

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039214.D
 Acq On : 18 Jan 2019 13:50
 Operator : JU/SJ
 Sample : PB116467BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Quant Time: Jan 18 14:52:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18817	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	69581	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	58229	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	142703	20.00	ng	0.00
76) Chrysene-d12	21.67	240	153563	20.00	ng	0.00
87) Perylene-d12	24.94	264	151674	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	150047	151.27	ng	0.00
7) Phenol-d6	7.17	99	194139	136.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	109506	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	126346	129.44	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	298966	70.27	ng	0.00
79) Terphenyl-d14	20.01	244	658782	79.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	12165	31.317	ng	# 90
3) Pyridine	3.84	79	29405	27.859	ng	97
4) n-Nitrosodimethylamine	3.77	42	19106	40.226	ng	97
6) Aniline	7.34	93	51028	29.764	ng	97
8) 2-Chlorophenol	7.57	128	49192	42.070	ng	97
9) Benzaldehyde	7.15	77	9857	11.973	ng	98
10) Phenol	7.20	94	58853	41.121	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	38767	35.440	ng	98
12) 1,3-Dichlorobenzene	7.90	146	53323	38.062	ng	98
13) 1,4-Dichlorobenzene	8.04	146	54152	38.166	ng	95
14) 1,2-Dichlorobenzene	8.36	146	51359	37.964	ng	97
15) Benzyl Alcohol	8.25	79	47949	44.602	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80840	38.541	ng	97
17) 2-Methylphenol	8.45	107	43282	43.552	ng	93
18) Hexachloroethane	9.08	117	16968	35.201	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	33463	35.697	ng	97
20) 3+4-Methylphenols	8.78	107	58416	41.228	ng	94
22) Acetophenone	8.84	105	69248	38.109	ng	# 99
24) Nitrobenzene	9.23	77	50955	39.645	ng	99
25) Isophorone	9.74	82	94628	43.202	ng	99
26) 2-Nitrophenol	9.94	139	29056	41.795	ng	96
27) 2,4-Dimethylphenol	9.99	122	48438	49.524	ng	86
28) bis(2-Chloroethoxy)methane	10.22	93	56086	42.605	ng	99
29) 2,4-Dichlorophenol	10.48	162	55043	45.300	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	55851	38.255	ng	98
31) Naphthalene	10.88	128	146097	41.864	ng	98
32) Benzoic acid	10.16	122	27606	46.307	ng	93
33) 4-Chloroaniline	11.00	127	37552	24.048	ng	97
34) Hexachlorobutadiene	11.13	225	36624	36.457	ng	95
35) Caprolactam	11.79	113	8617	17.685	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	56221	43.260	ng	92
37) 2-Methylnaphthalene	12.48	142	130908	50.033	ng	100
38) 1-Methylnaphthalene	12.70	142	123516	49.183	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	75389	34.474	ng	99

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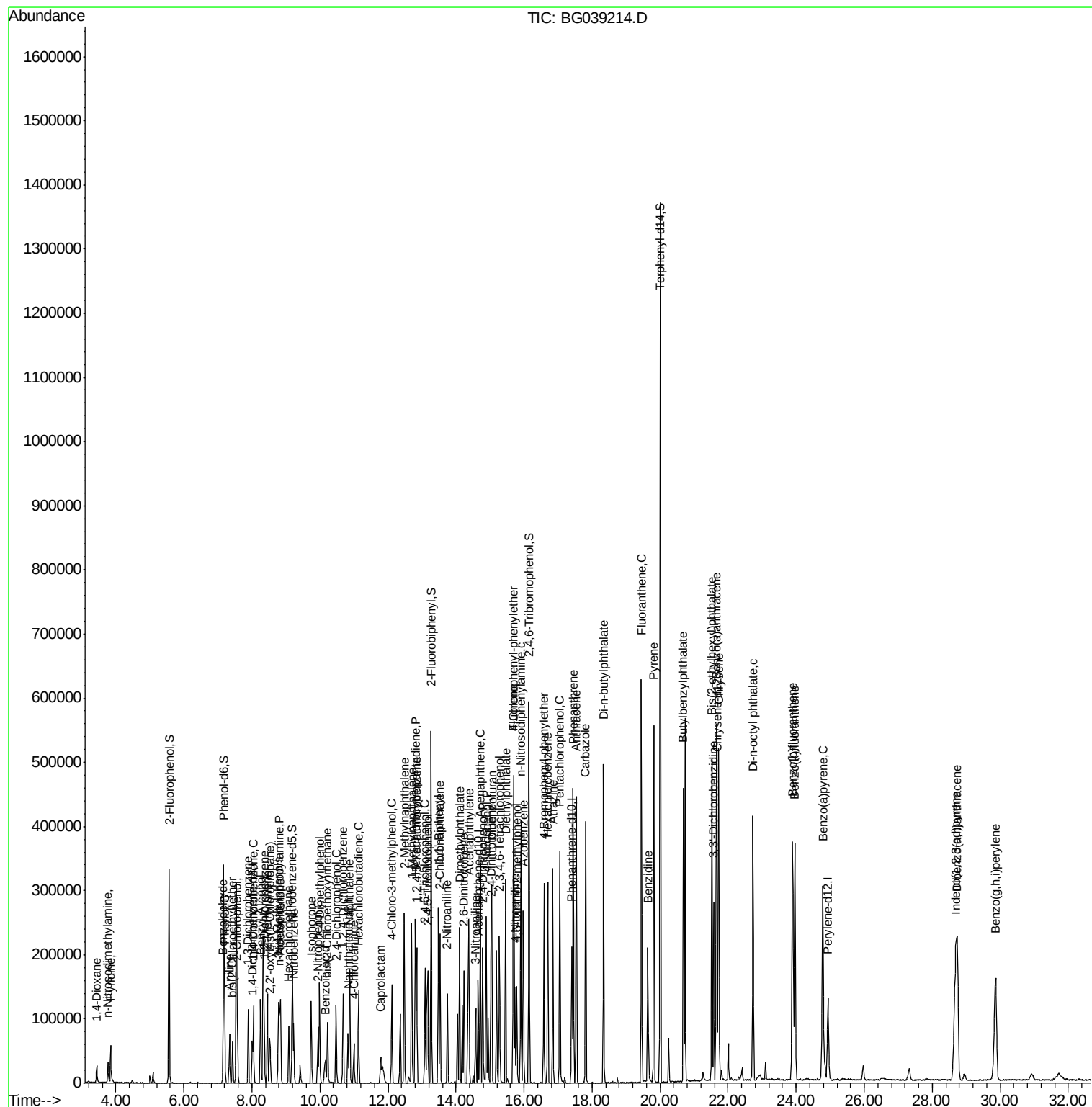
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	83658	68.790	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	51761	37.608	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	56622	38.924	nq	97
46) 1,1'-Biphenyl	13.48	154	147922	32.060	nq	100
47) 2-Chloronaphthalene	13.53	162	124012	33.214	nq	98
48) 2-Nitroaniline	13.75	65	41009	39.205	nq	97
49) Acenaphthylene	14.38	152	205070	36.541	nq	99
50) Dimethylphthalate	14.11	163	177437	36.060	nq	99
51) 2,6-Dinitrotoluene	14.24	165	40900	37.178	nq	93
52) Acenaphthene	14.72	154	128349	38.065	nq	97
53) 3-Nitroaniline	14.58	138	33979	30.447	nq	95
54) 2,4-Dinitrophenol	14.78	184	59426	89.653	nq	97
55) Dibenzofuran	15.05	168	213148	35.793	nq	98
56) 4-Nitrophenol	14.89	139	69654	86.743	nq	96
57) 2,4-Dinitrotoluene	15.02	165	61175	38.760	nq	96
58) Fluorene	15.70	166	175324	39.113	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	53782	39.166	nq	99
60) Diethylphthalate	15.46	149	188116	37.106	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	96637	34.220	nq	99
62) 4-Nitroaniline	15.74	138	44809	38.542	nq	100
63) Azobenzene	15.98	77	155512	39.225	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	41529	39.281	nq	97
66) n-Nitrosodiphenylamine	15.90	169	173194	40.940	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	68850	37.533	nq	98
68) Hexachlorobenzene	16.70	284	72674	36.307	nq	99
69) Atrazine	16.85	200	70447	39.199	nq	98
70) Pentachlorophenol	17.05	266	78997	65.045	nq	93
71) Phenanthrene	17.44	178	308557	40.907	nq	98
72) Anthracene	17.53	178	319038	42.779	nq	98
73) Carbazole	17.81	167	301470	40.948	nq	98
74) Di-n-butylphthalate	18.34	149	388501	47.434	nq	99
75) Fluoranthene	19.45	202	412846	44.151	nq	100
77) Benzidine	19.64	184	136661	29.096	nq	99
78) Pyrene	19.82	202	396030	40.467	nq	98
80) Butylbenzylphthalate	20.68	149	149604	40.193	nq	95
81) Benzo(a)anthracene	21.66	228	384631	41.145	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	112472	29.529	nq	97
83) Chrysene	21.72	228	359458	40.430	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	218607	42.298	nq	96
85) Di-n-octyl phthalate	22.73	149	361738	41.393	nq	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	431098	40.579	nq	# 92
88) Benzo(b)fluoranthene	23.90	252	393513	47.052	nq	99
89) Benzo(k)fluoranthene	23.96	252	372982	45.106	nq	98
90) Benzo(a)pyrene	24.78	252	373328	46.182	nq	99
91) Dibenzo(a,h)anthracene	28.74	278	361062	44.904	nq	98
92) Benzo(g,h,i)perylene	29.86	276	360721	45.316	nq	98

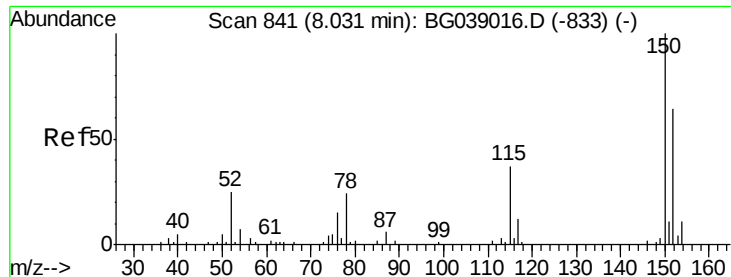
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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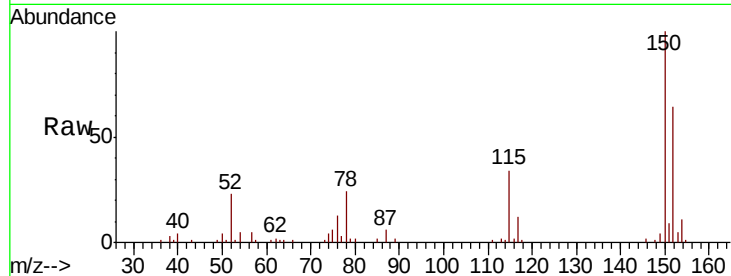


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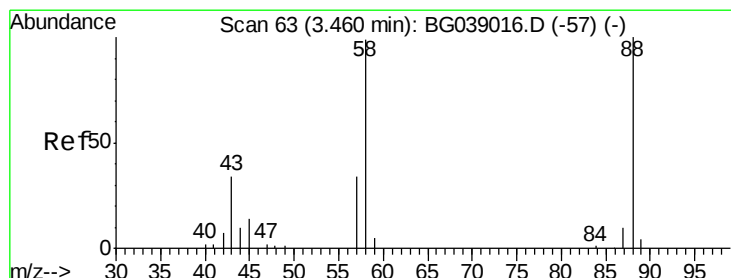
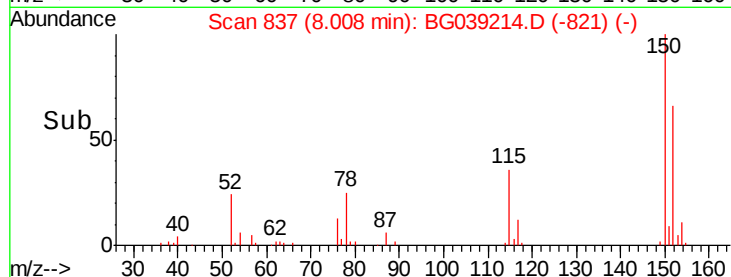
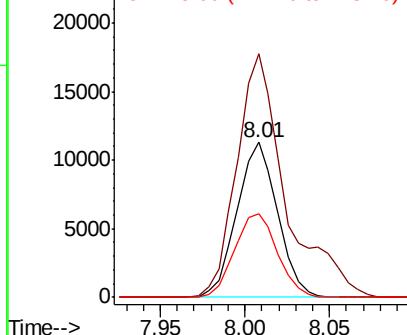
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:152 Resp: 18817
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 53.8 46.5 69.7



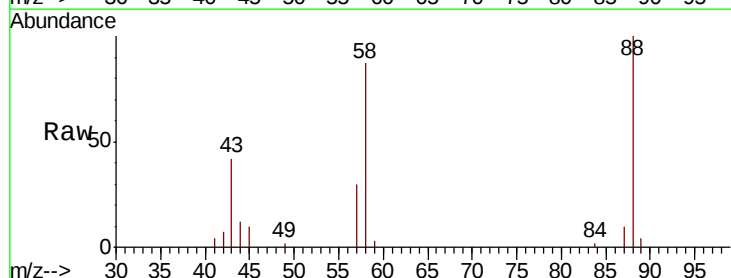
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



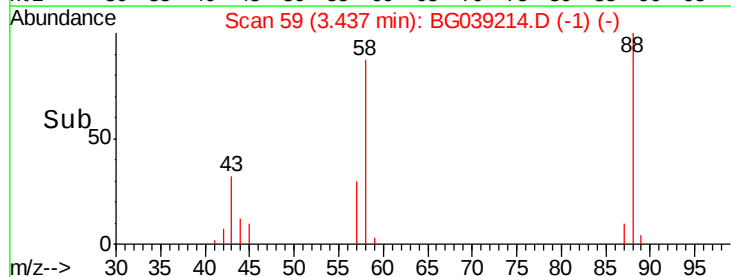
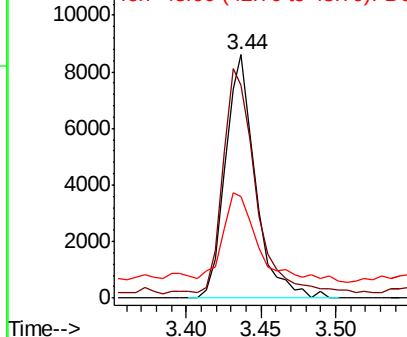
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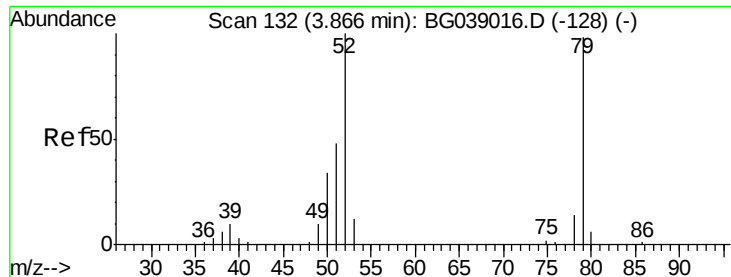
1,4-Dioxane
Concen: 31.317 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion: 88 Resp: 12165
Ion Ratio Lower Upper
88 100
58 98.7 72.4 108.6
43 43.3 27.6 41.4#



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





#3

Pvridine

Concen: 27.859 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

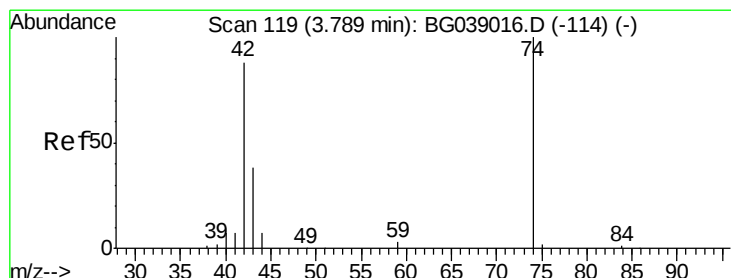
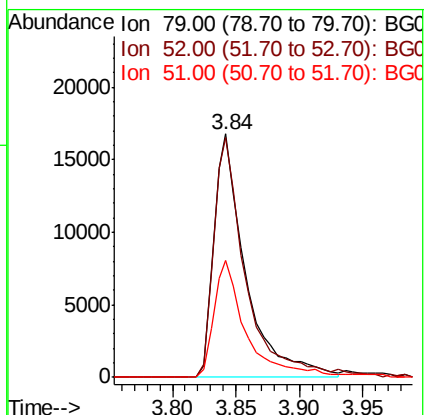
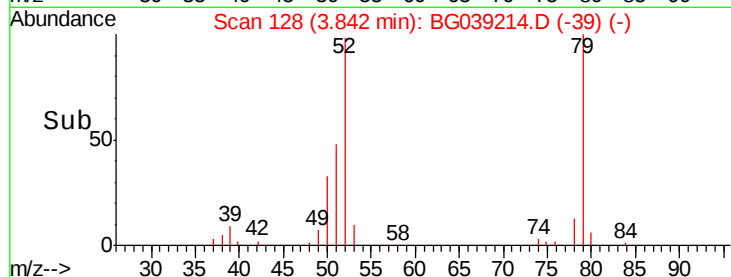
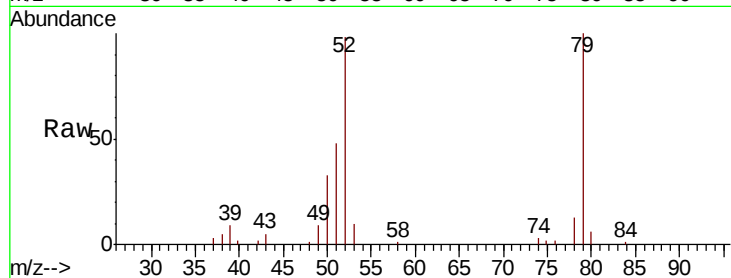
Tot Ion: 79 Resp: 29405

Ion Ratio Lower Upper

79 100

52 98.2 81.5 122.3

51 47.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 40.226 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

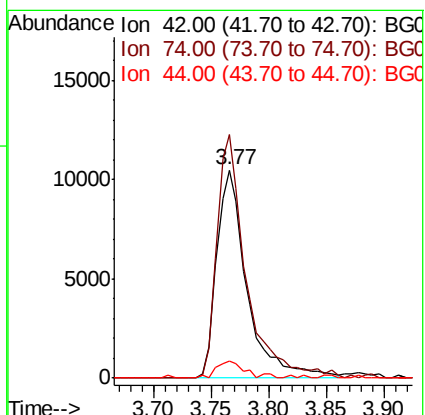
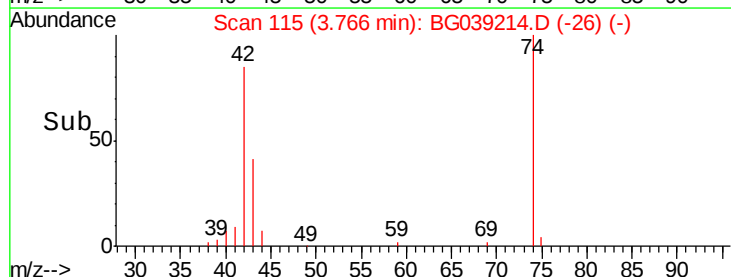
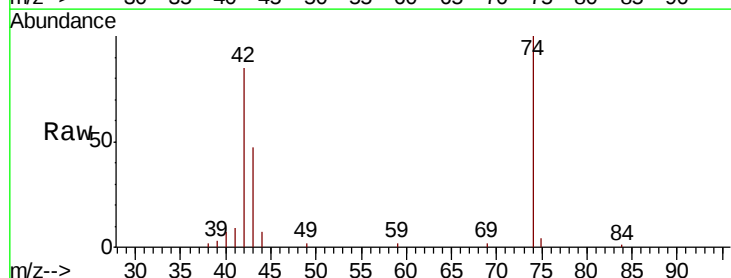
Tgt Ion: 42 Resp: 19106

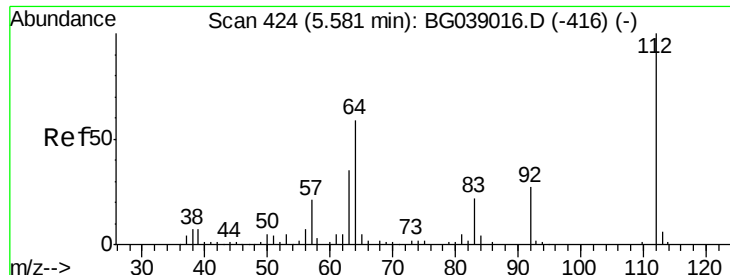
Ion Ratio Lower Upper

42 100

74 117.0 90.7 136.1

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 151.266 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

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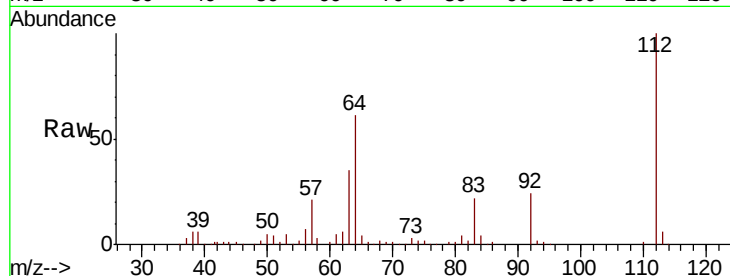
Tot Ion:112 Resp: 150047

