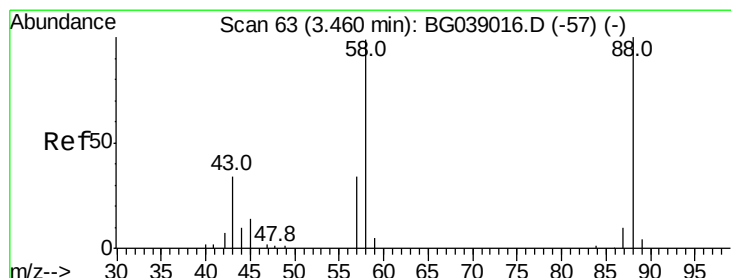
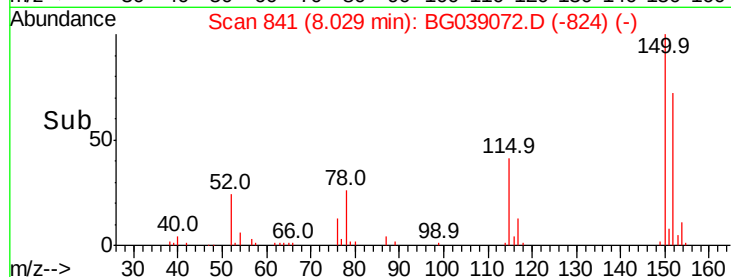
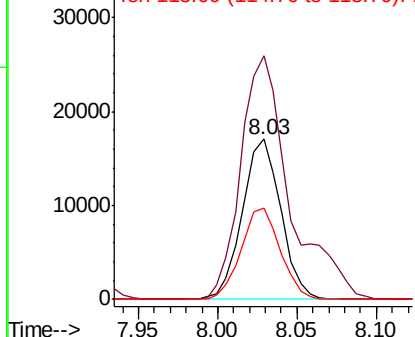
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28776
Ion Ratio Lower Upper
152 100
150 152.3 124.7 187.1
115 56.8 46.5 69.7



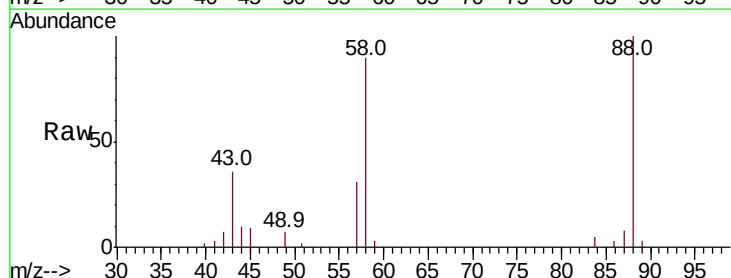
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



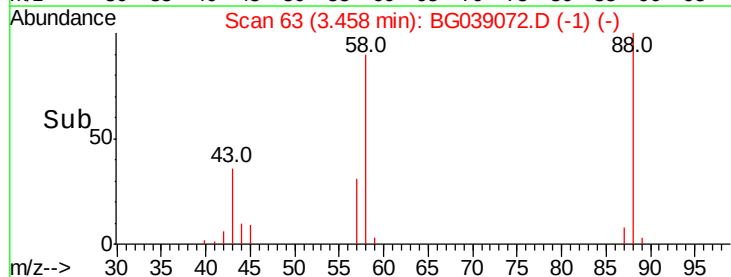
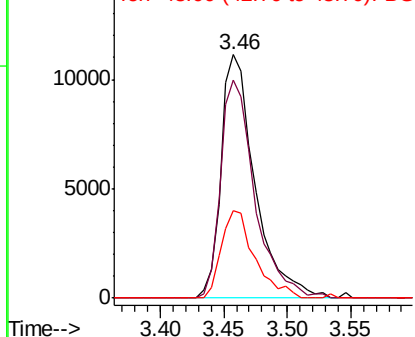
#2

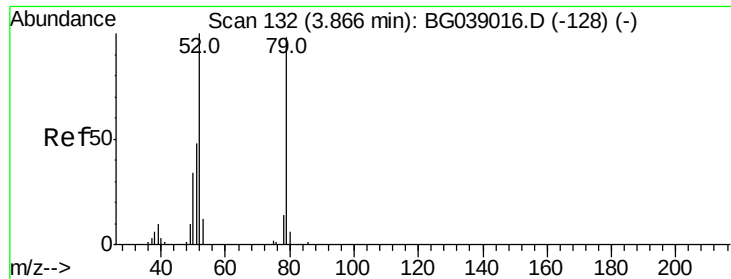
1,4-Dioxane
Concen: 34.855 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion: 88 Resp: 20705
Ion Ratio Lower Upper
88 100
58 89.9 72.4 108.6
43 35.2 27.6 41.4



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





#3

Pvridine

Concen: 40.111 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

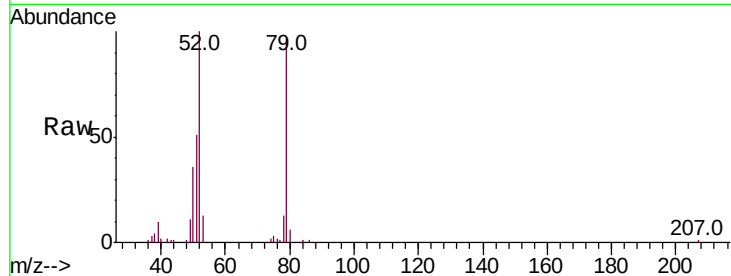
Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :



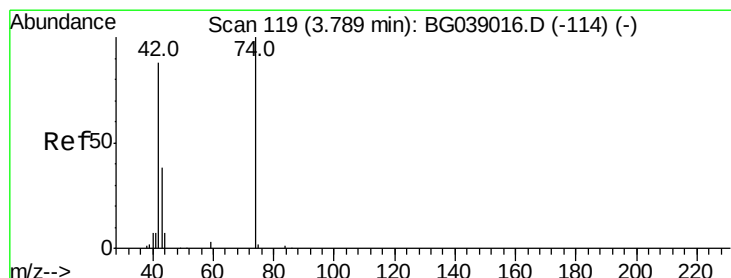
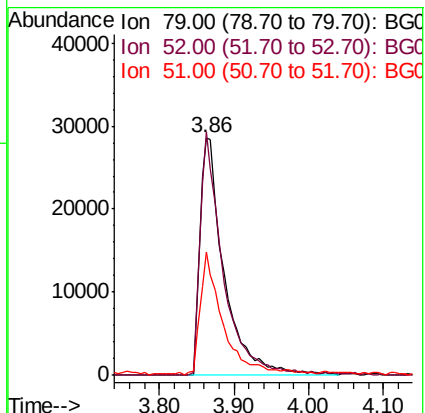
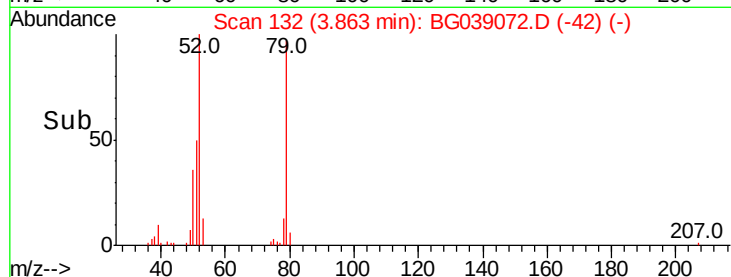
Tot Ion: 79 Resp: 64744

Ion Ratio Lower Upper

79 100

52 102.6 81.5 122.3

51 52.2 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 41.224 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

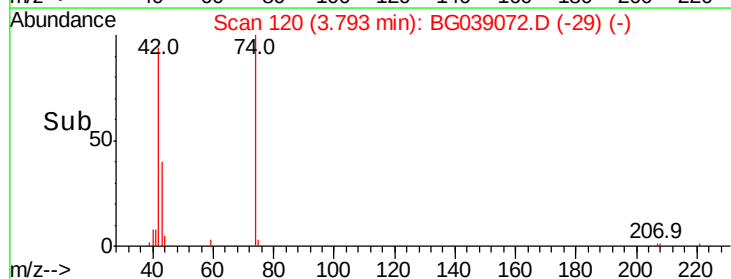
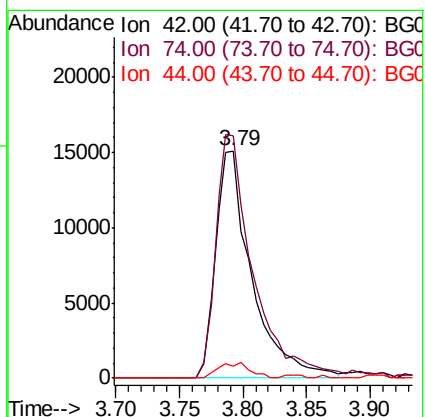
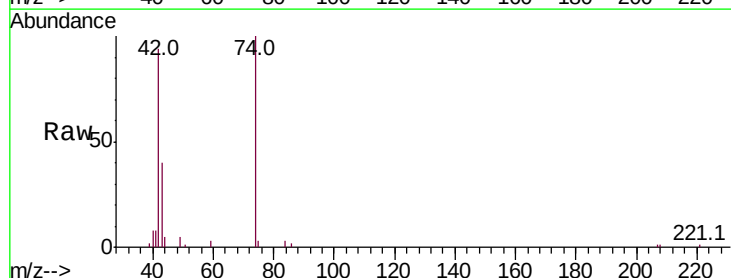
Tgt Ion: 42 Resp: 29943

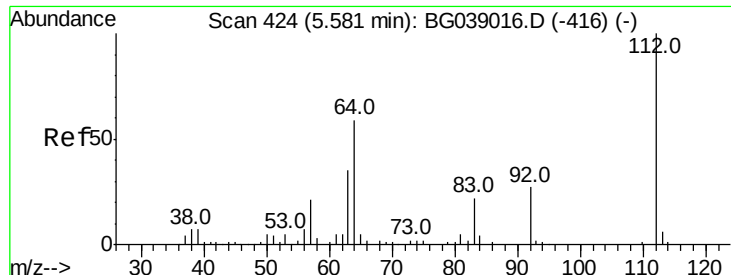
Ion Ratio Lower Upper

42 100

74 106.4 90.7 136.1

44 5.4 6.5 9.7#





#5

2-Fluorophenol

Concen: 81.763 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

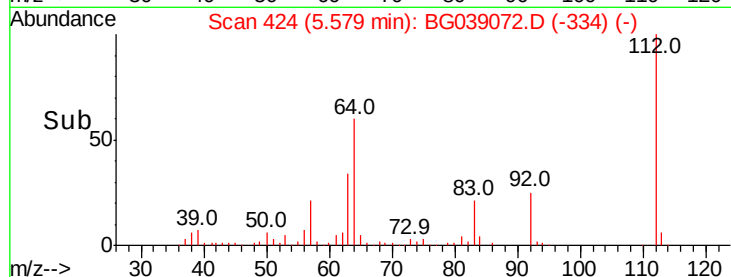
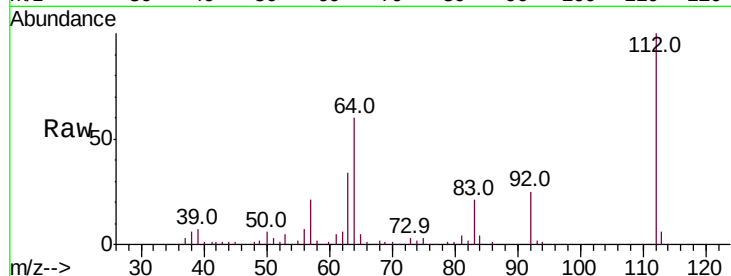
Tot Ion:112 Resp: 124029

Ion Ratio Lower Upper

112 100

64 59.9 47.0 70.6

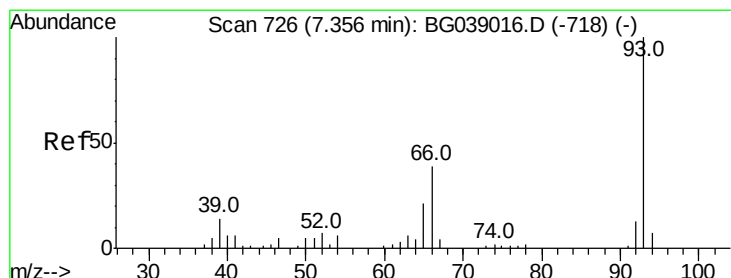
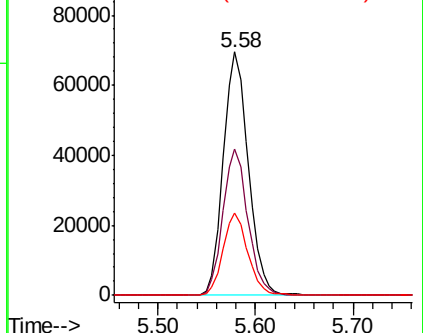
63 34.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 44.351 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

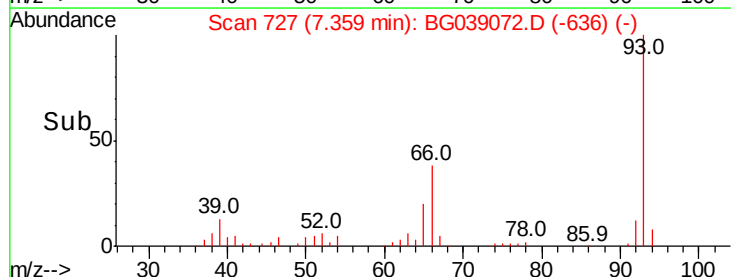
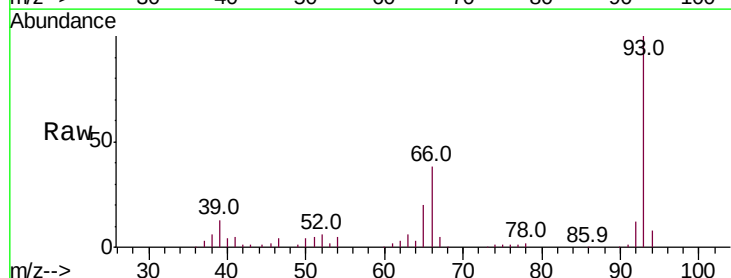
Tgt Ion: 93 Resp: 116278

Ion Ratio Lower Upper

93 100

66 37.8 30.9 46.3

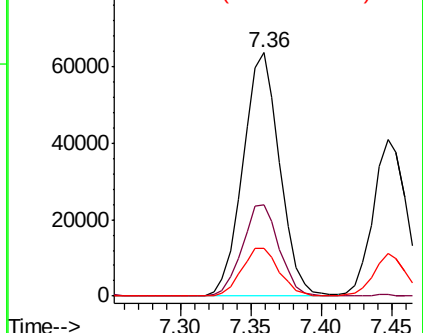
65 19.9 17.0 25.4

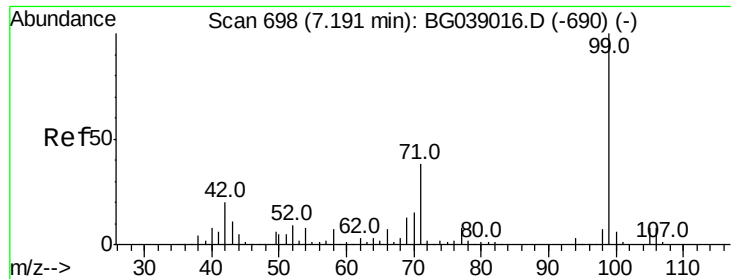


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.826 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

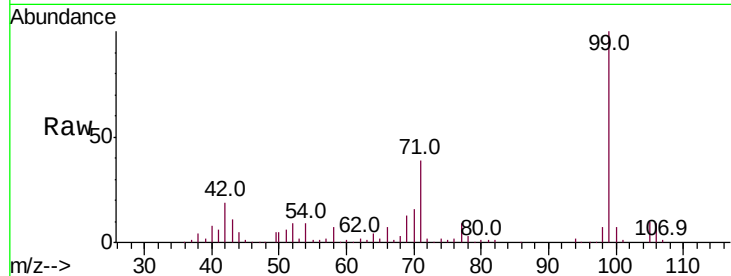
Tot Ion: 99 Resp: 193914

Ion Ratio Lower Upper

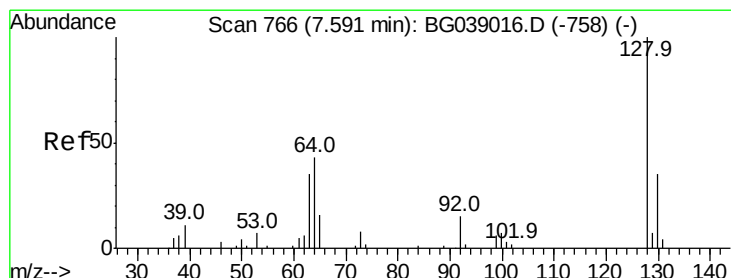
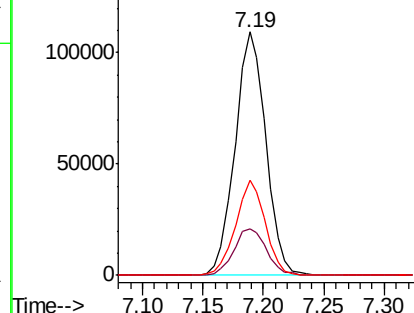
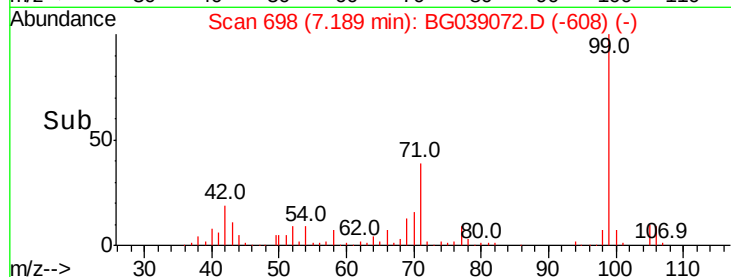
99 100

42 19.1 15.8 23.6

71 39.0 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: 42.750 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

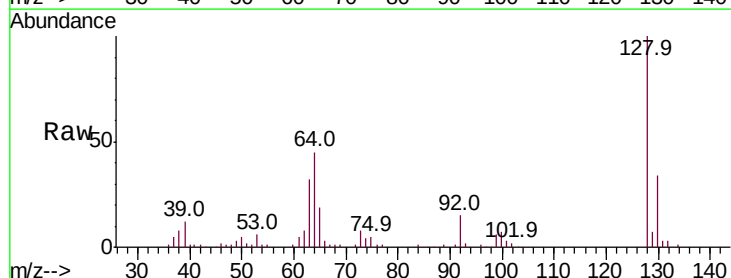
Tgt Ion: 128 Resp: 76444

Ion Ratio Lower Upper

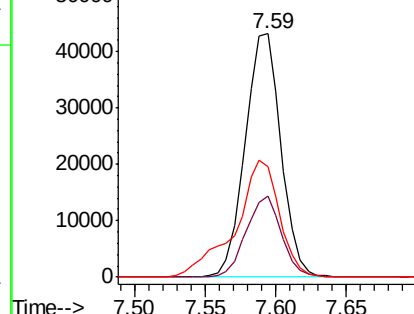
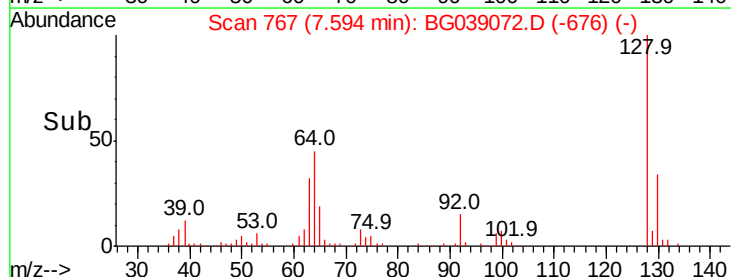
128 100

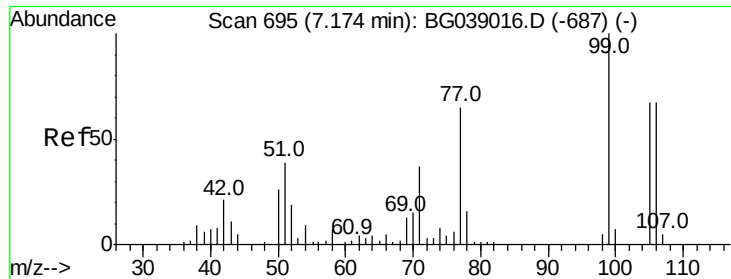
130 33.5 14.5 54.5

64 45.4 27.3 67.3



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





#9

Benzaldehyde

Concen: 39.822 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

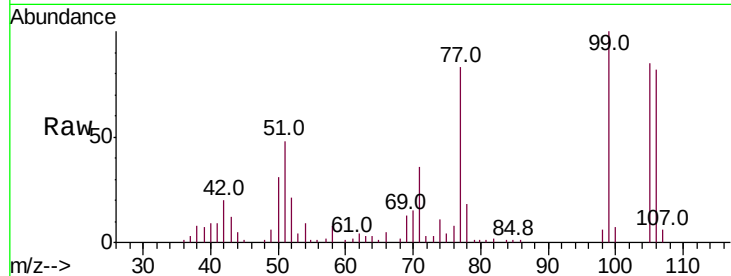
Tot Ion: 77 Resp: 50135

Ion Ratio Lower Upper

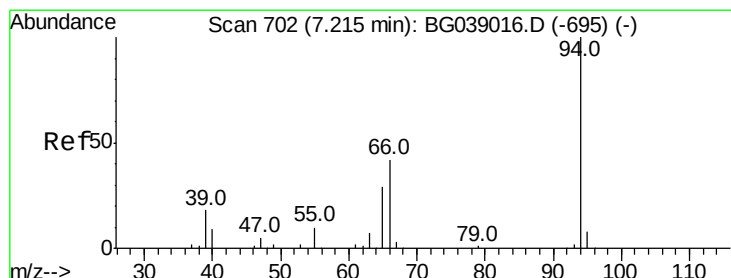
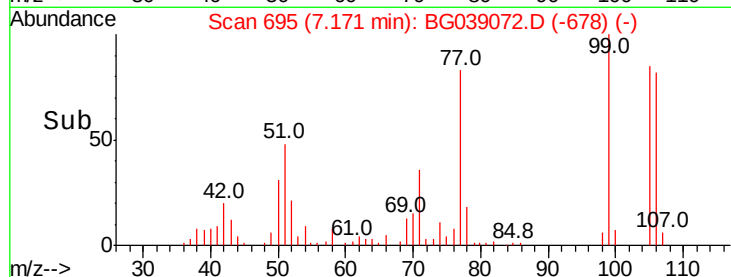
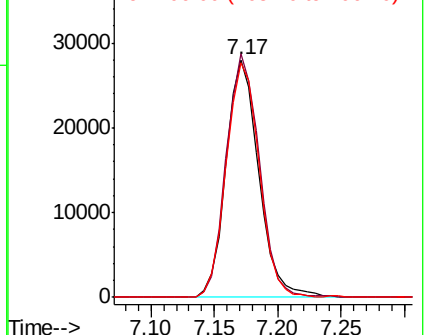
77 100

105 102.6 82.4 122.4

106 98.7 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: 45.028 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

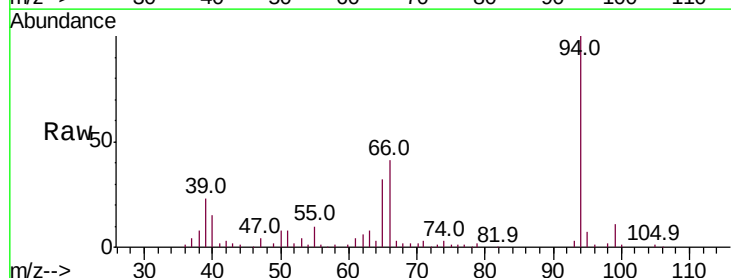
Tgt Ion: 94 Resp: 98553

Ion Ratio Lower Upper

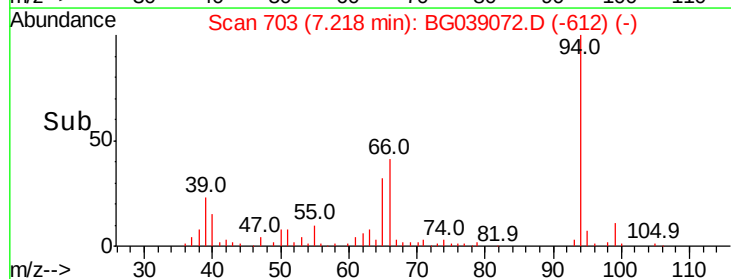
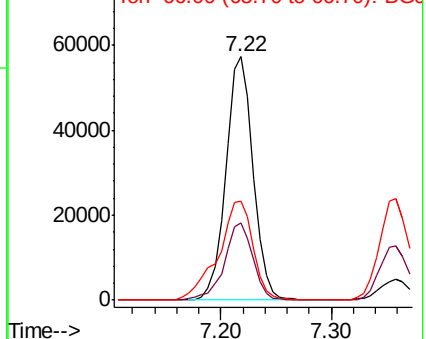
94 100

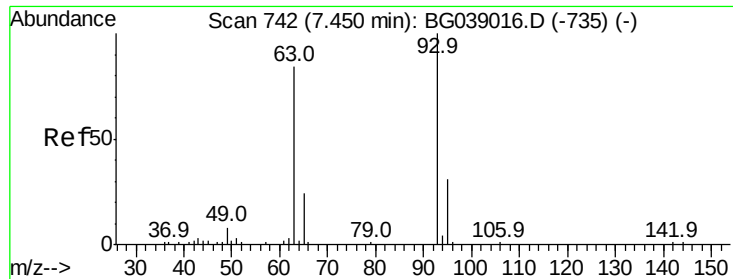
65 31.8 10.3 50.3

66 40.9 25.1 65.1



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

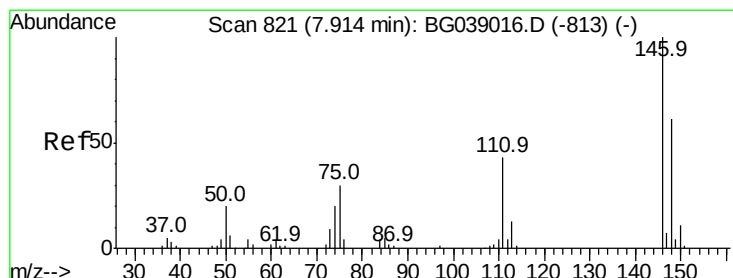
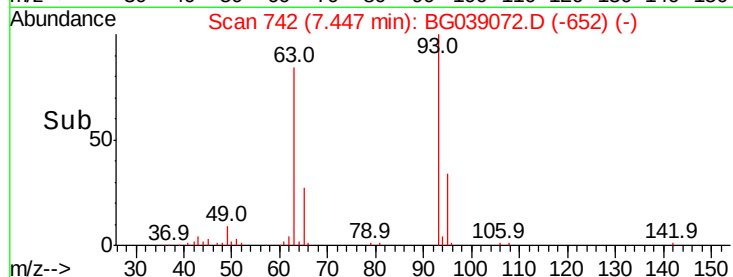
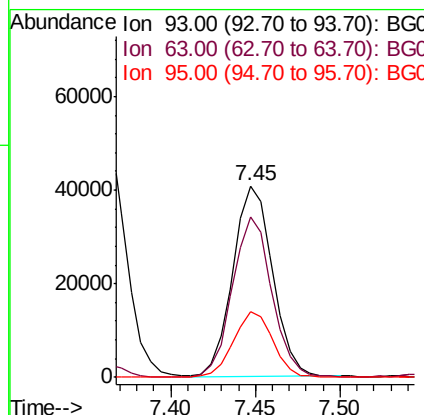
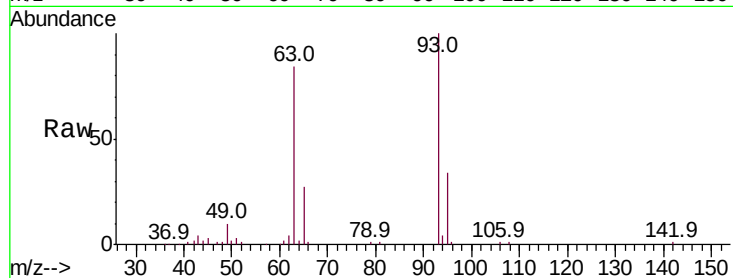




#11
 bis(2-Chloroethyl)ether
 Concen: 39.858 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

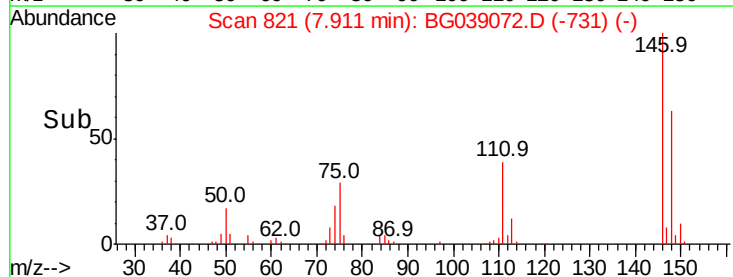
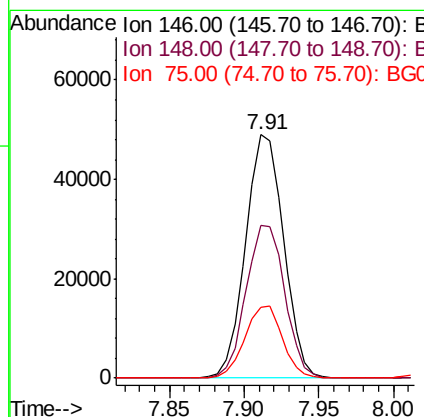
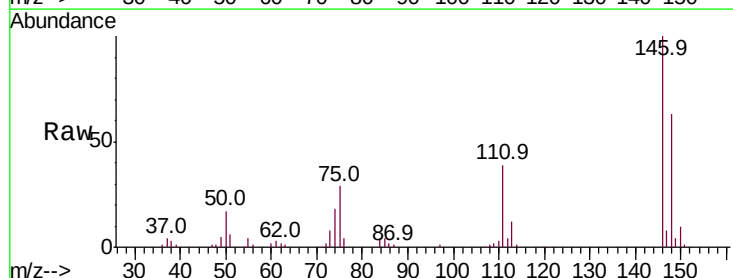
Instrument :
 BNA_G
 ClientSampleId :

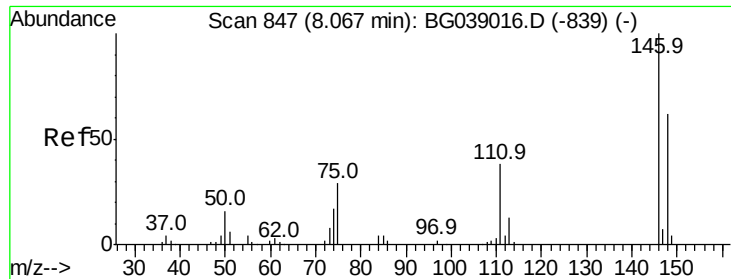
Tot Ion: 93 Resp: 66675
 Ion Ratio Lower Upper
 93 100
 63 83.6 63.2 103.2
 95 34.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 40.362 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion: 146 Resp: 86472
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.1 73.7
 75 29.3 23.9 35.9

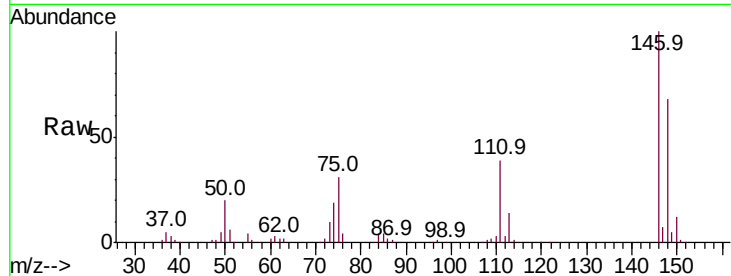




#13
 1,4-Dichlorobenzene
 Concen: 40.508 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.4	49.8	74.6
111	38.9	30.6	45.8

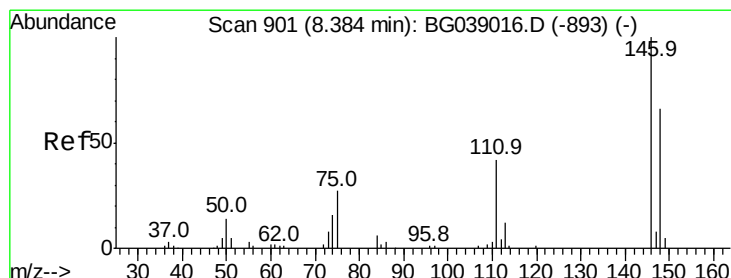
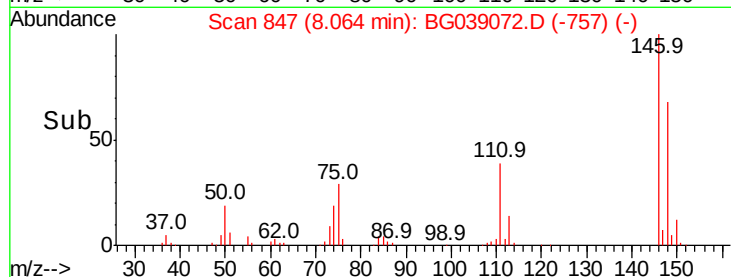
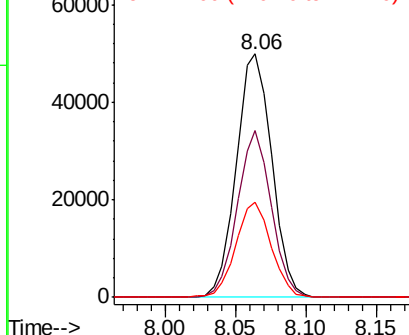


Abundance

Ion 146.00 (145.70 to 146.70): E

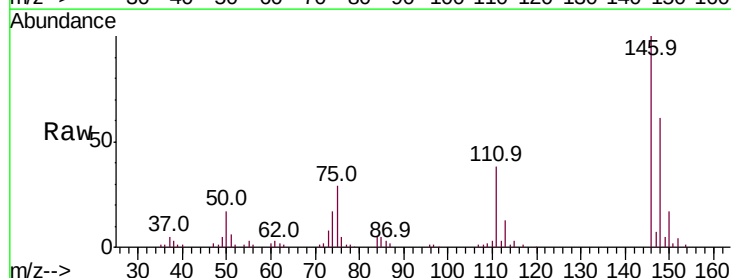
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.855 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.6	79.0
111	38.5	34.6	51.8

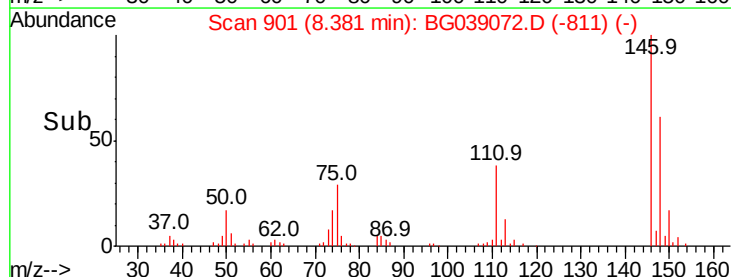
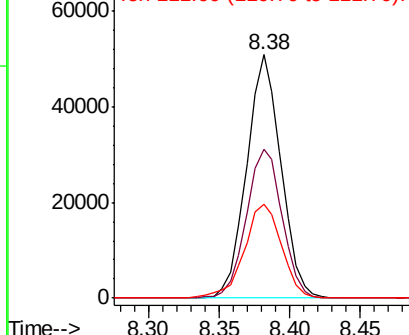


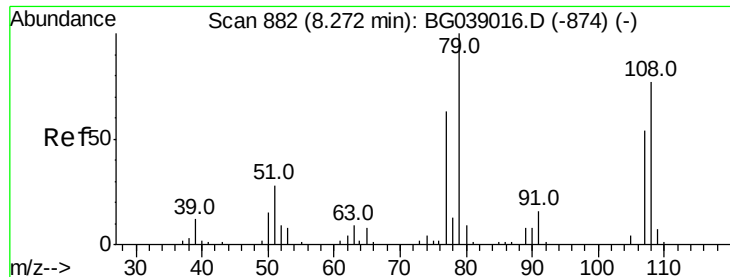
Abundance

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: 46.572 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

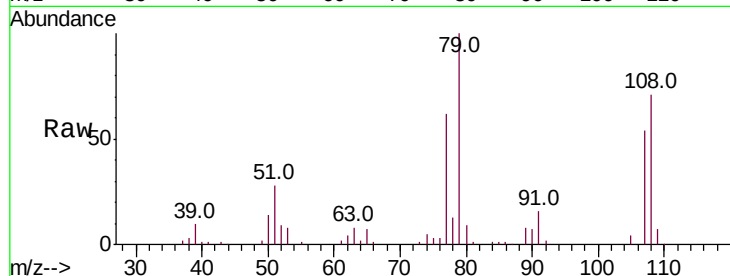
Tot Ion: 79 Resp: 76565

Ion Ratio Lower Upper

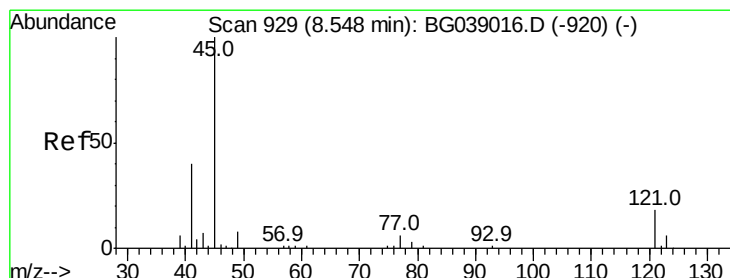
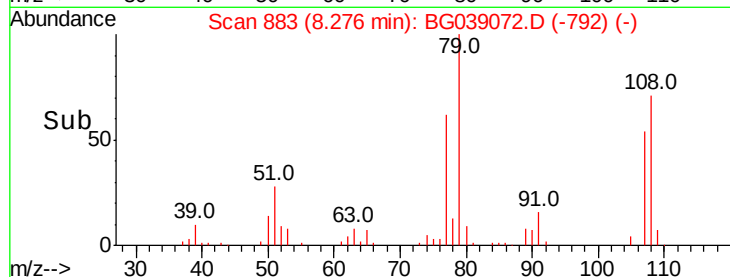
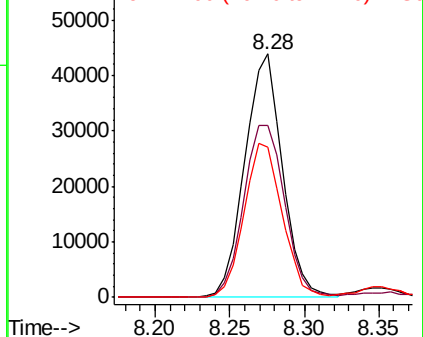
79 100

108 70.7 62.0 93.0

77 61.7 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: 41.006 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

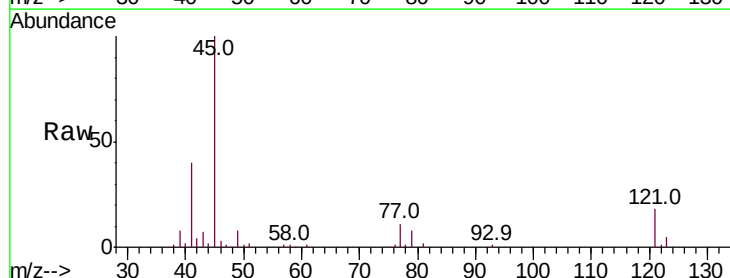
Tgt Ion: 45 Resp: 131532

Ion Ratio Lower Upper

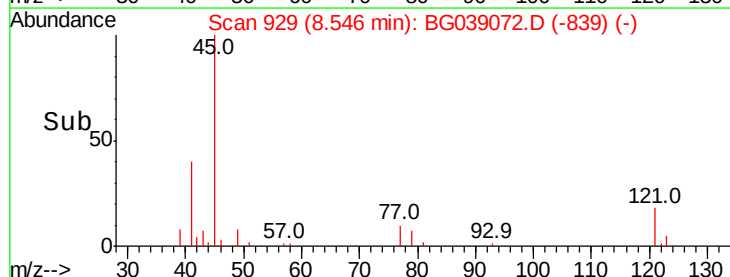
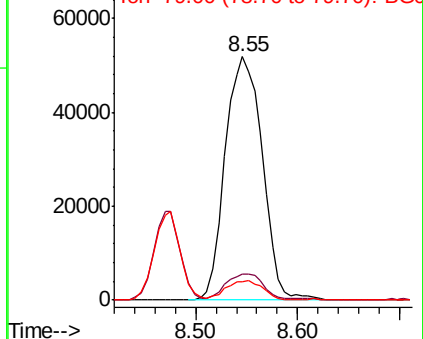
45 100

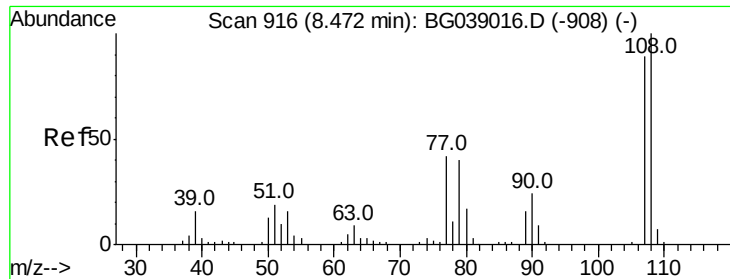
77 10.7 0.0 30.7

79 7.6 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

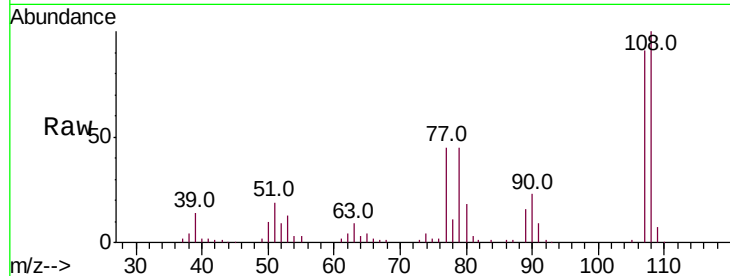




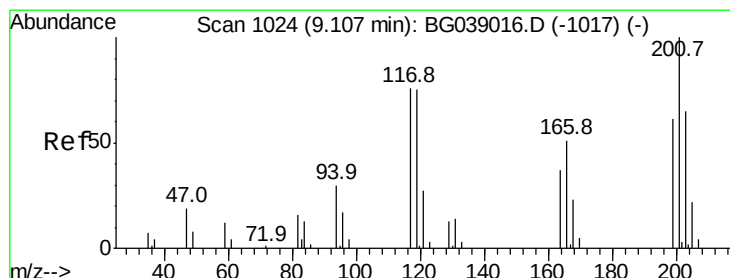
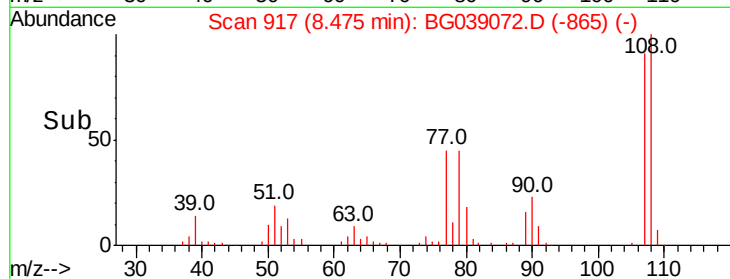
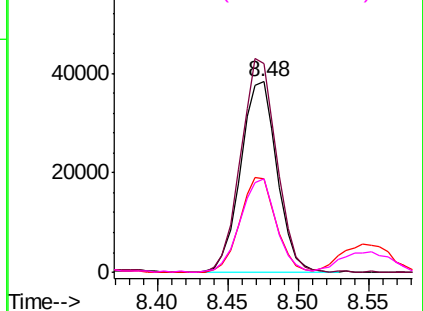
#17
2-Methylphenol
Concen: 45.692 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 69442
Ion Ratio Lower Upper
107 100
108 109.8 90.3 135.5
77 49.3 38.3 57.5
79 49.3 35.8 53.6

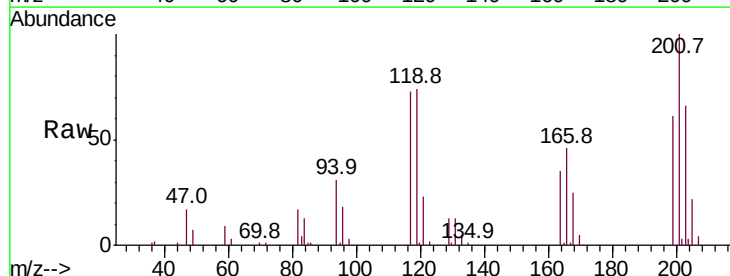


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

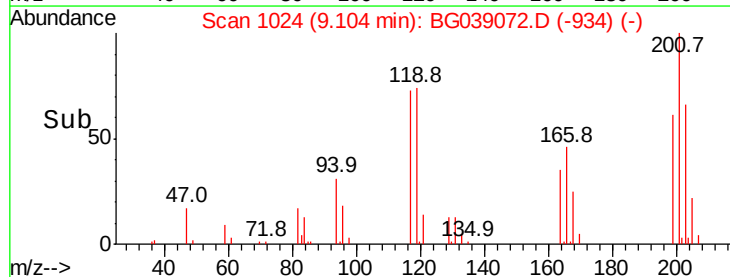
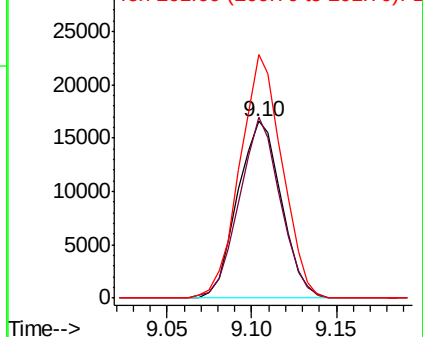


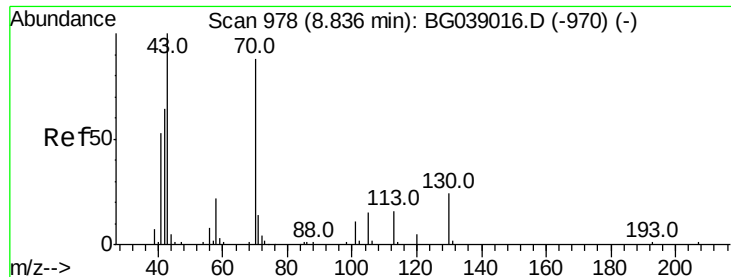
#18
Hexachloroethane
Concen: 40.452 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:117 Resp: 29819
Ion Ratio Lower Upper
117 100
119 102.1 78.7 118.1
201 137.5 108.1 162.1



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

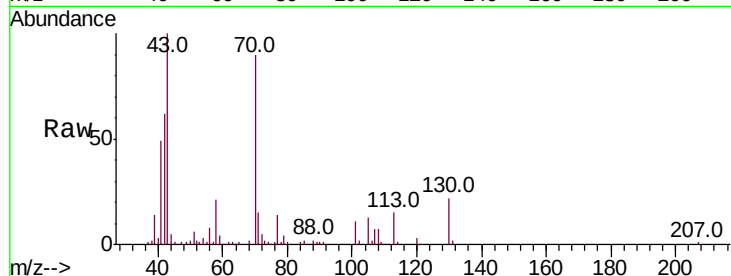




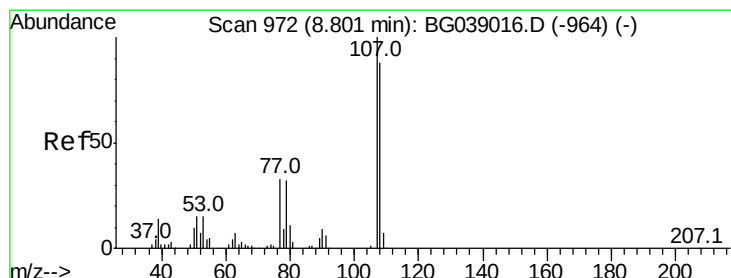
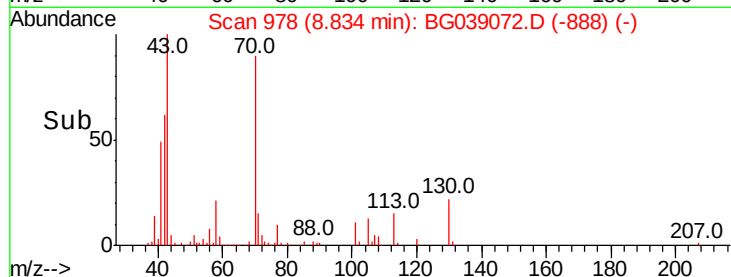
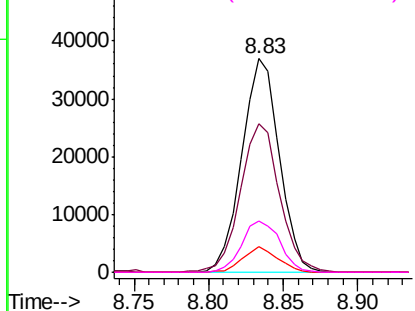
#19
n-Nitroso-di-n-propylamine
Concen: 44.675 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	64045
Ion	Ratio	Lower	Upper
70	100		
42	69.4	59.0	88.4
101	12.2	10.4	15.6
130	24.2	21.6	32.4



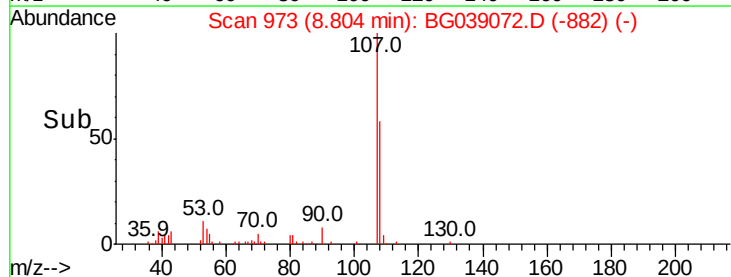
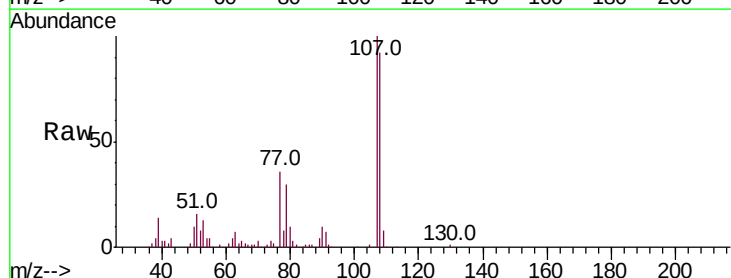
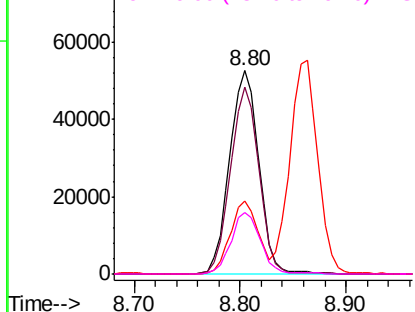
Abundance Ion 70.00 (69.70 to 70.70): BG039072.D (-888) (-)
Ion 42.00 (41.70 to 42.70): BG039072.D (-888) (-)
Ion 101.00 (100.70 to 101.70): BG039072.D (-888) (-)
Ion 130.00 (129.70 to 130.70): BG039072.D (-888) (-)

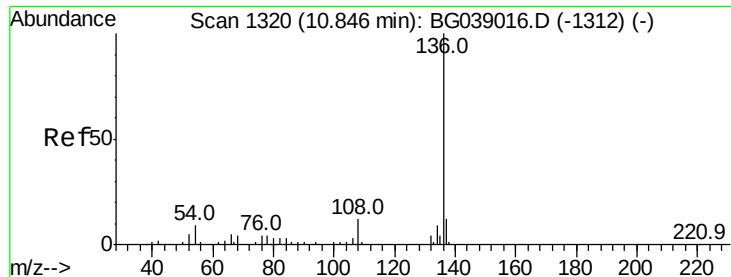


#20
3+4-Methylphenols
Concen: 46.375 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:	107	Resp:	100486
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.4	108.4
77	35.7	13.3	53.3
79	30.2	11.6	51.6

Abundance Ion 107.00 (106.70 to 107.70): BG039072.D (-882) (-)
Ion 108.00 (107.70 to 108.70): BG039072.D (-882) (-)
Ion 77.00 (76.70 to 77.70): BG039072.D (-882) (-)
Ion 79.00 (78.70 to 79.70): BG039072.D (-882) (-)

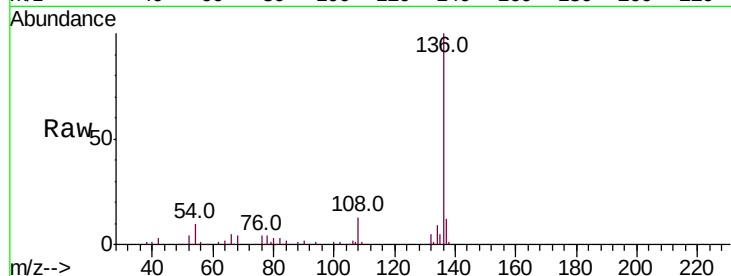




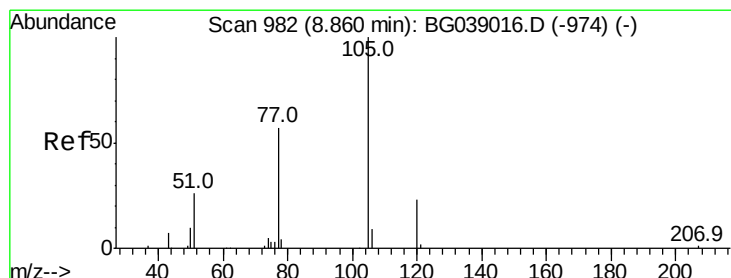
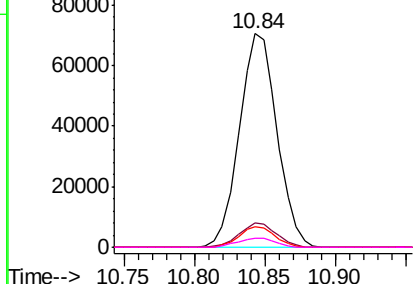
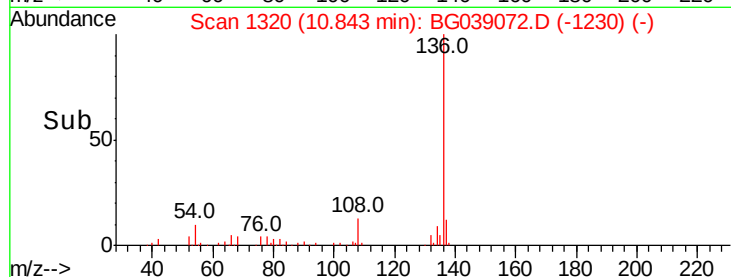
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	130831
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.4 14.2
54	9.5	7.2 10.8
68	4.5	3.5 5.3

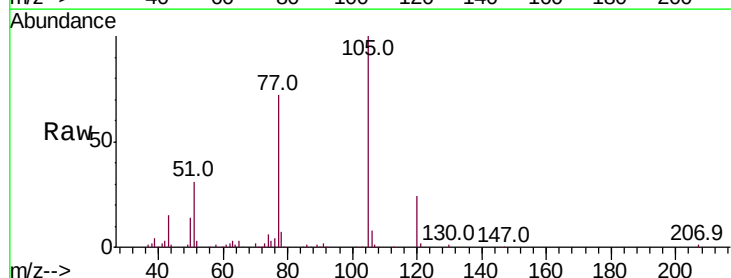


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

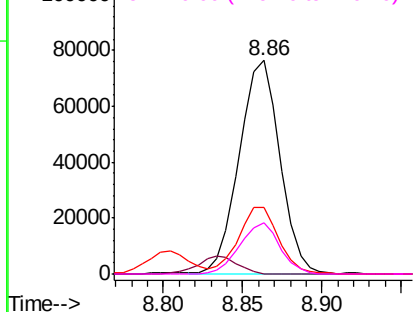
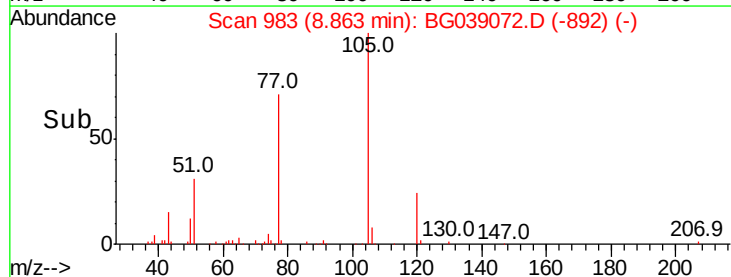


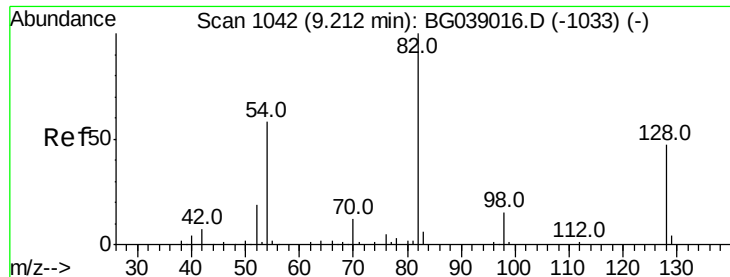
#22
Acetophenone
Concen: 40.030 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:105	Resp:	136770
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	31.1	26.6 39.8
120	24.3	17.9 26.9



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

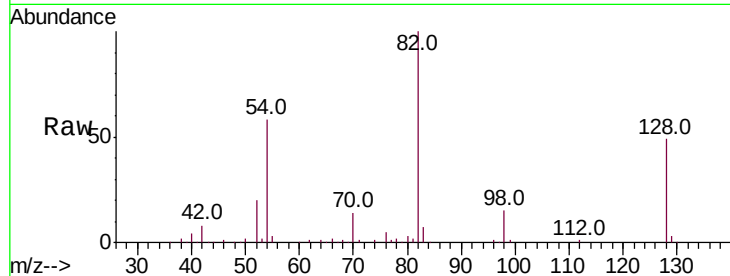




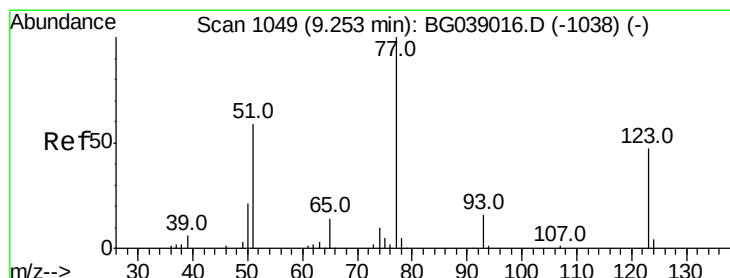
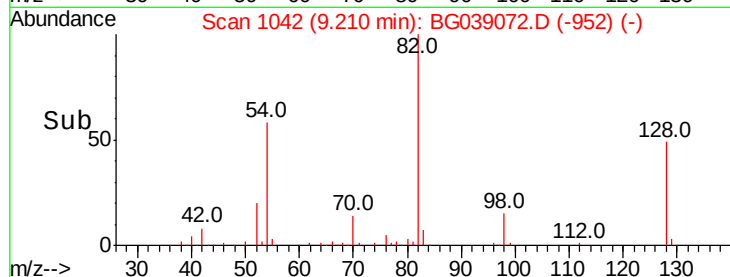
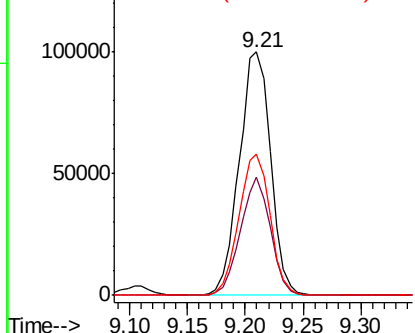
#23
Nitrobenzene-d5
Concen: 78.982 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.3	55.9
54	58.1	46.4	69.6