Ion Ratio Lower Upper

112 100

64 61.3 47.0 70.6

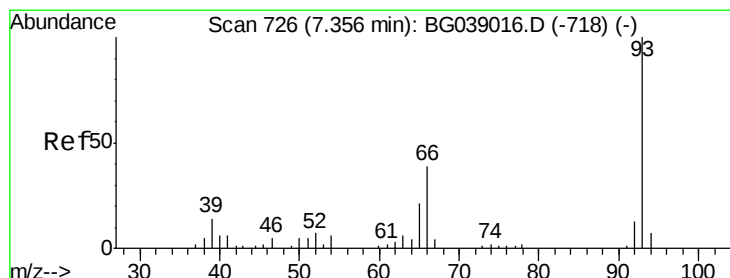
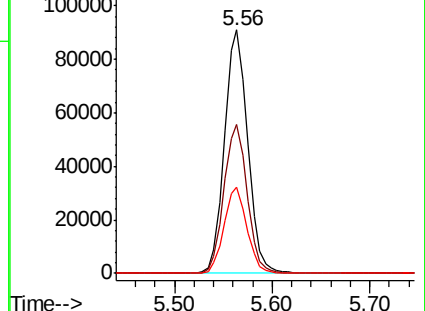
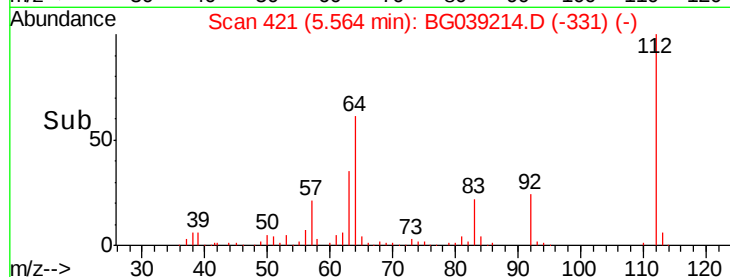
63 35.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.764 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

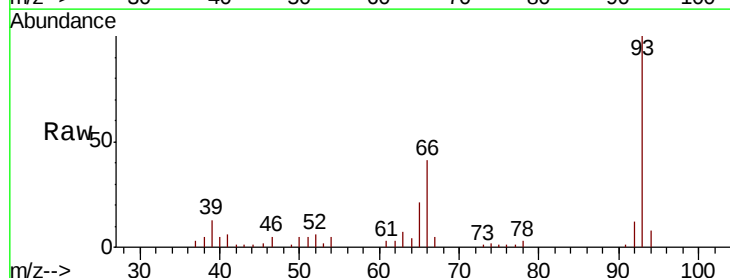
Tgt Ion: 93 Resp: 51028

Ion Ratio Lower Upper

93 100

66 41.3 30.9 46.3

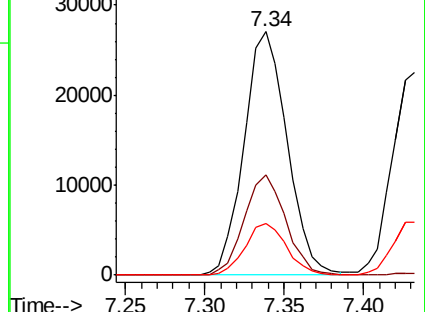
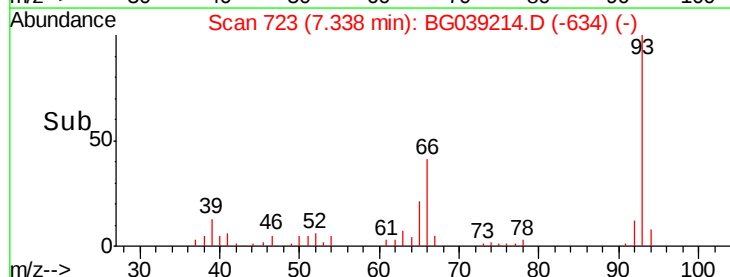
65 21.1 17.0 25.4

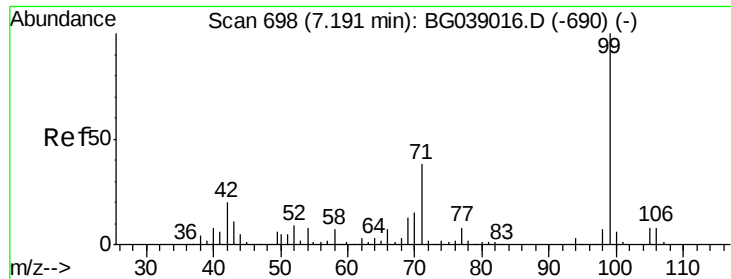


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.996 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

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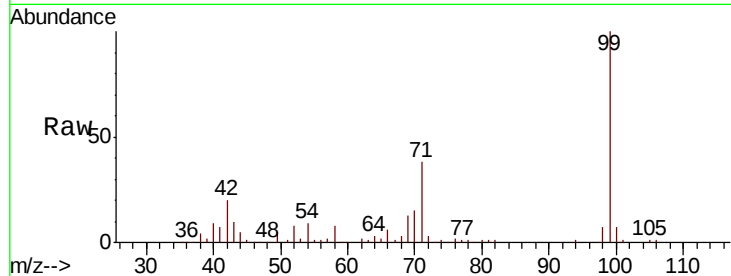
Tot Ion: 99 Resp: 194139

Ion Ratio Lower Upper

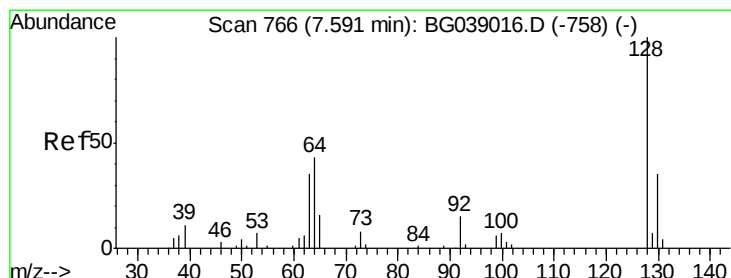
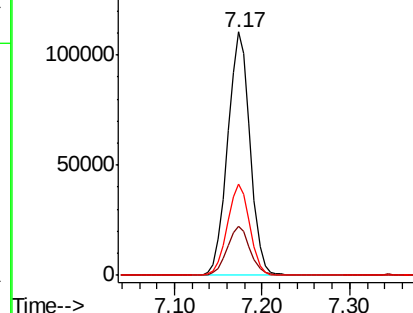
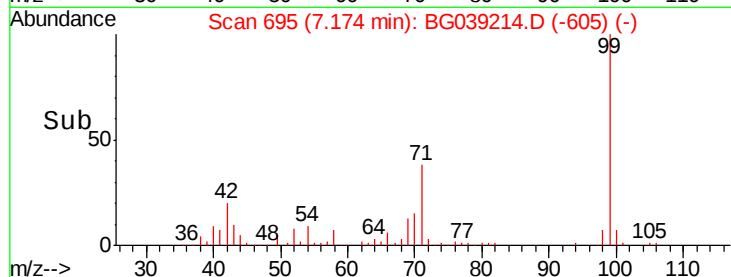
99 100

42 20.2 15.8 23.6

71 37.6 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: 42.070 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

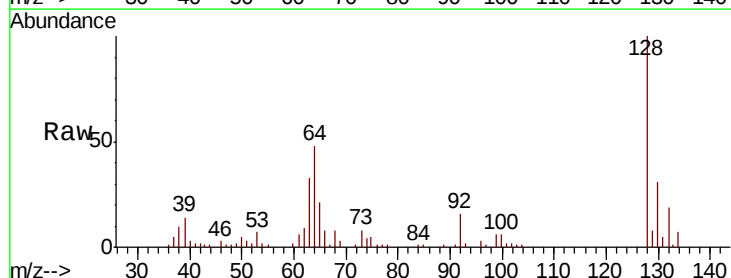
Tgt Ion: 128 Resp: 49192

Ion Ratio Lower Upper

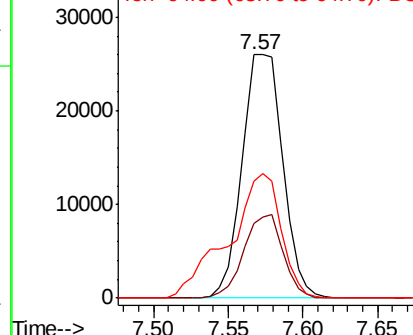
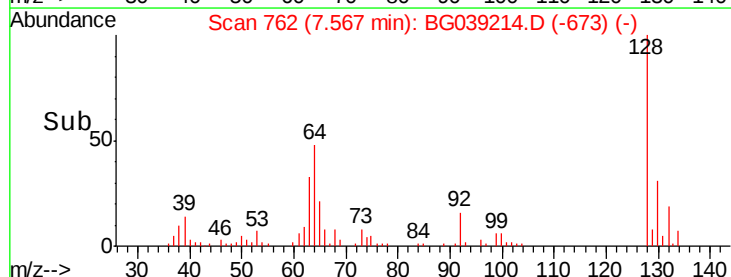
128 100

130 30.7 14.5 54.5

64 47.8 27.3 67.3



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

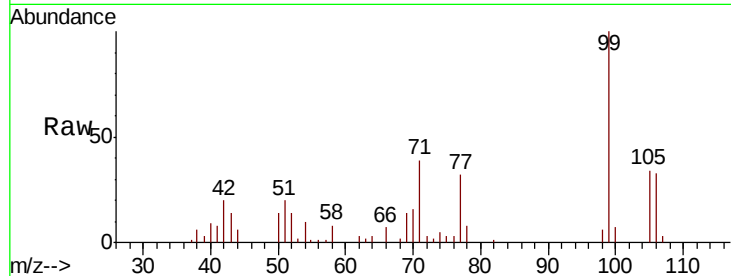




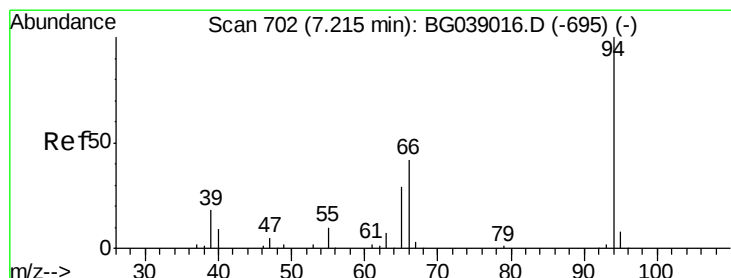
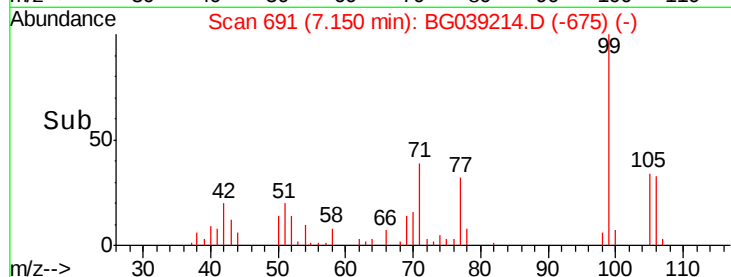
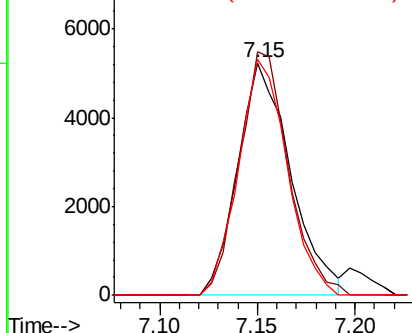
#9
Benzaldehyde
Concen: 11.973 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG039214.D
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Tot Ion: 77 Resp: 9857
Ion Ratio Lower Upper
77 100
105 104.7 82.4 122.4
106 101.5 82.8 122.8

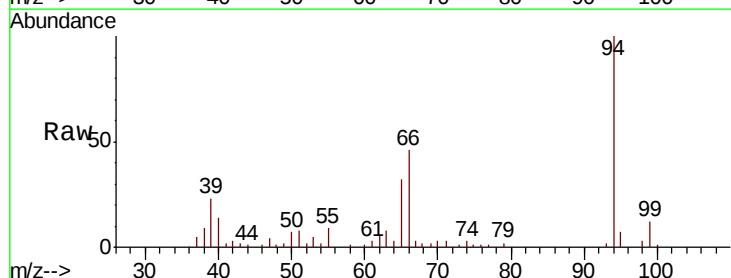


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

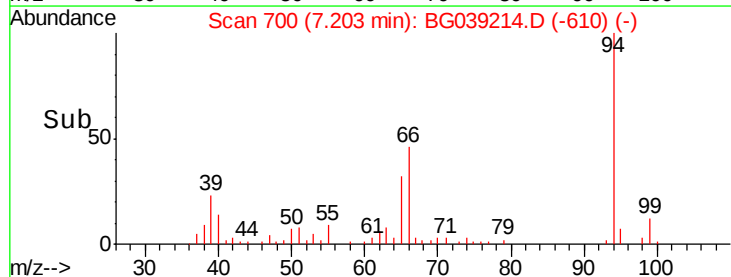
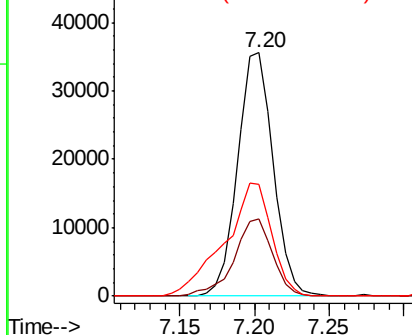


#10
Phenol
Concen: 41.121 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion: 94 Resp: 58853
Ion Ratio Lower Upper
94 100
65 31.6 10.3 50.3
66 46.0 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

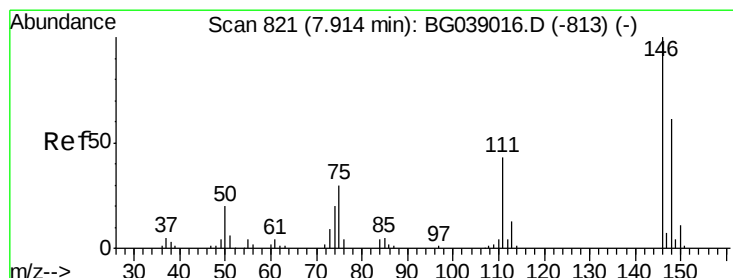
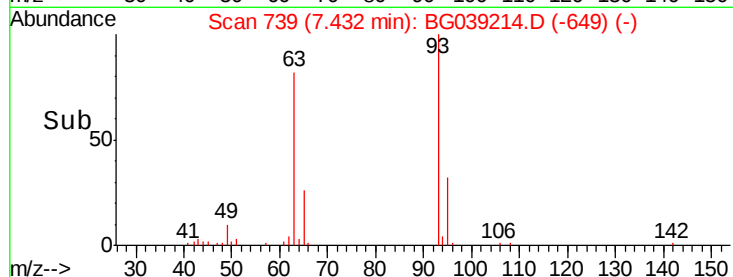
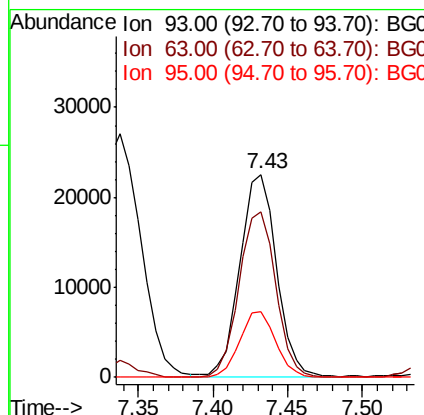
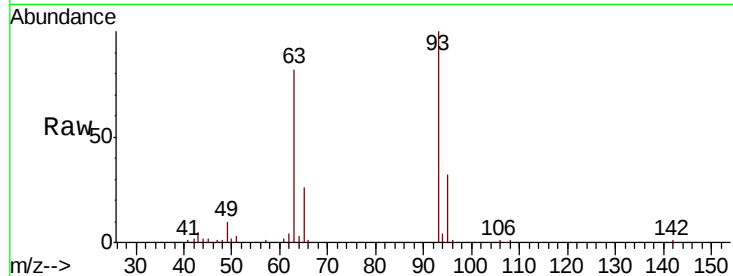




#11
 bis(2-Chloroethyl)ether
 Concen: 35.440 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

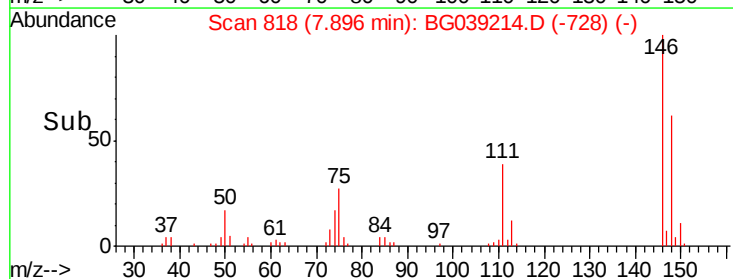
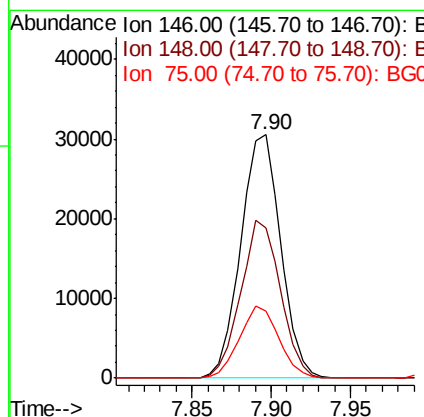
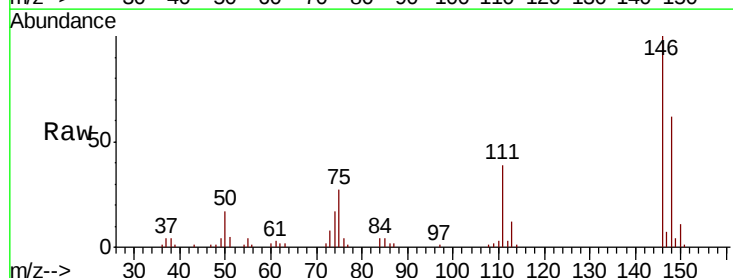
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

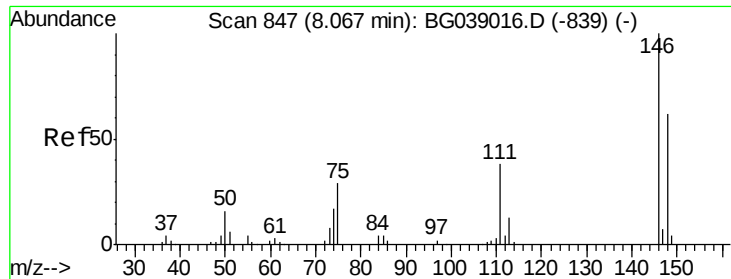
Tot Ion: 93 Resp: 38767
 Ion Ratio Lower Upper
 93 100
 63 81.5 63.2 103.2
 95 32.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.062 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion: 146 Resp: 53323
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.1 73.7
 75 27.3 23.9 35.9

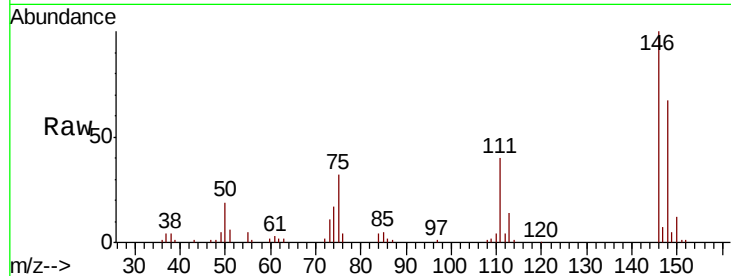




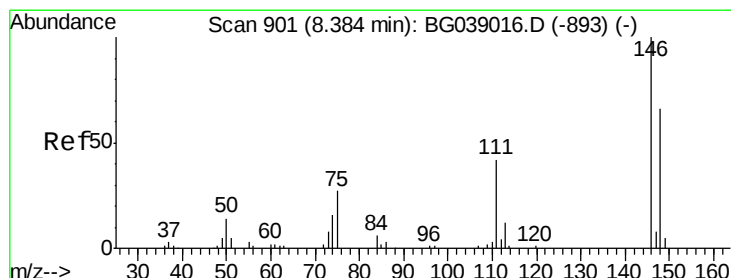
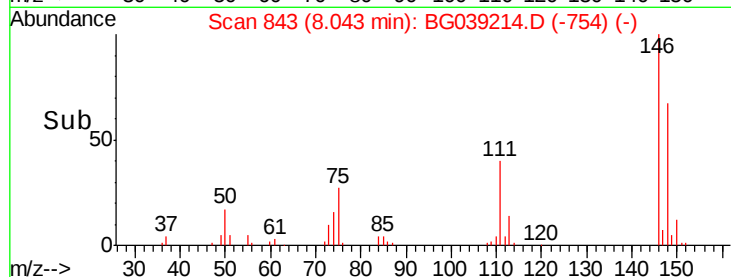
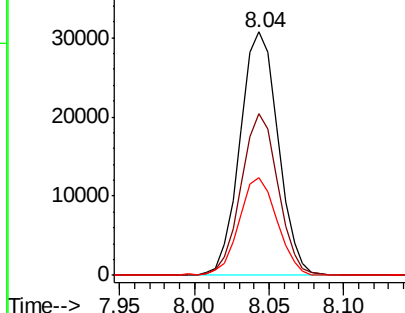
#13
 1,4-Dichlorobenzene
 Concen: 38.166 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion:146 Resp: 54152
 Ion Ratio Lower Upper
 146 100
 148 66.6 49.8 74.6
 111 39.9 30.6 45.8

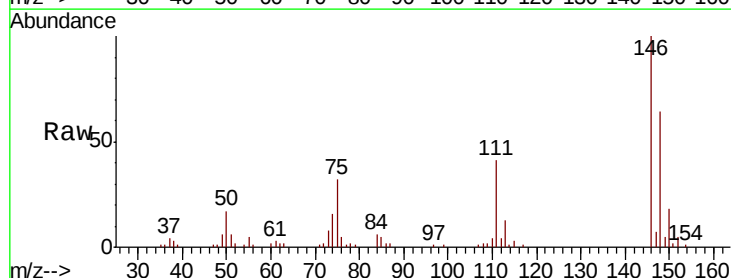


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

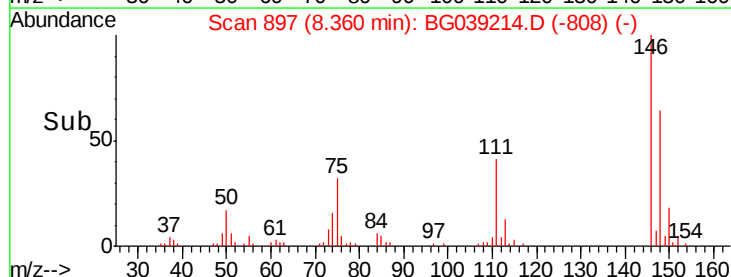
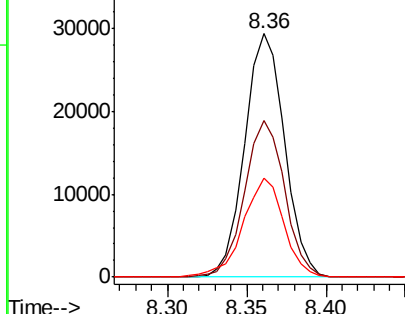