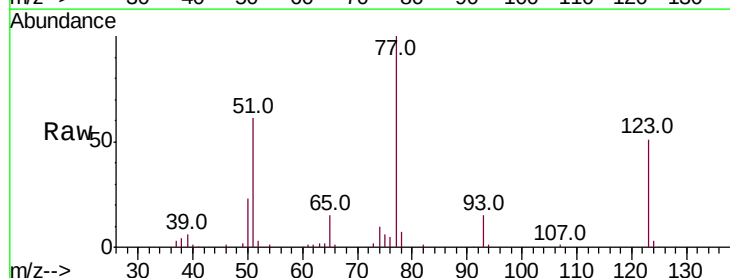


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

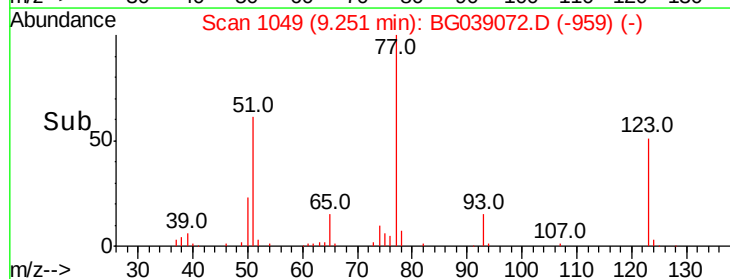
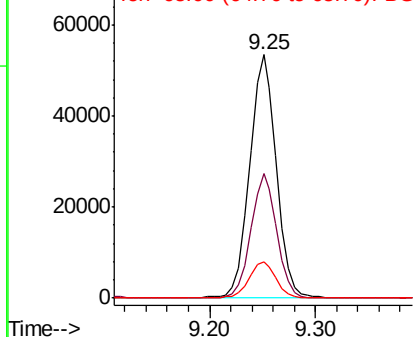


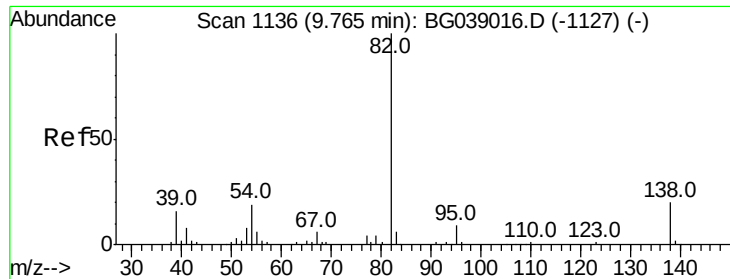
#24
Nitrobenzene
Concen: 38.856 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	37.6	56.4
65	15.0	11.0	16.6



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





#25

Isophorone

Concen: 40.981 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

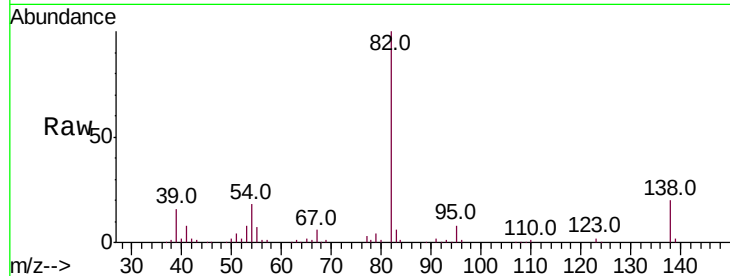
Tot Ion: 82 Resp: 168780

Ion Ratio Lower Upper

82 100

95 8.3 7.0 10.6

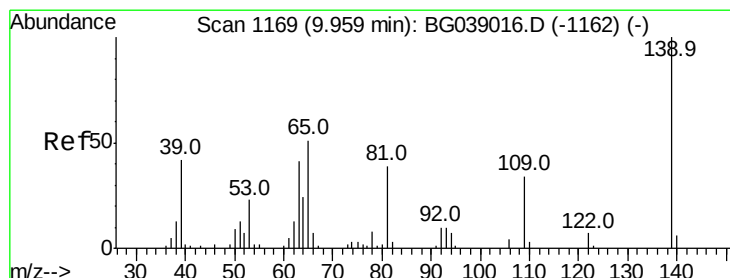
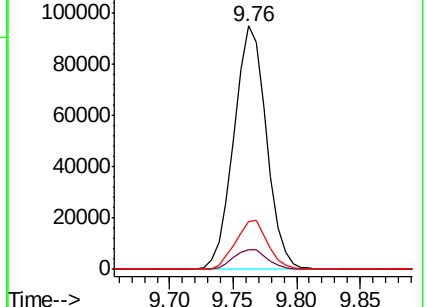
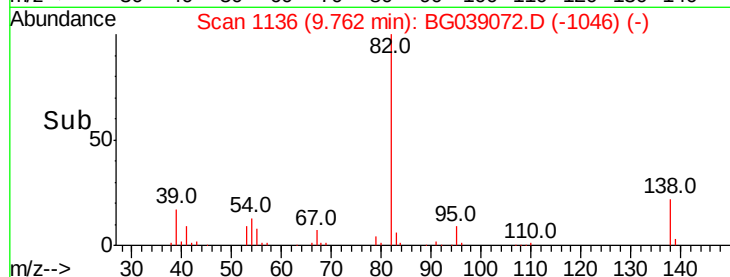
138 19.8 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BG039072.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BG039072.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BG039072.D (-1046) (-)



#26

2-Nitrophenol

Concen: 41.489 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

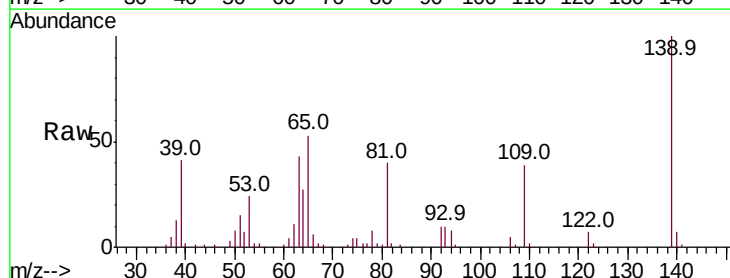
Tgt Ion: 139 Resp: 54233

Ion Ratio Lower Upper

139 100

109 38.7 27.3 40.9

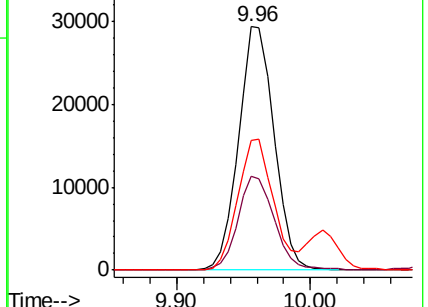
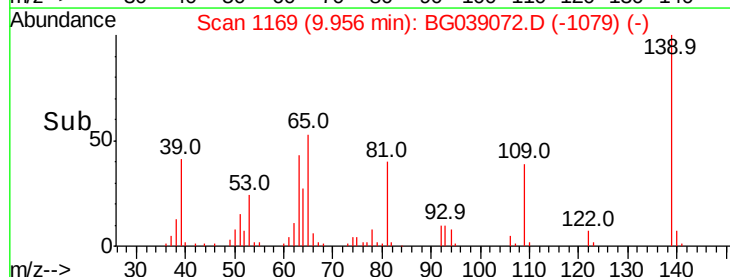
65 53.2 40.6 61.0

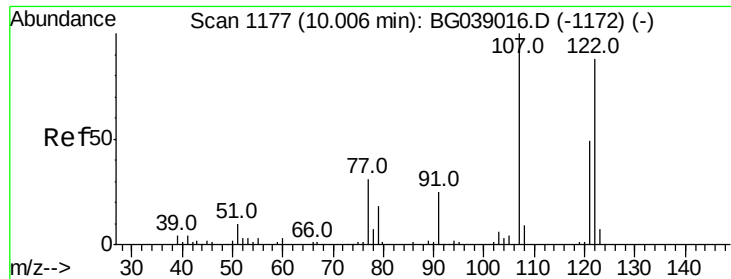


Abundance Ion 139.00 (138.70 to 139.70): BG039072.D (-1079) (-)

Ion 109.00 (108.70 to 109.70): BG039072.D (-1079) (-)

Ion 65.00 (64.70 to 65.70): BG039072.D (-1079) (-)

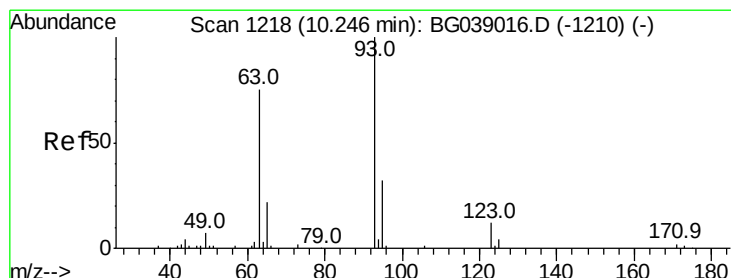
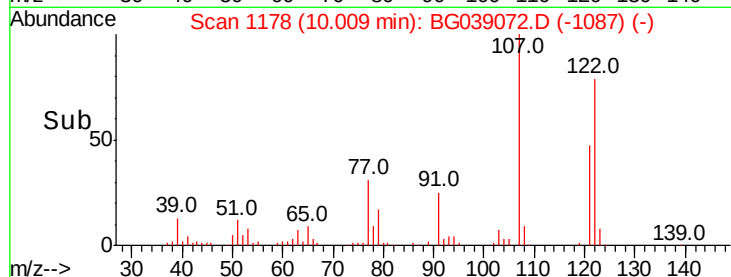
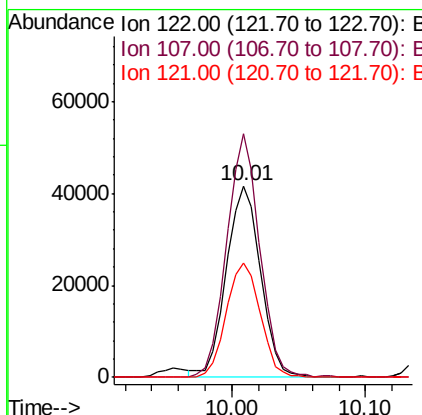
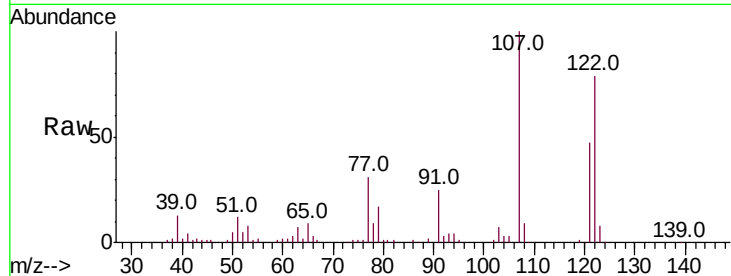




#27
 2,4-Dimethylphenol
 Concen: 40.696 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

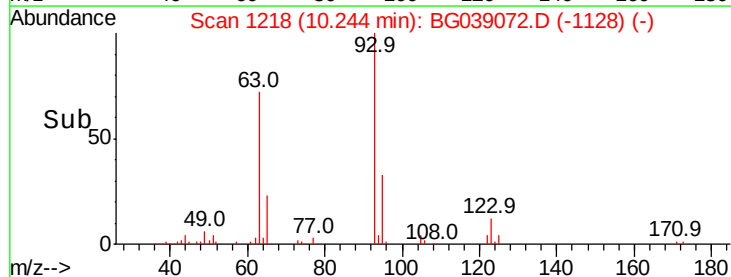
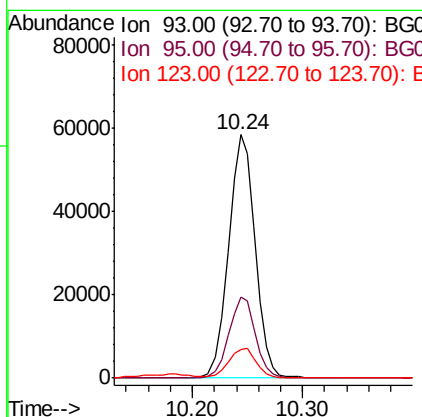
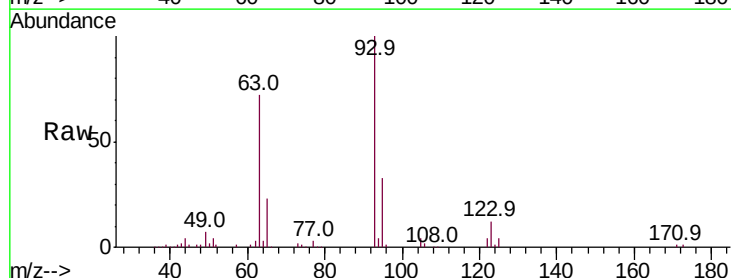
Instrument :
 BNA_G
 ClientSampleId :

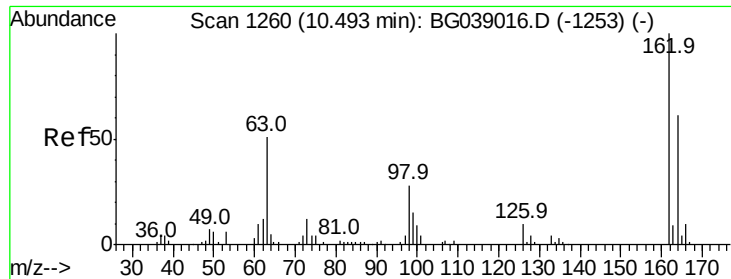
Tot Ion:122 Resp: 74842
 Ion Ratio Lower Upper
 122 100
 107 127.1 88.8 133.2
 121 60.0 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.621 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion: 93 Resp: 98072
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.6 38.4
 123 11.8 10.1 15.1

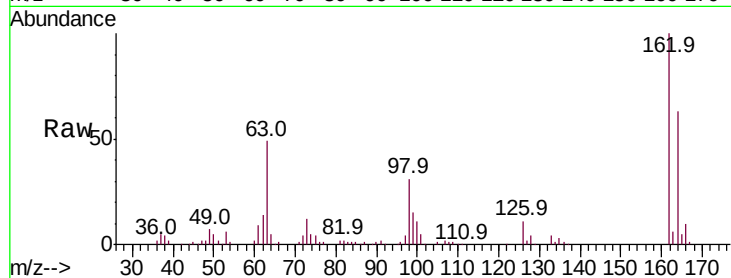




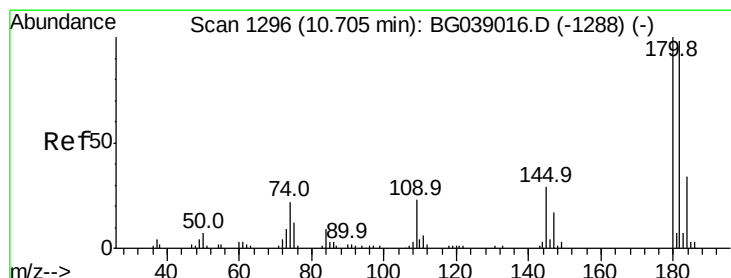
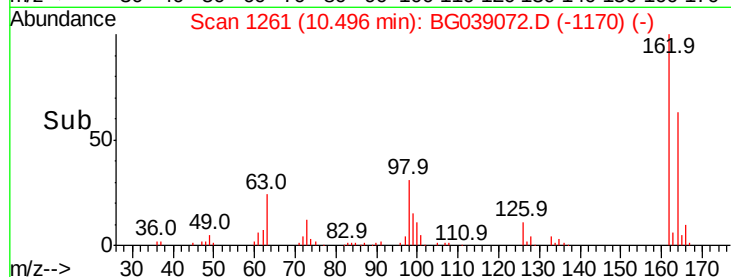
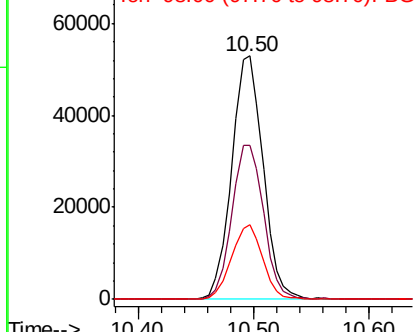
#29
 2,4-Dichlorophenol
 Concen: 43.601 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	41.3	81.3
98	30.8	8.3	48.3

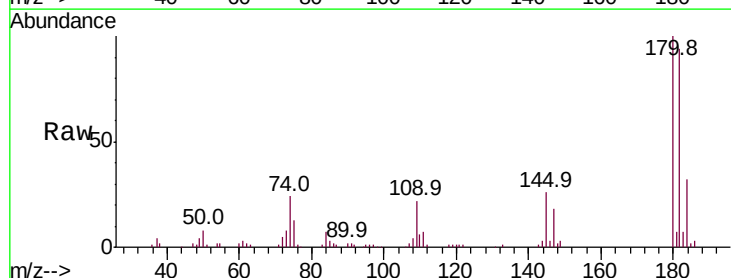


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

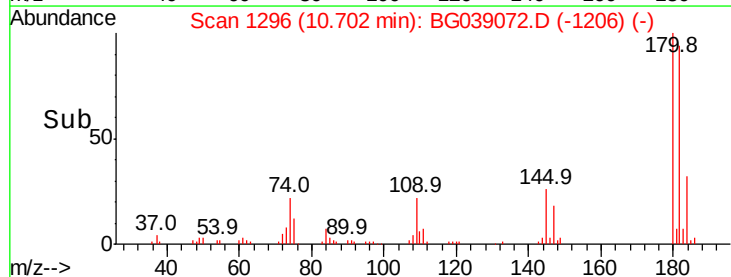
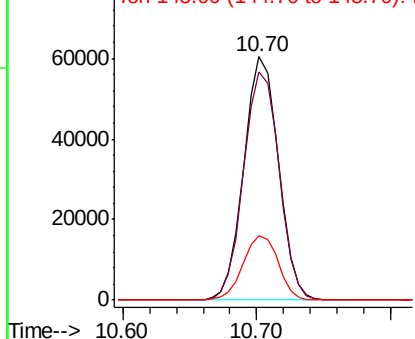


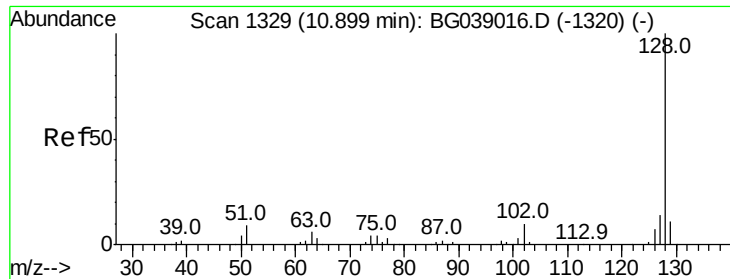
#30
 1,2,4-Trichlorobenzene
 Concen: 39.514 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.1	117.1
145	26.2	23.1	34.7



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

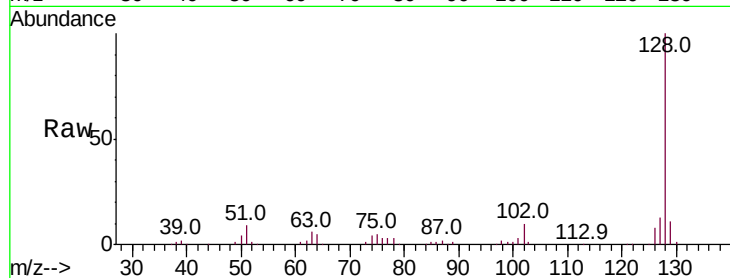




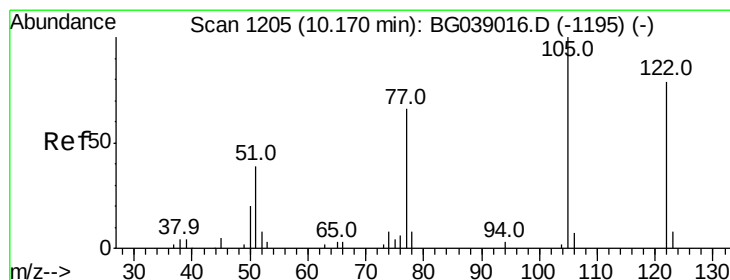
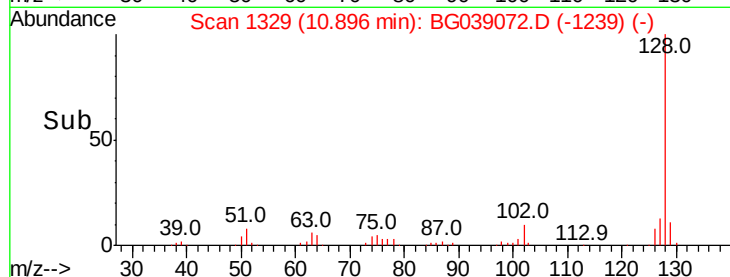
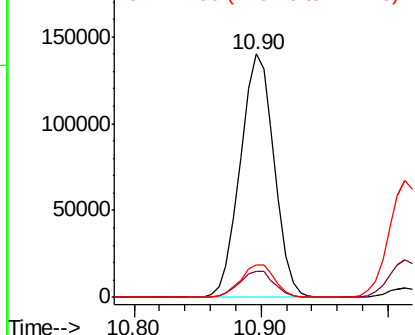
#31
Naphthalene
Concen: 39.500 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 259191
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.5 11.2 16.8

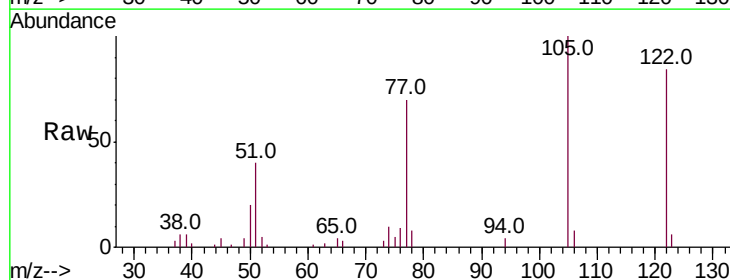


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

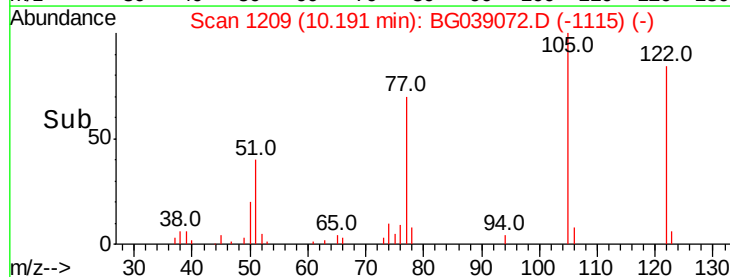
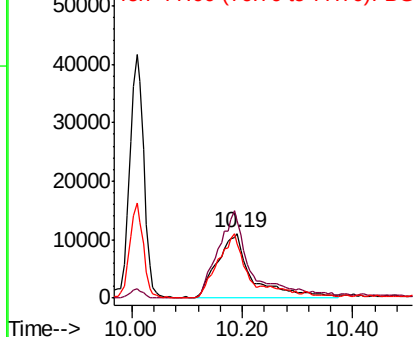


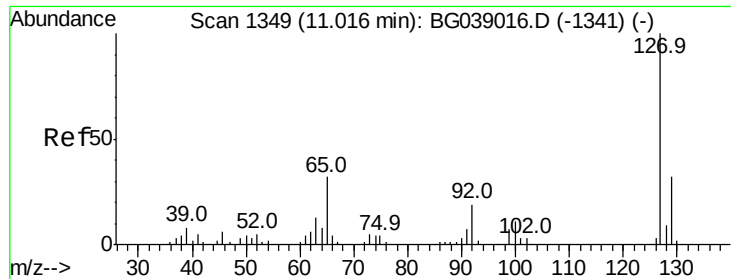
#32
Benzoic acid
Concen: 44.600 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:122 Resp: 49503
Ion Ratio Lower Upper
122 100
105 119.5 106.4 146.4
77 83.6 63.6 103.6



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

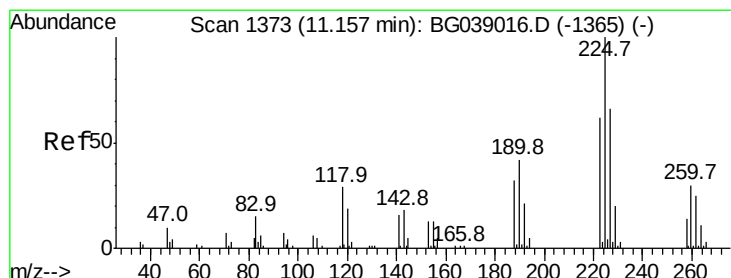
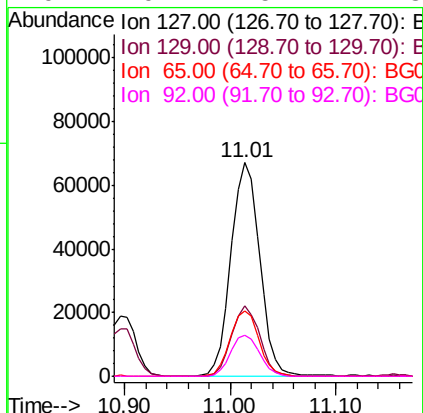
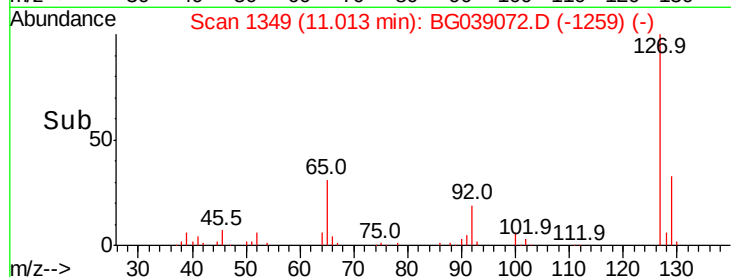
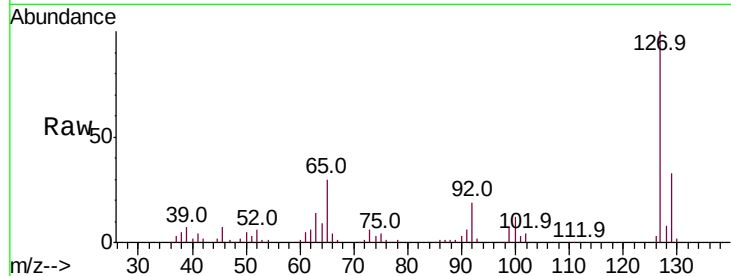




#33
4-Chloroaniline
Concen: 43.048 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

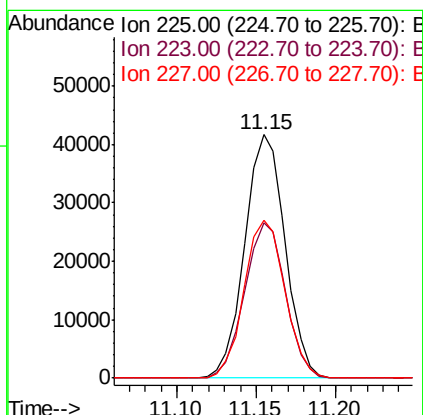
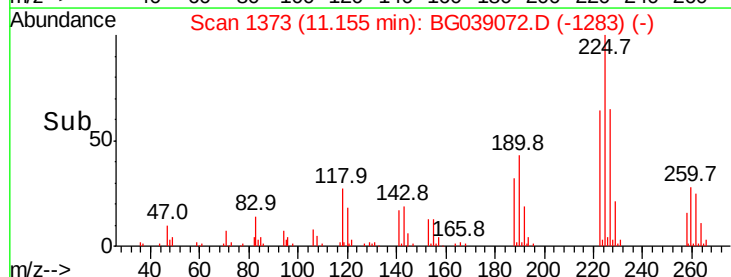
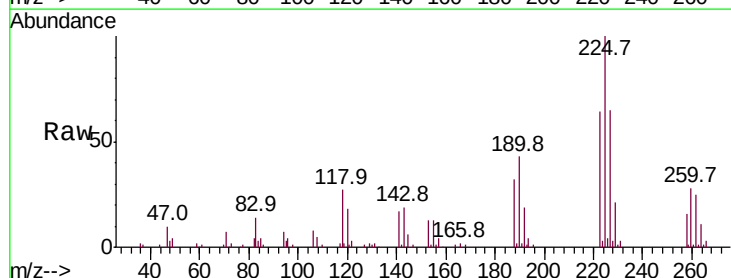
Instrument :
BNA_G
ClientSampleId :