#14
 1,2-Dichlorobenzene
 Concen: 37.964 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:146 Resp: 51359
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.6 79.0
 111 40.9 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.602 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

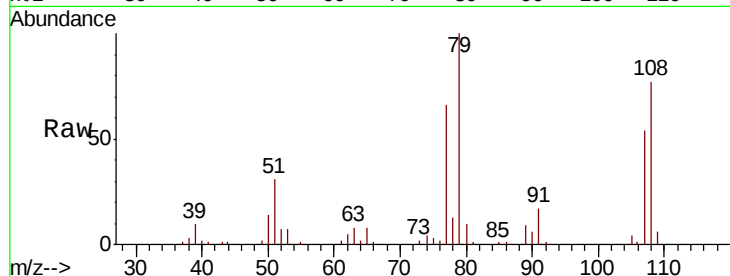
Tot Ion: 79 Resp: 47949

Ion Ratio Lower Upper

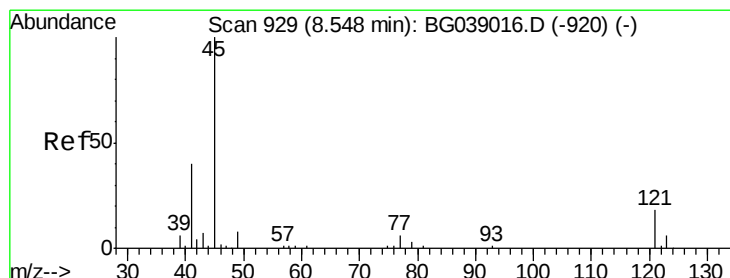
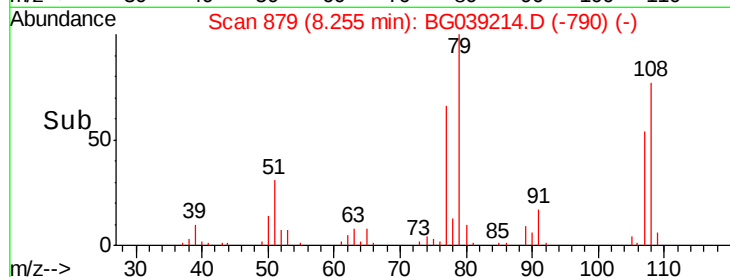
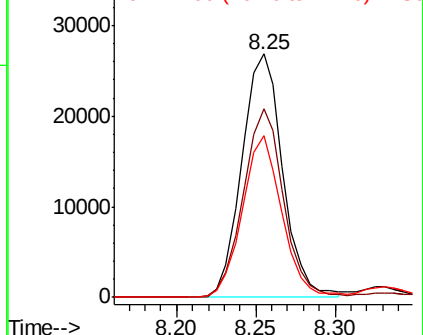
79 100

108 77.4 62.0 93.0

77 66.3 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.541 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

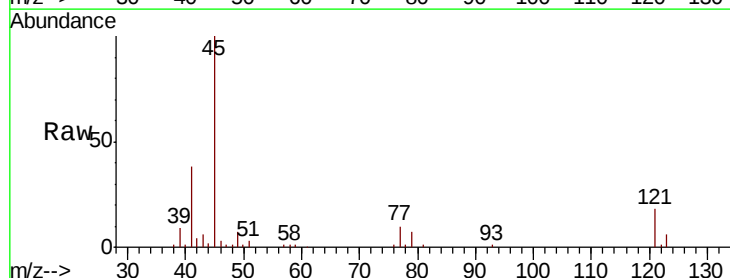
Tgt Ion: 45 Resp: 80840

Ion Ratio Lower Upper

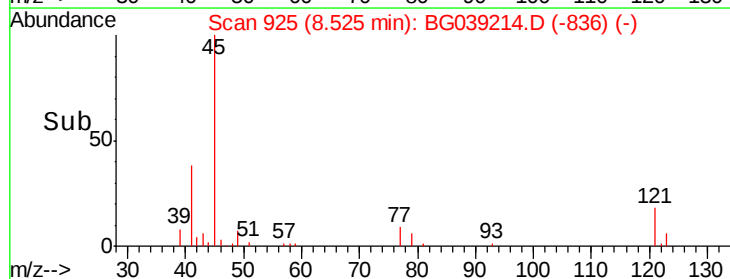
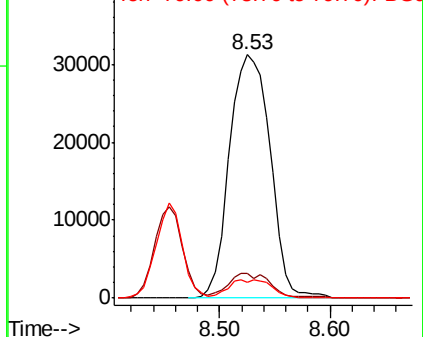
45 100

77 10.3 0.0 30.7

79 6.6 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

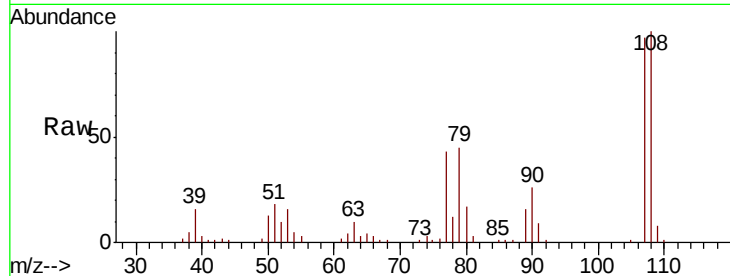




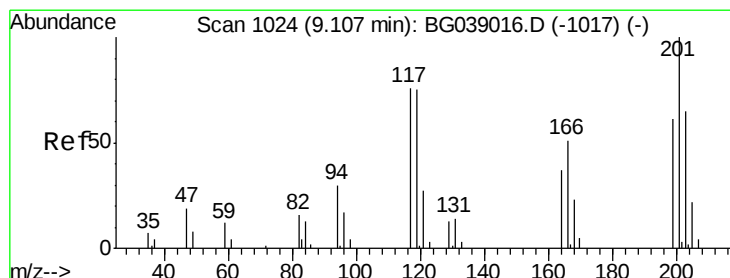
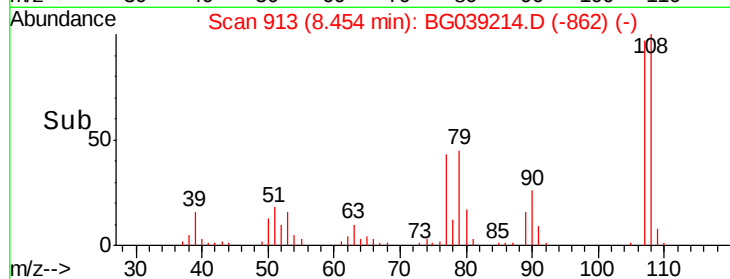
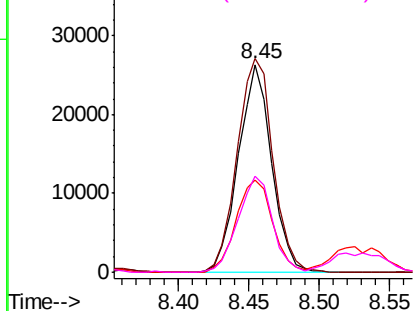
#17
2-Methylphenol
Concen: 43.552 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:107 Resp: 43282
Ion Ratio Lower Upper
107 100
108 102.7 90.3 135.5
77 44.4 38.3 57.5
79 46.1 35.8 53.6

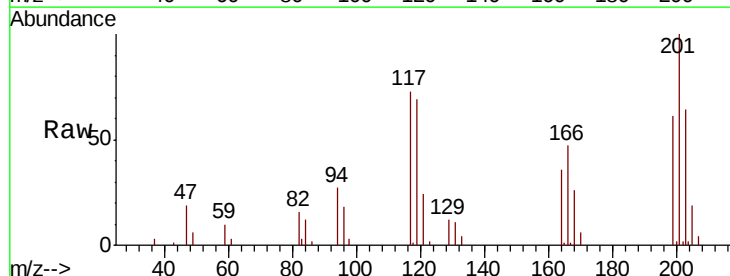


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

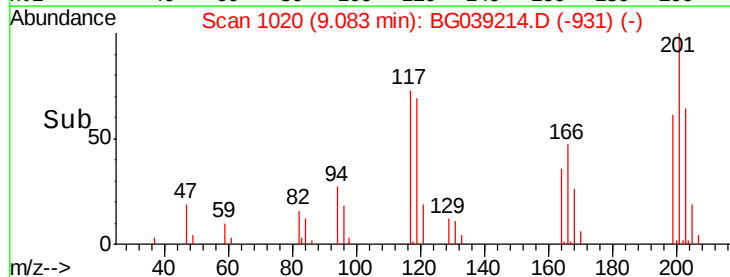
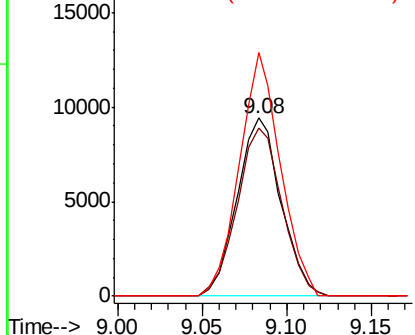


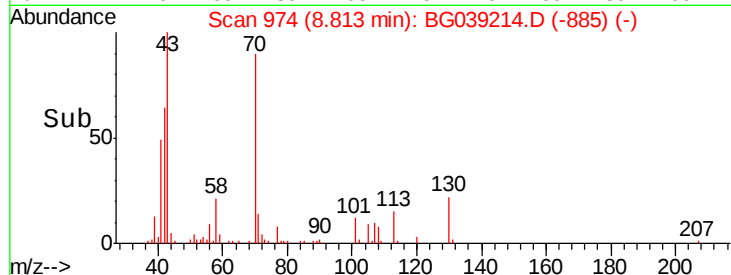
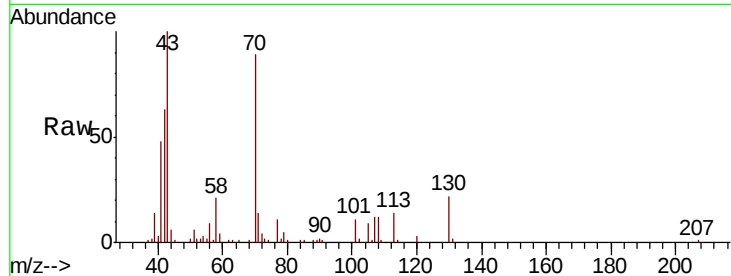
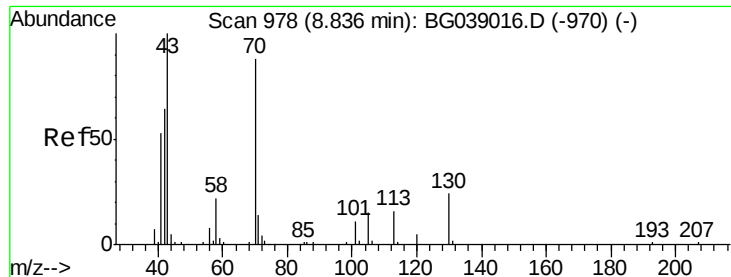
#18
Hexachloroethane
Concen: 35.201 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:117 Resp: 16968
Ion Ratio Lower Upper
117 100
119 94.5 78.7 118.1
201 136.9 108.1 162.1



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

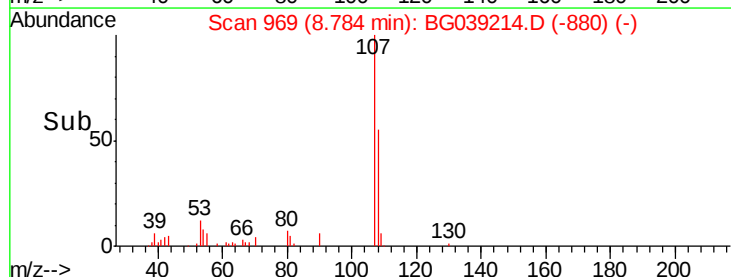
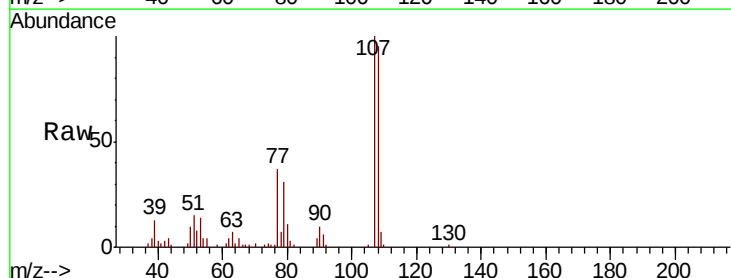
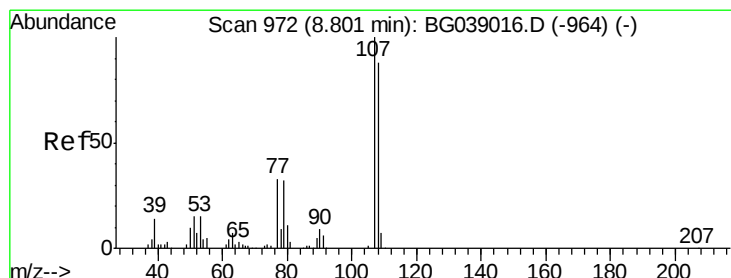
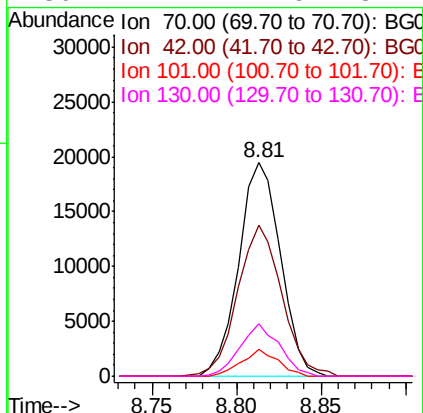




#19
n-Nitroso-di-n-propylamine
Concen: 35.697 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

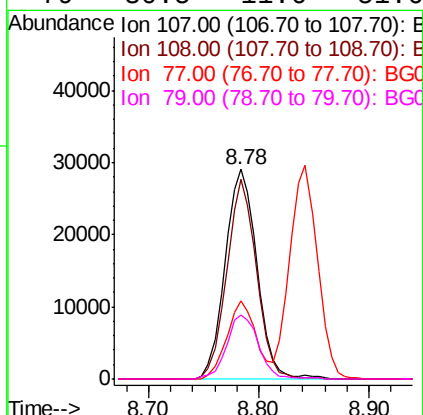
Instrument :
BNA_G
ClientSampleId :
PB116467BS

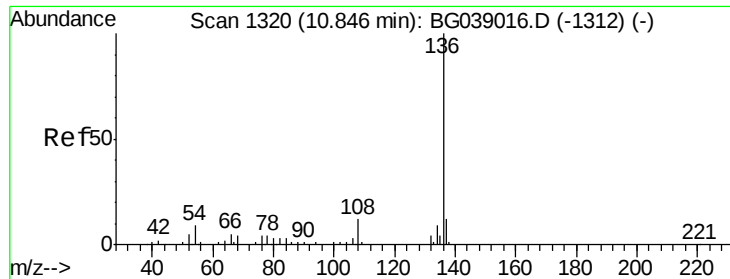
Tot Ion:	70	Resp:	33463
Ion	Ratio	Lower	Upper
70	100		
42	70.8	59.0	88.4
101	12.8	10.4	15.6
130	24.7	21.6	32.4



#20
3+4-Methylphenols
Concen: 41.228 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:	107	Resp:	58416
Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.4	108.4
77	37.5	13.3	53.3
79	30.5	11.6	51.6

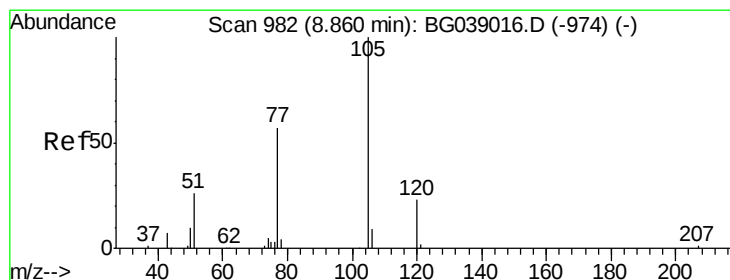
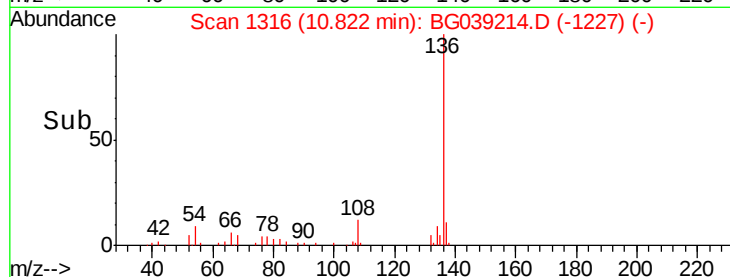
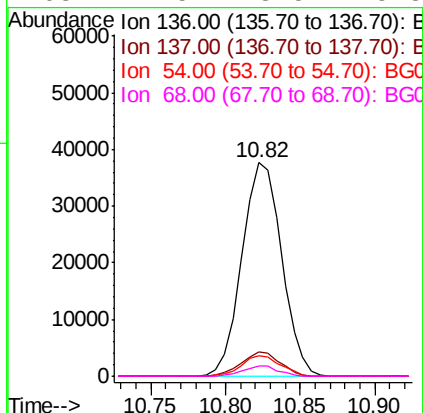
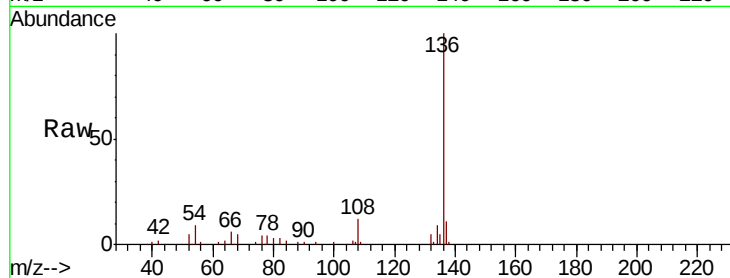




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

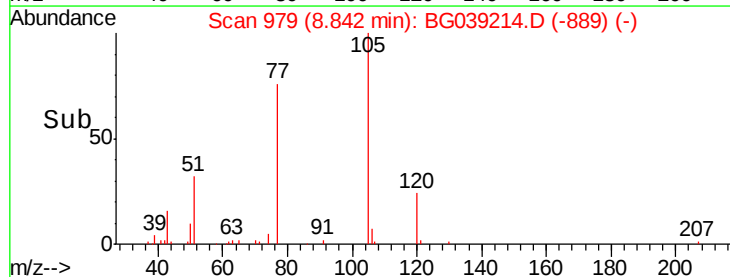
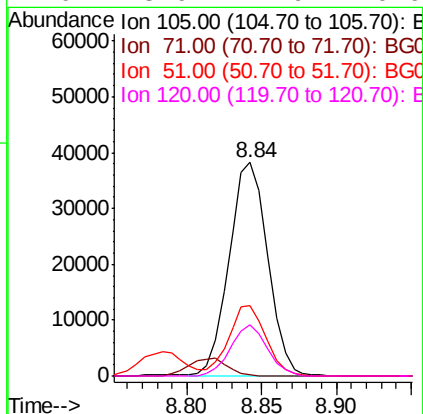
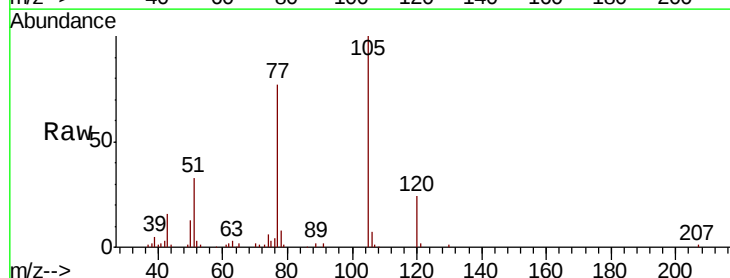
Instrument :
BNA_G
ClientSampleId :
PB116467BS

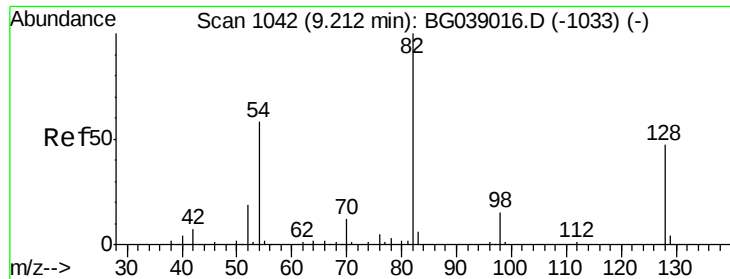
Tot Ion:136	Resp:	69581
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	9.5	7.2 10.8
68	4.5	3.5 5.3



#22
Acetophenone
Concen: 38.109 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:105	Resp:	69248
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	33.0	26.6 39.8
120	23.9	17.9 26.9

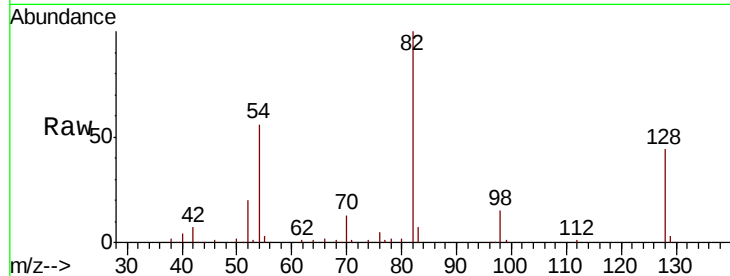




#23
 Nitrobenzene-d5
 Concen: 86.117 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion	82.00	Resp	109506
Ion Ratio	Lower	Upper	
82	100		
128	44.2	37.3	55.9
54	55.9	46.4	69.6

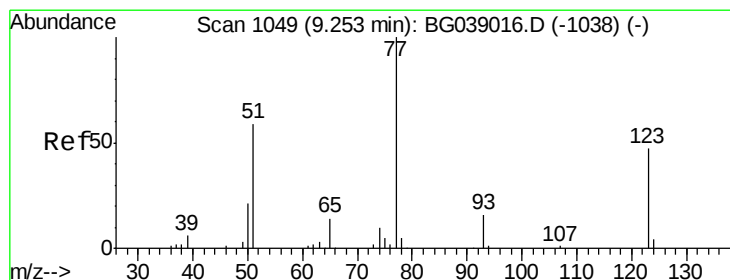
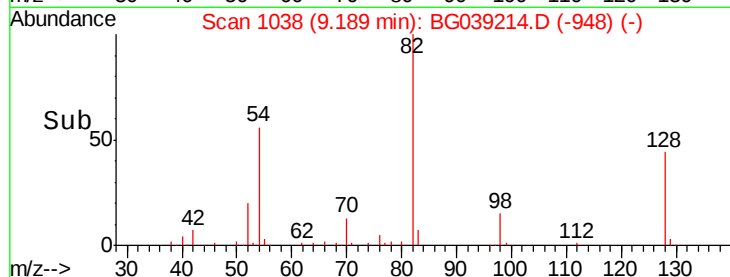
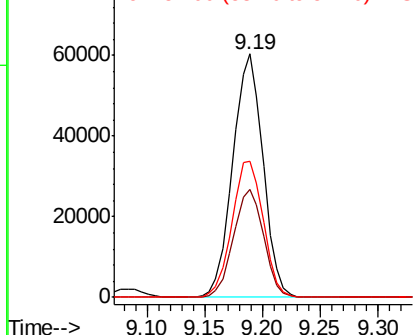


Abundance

Ion 82.00 (81.70 to 82.70): BGC

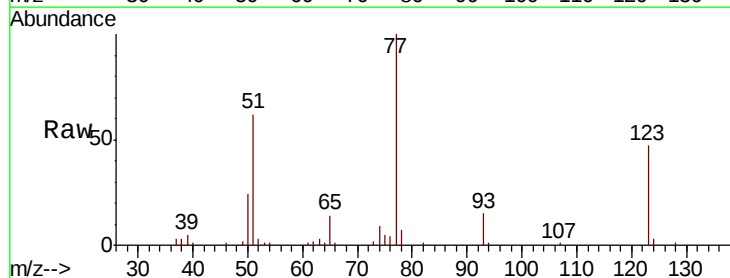
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 39.645 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion	77.00	Resp	50955
Ion Ratio	Lower	Upper	
77	100		
123	47.3	37.6	56.4
65	14.5	11.0	16.6

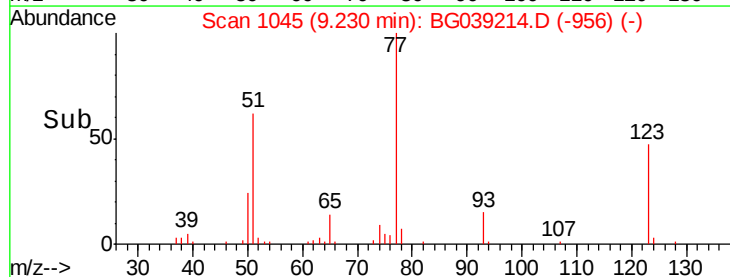
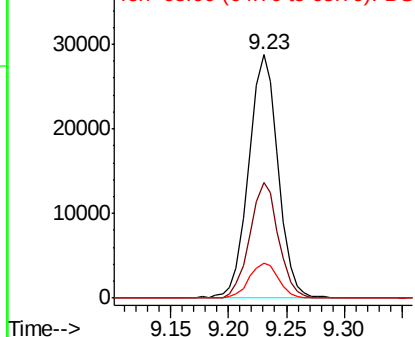


Abundance

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

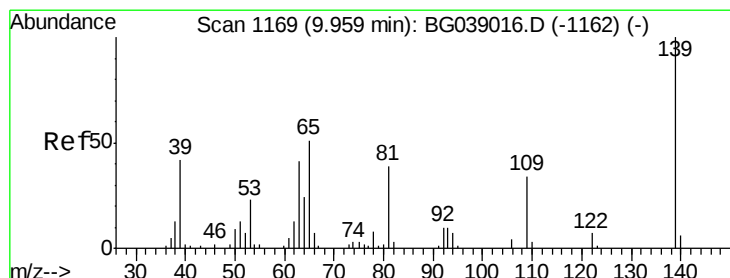
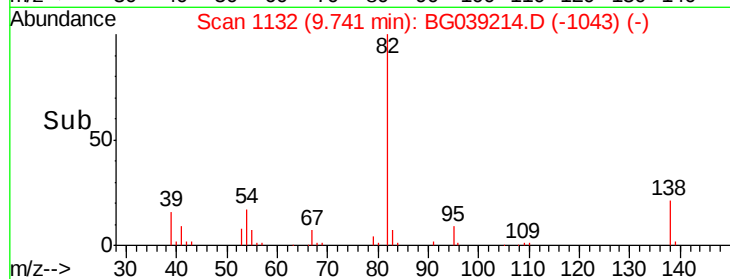
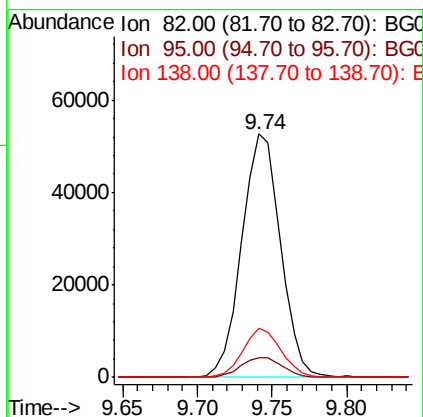
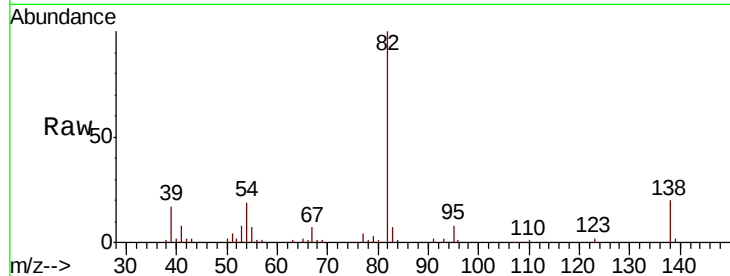




#25
Isophorone
Concen: 43.202 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

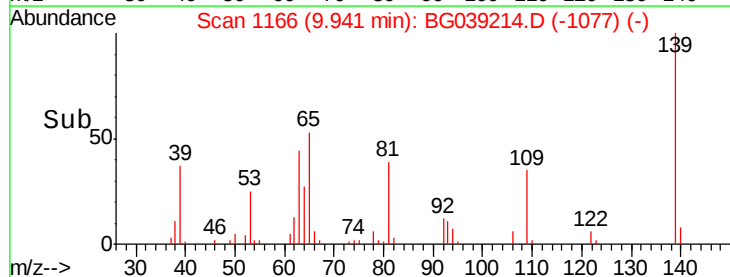
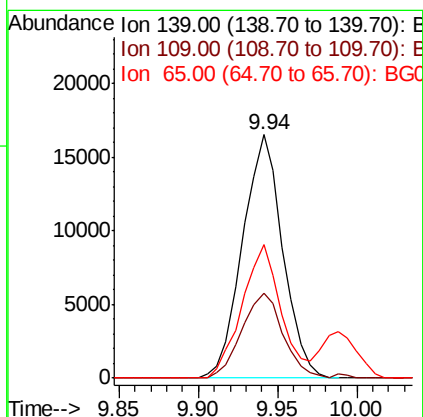
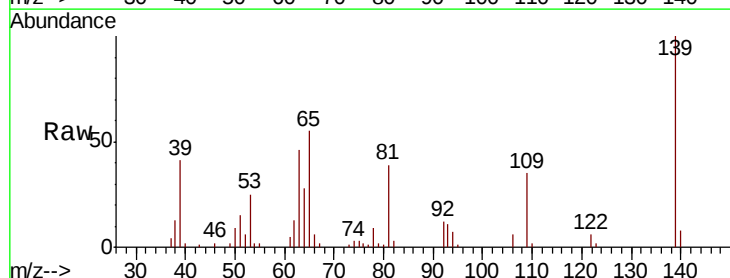
Instrument :
BNA_G
ClientSampleId :
PB116467BS

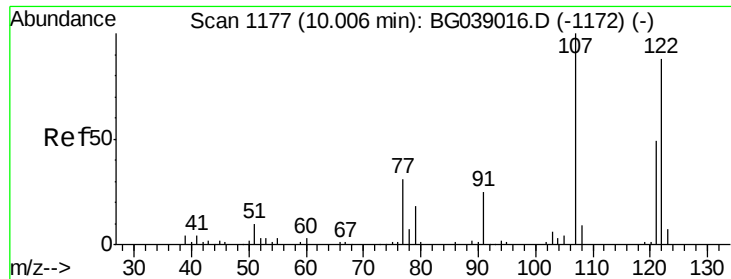
Tot Ion: 82 Resp: 94628
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.6
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 41.795 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion: 139 Resp: 29056
Ion Ratio Lower Upper
139 100
109 35.1 27.3 40.9
65 54.7 40.6 61.0

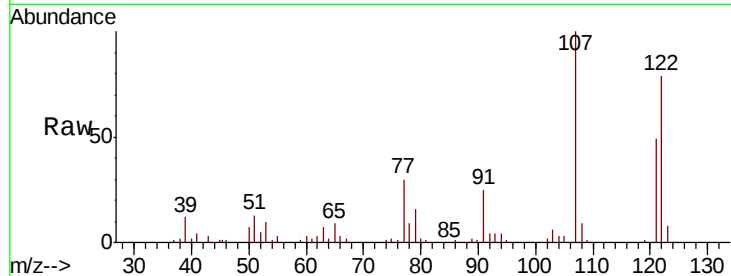




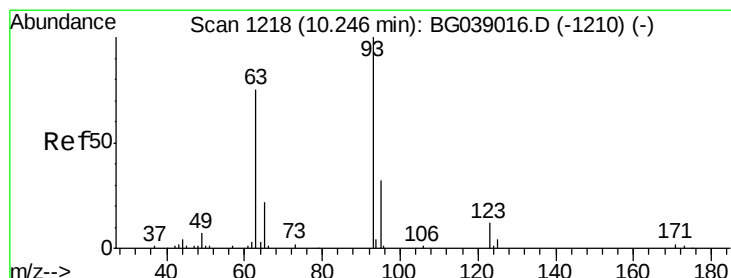
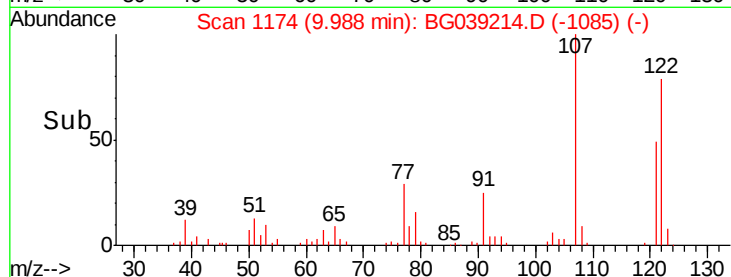
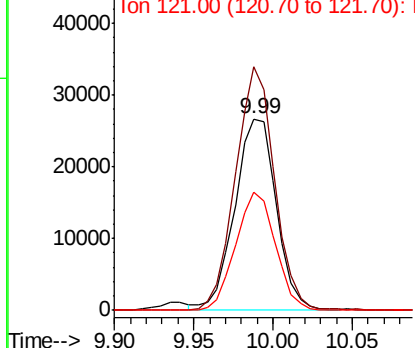
#27
 2,4-Dimethylphenol
 Concen: 49.524 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion:122 Resp: 48438
 Ion Ratio Lower Upper
 122 100
 107 127.2 88.8 133.2
 121 62.0 43.1 64.7

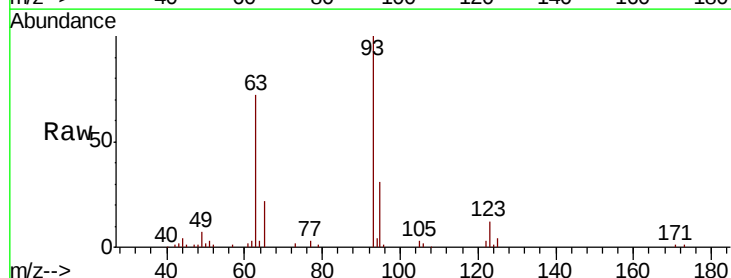


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

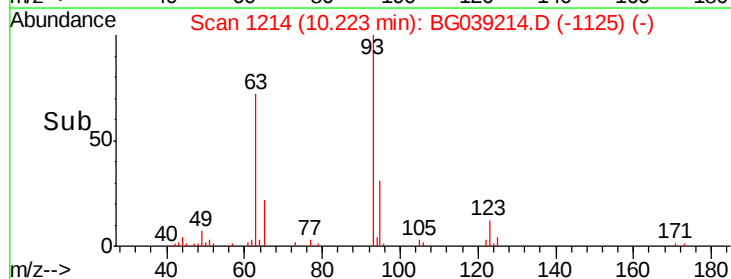
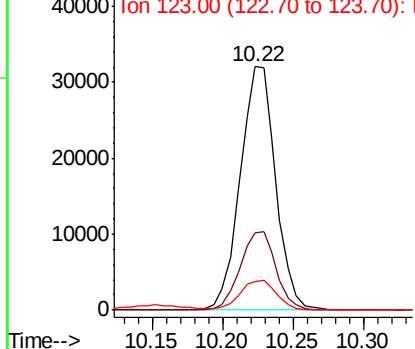


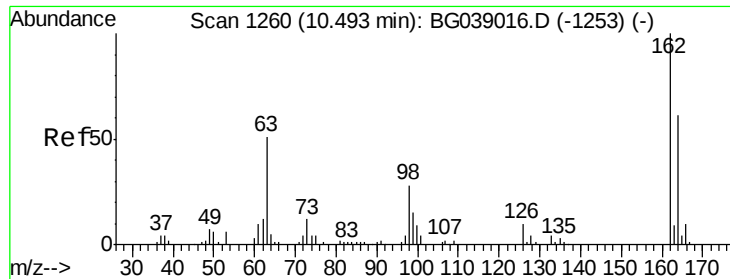
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.605 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion: 93 Resp: 56086
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.6 38.4
 123 11.9 10.1 15.1



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





#29

2,4-Dichlorophenol

Concen: 45.300 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

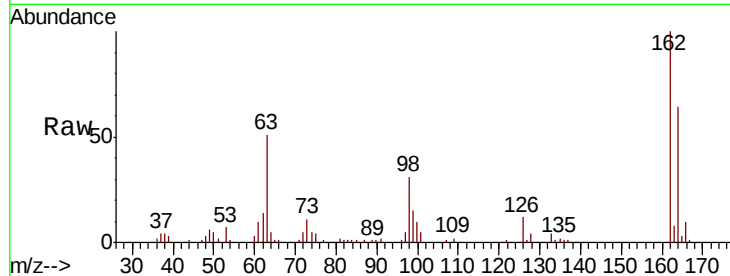
Tot Ion:162 Resp: 55043

Ion Ratio Lower Upper

162 100

164 64.1 41.3 81.3

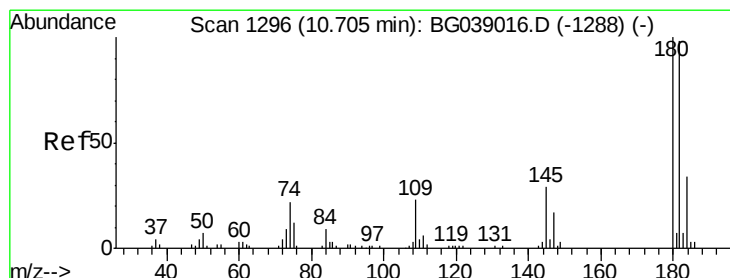
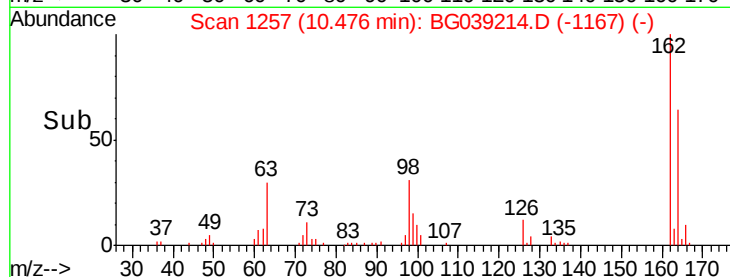
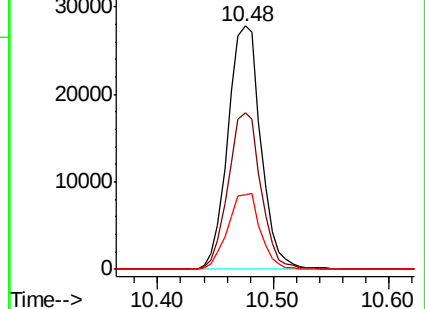
98 30.7 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.255 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

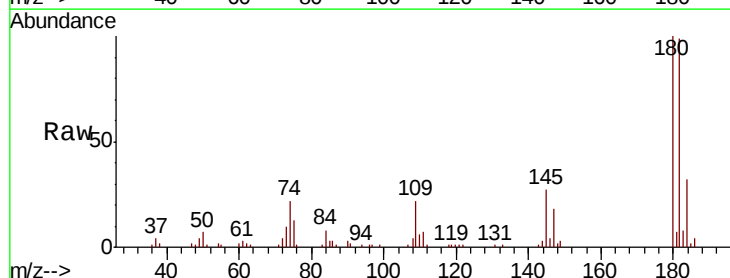
Tgt Ion:180 Resp: 55851

Ion Ratio Lower Upper

180 100

182 98.9 78.1 117.1

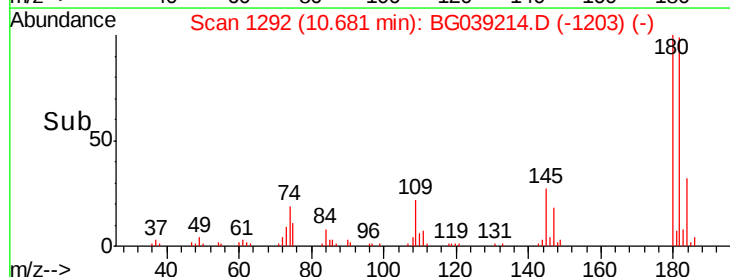
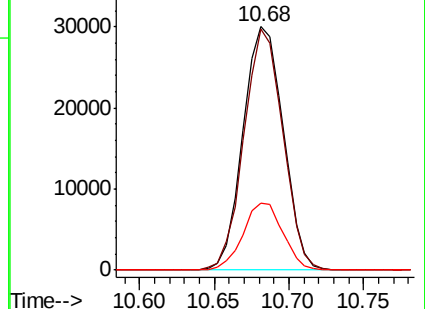
145 27.5 23.1 34.7



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

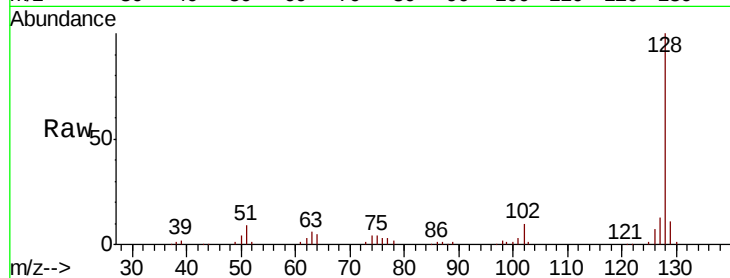




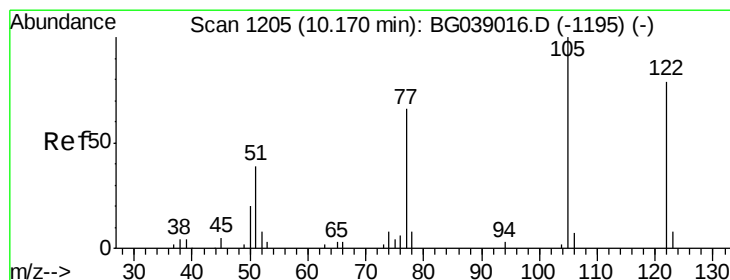
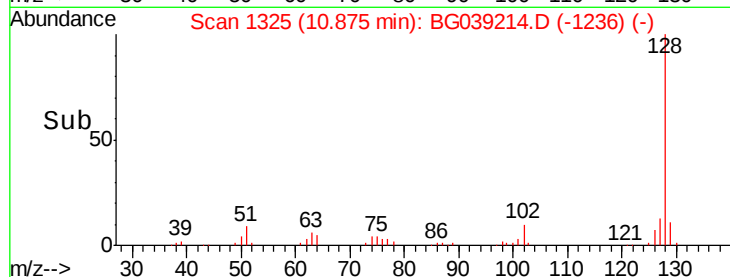
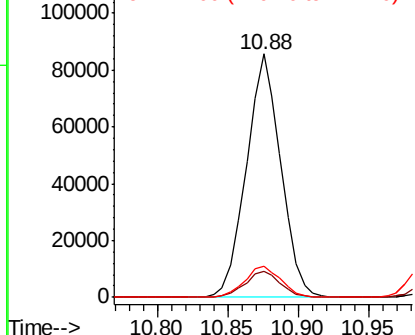
#31
Naphthalene
Concen: 41.864 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:128 Resp: 146097
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 11.2 16.8