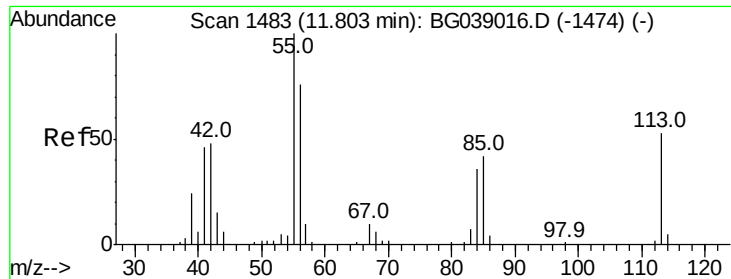
Tot Ion:	127	Resp:	126394
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	30.4	25.4	38.0
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.959 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:	225	Resp:	73589
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.4
227	64.6	53.2	79.8





#35

Caprolactam

Concen: 45.174 ng

RT: 11.82 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

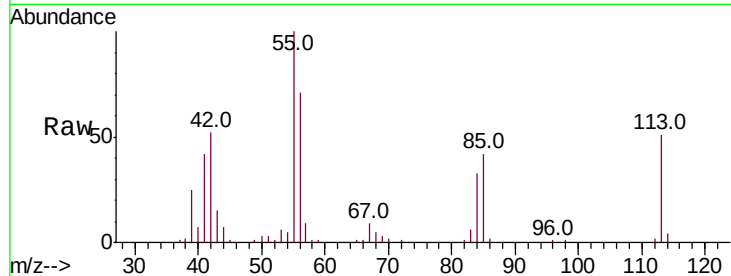
Tot Ion:113 Resp: 41386

Ion Ratio Lower Upper

113 100

55 194.8 168.6 208.6

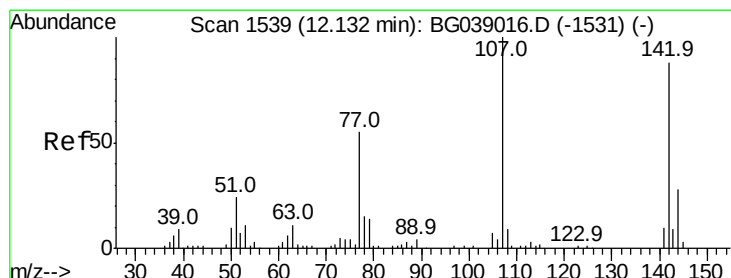
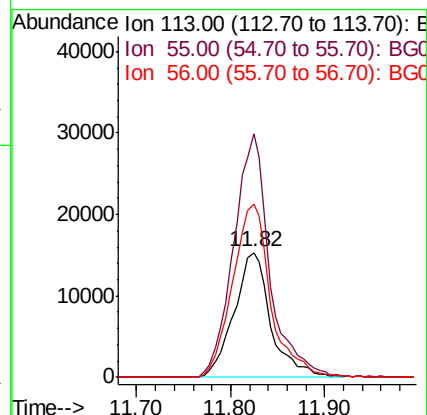
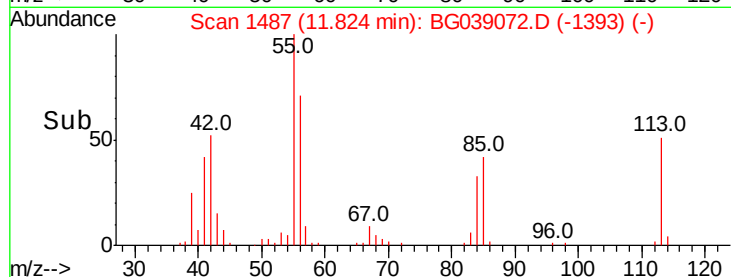
56 138.6 123.2 163.2



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: 45.304 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

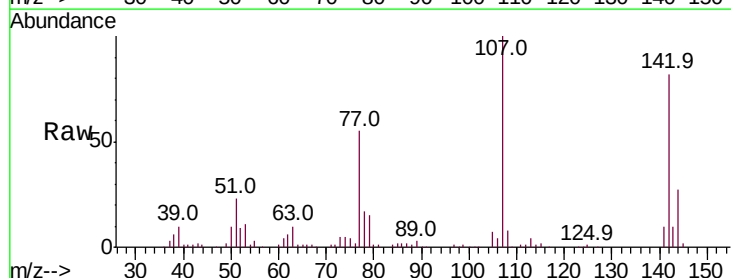
Tgt Ion:107 Resp: 110705

Ion Ratio Lower Upper

107 100

144 27.4 22.6 34.0

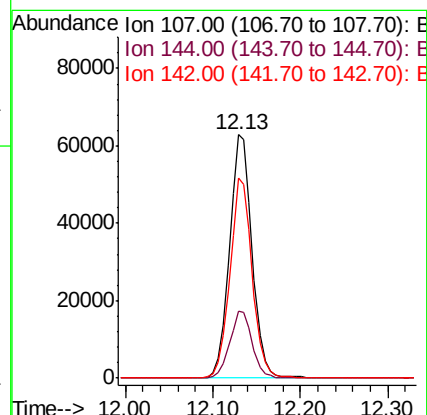
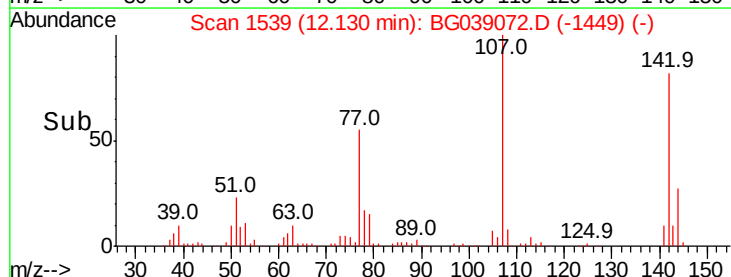
142 82.2 70.2 105.4

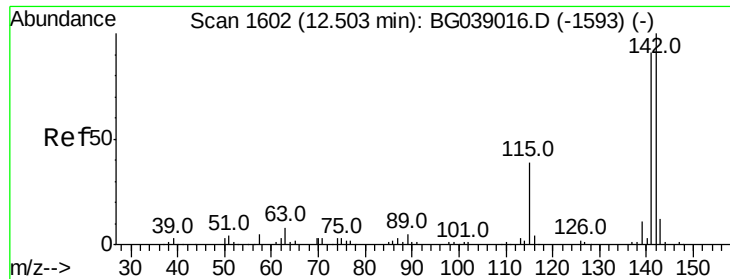


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

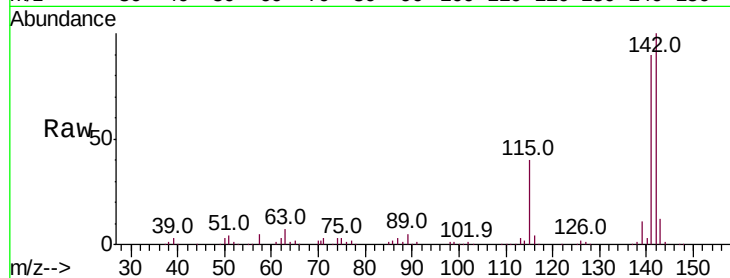




#37
2-Methylnaphthalene
Concen: 41.203 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	109.0
115	39.5	31.1	46.7

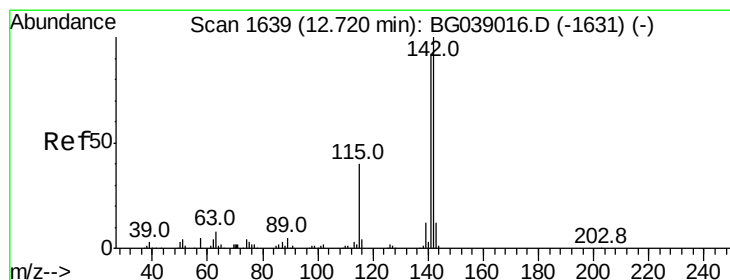
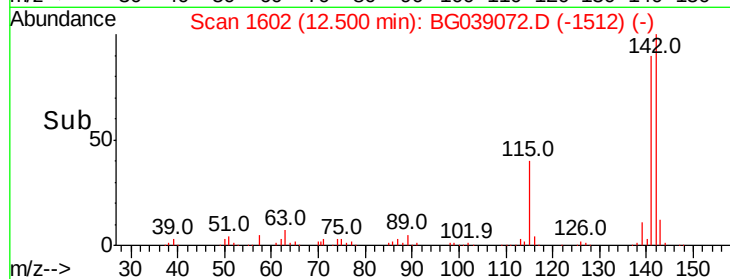
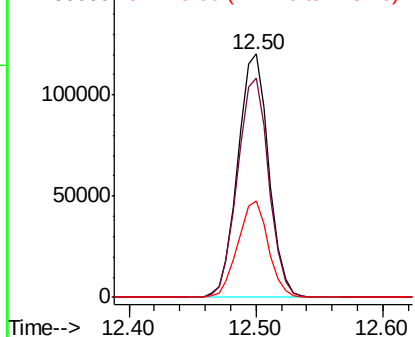


Abundance

Ion 142.00 (141.70 to 142.70): E

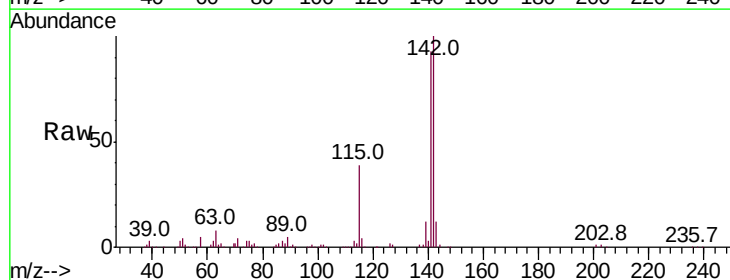
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.011 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.3	109.9
116	3.9	3.1	4.7

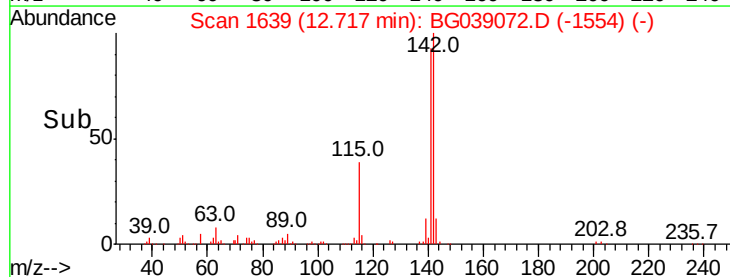
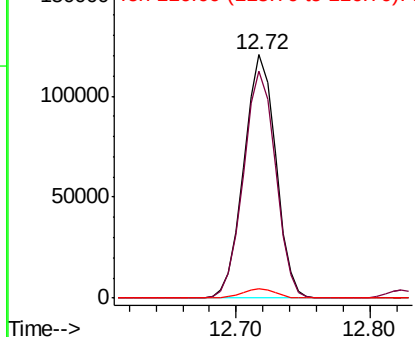


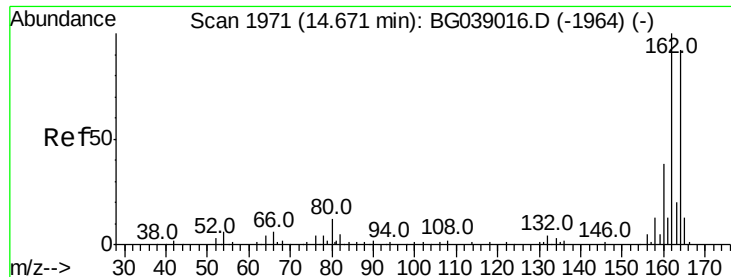
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

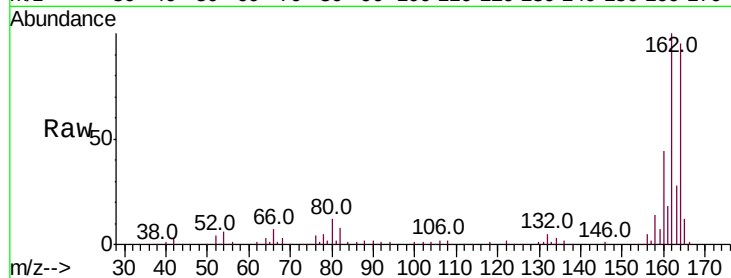
Tot Ion:164 Resp: 104808

Ion Ratio Lower Upper

164 100

162 104.7 87.2 130.8

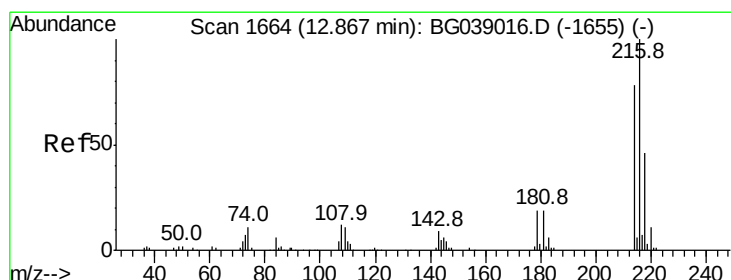
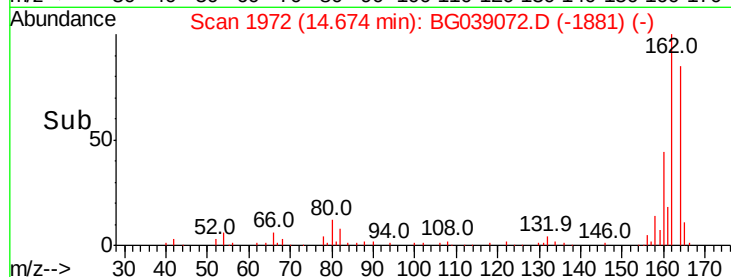
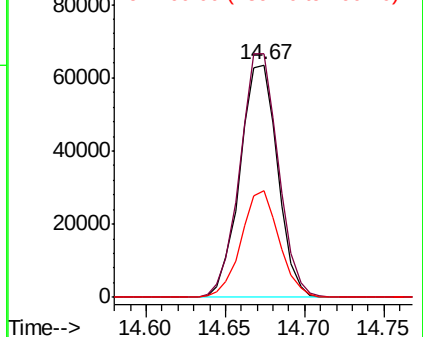
160 45.8 33.3 49.9



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: 38.352 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Tgt Ion:216 Resp: 150960

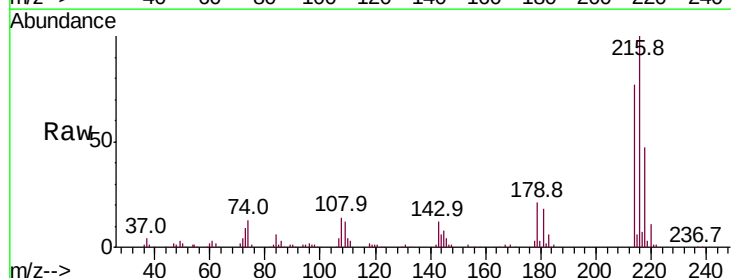
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 20.1 15.5 23.3

108 13.9 11.4 17.2

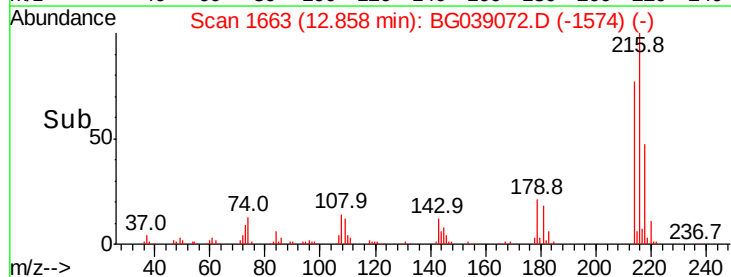
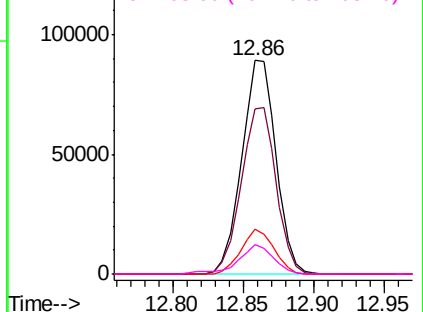


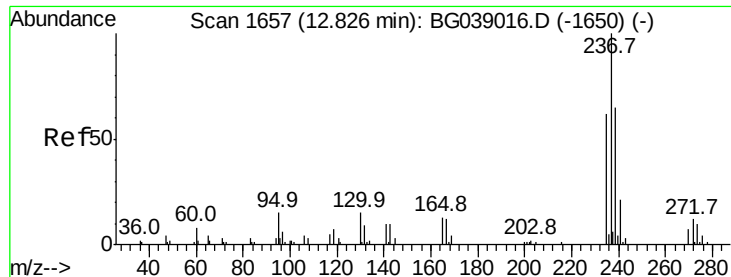
Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.253 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

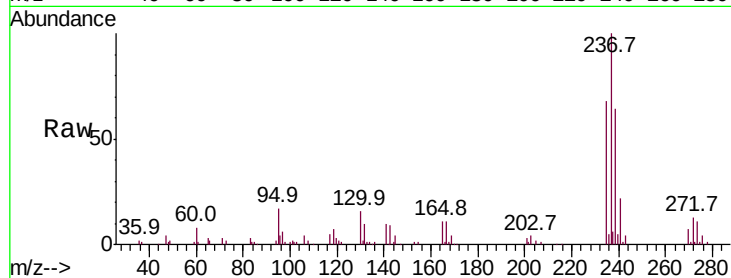
Tot Ion:237 Resp: 63327

Ion Ratio Lower Upper

237 100

235 67.7 41.7 81.7

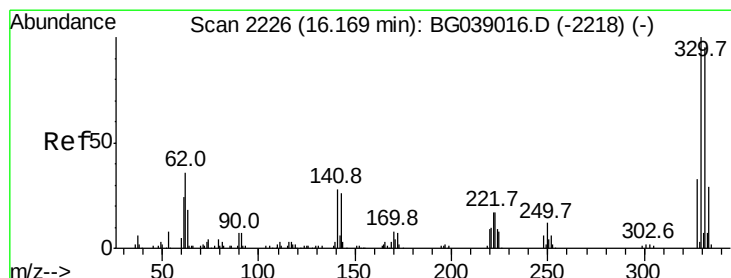
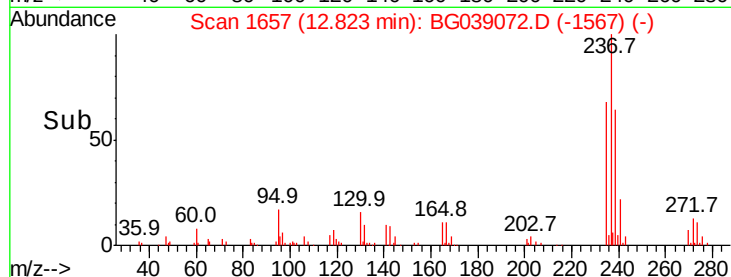
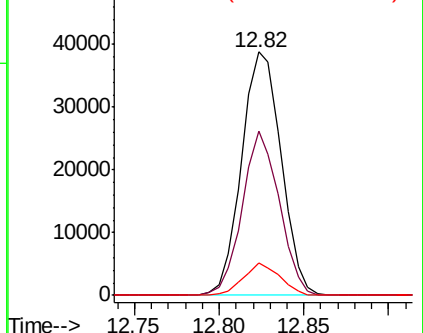
272 13.4 0.0 32.1



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: 85.485 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

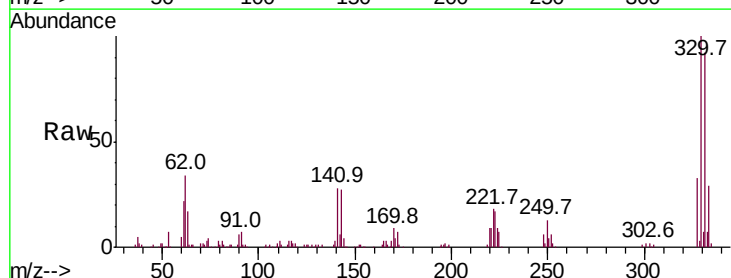
Tgt Ion:330 Resp: 150187

Ion Ratio Lower Upper

330 100

332 94.2 75.7 113.5

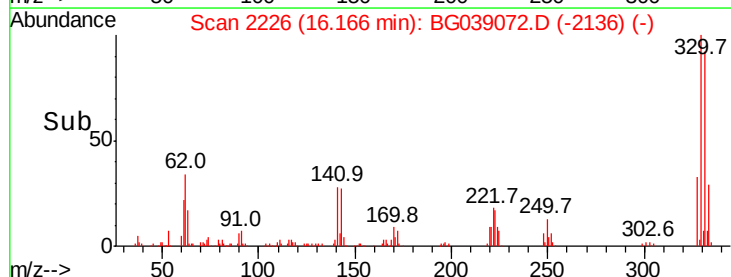
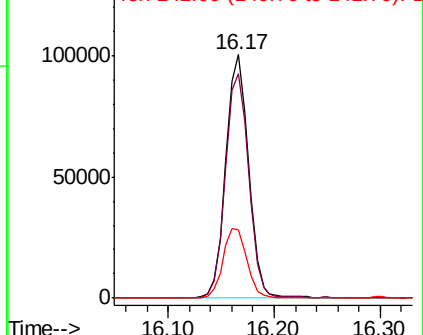
141 29.9 24.9 37.3

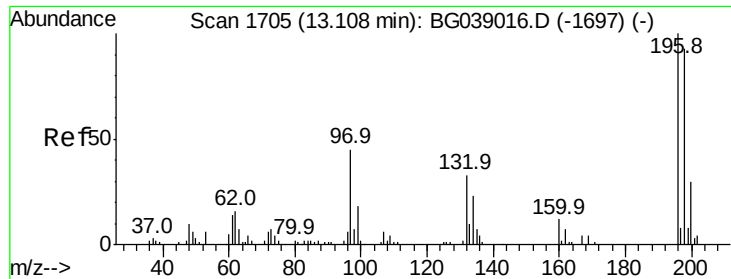


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

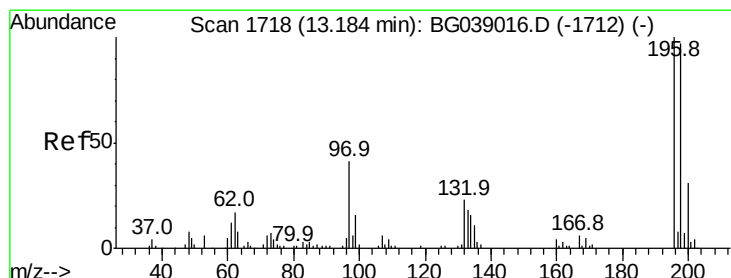
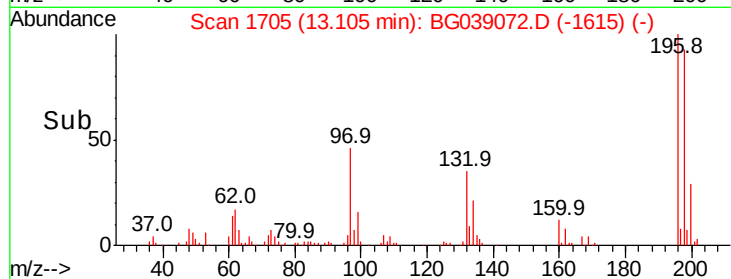
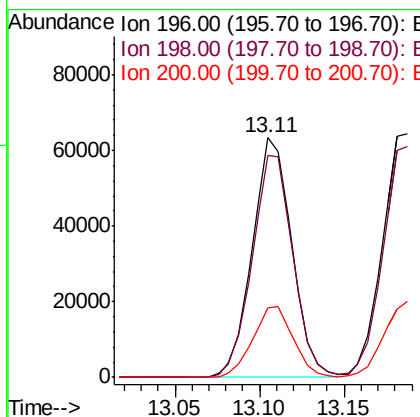
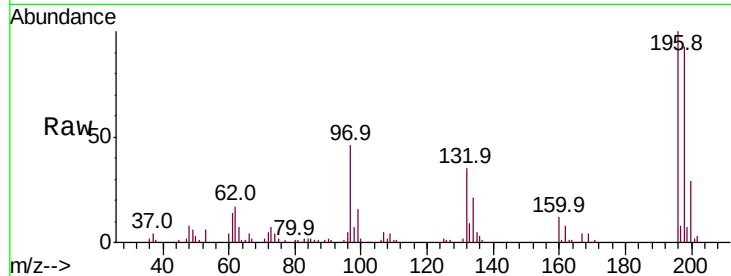




#43
 2,4,6-Trichlorophenol
 Concen: 41.683 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

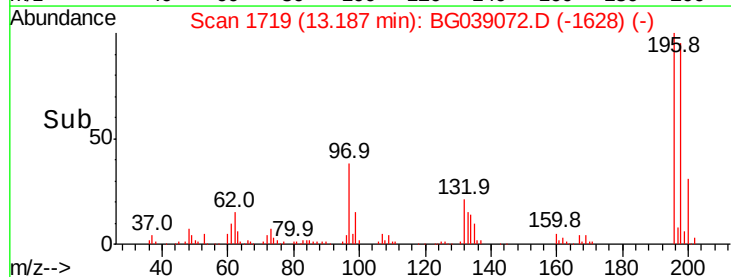
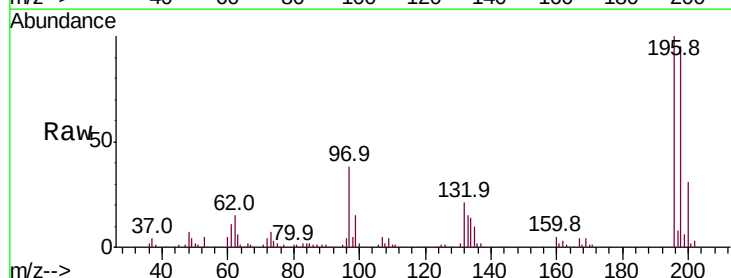
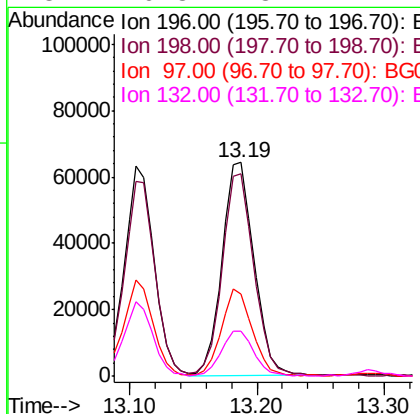
Instrument :
 BNA_G
 ClientSampleId :

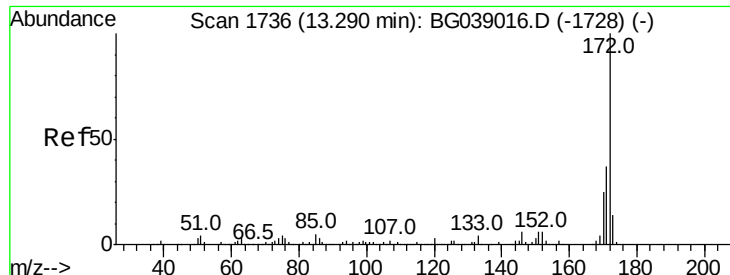
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.5	111.7
200	28.9	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.832 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.1	117.1
97	38.3	33.2	49.8
132	20.8	18.2	27.4

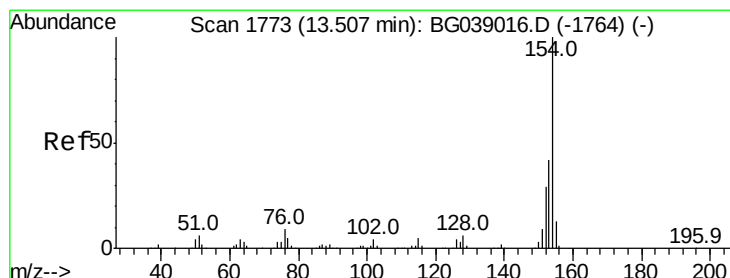
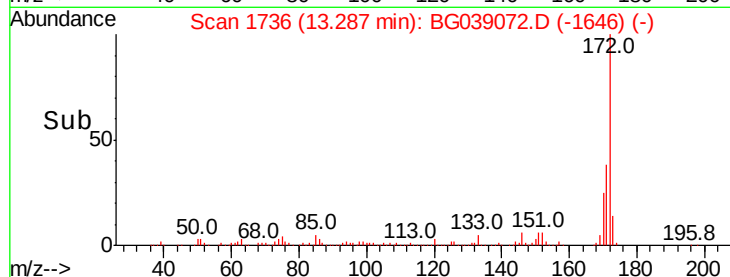
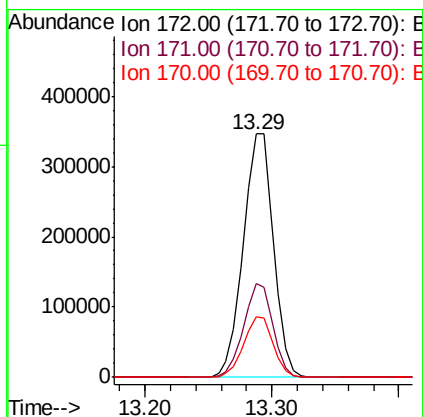
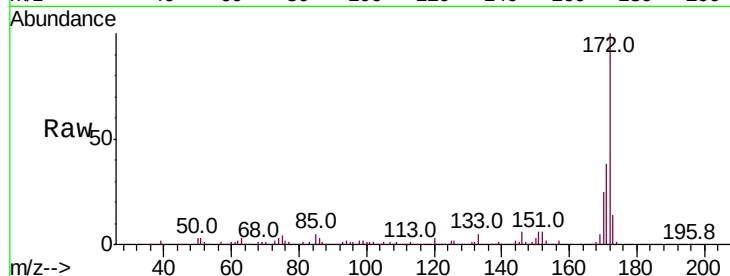




#45
2-Fluorobiphenyl
Concen: 74.952 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