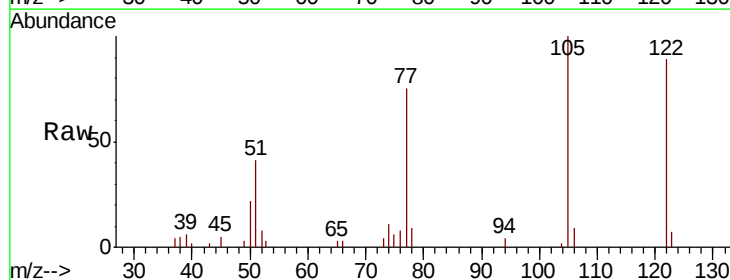


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

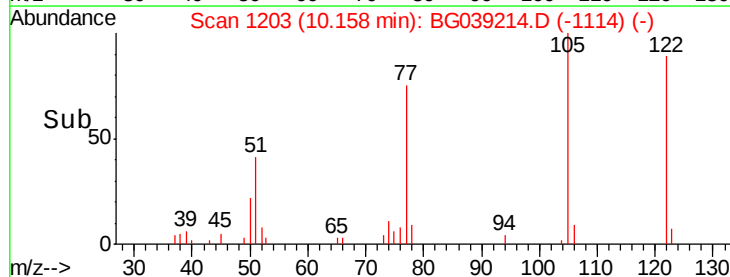
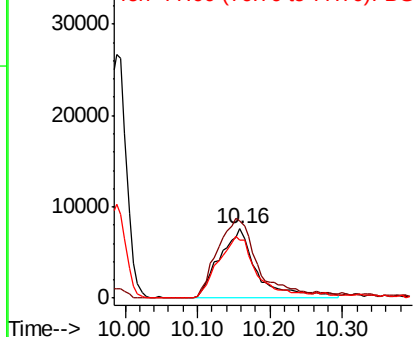


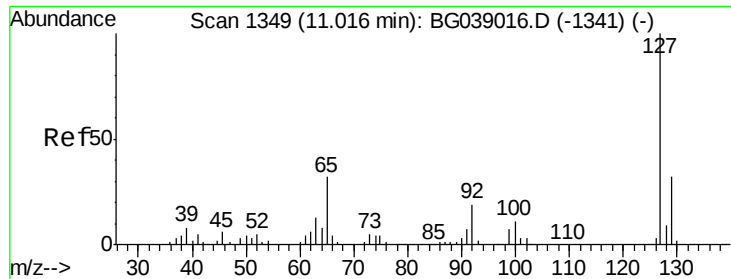
#32
Benzoic acid
Concen: 46.307 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:122 Resp: 27606
Ion Ratio Lower Upper
122 100
105 112.8 106.4 146.4
77 84.3 63.6 103.6



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

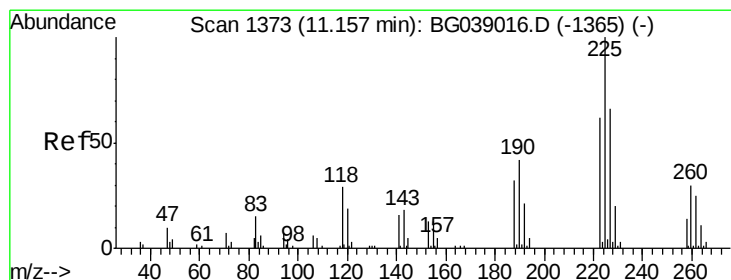
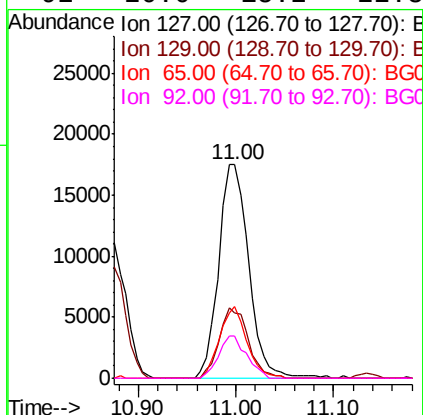
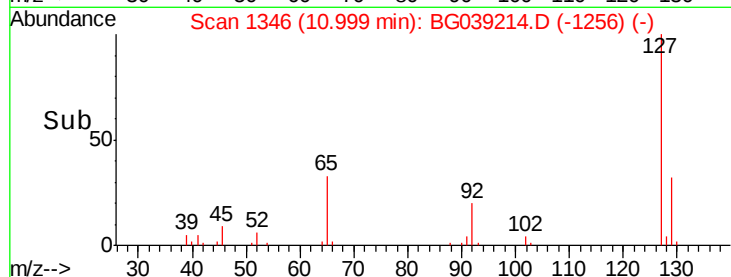
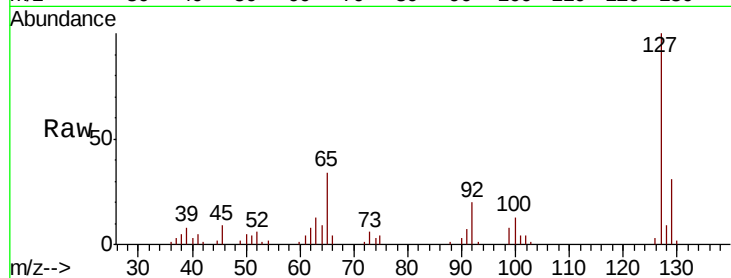




#33
4-Chloroaniline
Concen: 24.048 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

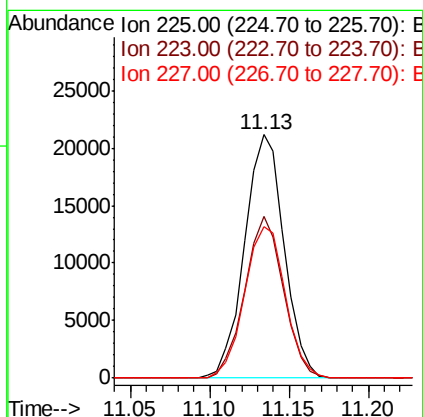
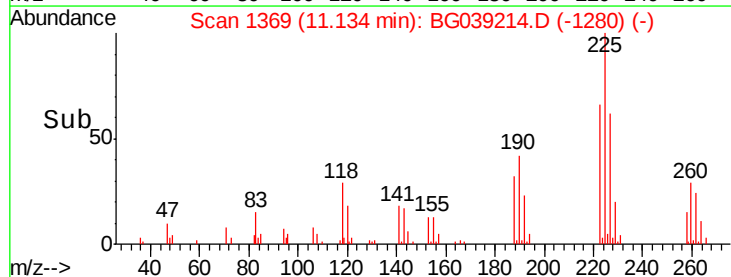
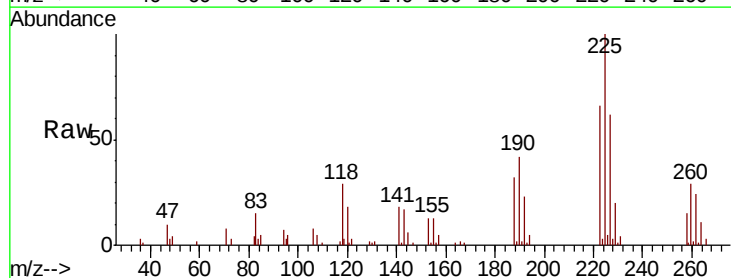
Instrument :
BNA_G
ClientSampleId :
PB116467BS

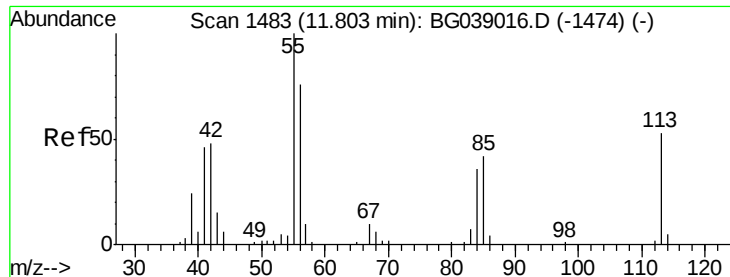
Tot Ion:	127	Resp:	37552
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.4	38.0
65	33.8	25.4	38.0
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.457 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:	225	Resp:	36624
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	59.2	53.2	79.8





#35

Caprolactam

Concen: 17.685 ng

RT: 11.79 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

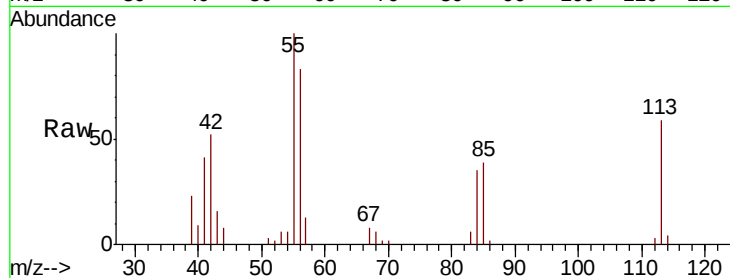
Tot Ion:113 Resp: 8617

Ion Ratio Lower Upper

113 100

55 170.4 168.6 208.6

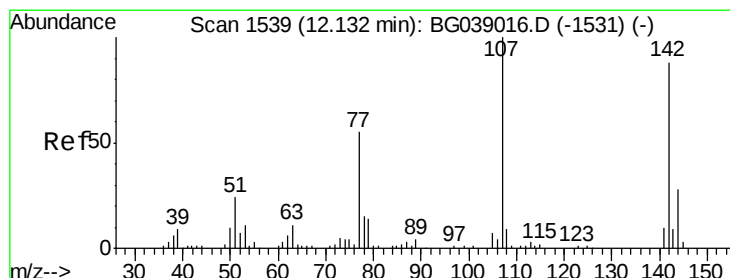
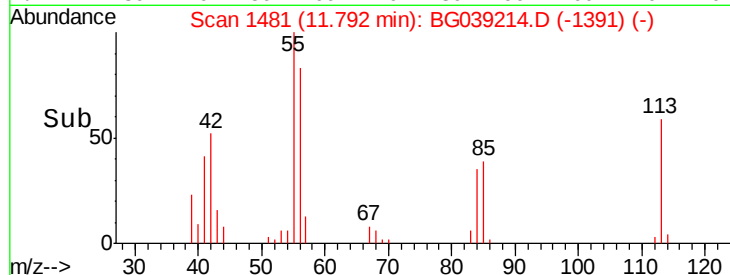
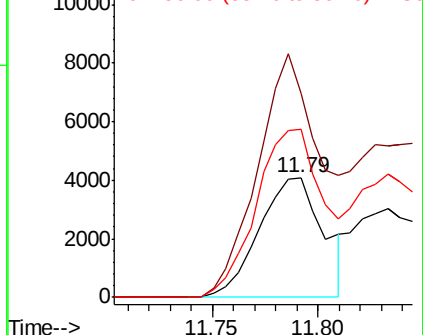
56 140.7 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.260 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

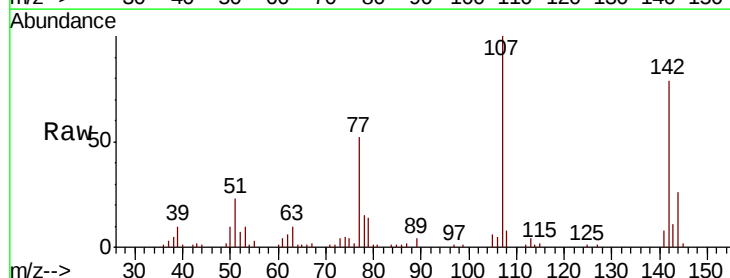
Tgt Ion:107 Resp: 56221

Ion Ratio Lower Upper

107 100

144 25.9 22.6 34.0

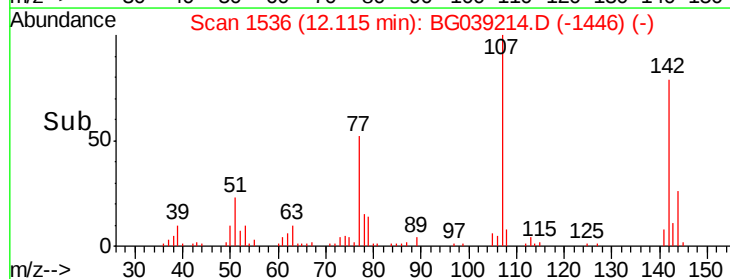
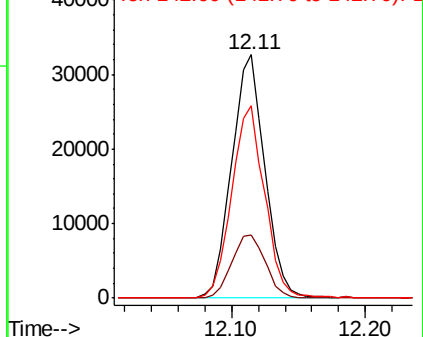
142 79.3 70.2 105.4

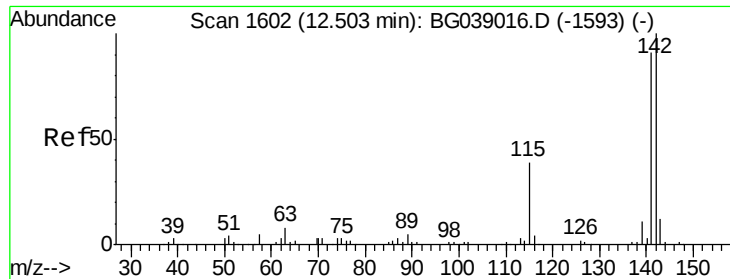


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

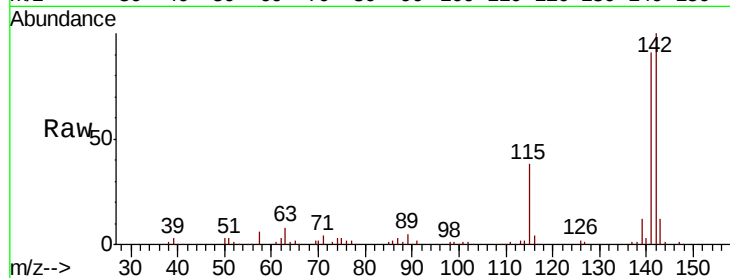




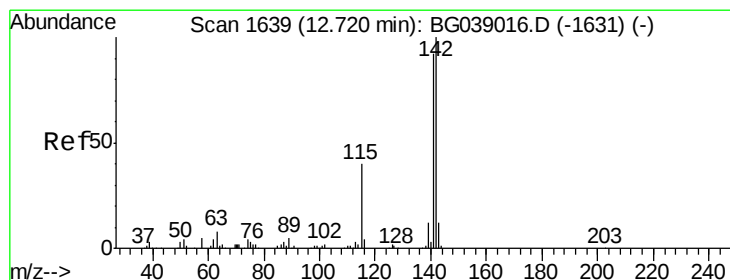
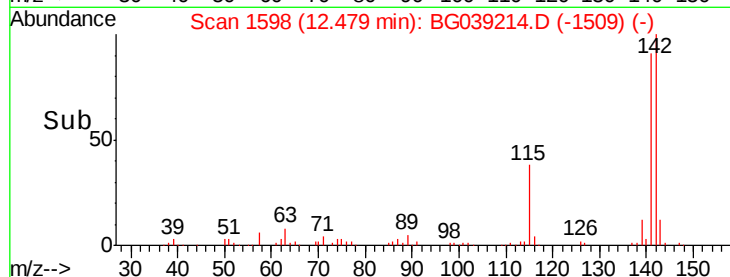
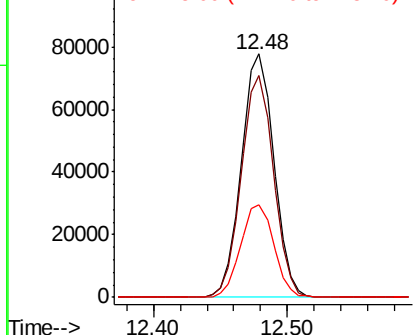
#37
2-Methylnaphthalene
Concen: 50.033 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:142 Resp: 130908
Ion Ratio Lower Upper
142 100
141 91.0 72.6 109.0
115 38.3 31.1 46.7

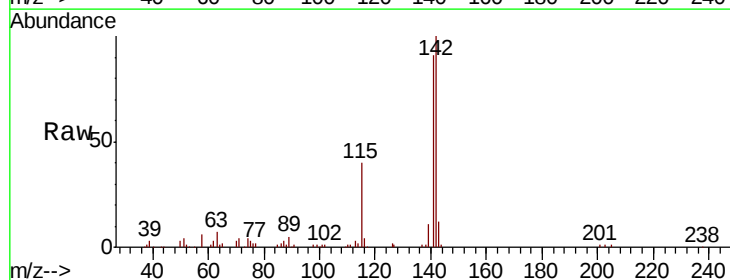


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

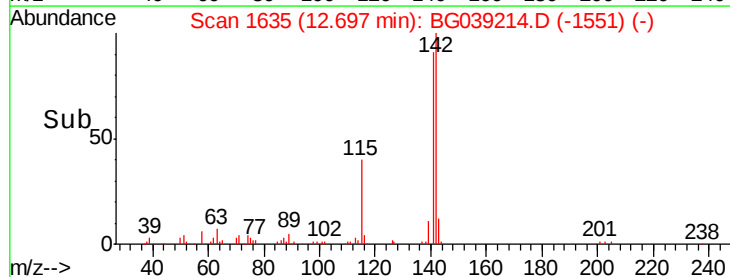
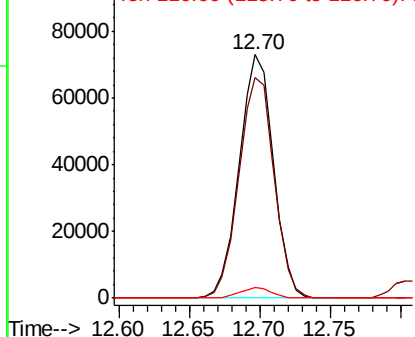


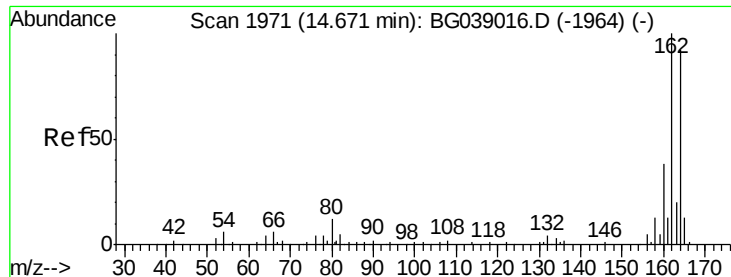
#38
1-Methylnaphthalene
Concen: 49.183 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:142 Resp: 123516
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9
116 4.2 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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

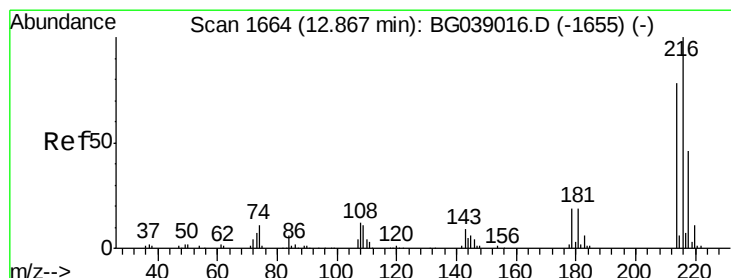
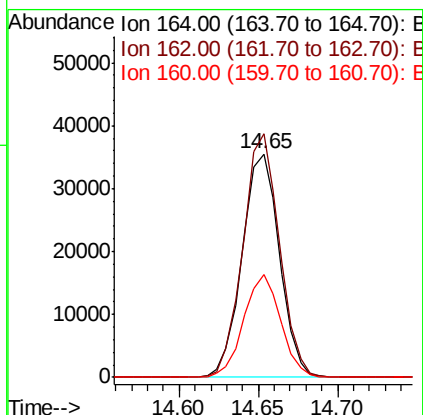
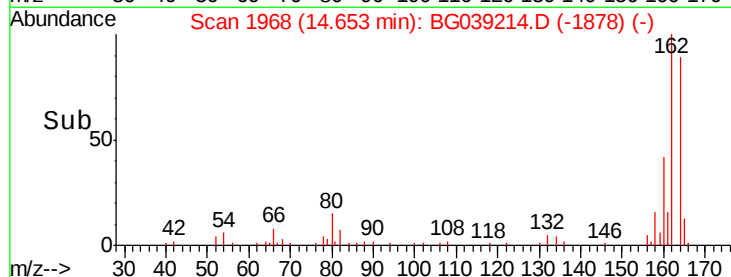
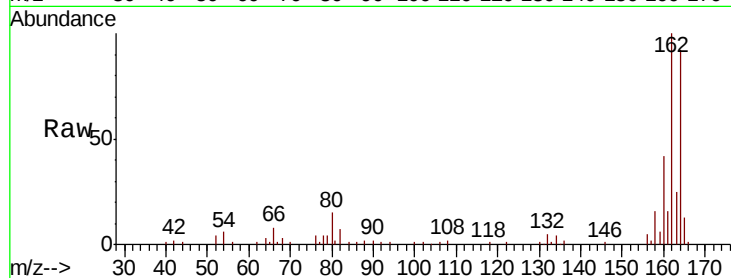
Tot Ion:164 Resp: 58229

Ion Ratio Lower Upper

164 100

162 108.8 87.2 130.8

160 46.1 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.474 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Tgt Ion:216 Resp: 75389

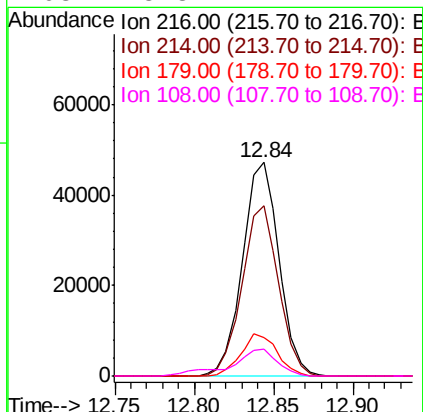
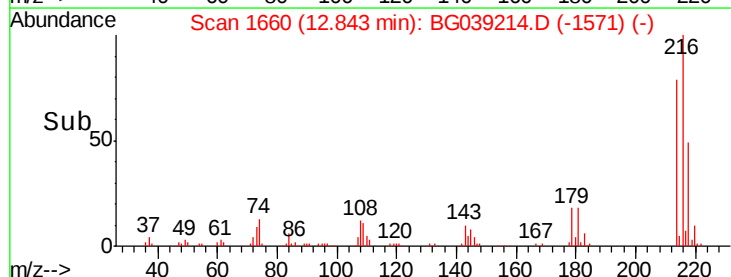
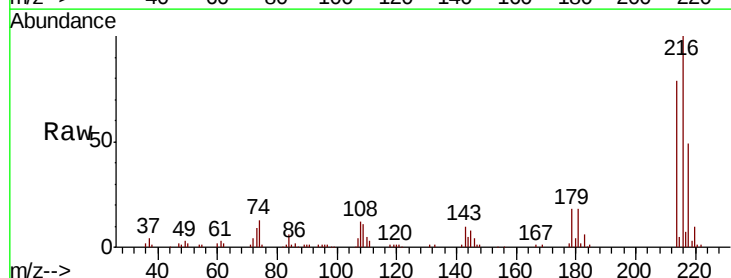
Ion Ratio Lower Upper

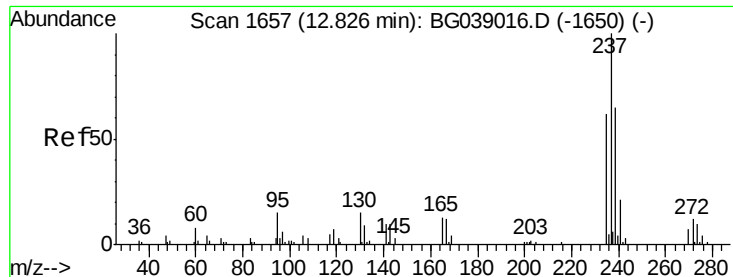
216 100

214 79.7 63.4 95.2

179 19.5 15.5 23.3

108 15.8 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 68.790 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

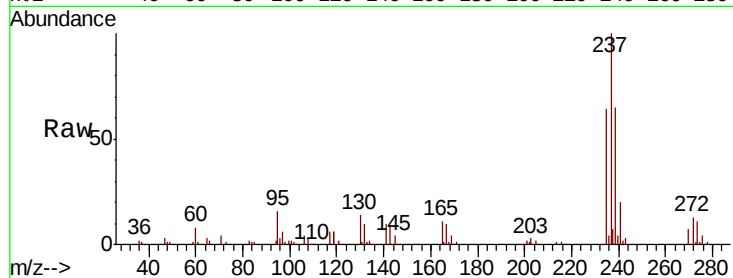
Tot Ion:237 Resp: 83658

Ion Ratio Lower Upper

237 100

235 64.2 41.7 81.7

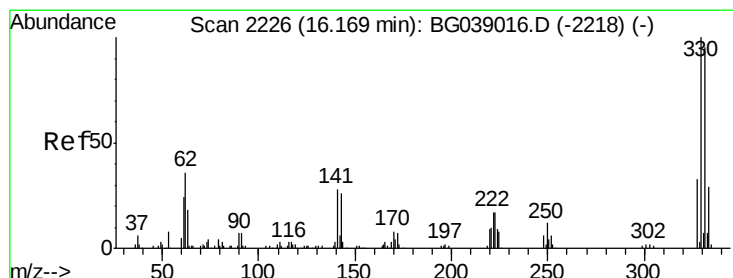
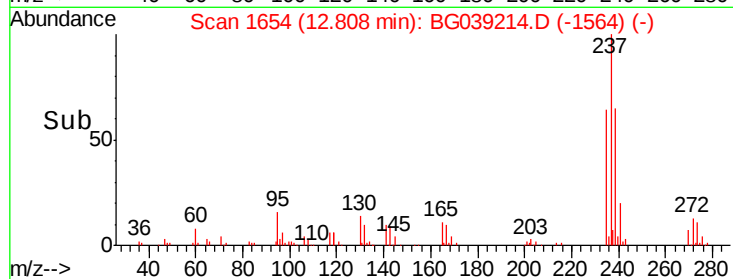
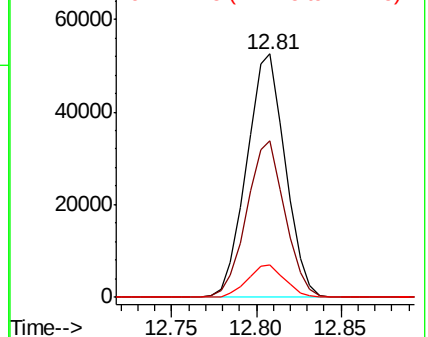
272 13.1 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.442 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

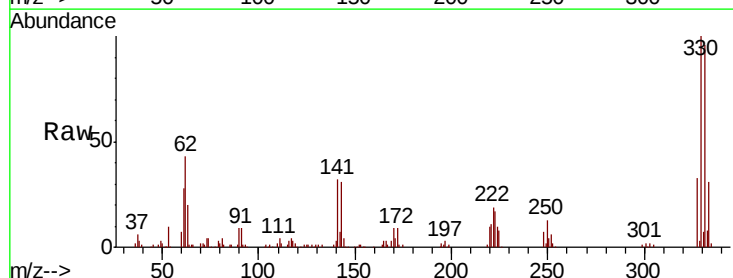
Tgt Ion:330 Resp: 126346

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

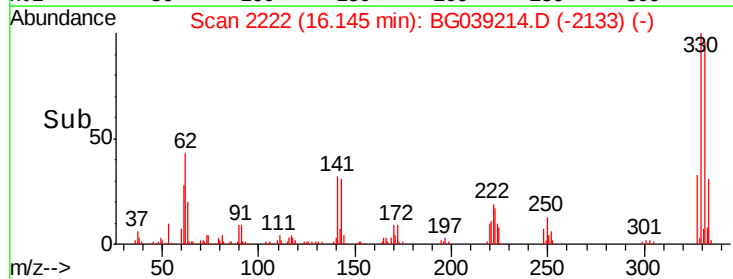
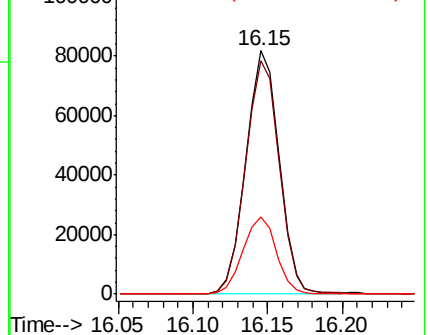
141 31.9 24.9 37.3



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

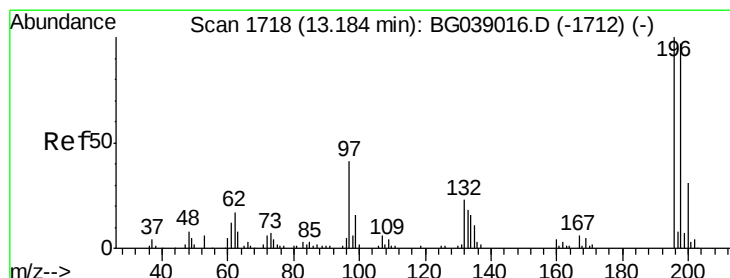
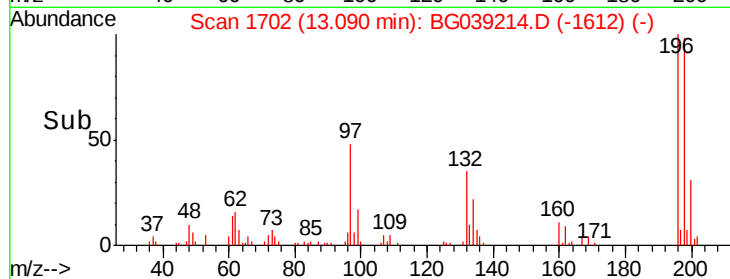
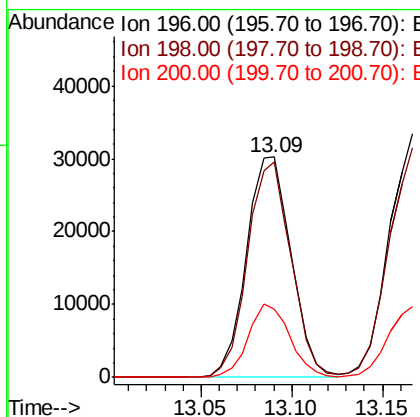
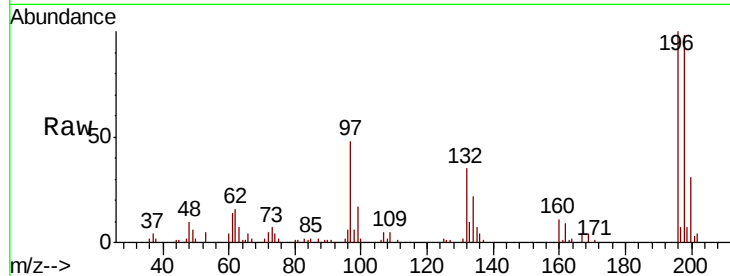




#43
 2,4,6-Trichlorophenol
 Concen: 37.608 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

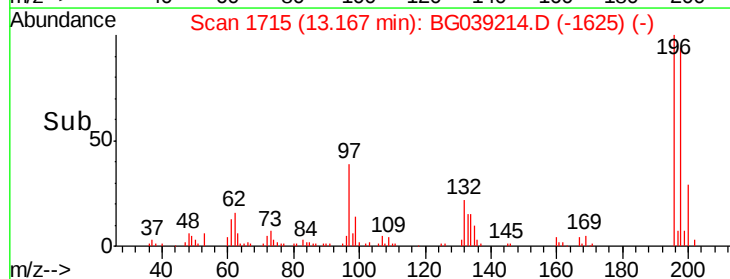
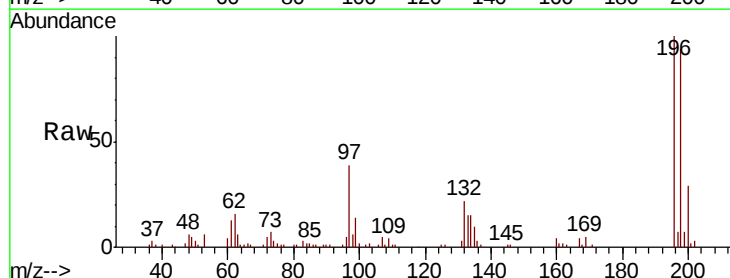
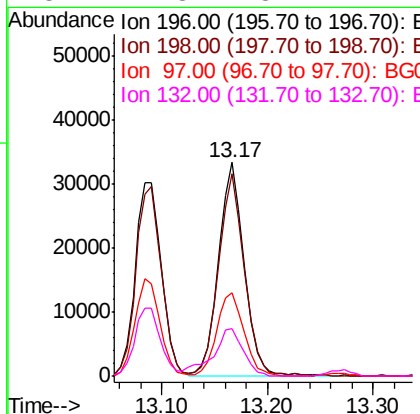
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

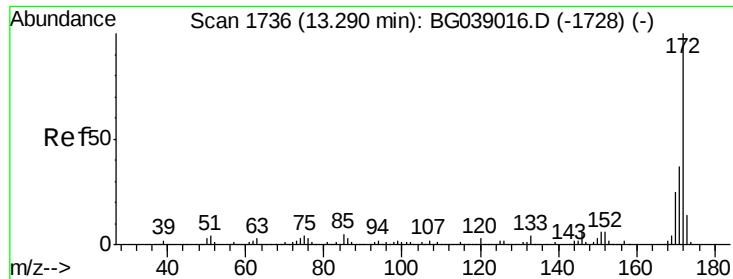
Tot Ion:196 Resp: 51761
 Ion Ratio Lower Upper
 196 100
 198 97.9 74.5 111.7
 200 31.0 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.924 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:196 Resp: 56622
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.1 117.1
 97 38.9 33.2 49.8
 132 22.3 18.2 27.4

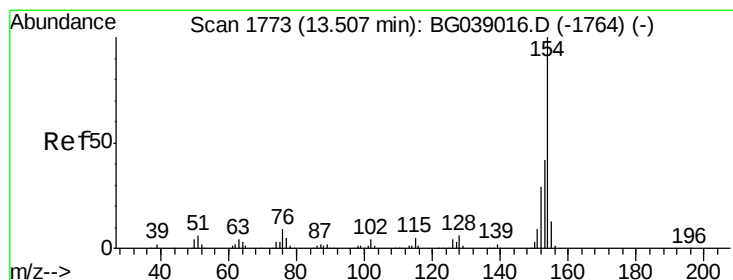
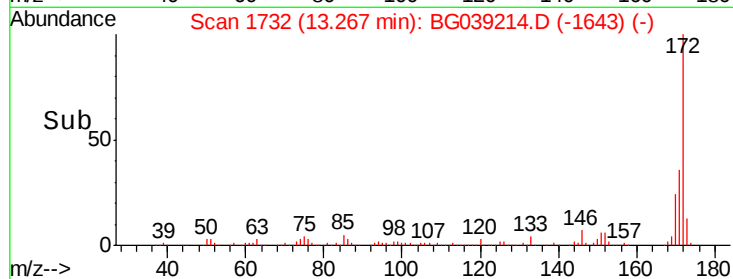
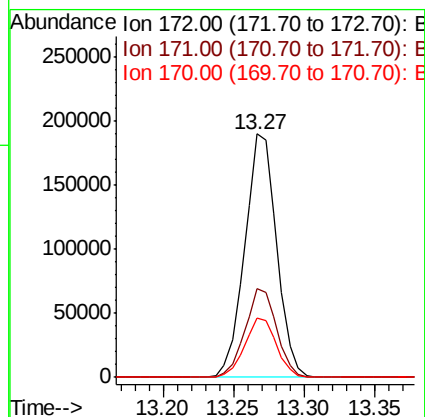
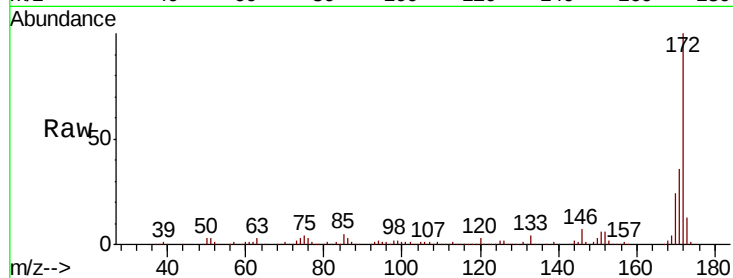




#45
 2-Fluorobiphenyl
 Concen: 70.266 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

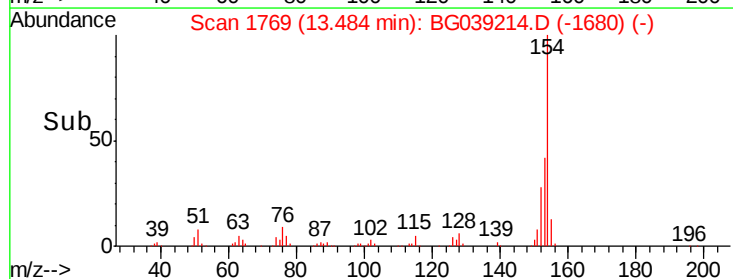
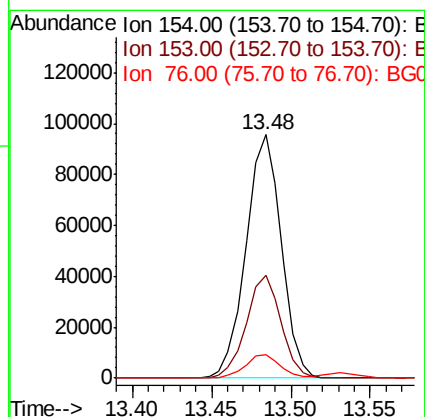
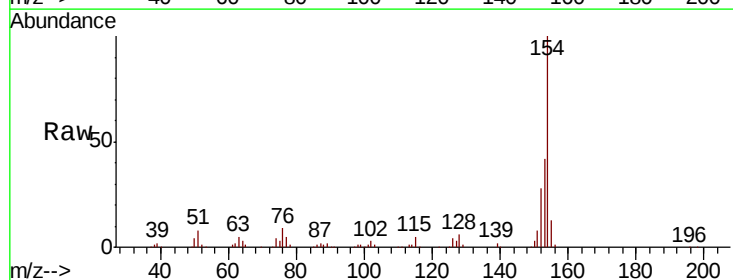
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion:172 Resp: 298966
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.2 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 32.060 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:154 Resp: 147922
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.4 62.4
 76 9.5 0.0 29.4

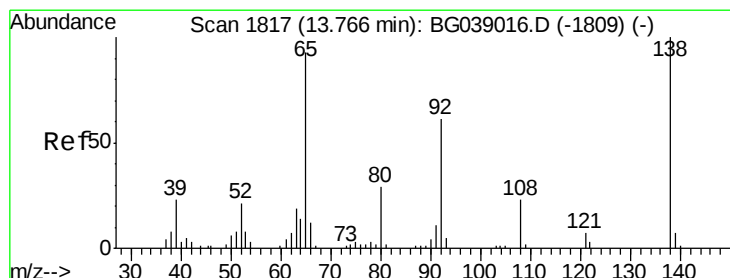
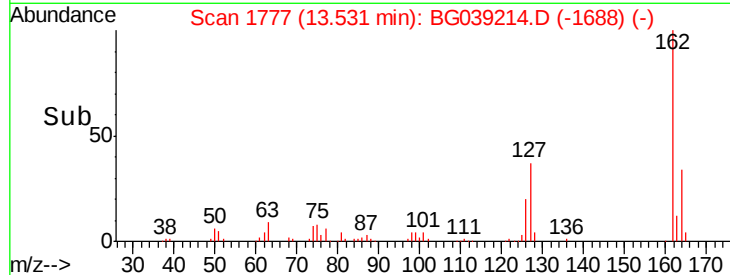
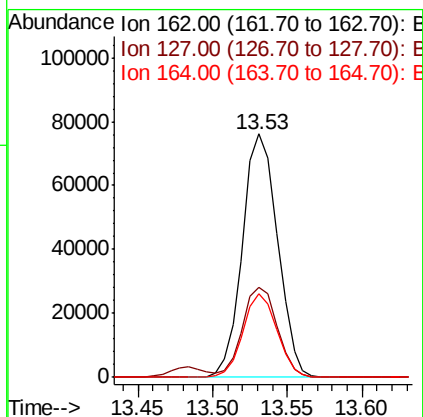
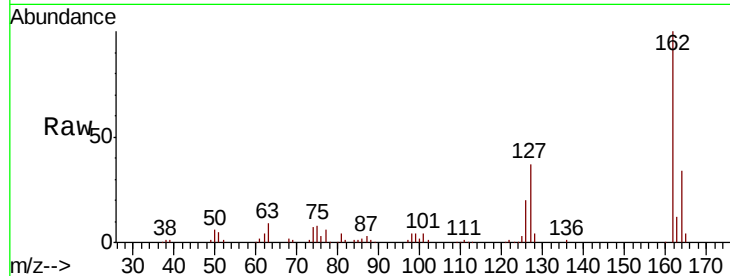




#47
 2-Chloronaphthalene
 Concen: 33.214 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

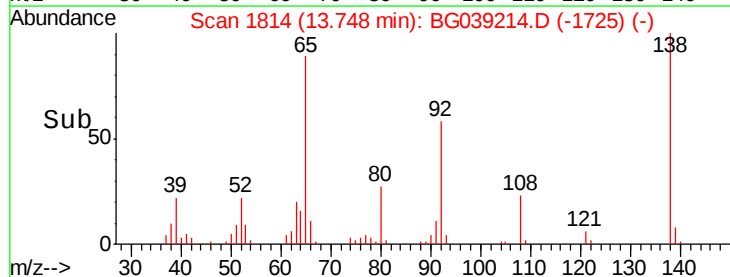
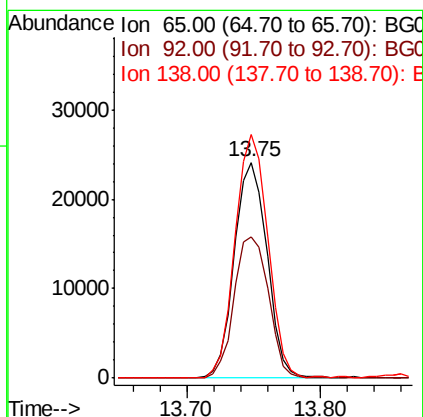
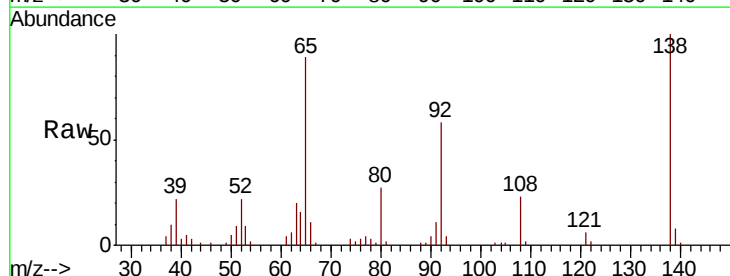
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