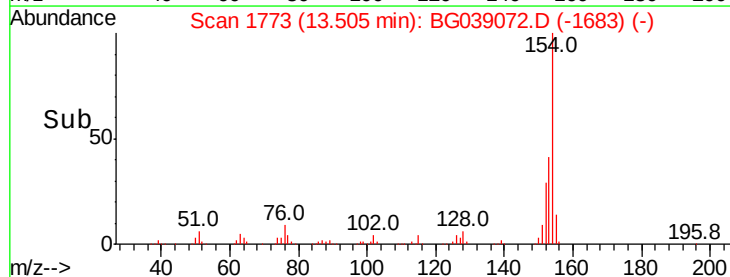
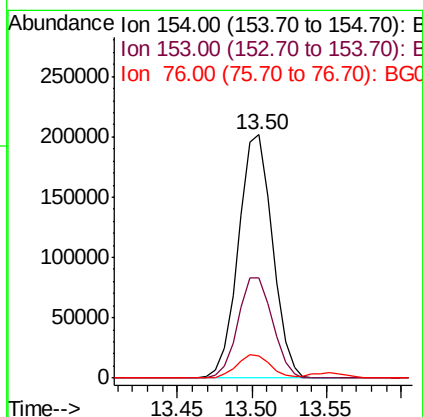
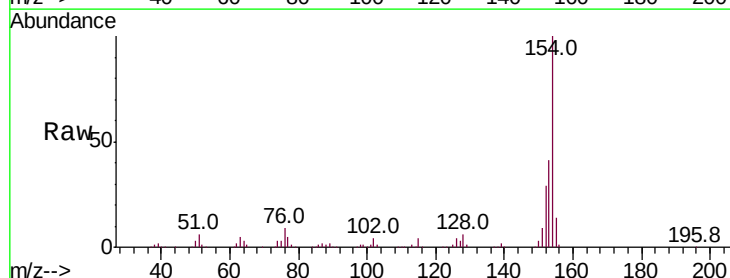
Instrument :
BNA_G
ClientSampleId :

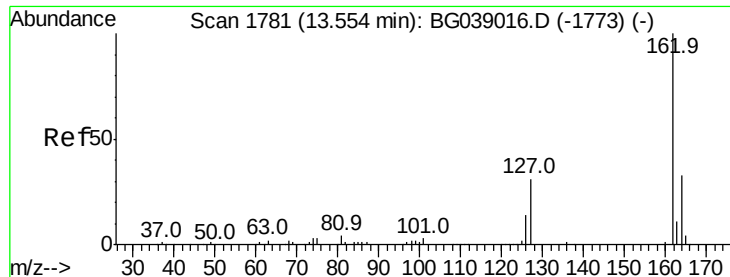
Tot Ion:172 Resp: 574002
Ion Ratio Lower Upper
172 100
171 38.4 29.4 44.0
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.282 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:154 Resp: 317922
Ion Ratio Lower Upper
154 100
153 41.3 22.4 62.4
76 9.2 0.0 29.4

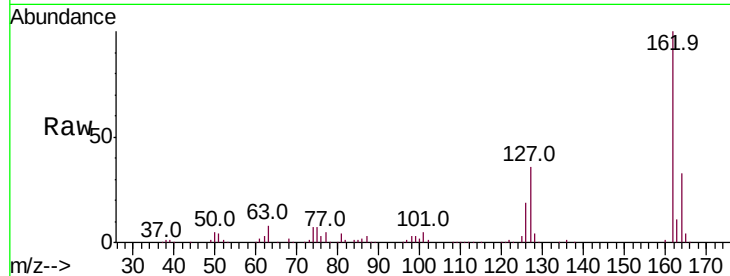




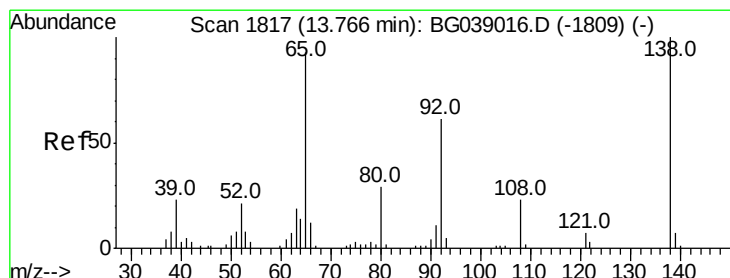
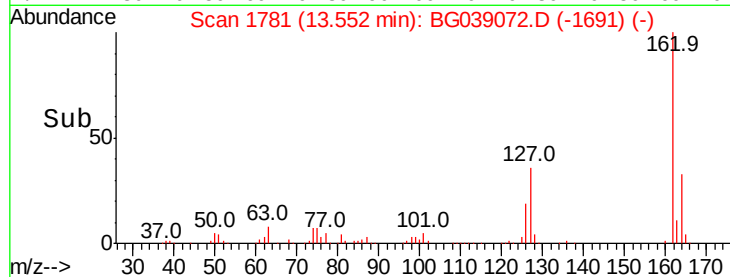
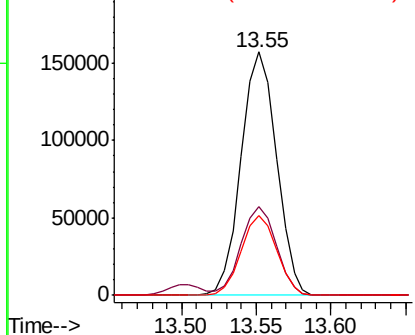
#47
 2-Chloronaphthalene
 Concen: 38.623 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.4	42.6
164	33.0	26.3	39.5

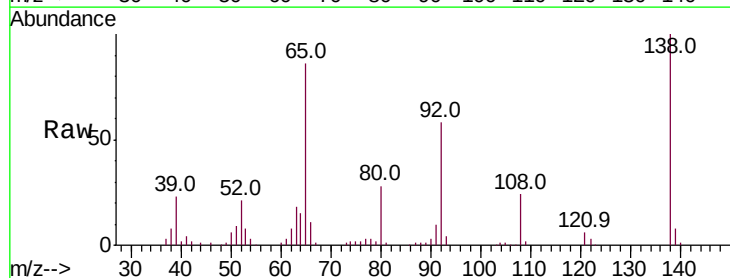


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

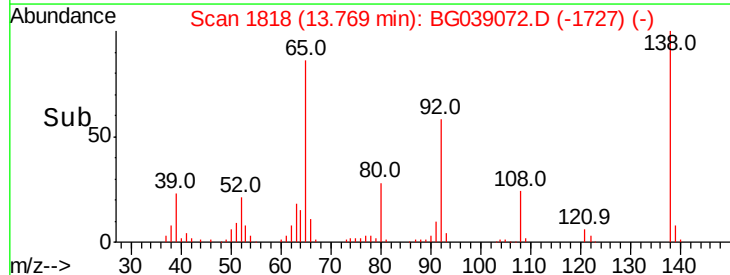
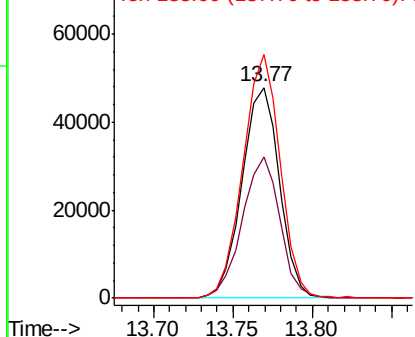


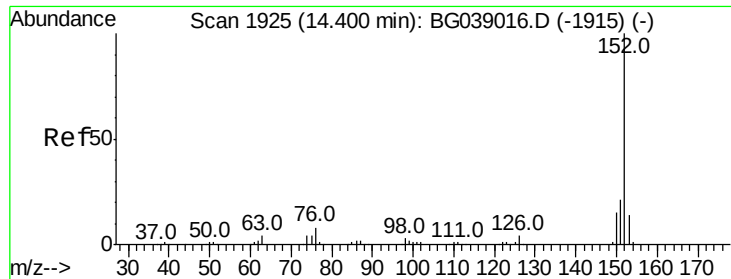
#48
 2-Nitroaniline
 Concen: 41.810 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.2	78.4
138	115.6	86.0	129.0



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





#49

Acenaphthylene

Concen: 39.023 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

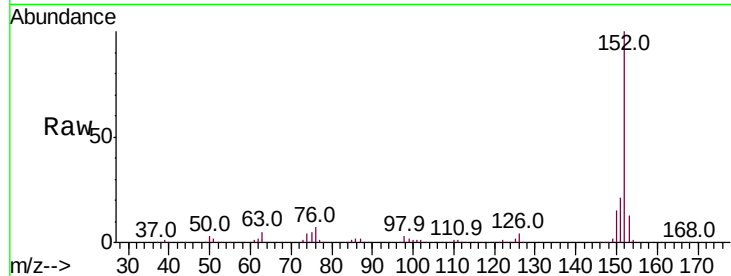
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 394185

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.5	11.2	16.8

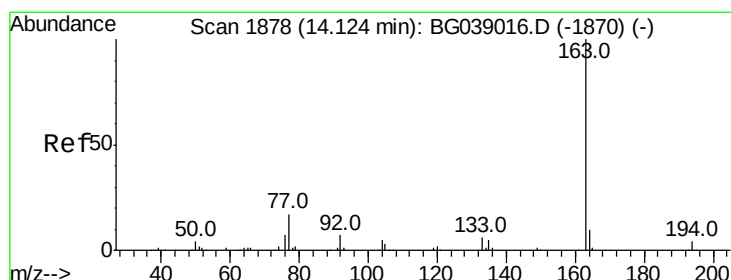
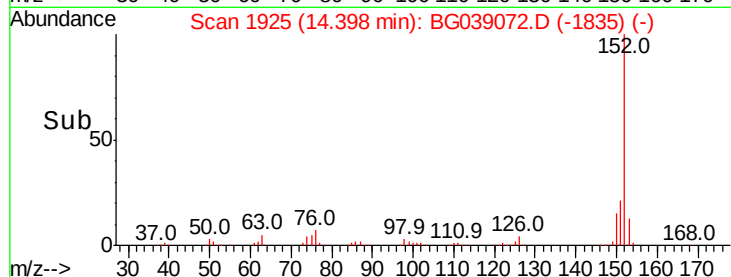
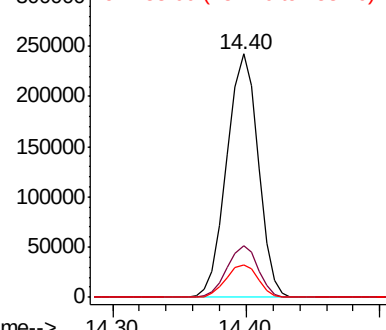


Abundance

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: 39.268 ng

RT: 14.13 min Scan# 1879

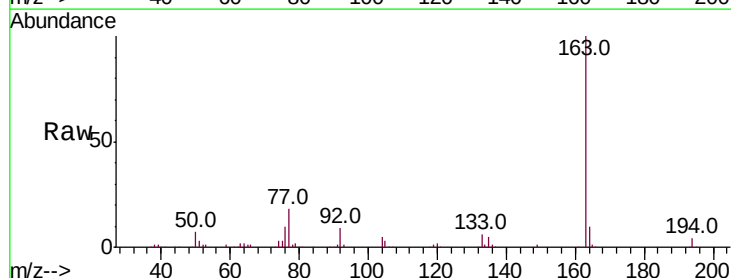
Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Tgt Ion:163 Resp: 347786

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.7	8.2	12.2

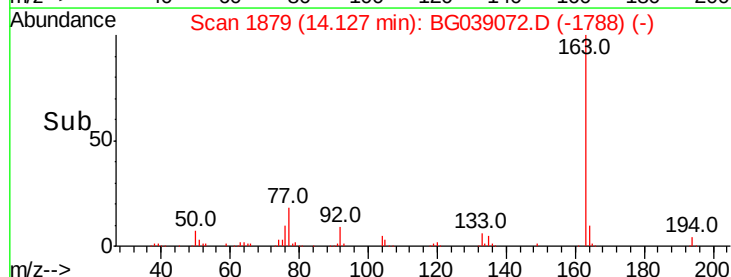
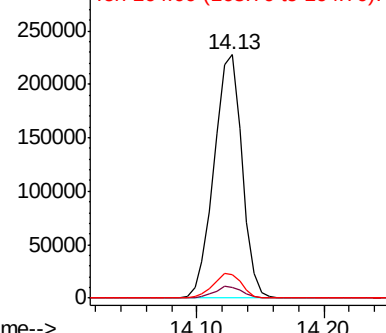


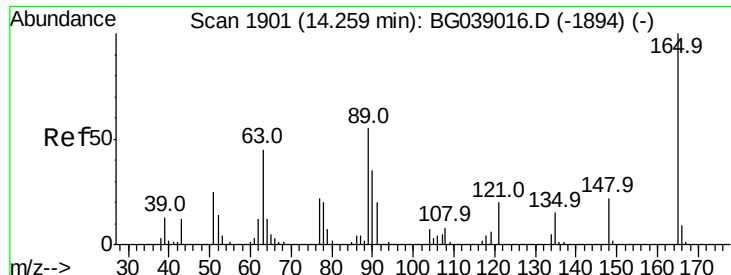
Abundance

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

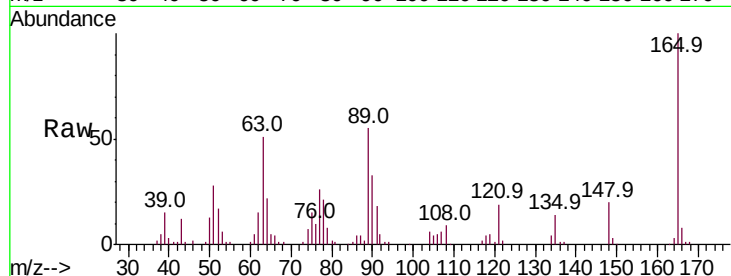




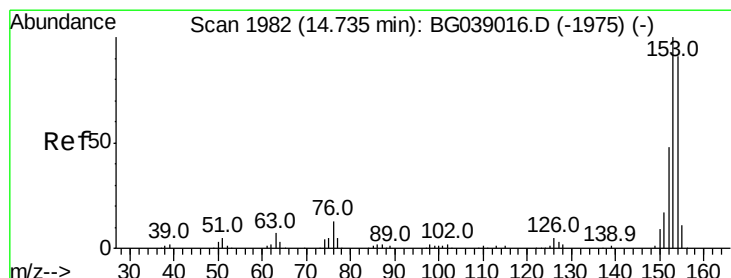
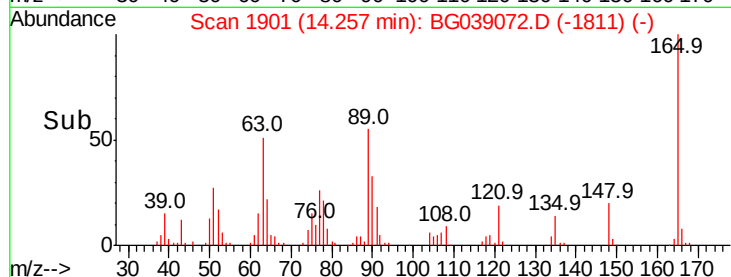
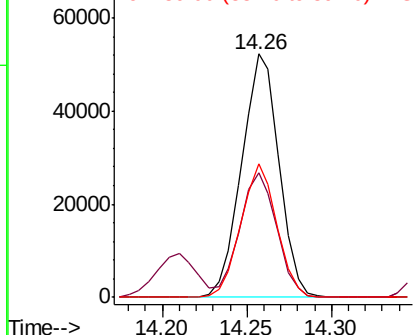
#51
 2,6-Dinitrotoluene
 Concen: 40.463 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.1	43.6	65.4
89	54.6	43.7	65.5

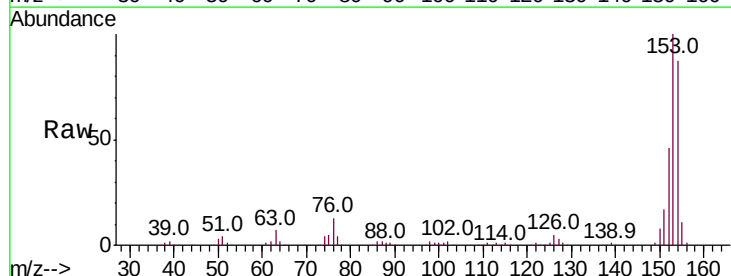


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

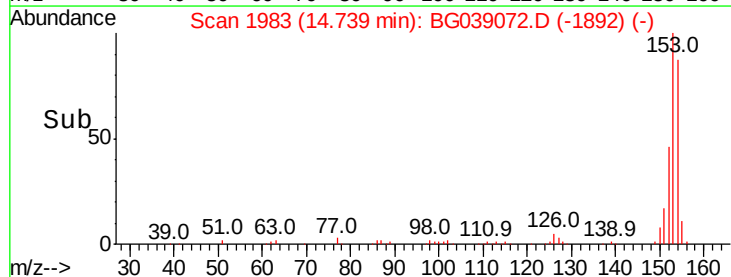
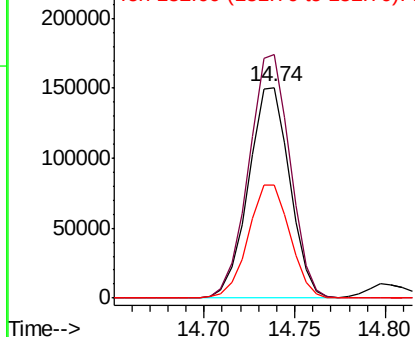


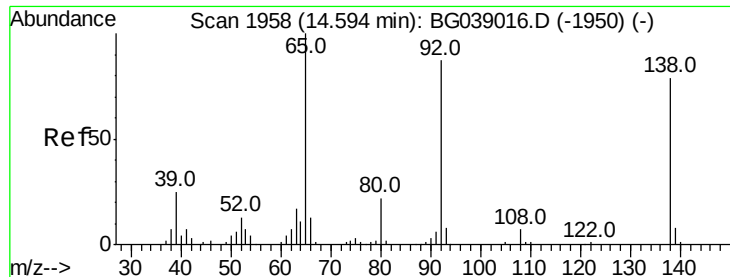
#52
 Acenaphthene
 Concen: 39.371 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	87.9	131.9
152	53.5	42.2	63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.921 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

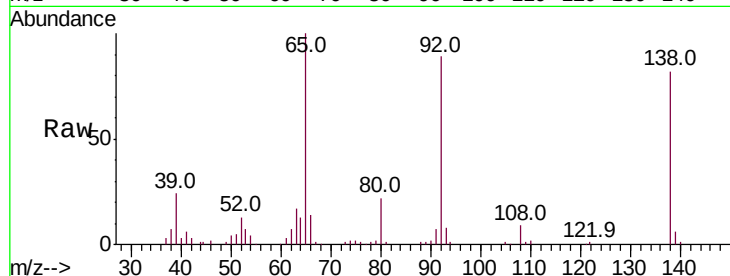
Tot Ion:138 Resp: 82200

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.0

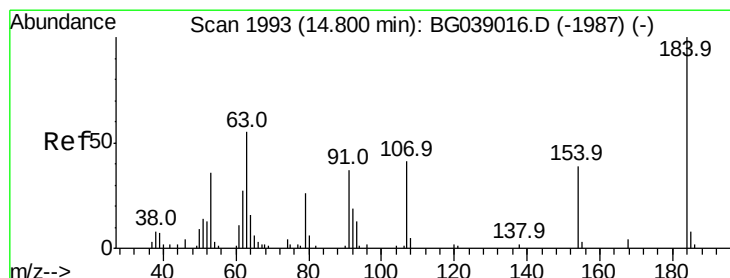
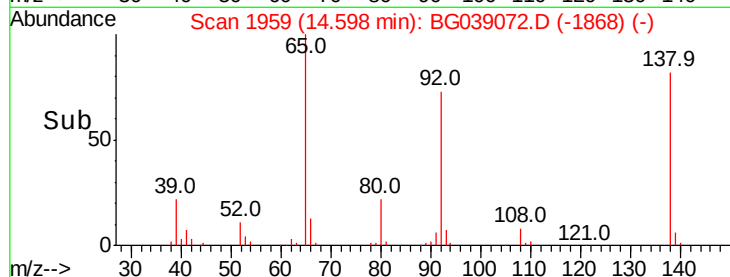
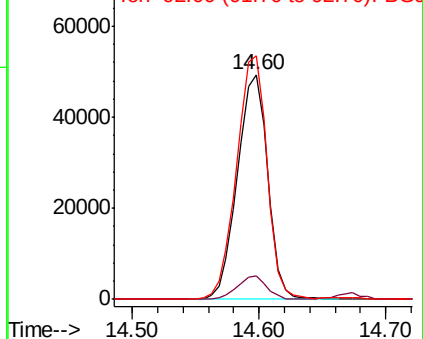
92 108.5 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 30.420 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

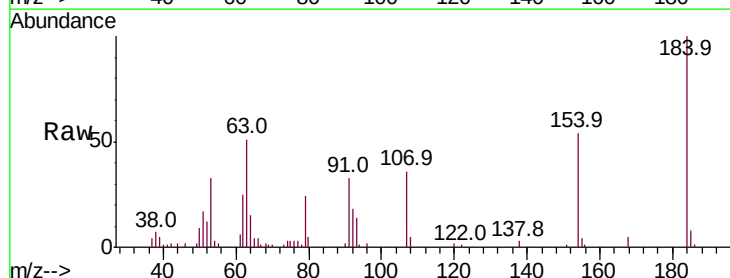
Tgt Ion:184 Resp: 31776

Ion Ratio Lower Upper

184 100

63 50.6 44.0 66.0

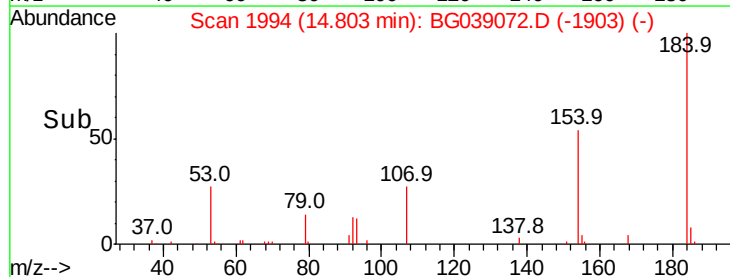
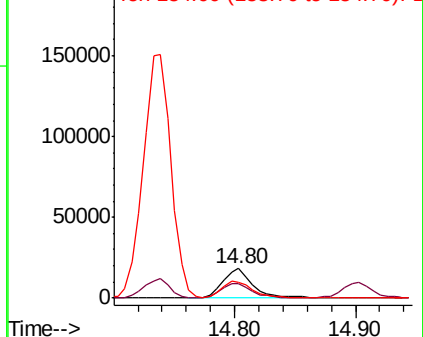
154 53.5 46.1 69.1

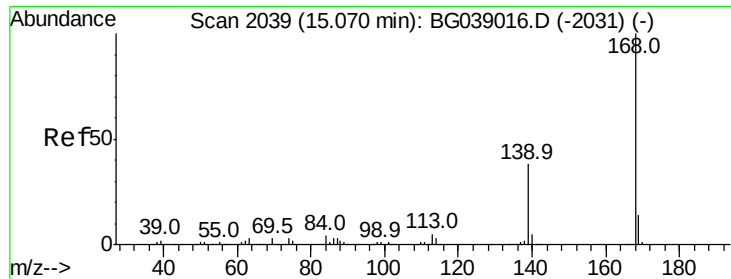


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

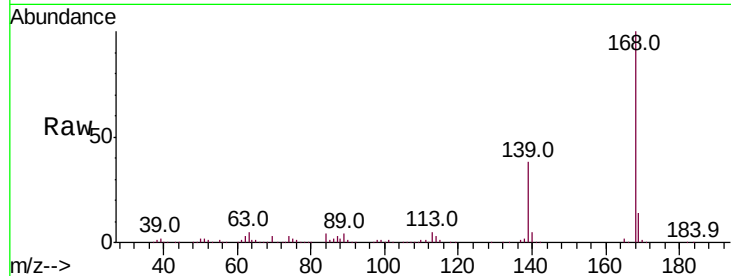




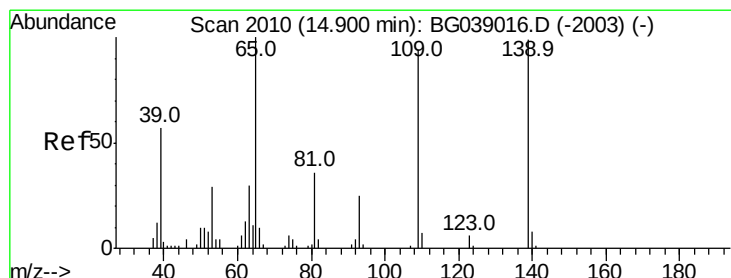
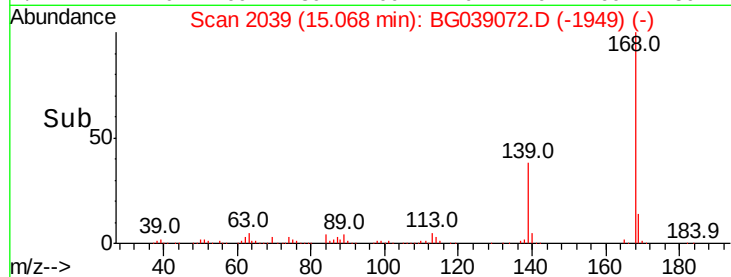
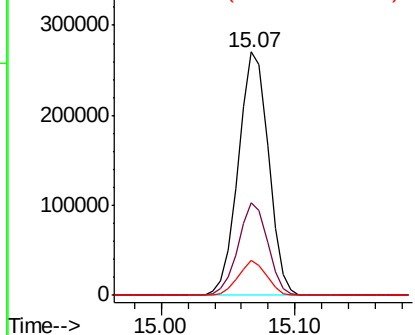
#55
Dibenzenofuran
Concen: 39.424 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1
169	14.1	10.9	16.3

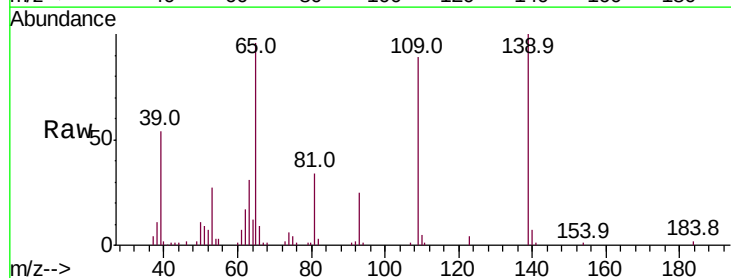


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

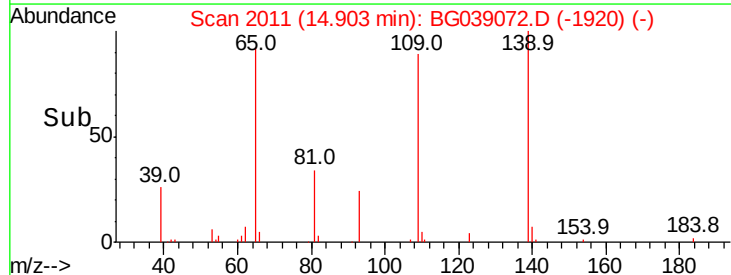
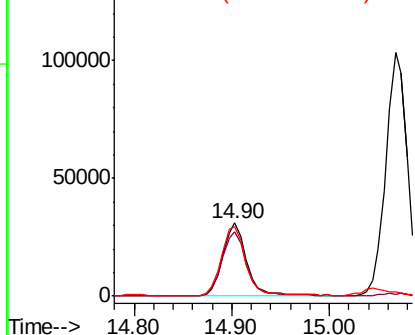


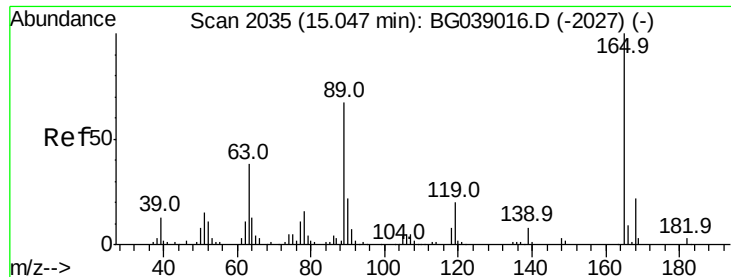
#56
4-Nitrophenol
Concen: 37.033 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.8	75.6	115.6
65	96.1	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

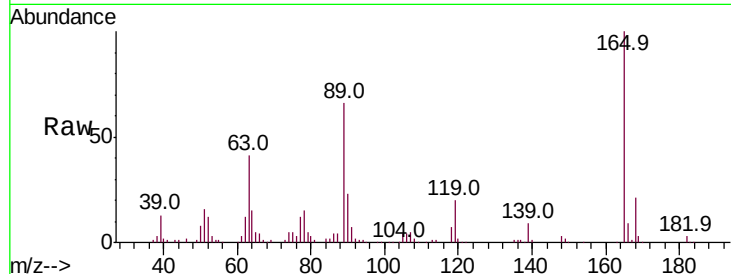




#57
2,4-Dinitrotoluene
Concen: 40.296 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	30.2	45.4
89	65.9	53.2	79.8
182	2.6	2.7	4.1#