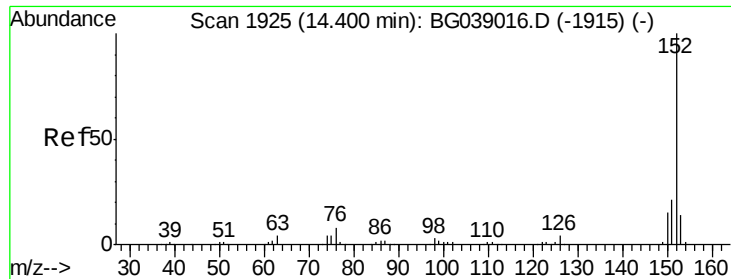
Tot Ion:162 Resp: 124012
 Ion Ratio Lower Upper
 162 100
 127 36.8 28.4 42.6
 164 34.4 26.3 39.5



#48
 2-Nitroaniline
 Concen: 39.205 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion: 65 Resp: 41009
 Ion Ratio Lower Upper
 65 100
 92 65.4 52.2 78.4
 138 112.9 86.0 129.0





#49

Acenaphthylene

Concen: 36.541 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

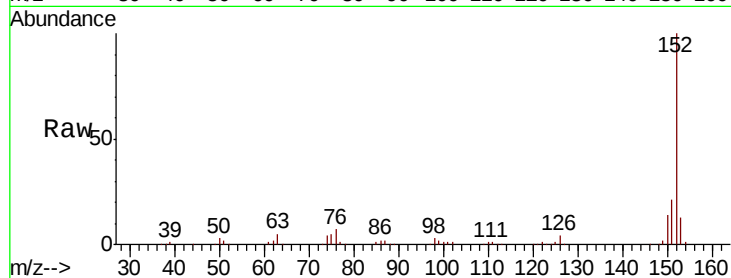
Tot Ion:152 Resp: 205070

Ion Ratio Lower Upper

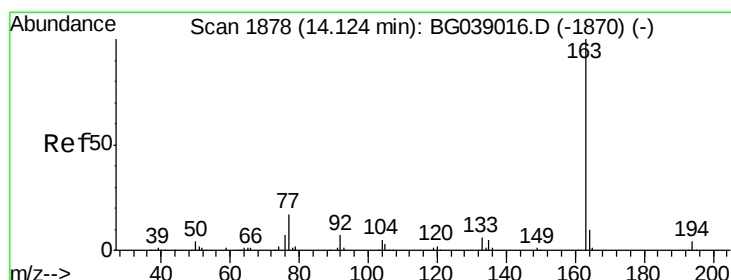
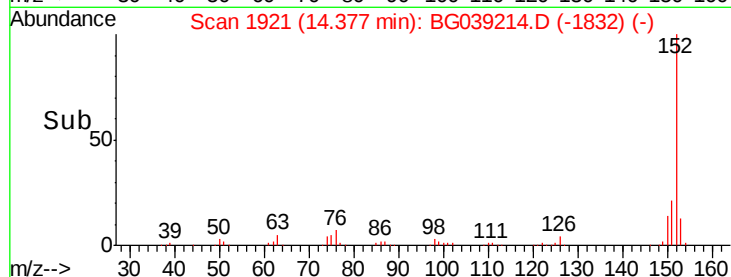
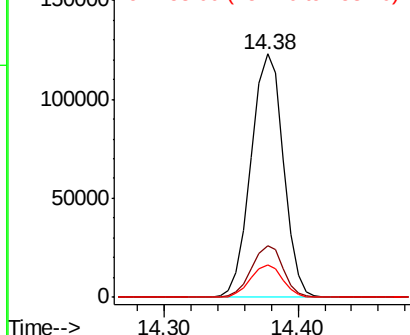
152 100

151 21.0 17.0 25.4

153 13.2 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: 36.060 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

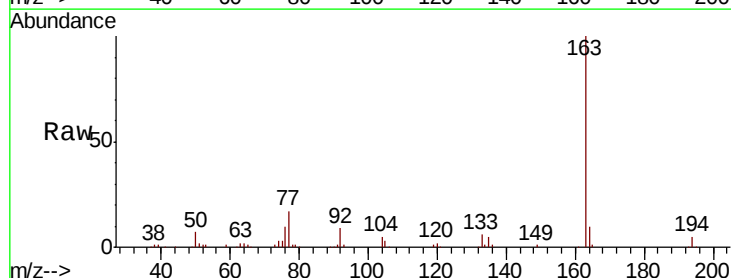
Tgt Ion:163 Resp: 177437

Ion Ratio Lower Upper

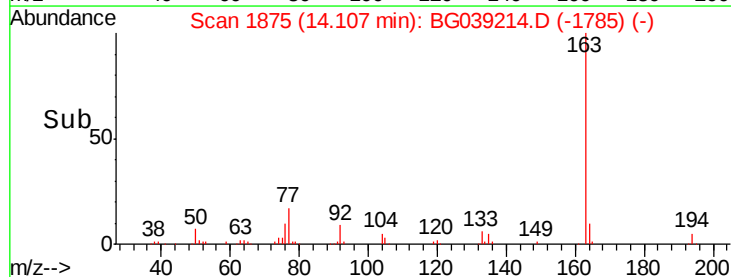
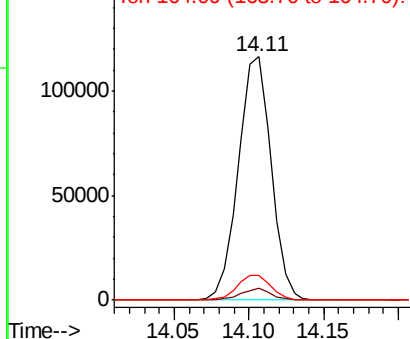
163 100

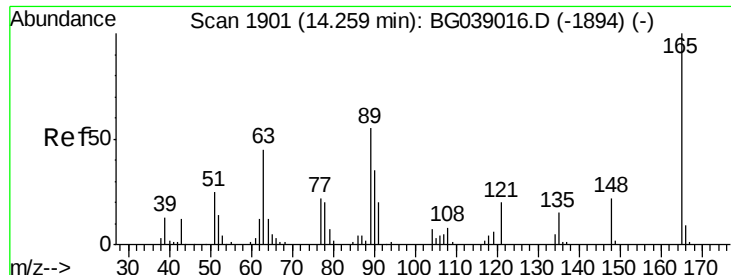
194 4.8 3.6 5.4

164 10.1 8.2 12.2



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

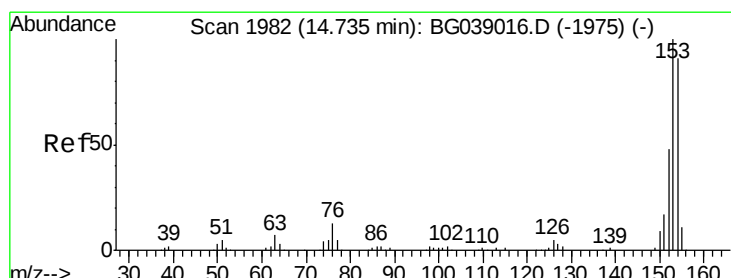
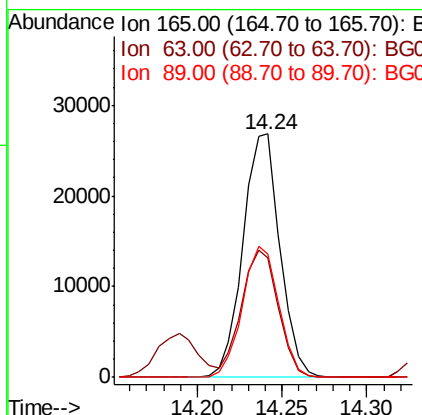
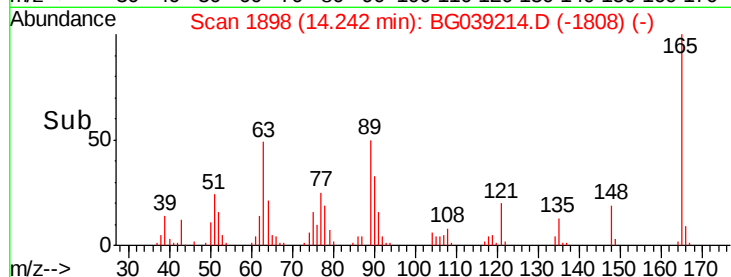
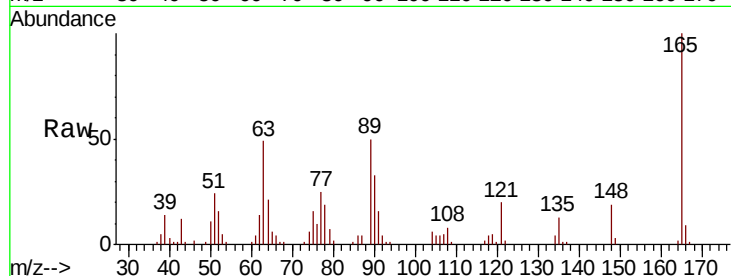




#51
2,6-Dinitrotoluene
Concen: 37.178 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

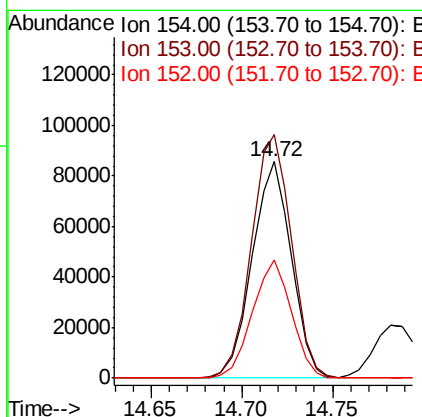
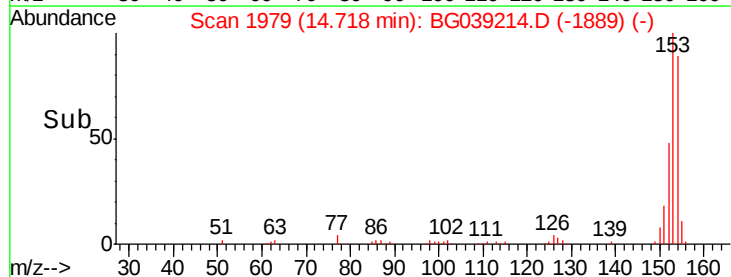
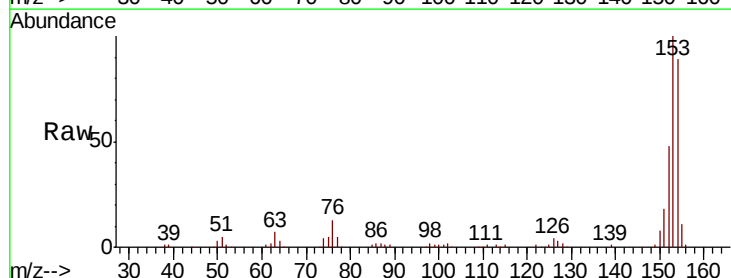
Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	43.6	65.4
89	50.5	43.7	65.5



#52
Acenaphthene
Concen: 38.065 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.9	131.9
152	54.6	42.2	63.2





#53

3-Nitroaniline

Concen: 30.447 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

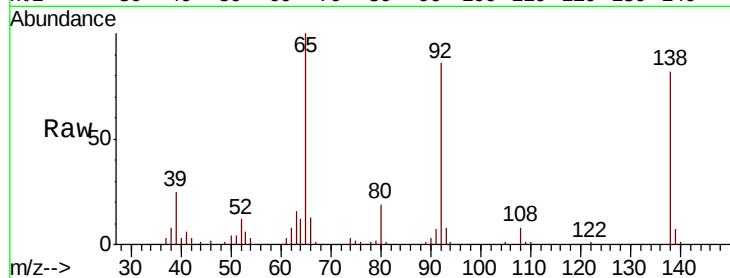
Tot Ion:138 Resp: 33979

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

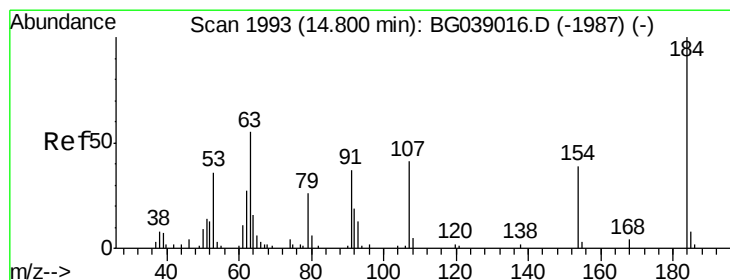
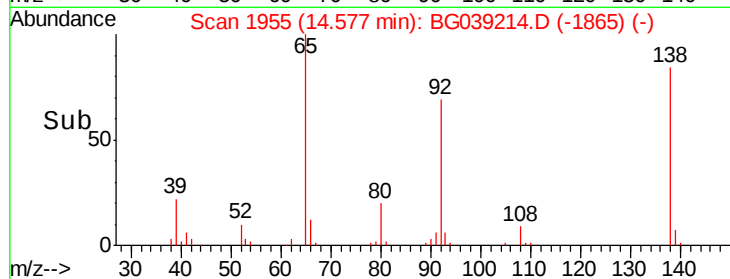
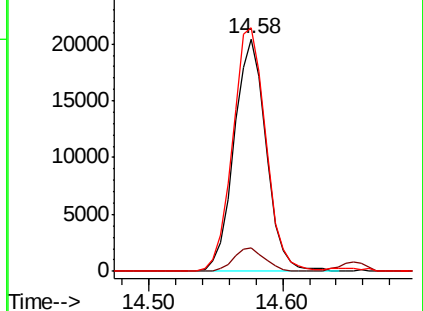
92 104.7 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.653 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

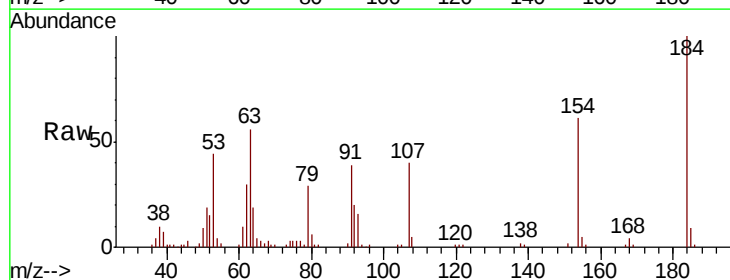
Tgt Ion:184 Resp: 59426

Ion Ratio Lower Upper

184 100

63 55.6 44.0 66.0

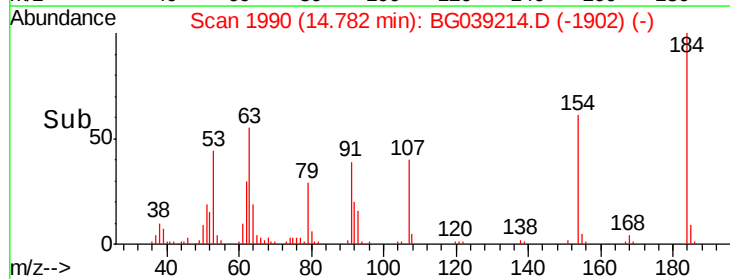
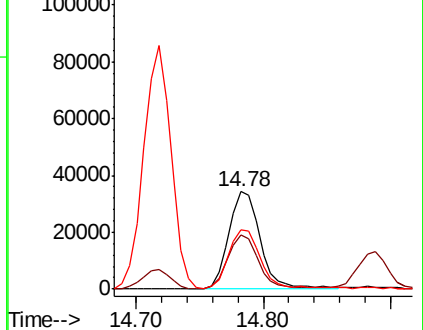
154 61.1 46.1 69.1

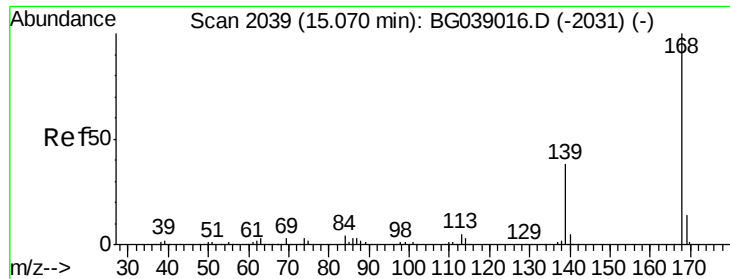


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 35.793 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

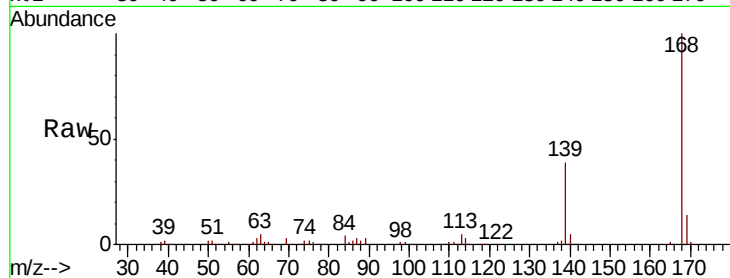
Tot Ion:168 Resp: 213148

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

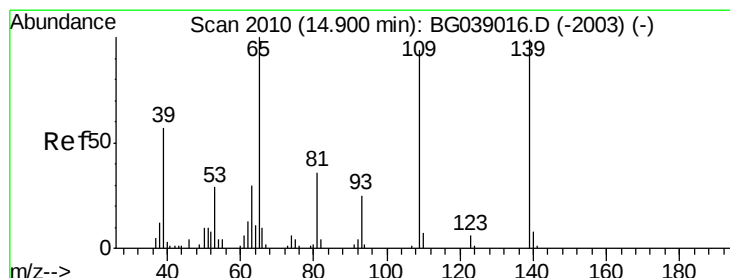
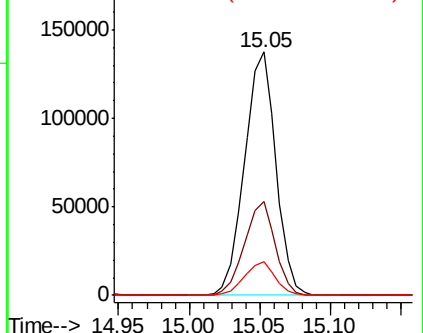
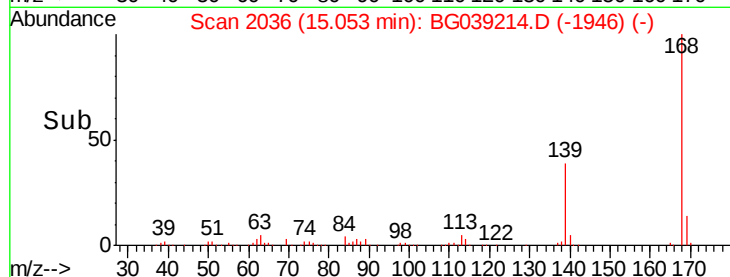
169 14.0 10.9 16.3



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: 86.743 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

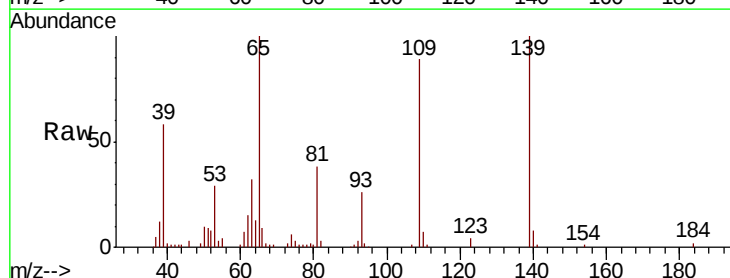
Tgt Ion:139 Resp: 69654

Ion Ratio Lower Upper

139 100

109 89.4 75.6 115.6

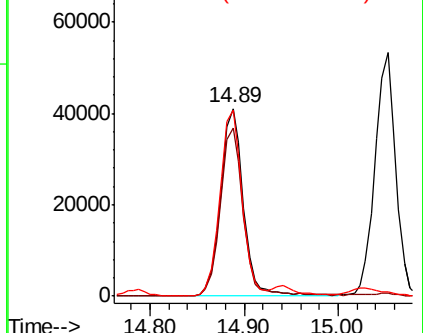
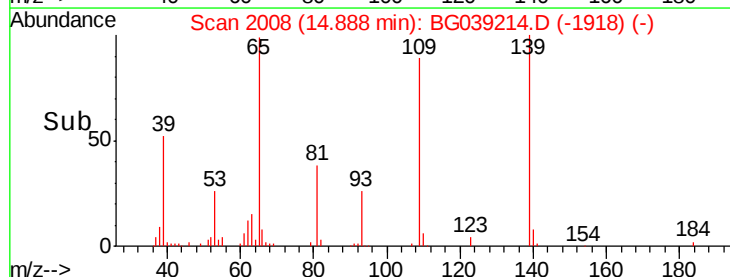
65 99.5 81.2 121.2

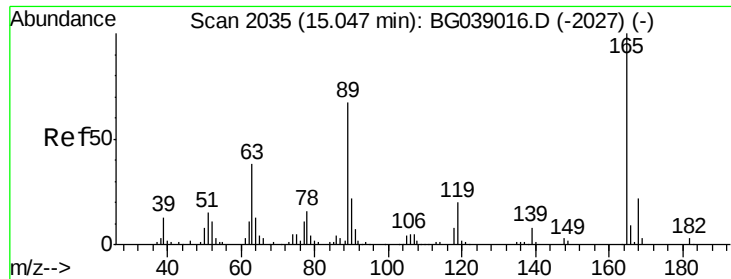


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

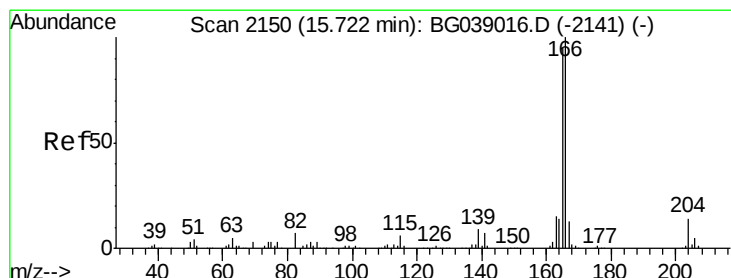
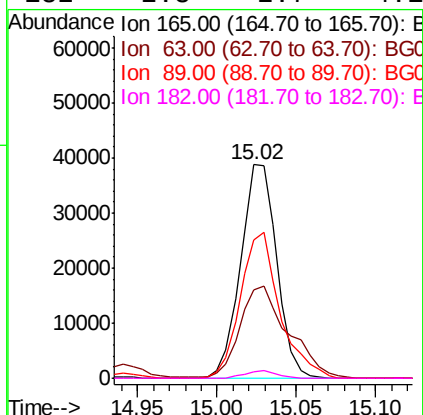
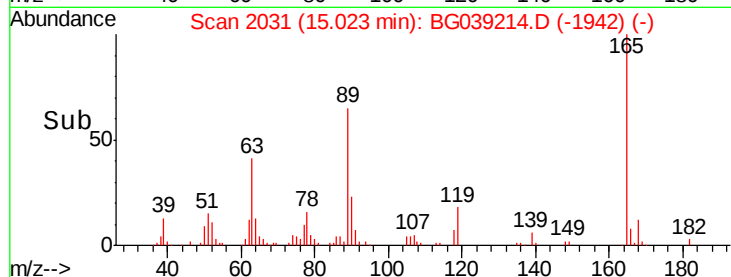
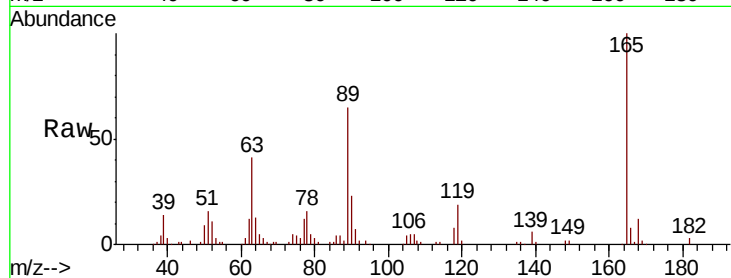