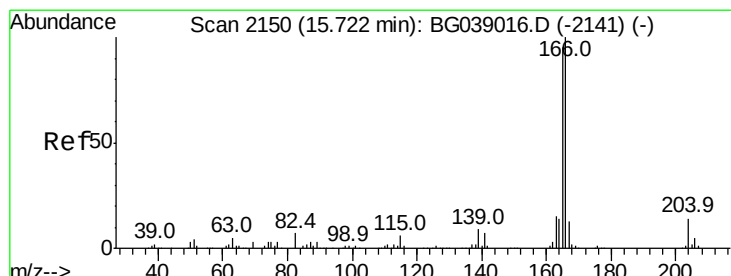
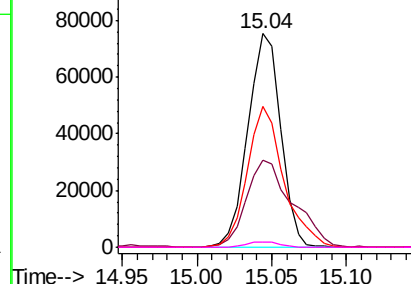
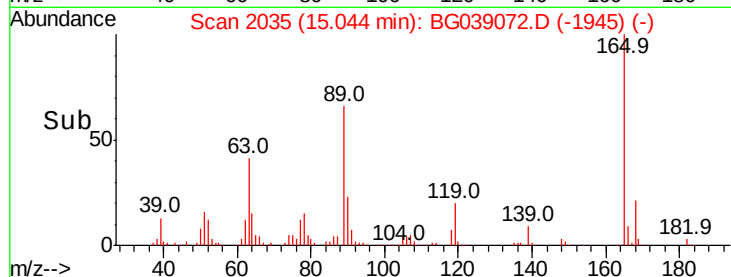
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

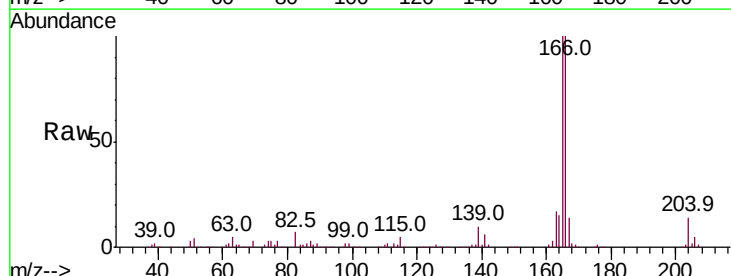
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.262 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.2	114.2
167	14.1	10.6	16.0

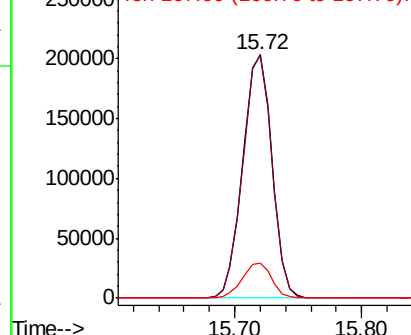
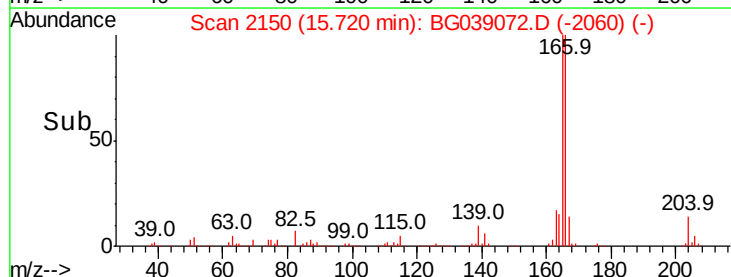


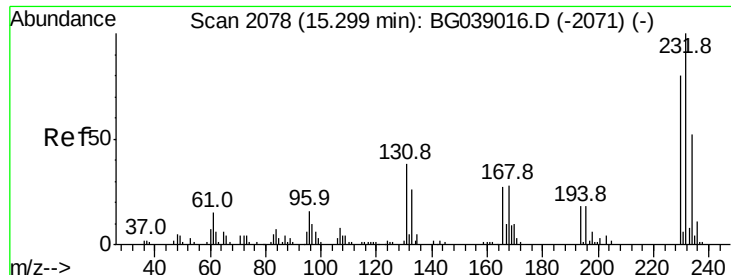
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

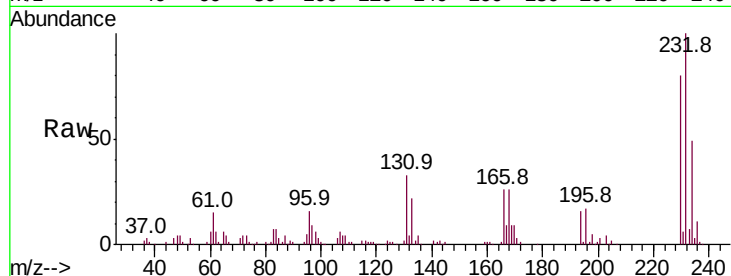




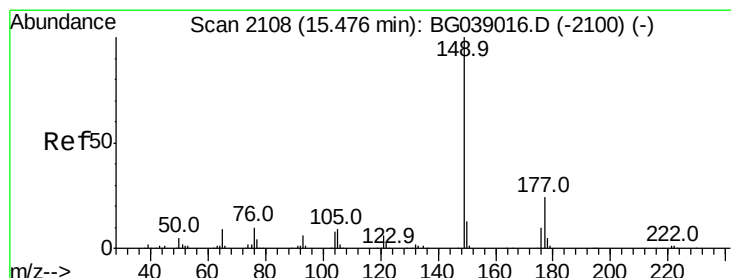
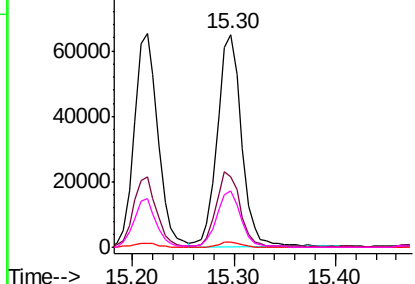
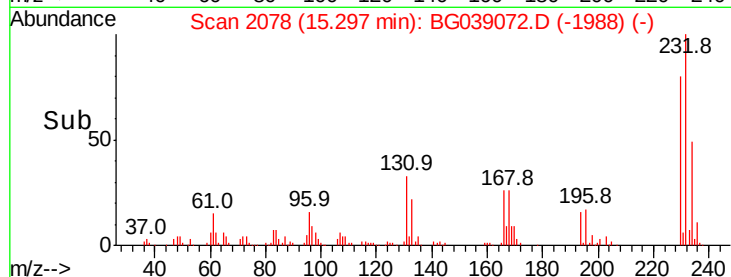
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.566 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.0	30.9	46.3
130	2.0	1.9	2.9
166	26.4	22.1	33.1

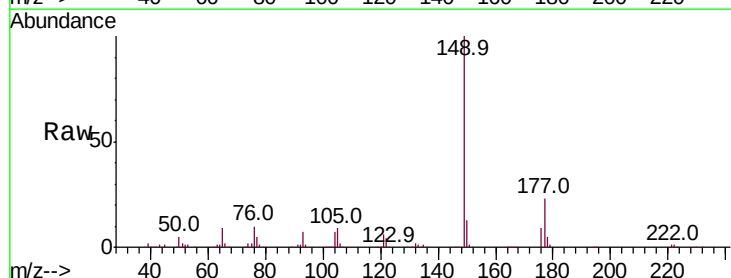


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

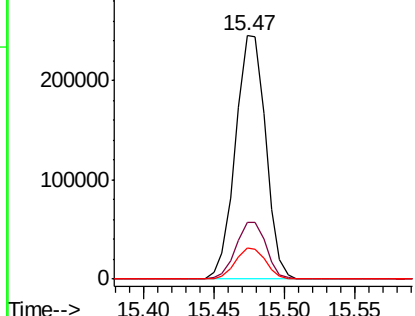
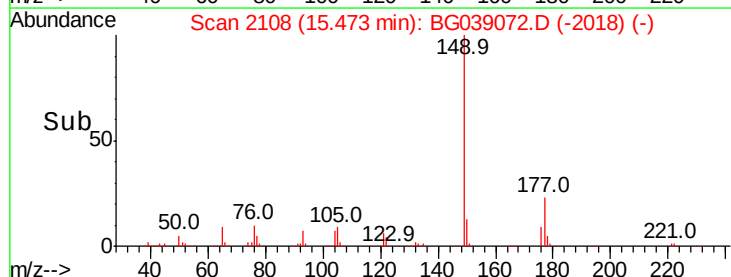


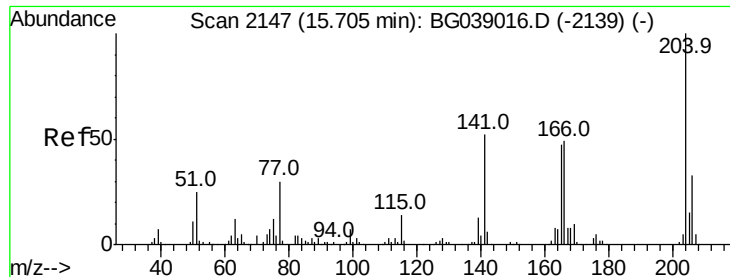
#60
Diethylphthalate
Concen: 40.185 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.0	28.6
150	12.6	10.2	15.4



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

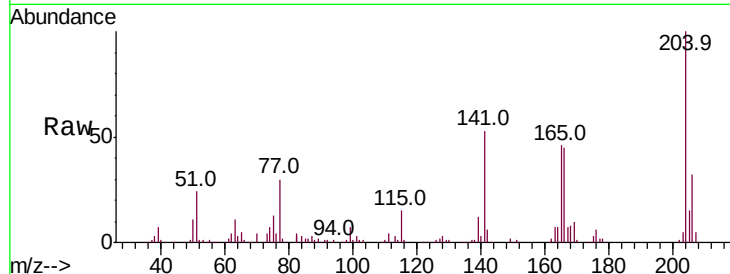




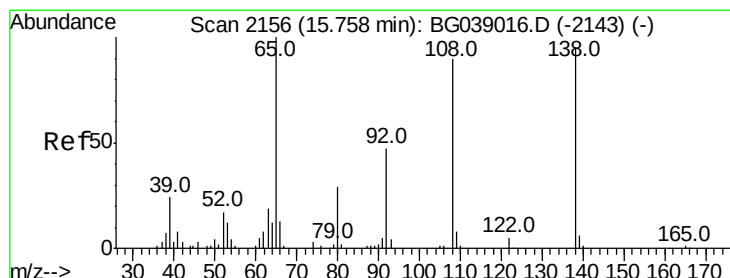
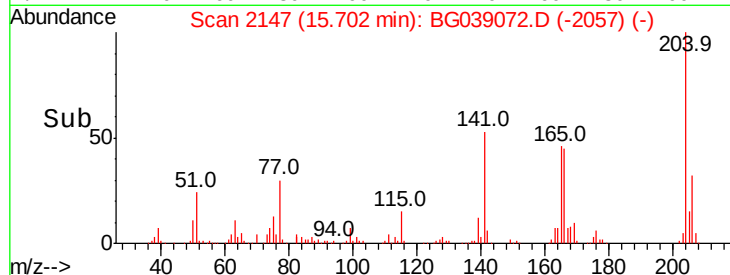
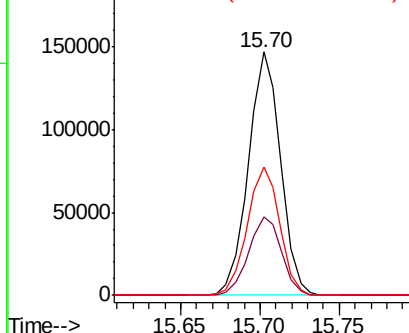
#61
 4-Chlorophenyl-phenylether
 Concen: 40.530 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 206013
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 39.8
 141 52.9 41.4 62.0

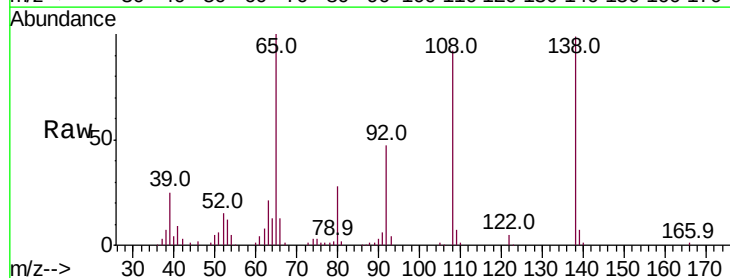


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

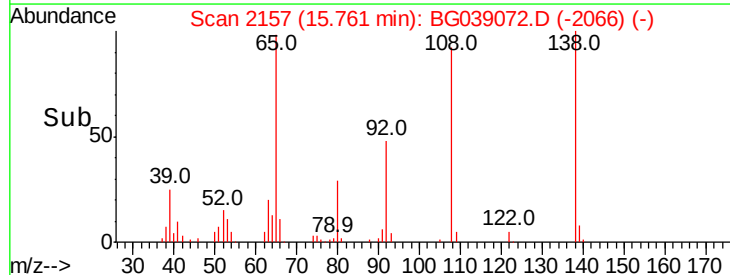
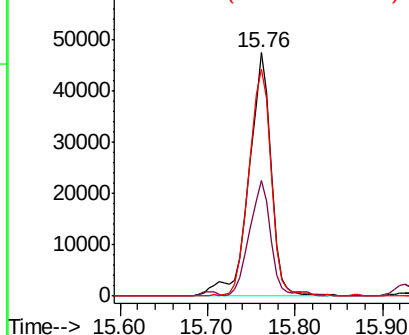


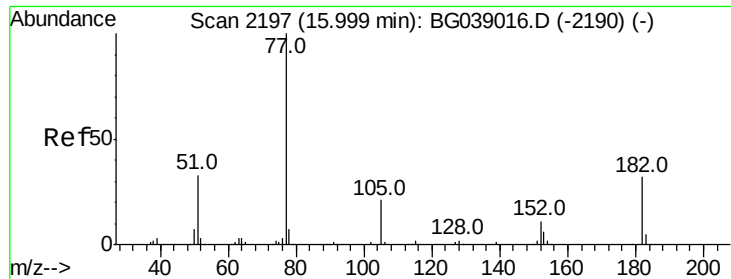
#62
 4-Nitroaniline
 Concen: 38.873 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion:138 Resp: 81345
 Ion Ratio Lower Upper
 138 100
 92 47.7 29.7 69.7
 108 93.4 75.7 115.7



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





#63

Azobenzene

Concen: 39.854 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 284400

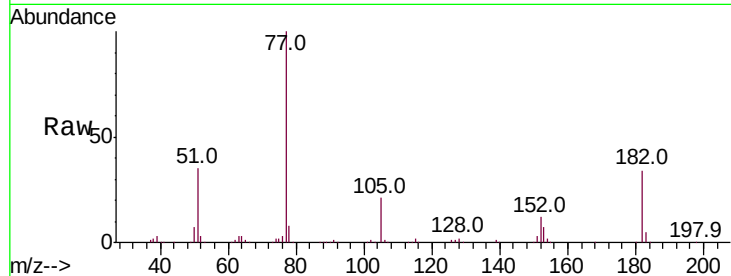
Ion Ratio Lower Upper

77 100

182 33.8 12.2 52.2

105 21.0 1.2 41.2

51 35.1 13.4 53.4

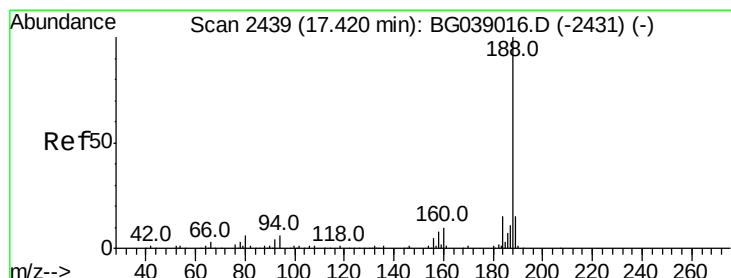
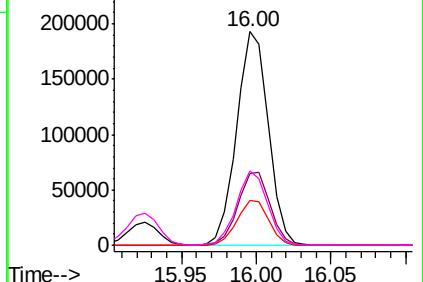
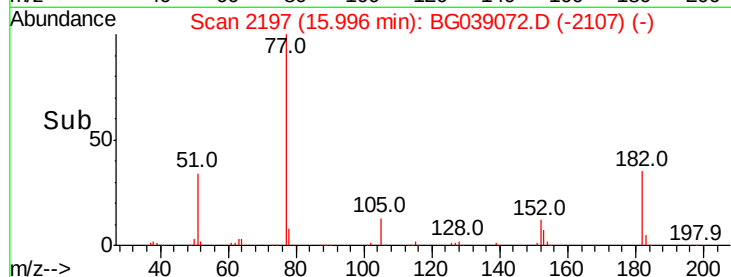


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

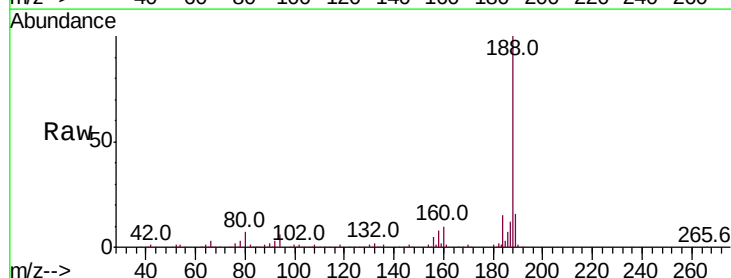
Tgt Ion: 188 Resp: 268247

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

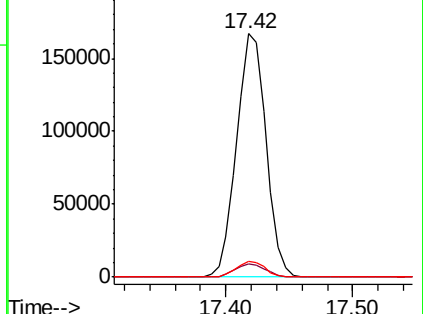
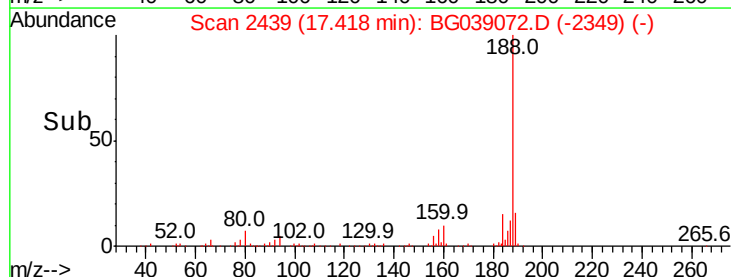
80 6.6 4.7 7.1

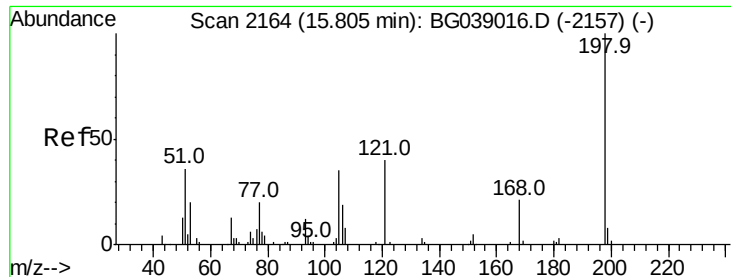


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 31.397 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

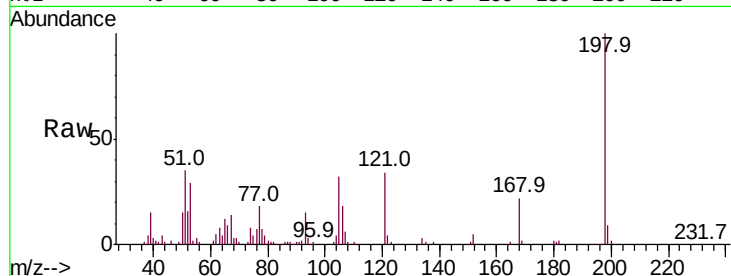
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 62396

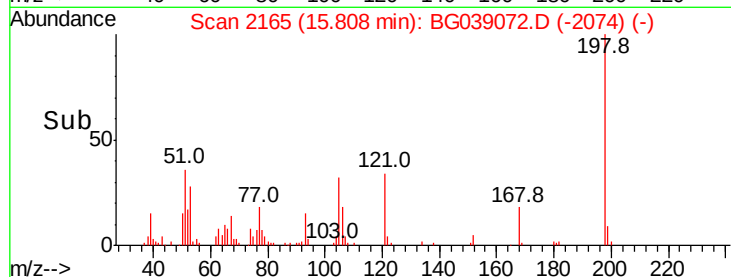
Ion	Ratio	Lower	Upper
198	100		
51	35.4	20.8	60.8
105	32.0	16.1	56.1



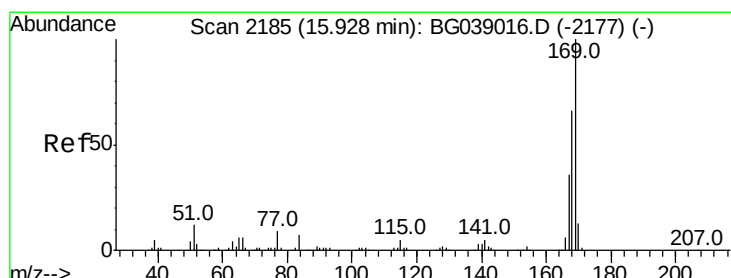
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039072.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.624 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

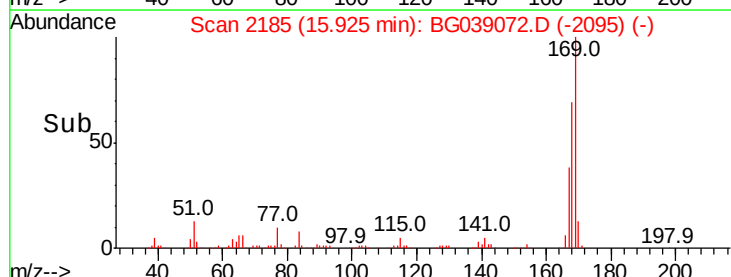
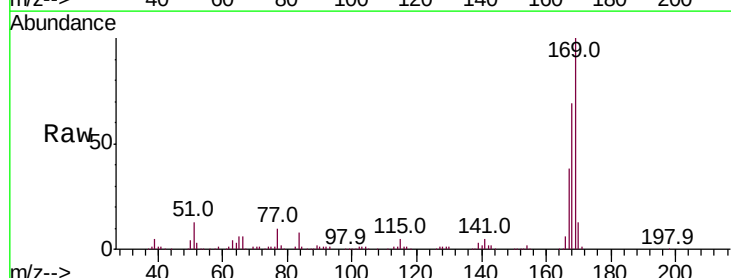
Tgt Ion:169 Resp: 323052

Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.2	79.8
167	37.6	29.1	43.7

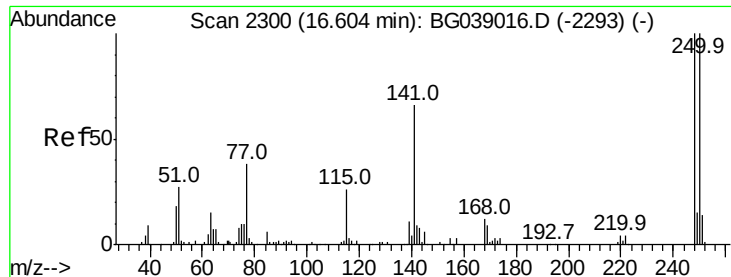
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



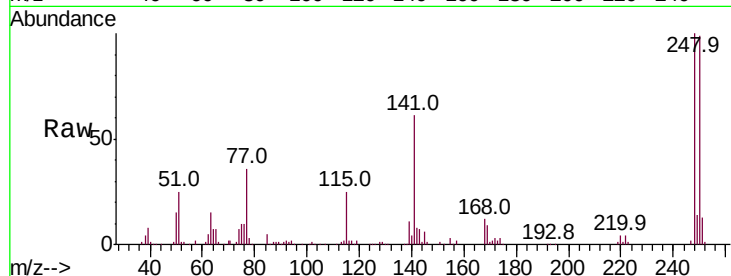
Time-->



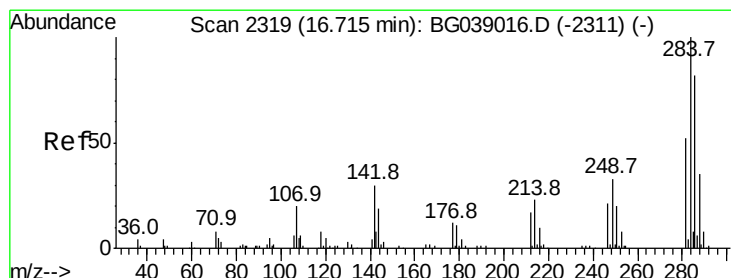
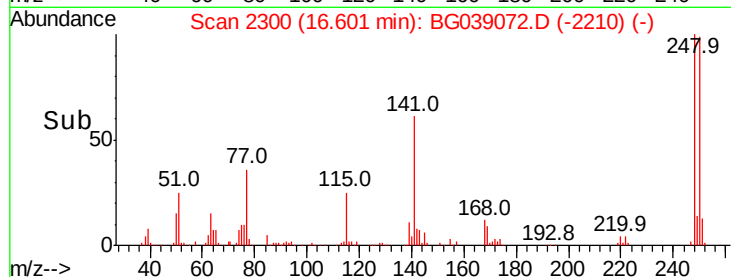
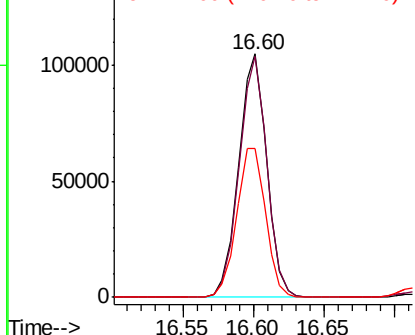
#67
 4-Bromophenyl-phenylether
 Concen: 42.031 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 144932
 Ion Ratio Lower Upper
 248 100
 250 99.3 79.9 119.9
 141 61.3 52.7 79.1

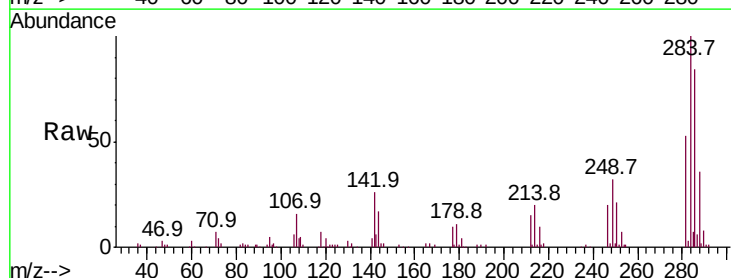


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

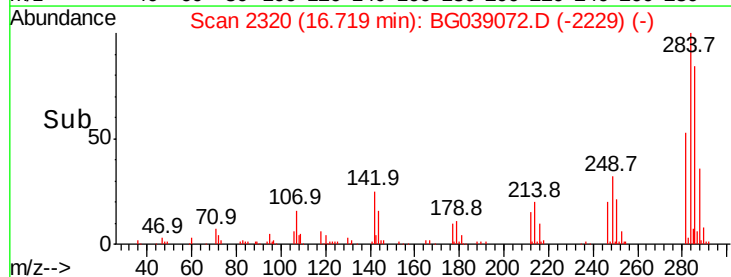
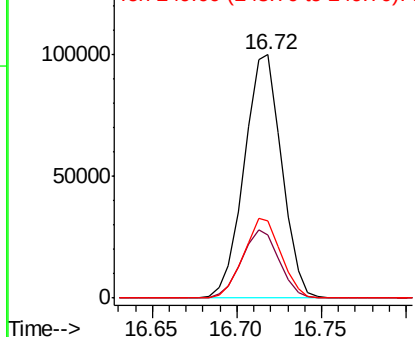


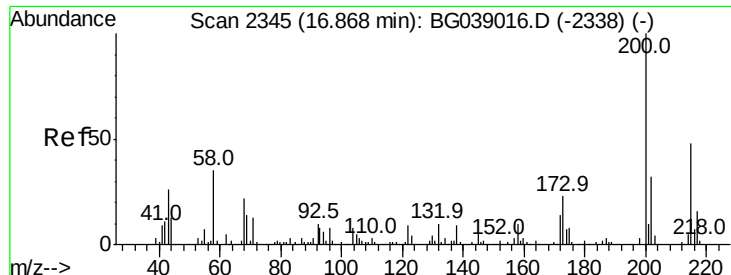
#68
 Hexachlorobenzene
 Concen: 41.025 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion:284 Resp: 154361
 Ion Ratio Lower Upper
 284 100
 142 25.7 24.3 36.5
 249 34.1 27.8 41.8



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





#69

Atrazine

Concen: 39.152 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

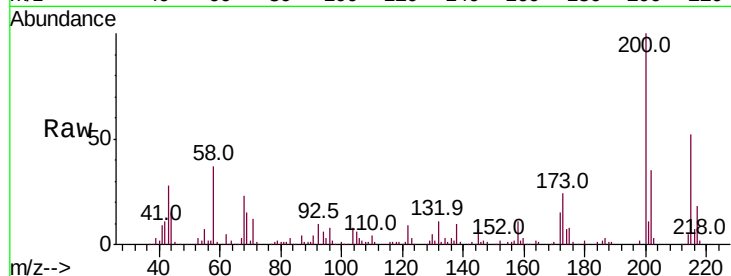
Tot Ion:200 Resp: 132264

Ion Ratio Lower Upper

200 100

173 23.6 2.6 42.6

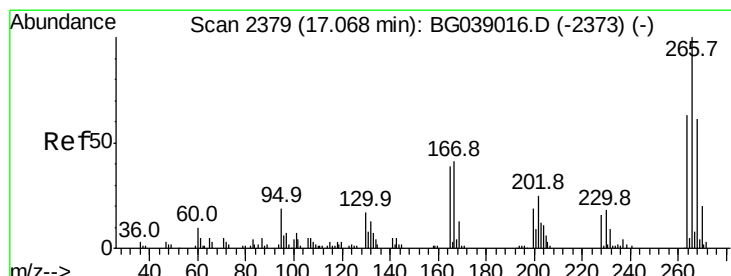
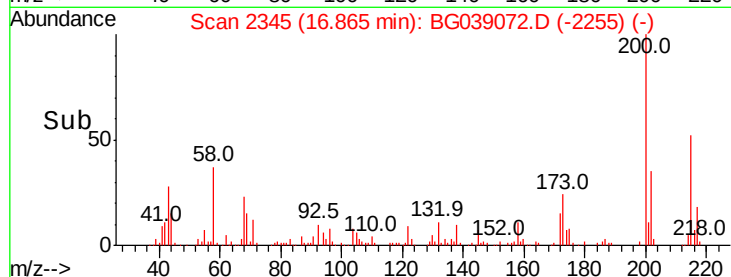
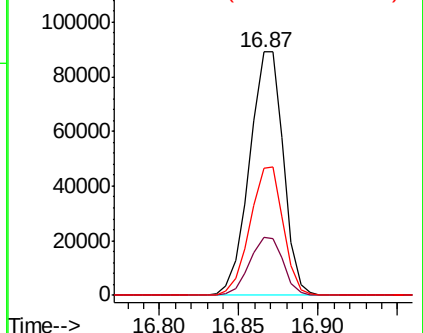
215 52.4 28.0 68.0



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: 33.961 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

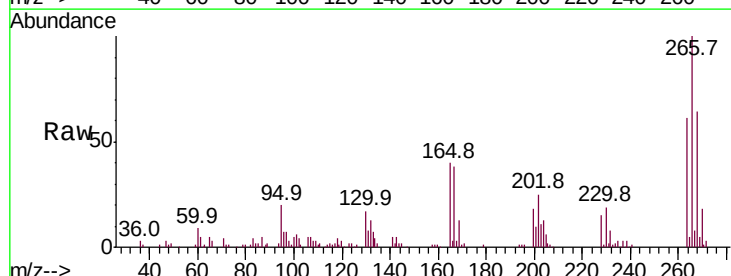
Tgt Ion:266 Resp: 70586

Ion Ratio Lower Upper

266 100

268 68.7 52.0 78.0

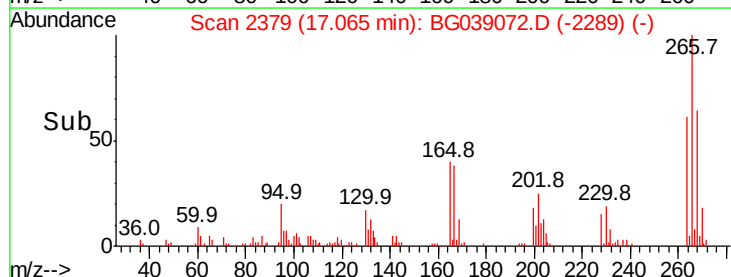
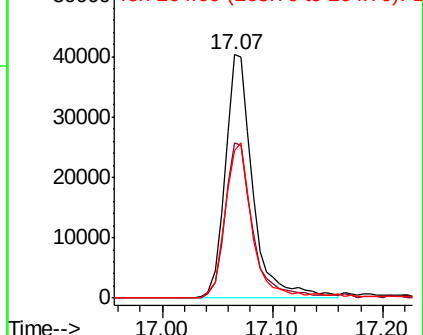
264 60.8 54.6 81.8

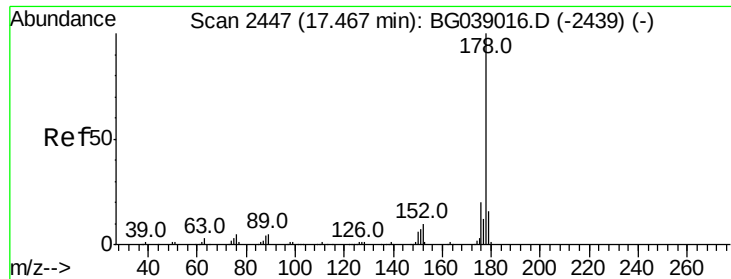


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.393 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

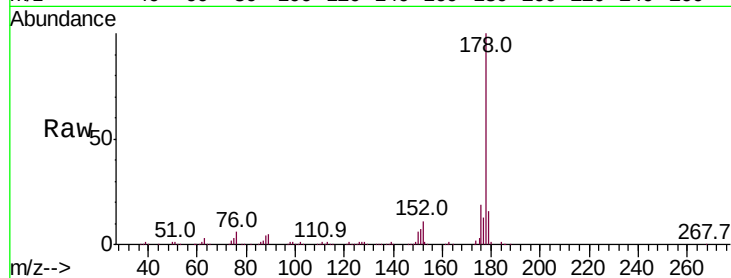
Tot Ion:178 Resp: 544361

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

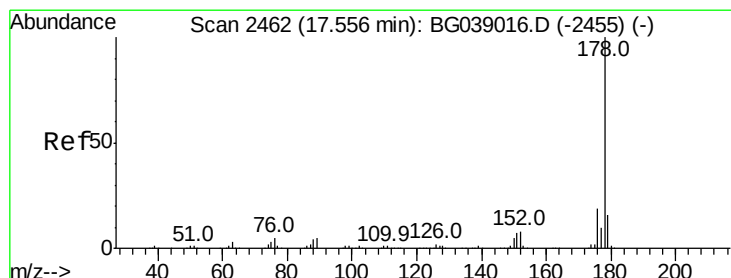
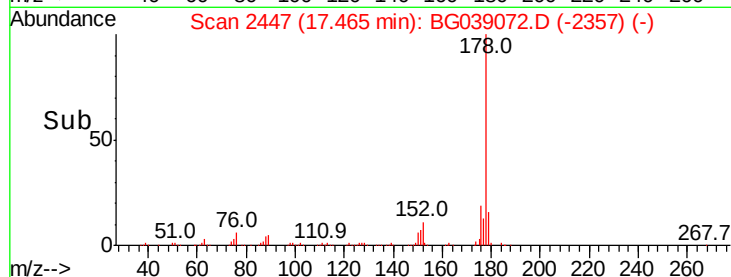
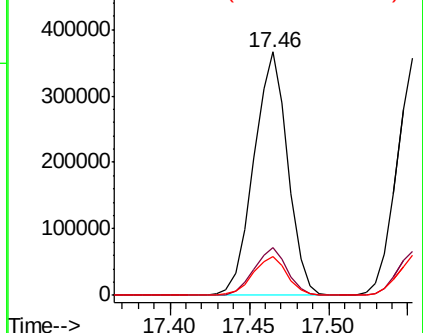
179 16.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.669 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

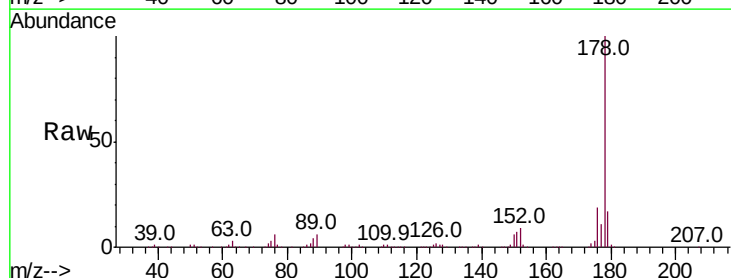
Tgt Ion:178 Resp: 542105

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

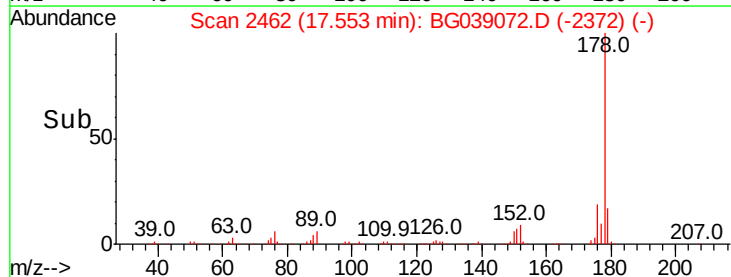
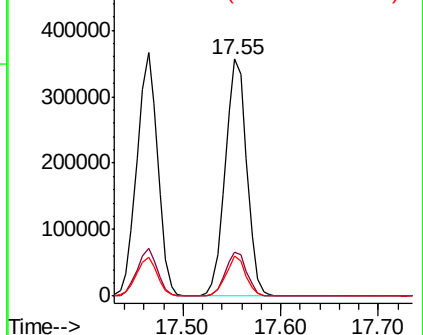
179 16.8 13.0 19.4

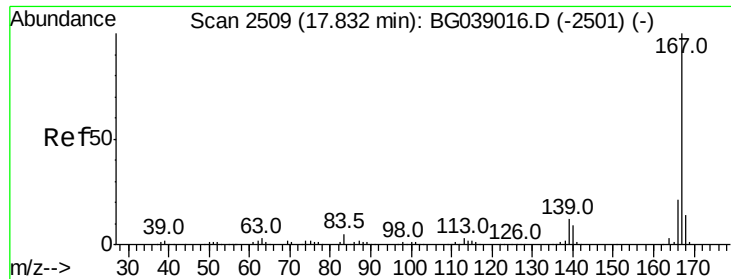


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

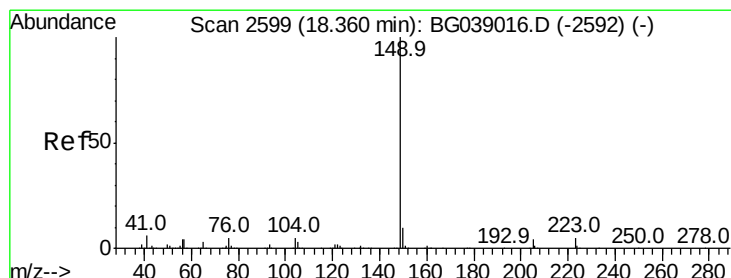
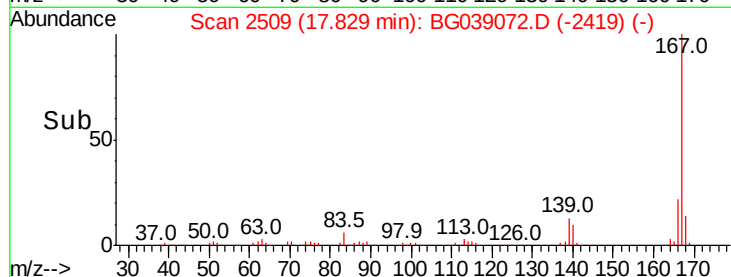
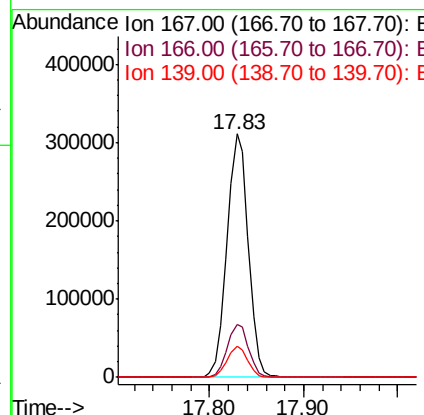
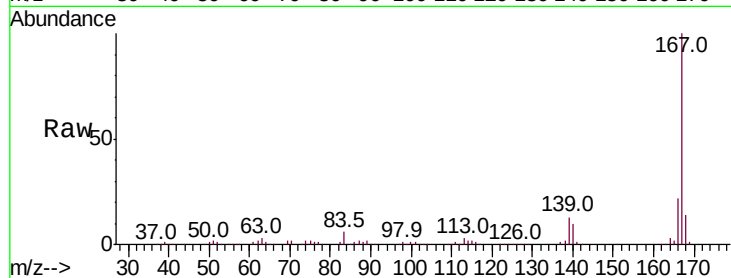




#73
 Carbazole
 Concen: 35.457 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

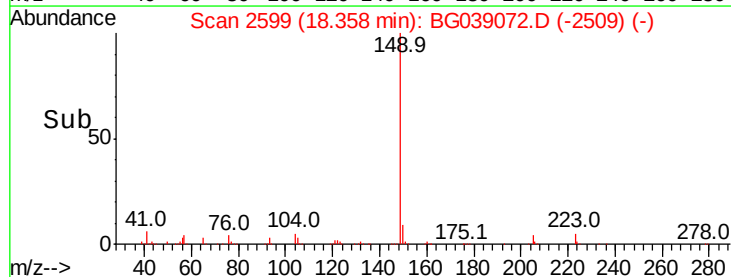
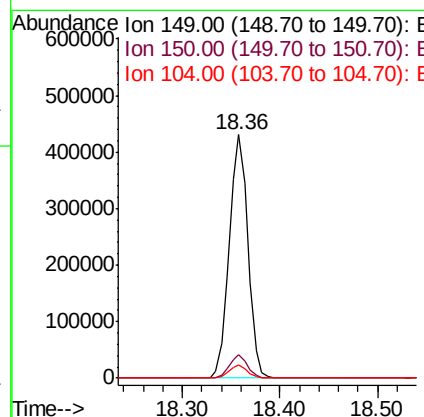
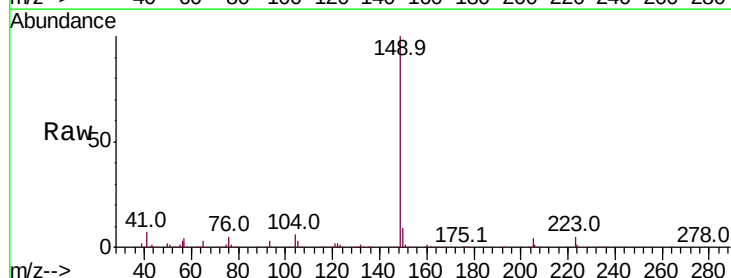
Instrument :
 BNA_G
 ClientSampleId :

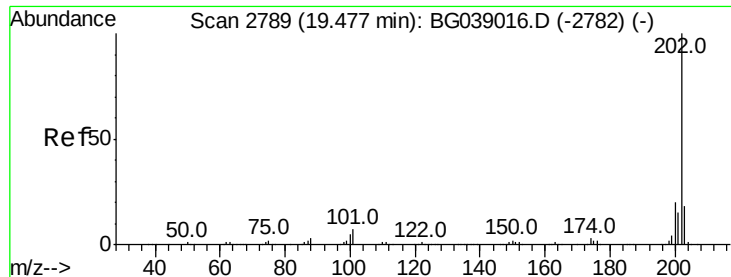
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.9	25.3
139	12.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.913 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

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





#75

Fluoranthene

Concen: 32.470 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

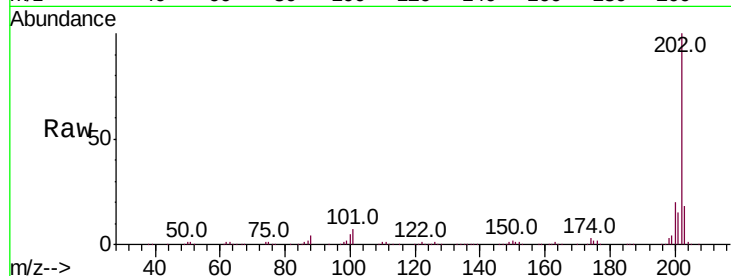
Tot Ion:202 Resp: 570732

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.9

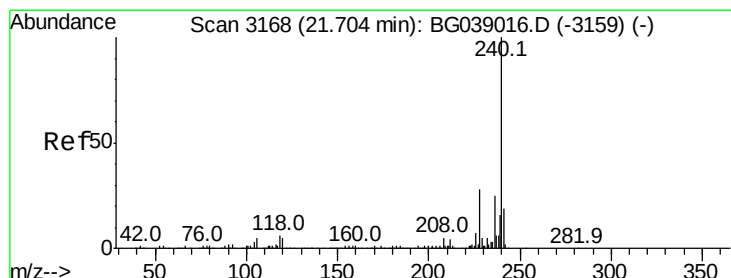
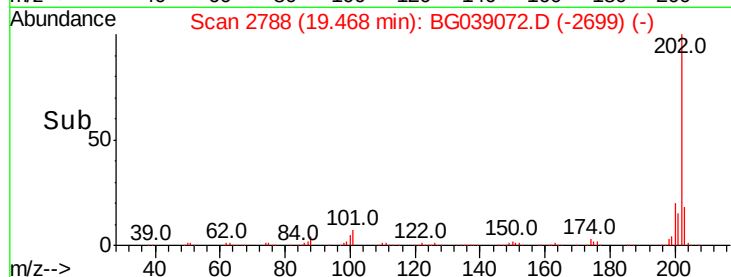
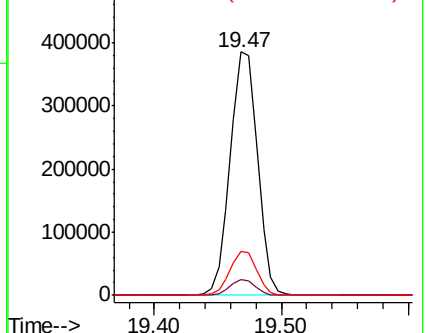
203 18.2 0.0 38.1



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: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

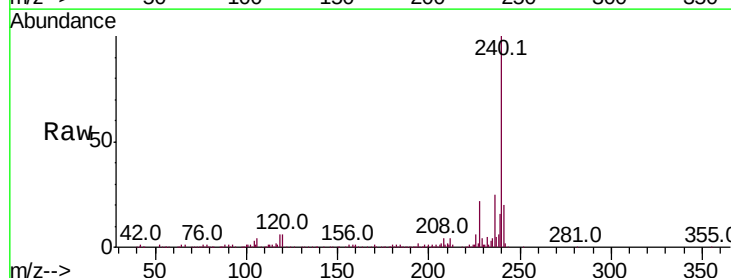
Tgt Ion:240 Resp: 213205

Ion Ratio Lower Upper

240 100

120 5.7 4.3 6.5

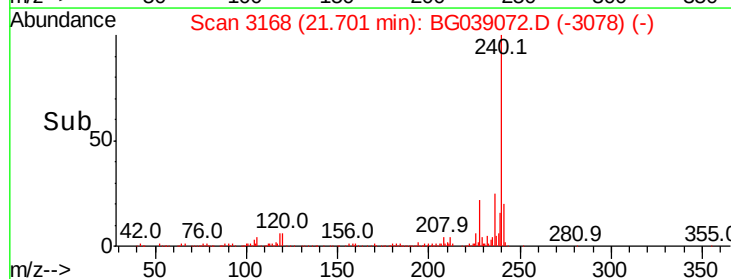
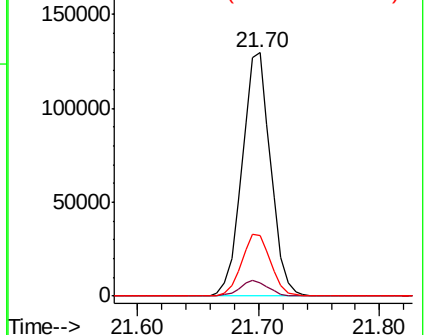
236 25.0 20.1 30.1

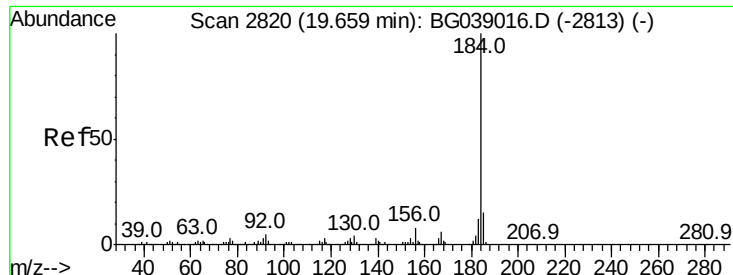


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.983 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

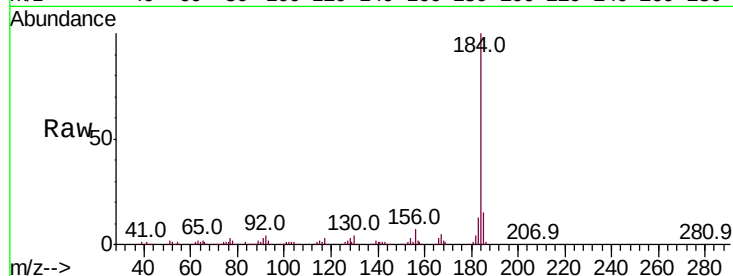
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 228128

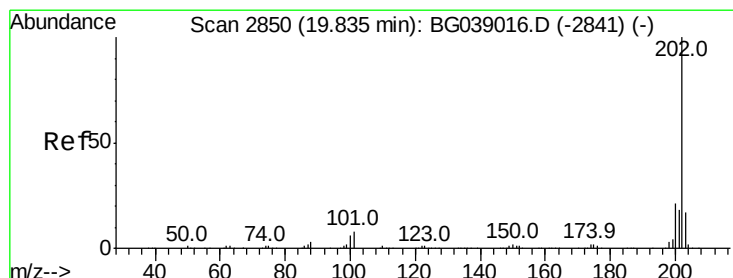
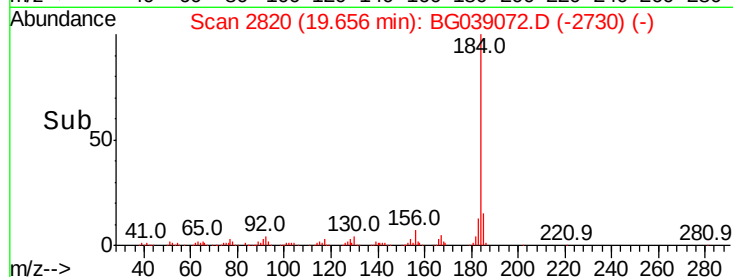
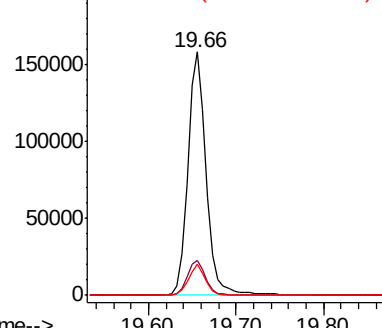
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.1	18.1
183	12.6	9.5	14.3



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: 40.846 ng

RT: 19.83 min Scan# 2850

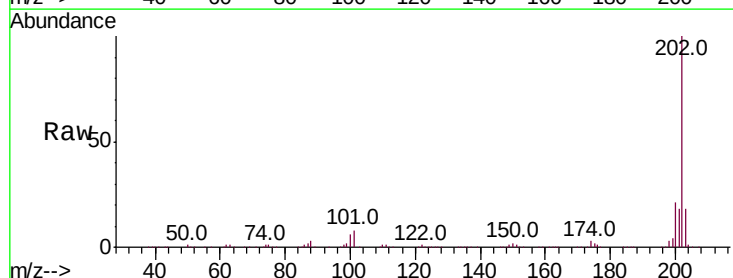
Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Tgt Ion:202 Resp: 554981

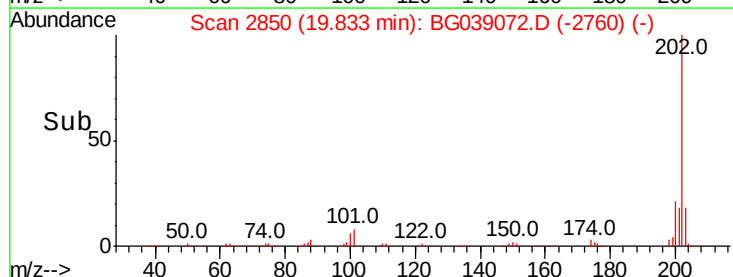
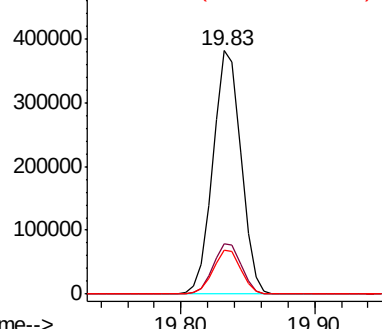
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	18.2	14.0	21.0

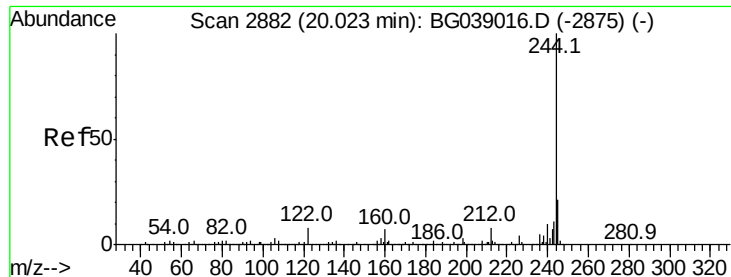


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.180 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampled :

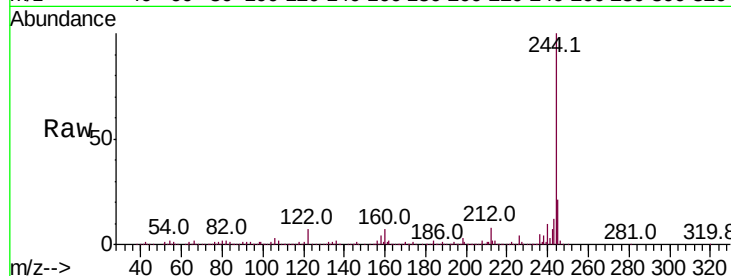
Tot Ion:244 Resp: 912571

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

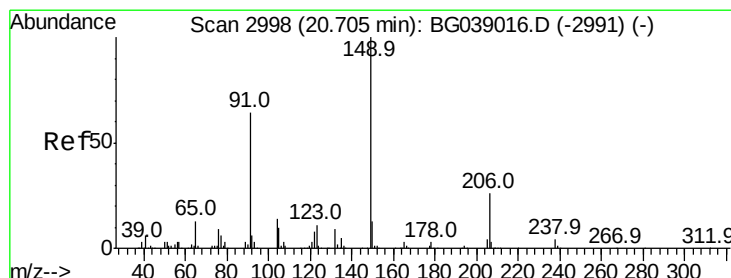
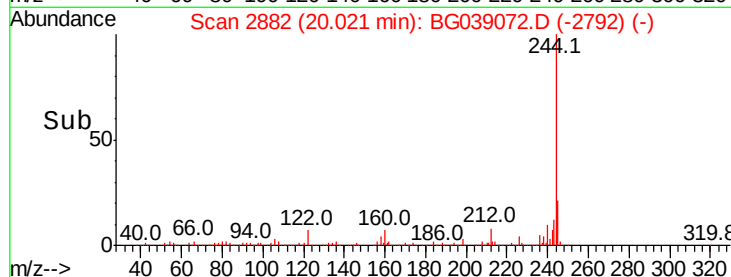
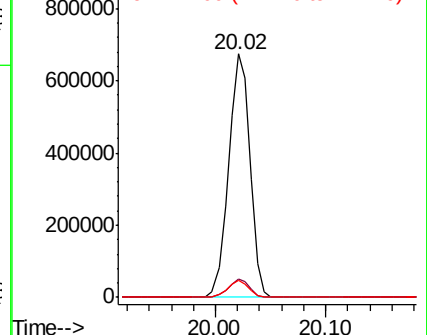
122 7.0 6.1 9.1



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: 38.766 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

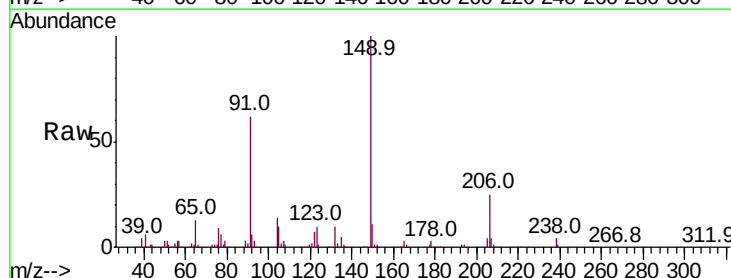
Tgt Ion:149 Resp: 200332

Ion Ratio Lower Upper

149 100

91 62.3 51.4 77.0

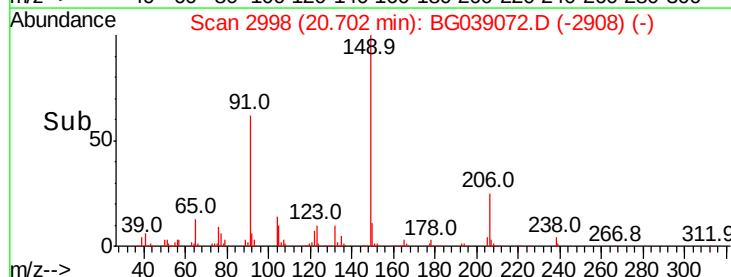
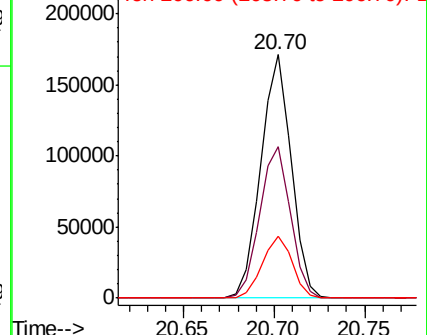
206 25.4 20.4 30.6

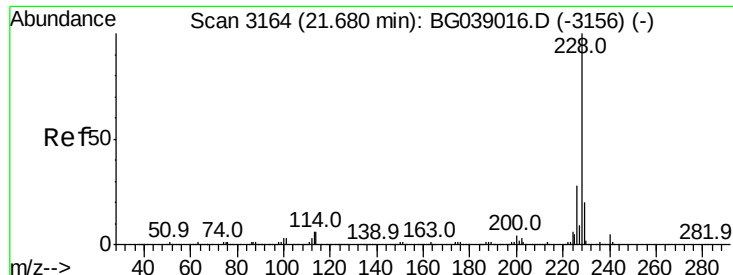


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.842 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

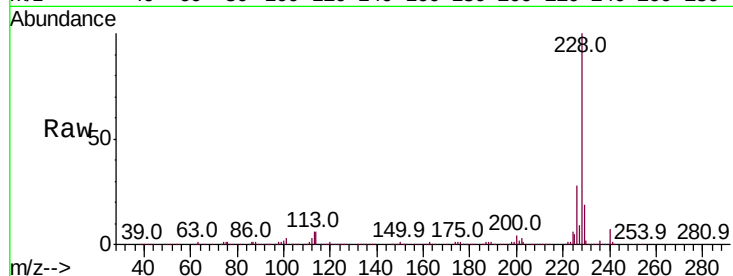
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 517108

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.5	16.2	24.2

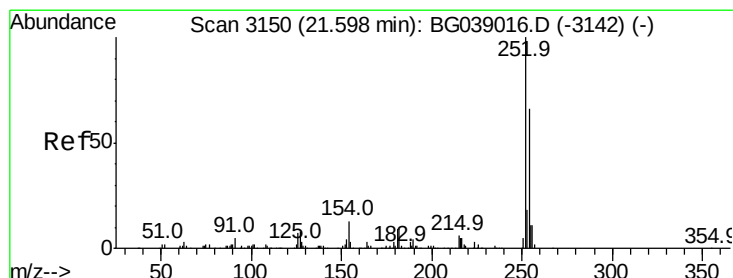
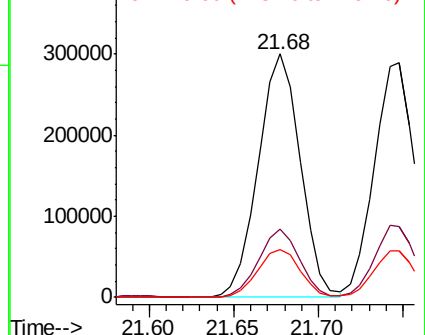
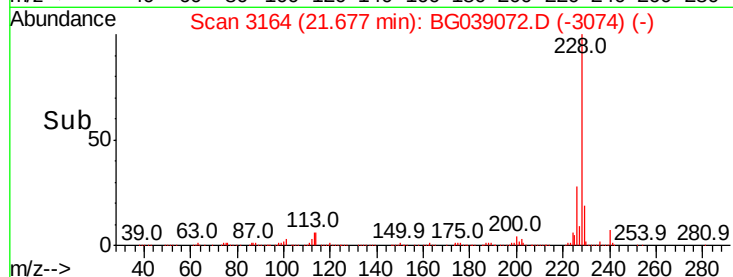


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.985 ng

RT: 21.60 min Scan# 3150

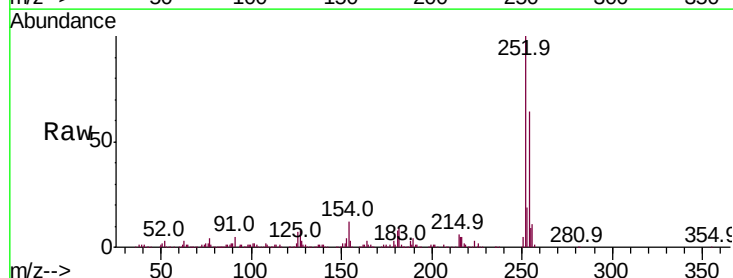
Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Tgt Ion:252 Resp: 216735

Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.0	79.6
126	7.1	6.0	9.0

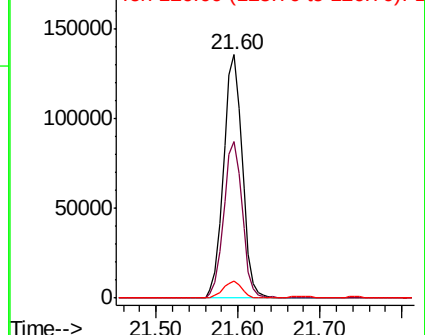
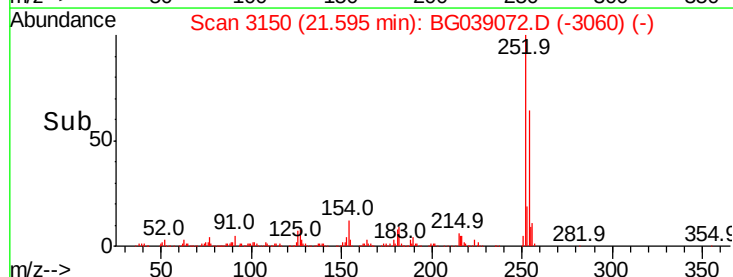


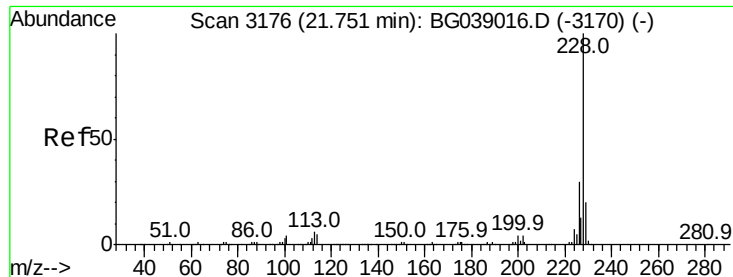
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

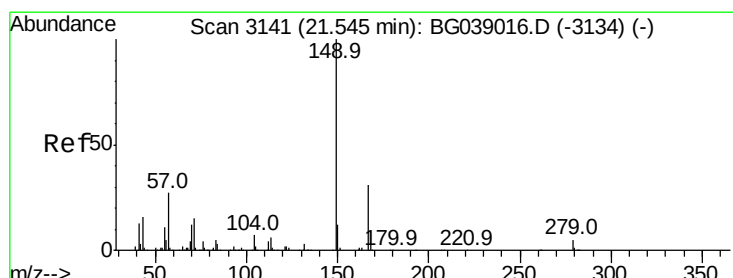
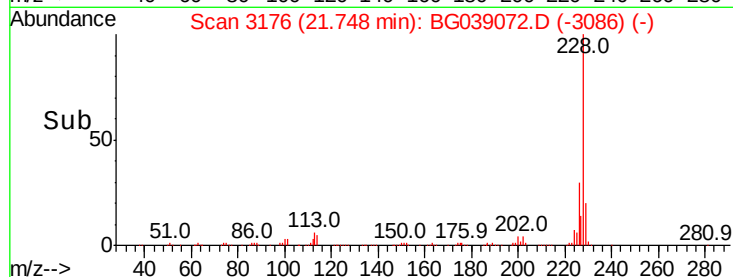
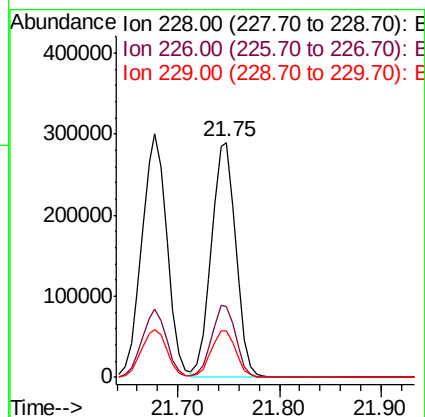
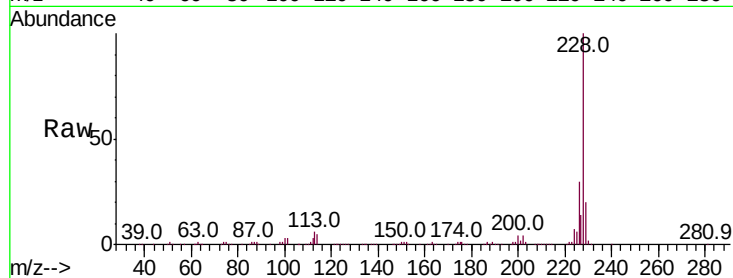




#83
 Chrysene
 Concen: 39.322 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

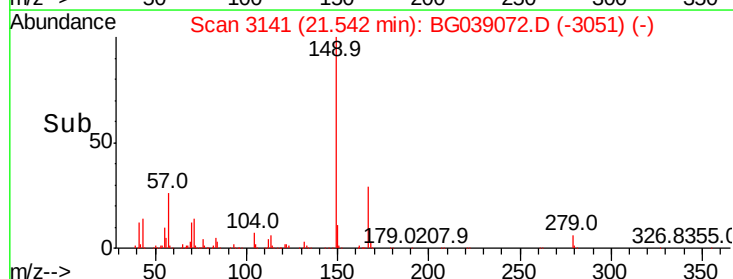
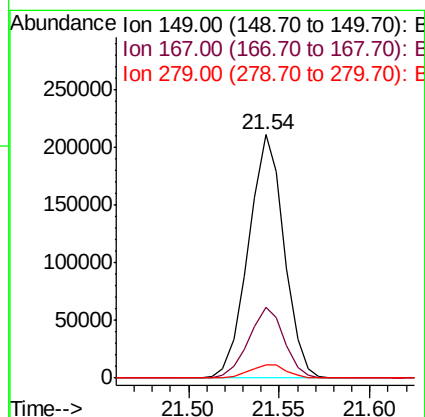
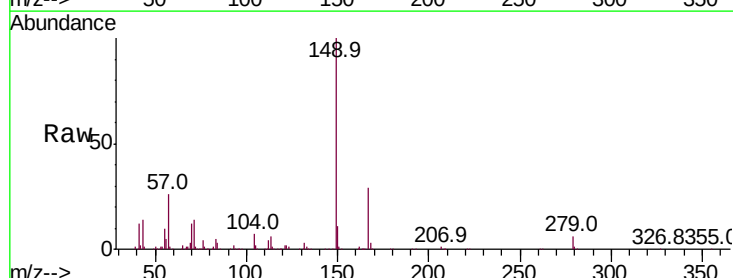
Instrument :
 BNA_G
 ClientSampleId :

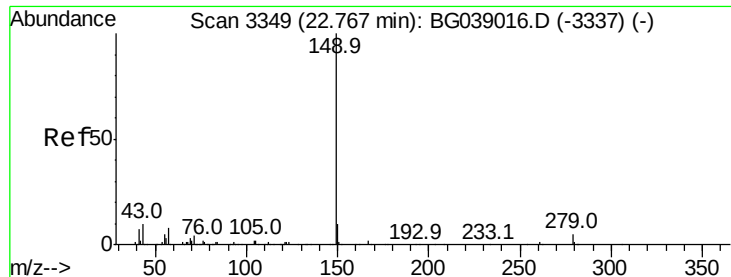
Tot Ion:228	Resp:	485393
Ion Ratio	Lower	Upper
228 100		
226 30.4	24.1	36.1
229 20.0	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.169 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039072.D
 Acq: 11 Jan 2019 3:50

Tgt Ion:149	Resp:	288233
Ion Ratio	Lower	Upper
149 100		
167 29.0	25.0	37.4
279 5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 40.018 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

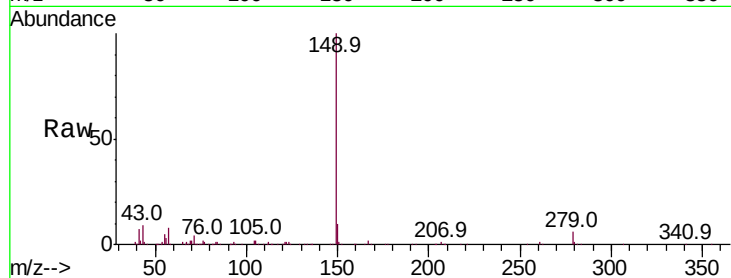
Tot Ion:149 Resp: 485538

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

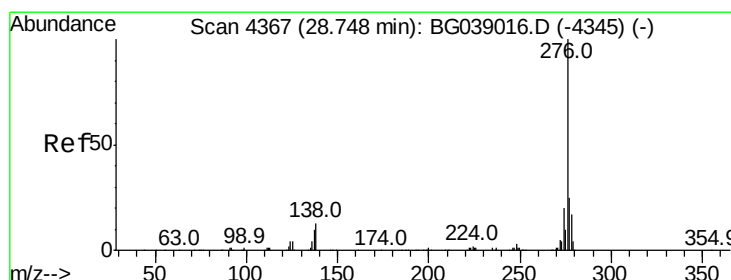
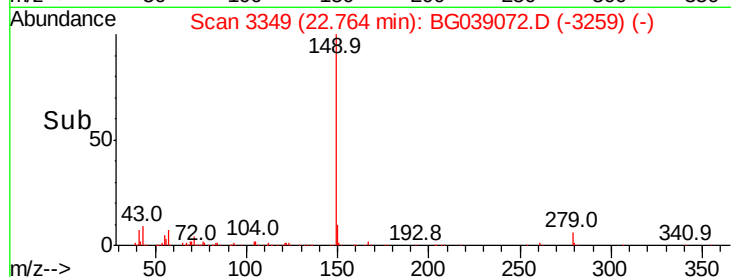
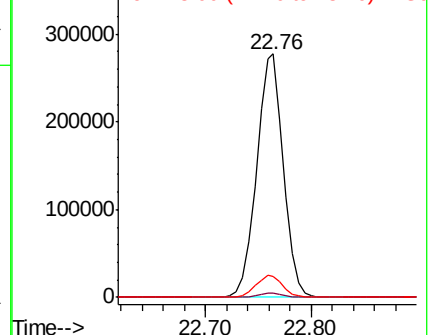
43 9.3 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.716 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

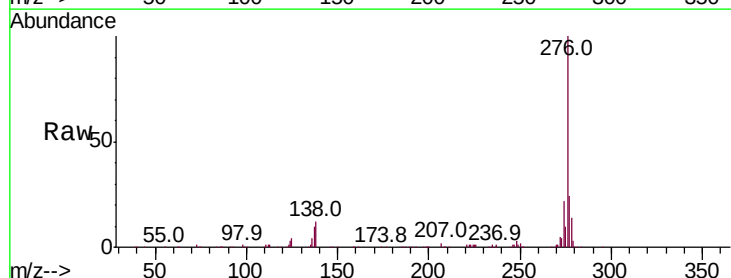
Tgt Ion:276 Resp: 600563

Ion Ratio Lower Upper

276 100

138 9.4 8.0 12.0

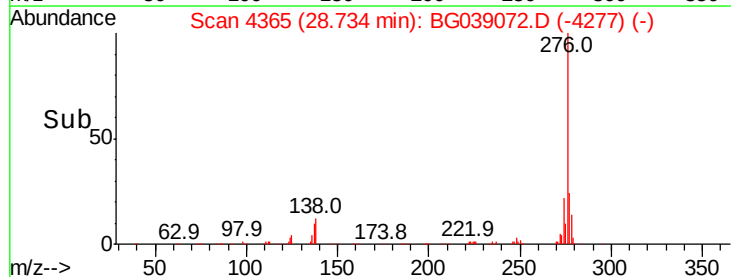
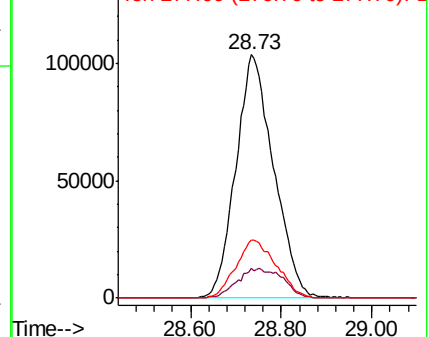
277 25.6 20.3 30.5

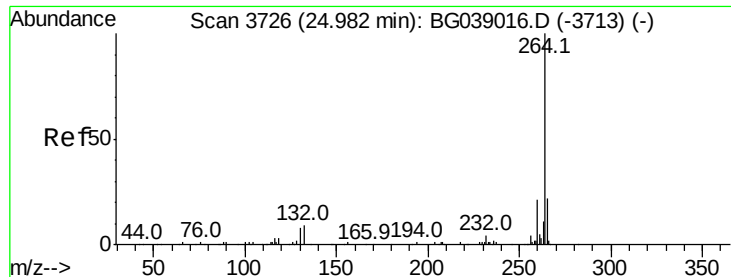


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



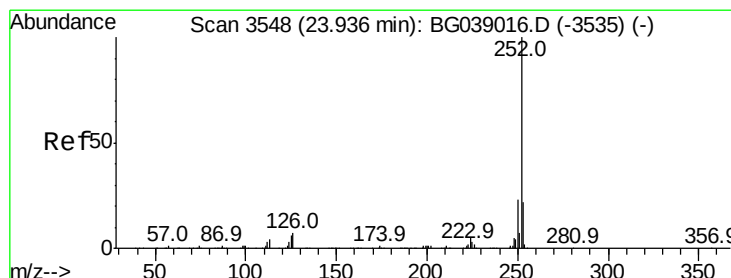
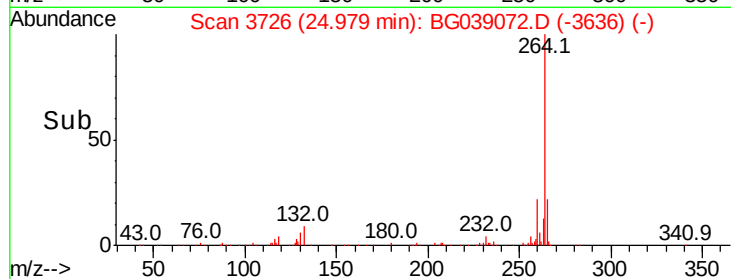
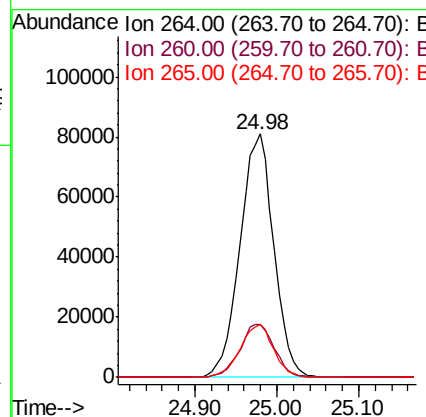
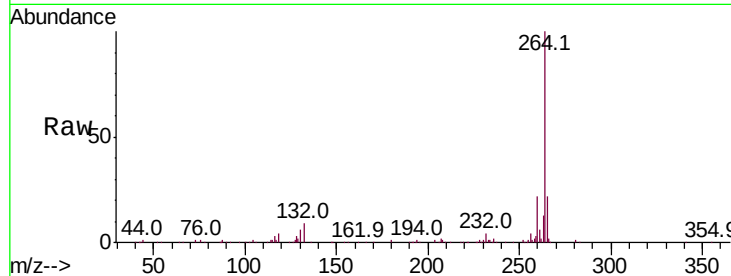


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 232089

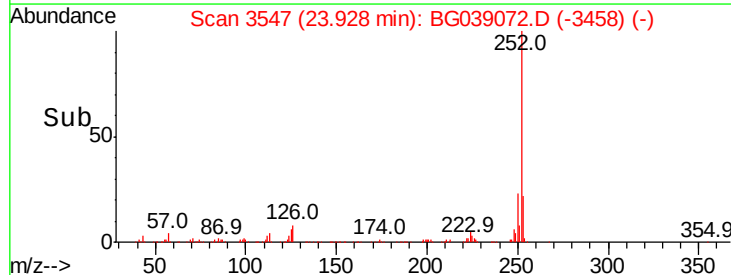
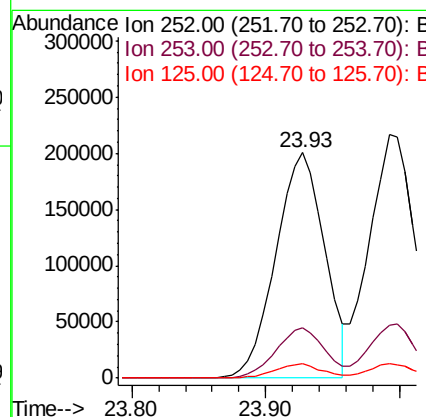
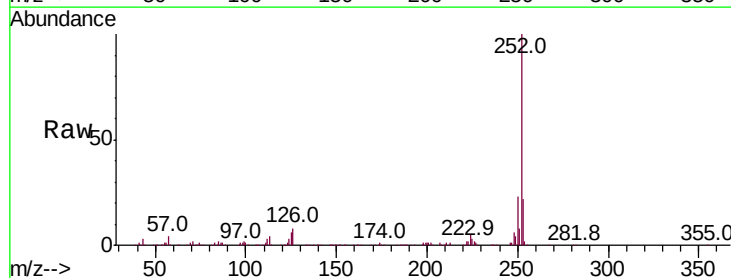
Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.0	25.6
265	21.8	17.2	25.8

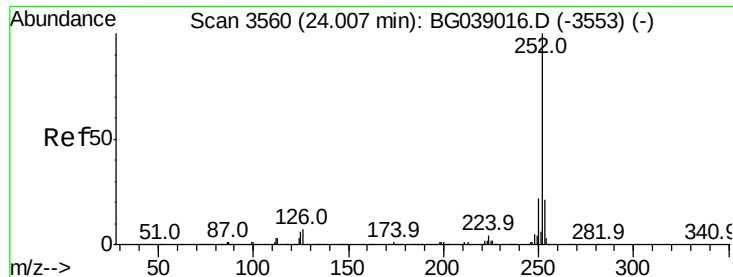


#88
Benzo(b)fluoranthene
Concen: 39.677 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion:252 Resp: 507765

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 41.054 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG039072.D

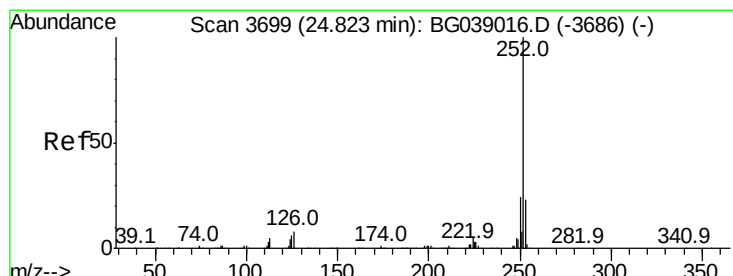
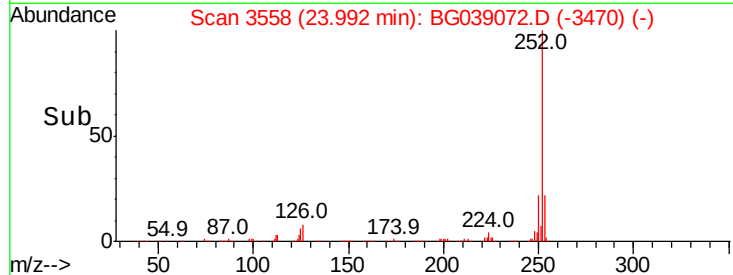
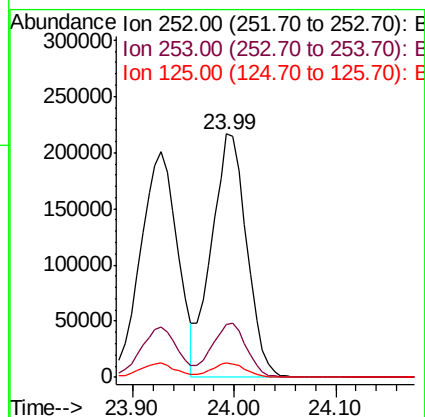
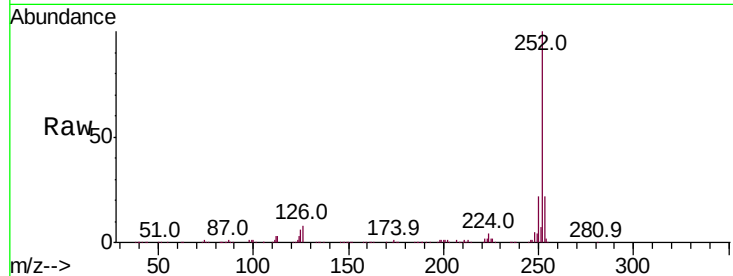
Acq: 11 Jan 2019 3:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	519461
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.1 25.7
125	5.8	4.6 7.0



#90

Benzo(a)pyrene

Concen: 40.634 ng

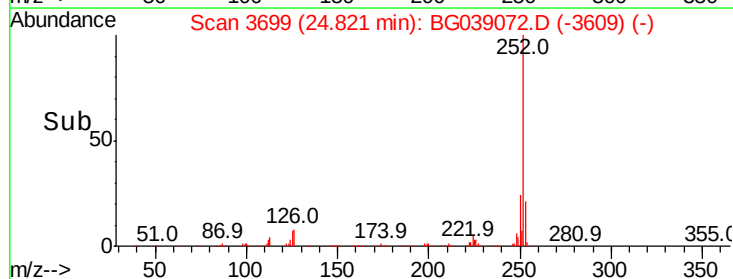
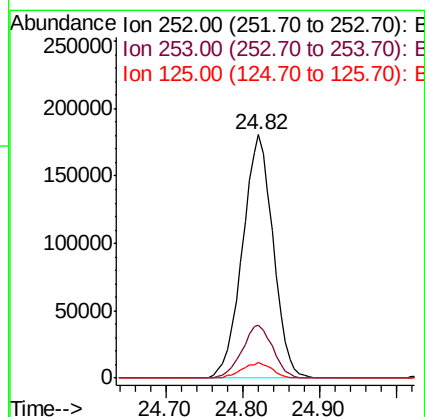
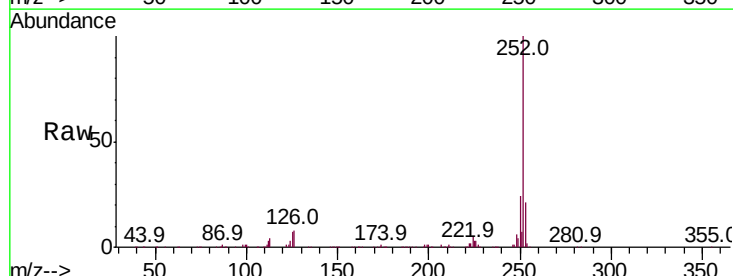
RT: 24.82 min Scan# 3699

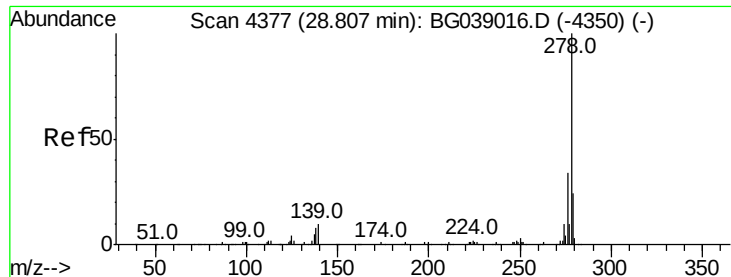
Delta R.T. -0.00 min

Lab File: BG039072.D

Acq: 11 Jan 2019 3:50

Tgt Ion:252	Resp:	502624
Ion Ratio	Lower	Upper
252	100	
253	21.5	18.3 27.5
125	6.7	4.9 7.3

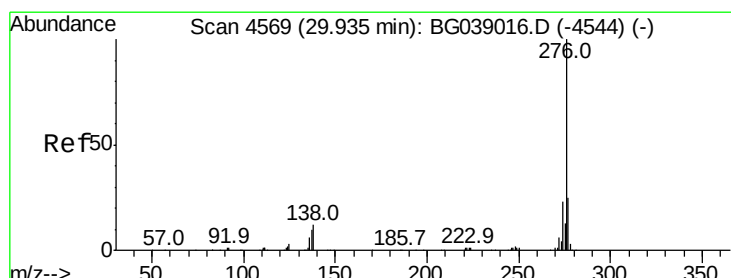
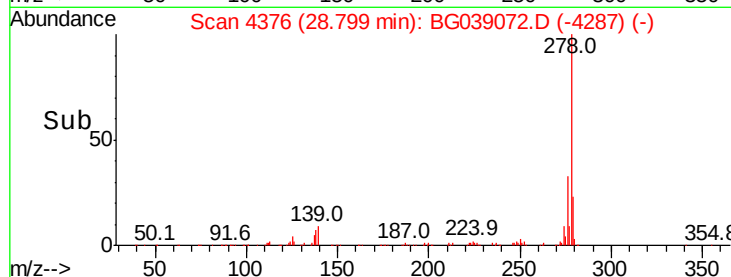
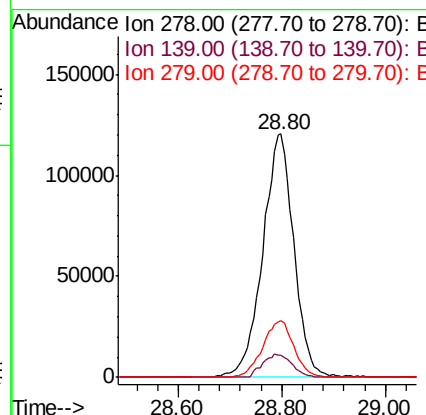
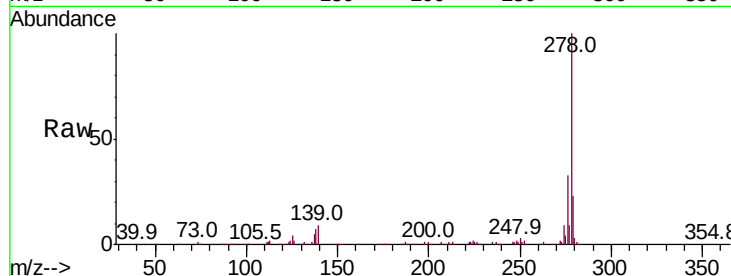




#91
Dibenzo(a,h)anthracene
Concen: 40.747 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.9	11.9
279	23.4	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.053 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.01 min
Lab File: BG039072.D
Acq: 11 Jan 2019 3:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	20.3	30.5
138	13.6	9.4	14.2