#57
2,4-Dinitrotoluene
Concen: 38.760 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

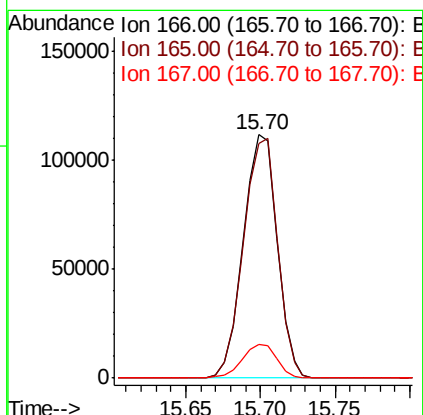
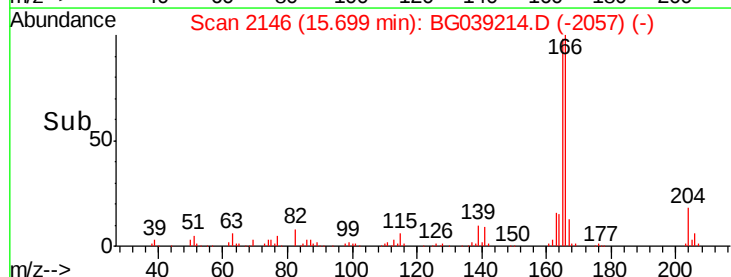
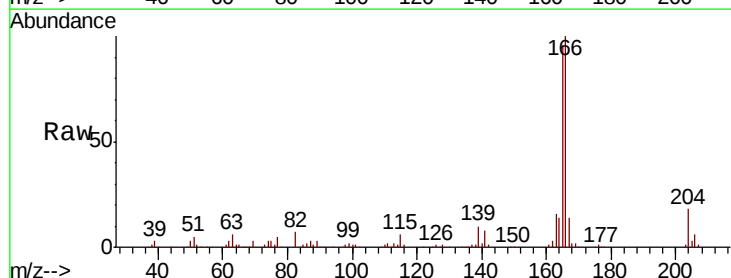
Instrument :
BNA_G
ClientSampleId :
PB116467BS

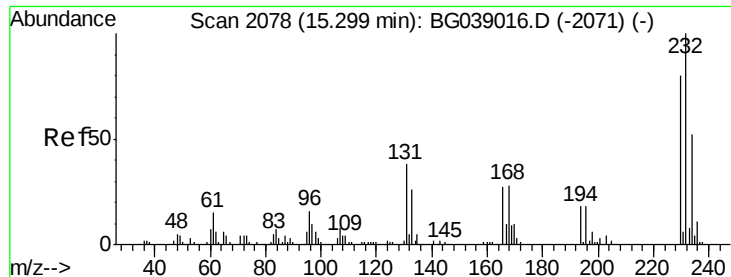
Tot Ion:165 Resp: 61175
Ion Ratio Lower Upper
165 100
63 41.5 30.2 45.4
89 64.8 53.2 79.8
182 2.8 2.7 4.1



#58
Fluorene
Concen: 39.113 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:166 Resp: 175324
Ion Ratio Lower Upper
166 100
165 96.3 76.2 114.2
167 13.7 10.6 16.0

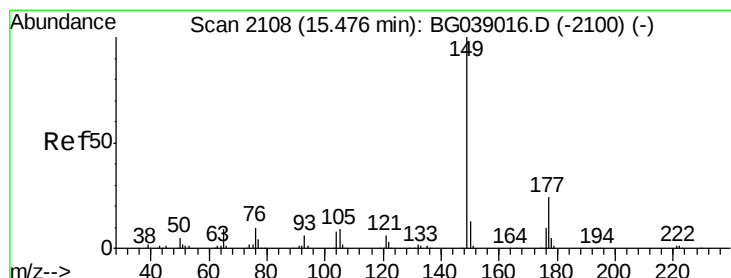
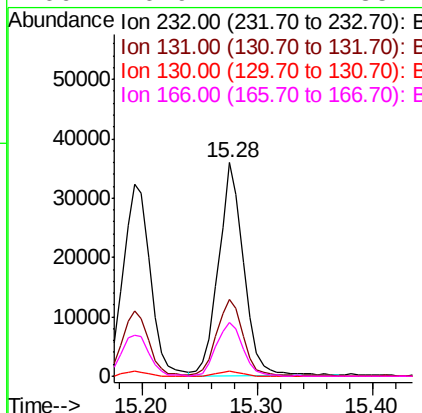
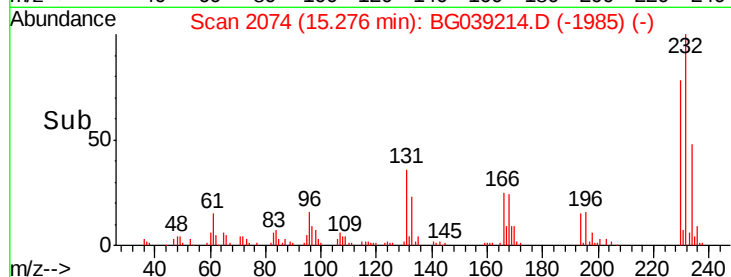
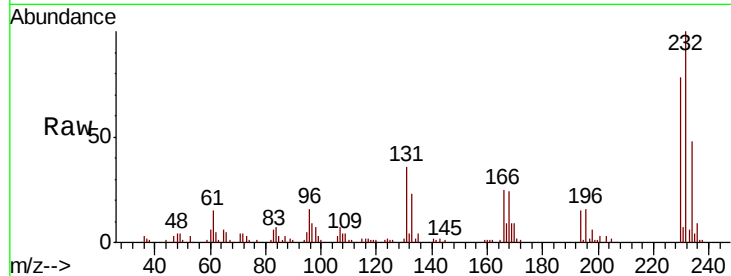




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.166 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

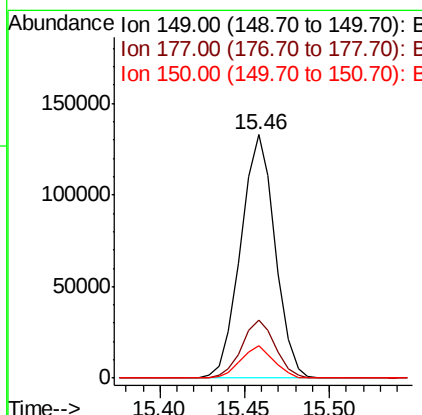
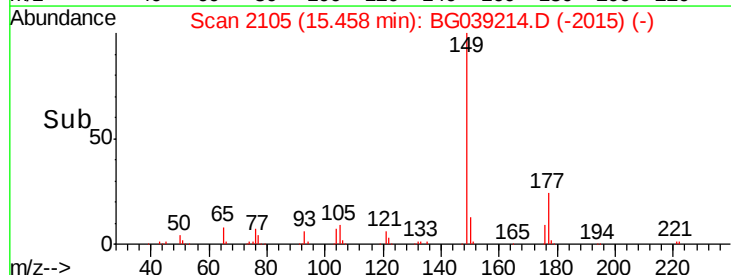
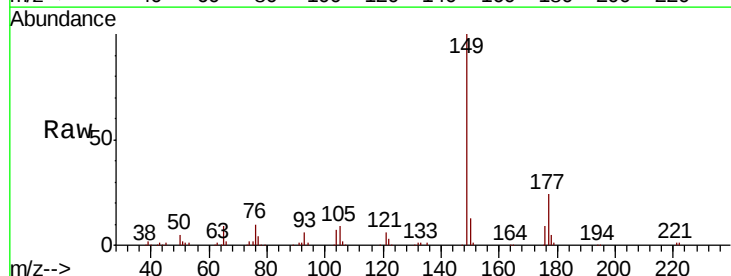
Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:232	Resp: 53782
Ion Ratio	Lower Upper
232 100	
131 38.4	30.9 46.3
130 2.3	1.9 2.9
166 26.9	22.1 33.1



#60
Diethylphthalate
Concen: 37.106 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion	149	Resp: Lower	188116 Upper
	Ratio		
149	100		
177	23.6	19.0	28.6
150	13.3	10.2	15.4

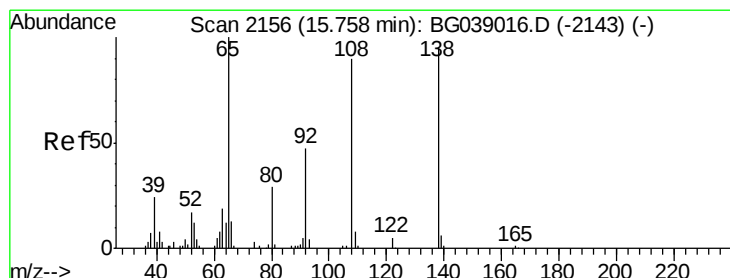
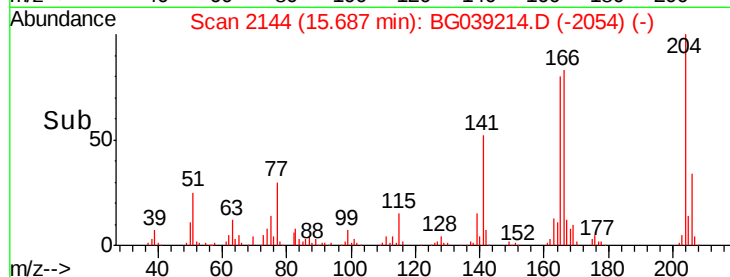
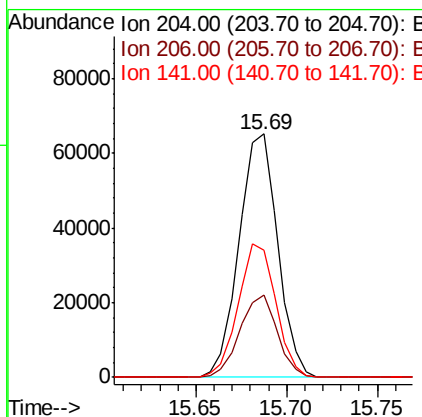
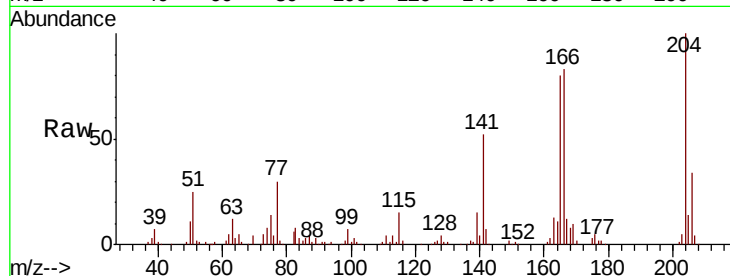




#61
 4-Chlorophenyl-phenylether
 Concen: 34.220 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

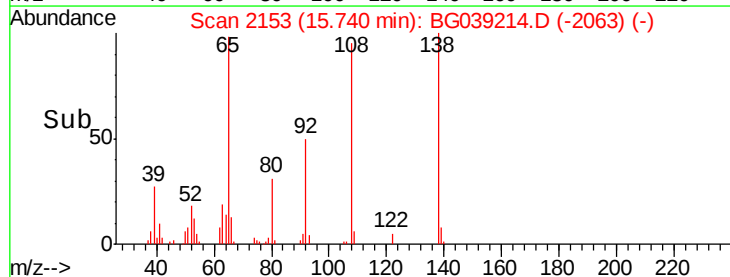
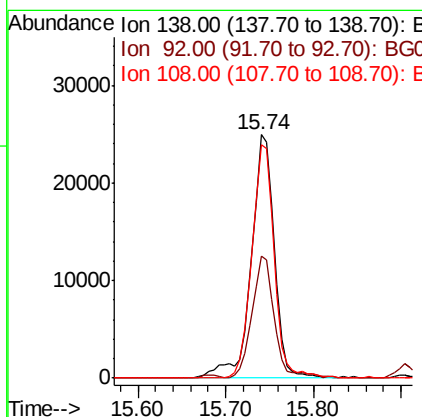
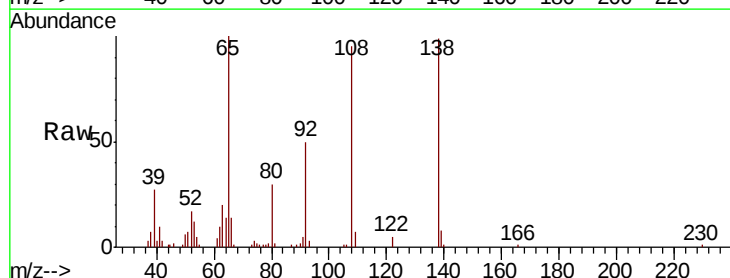
Instrument :
 BNA_G
 ClientSampleID :
 PB116467BS

Tot Ion:204 Resp: 96637
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.6 39.8
 141 52.5 41.4 62.0



#62
 4-Nitroaniline
 Concen: 38.542 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:138 Resp: 44809
 Ion Ratio Lower Upper
 138 100
 92 50.1 29.7 69.7
 108 95.8 75.7 115.7





#63

Azobenzene

Concen: 39.225 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

Tot Ion: 77 Resp: 155512

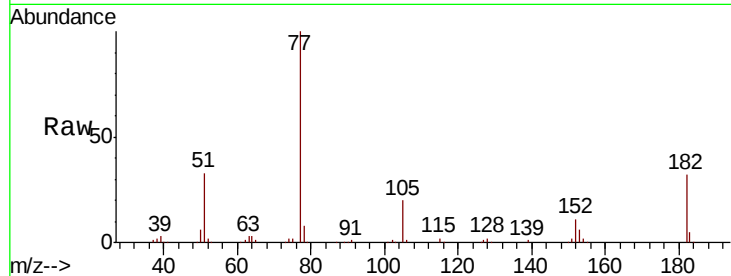
Ion Ratio Lower Upper

77 100

182 32.0 12.2 52.2

105 20.4 1.2 41.2

51 33.3 13.4 53.4

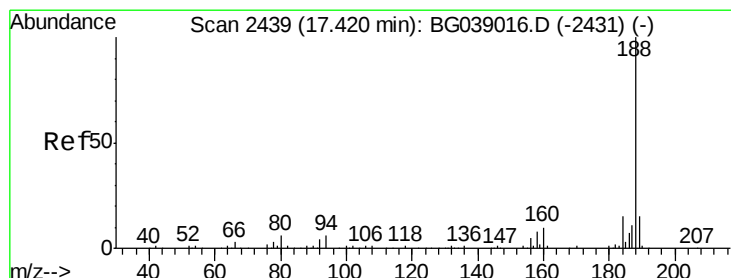
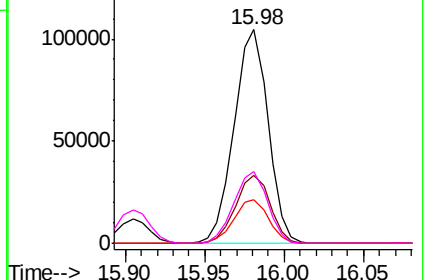
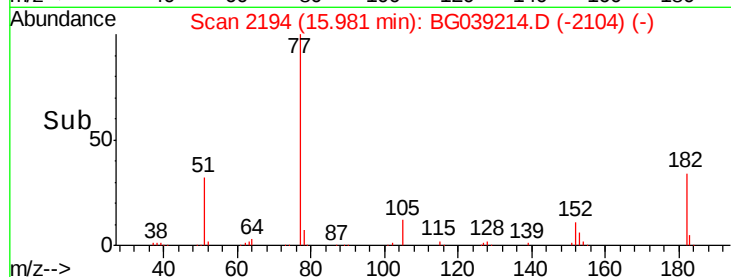


Abundance Ion 77.00 (76.70 to 77.70): BG039214.D (-2190) (-)

Ion 182.00 (181.70 to 182.70): BG039214.D (-2190) (-)

Ion 105.00 (104.70 to 105.70): BG039214.D (-2190) (-)

Ion 51.00 (50.70 to 51.70): BG039214.D (-2190) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

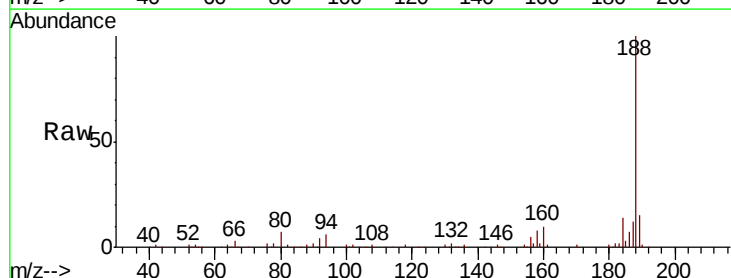
Tgt Ion: 188 Resp: 142703

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

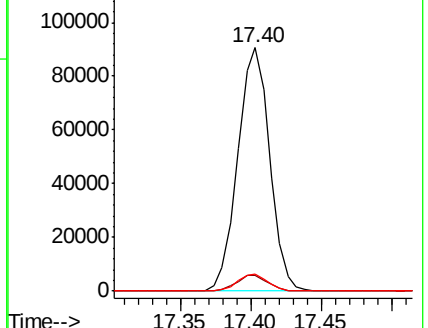
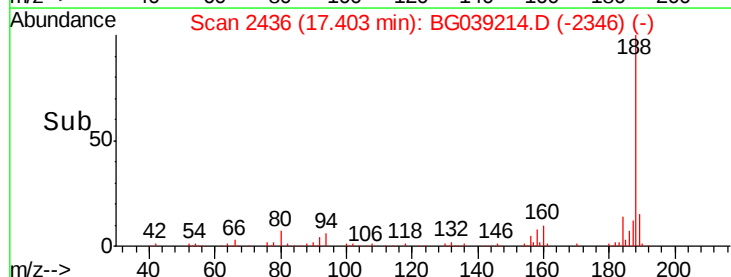
80 7.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BG039214.D (-2346) (-)

Ion 94.00 (93.70 to 94.70): BG039214.D (-2346) (-)

Ion 80.00 (79.70 to 80.70): BG039214.D (-2346) (-)

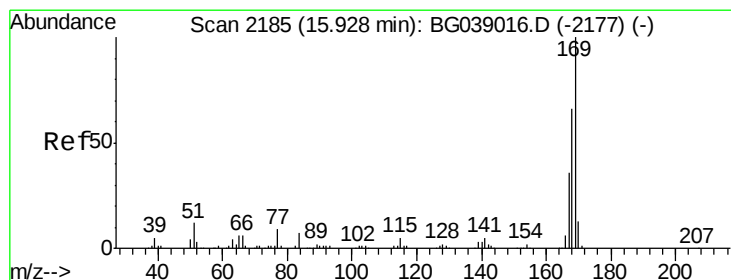
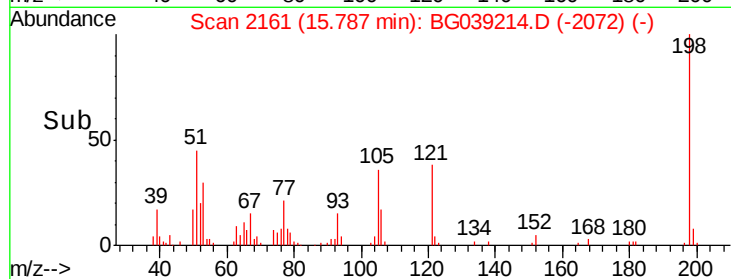
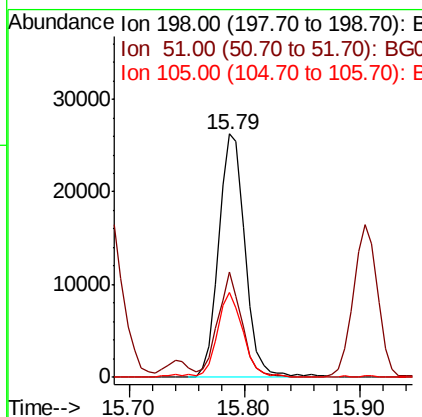
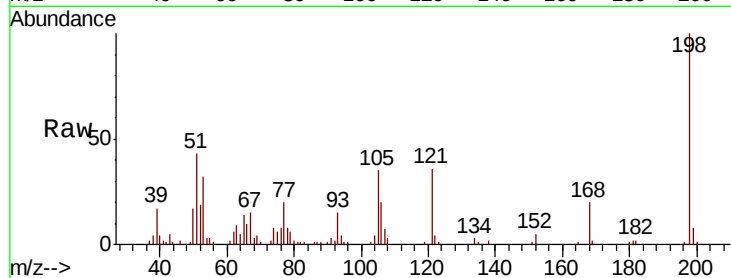




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.281 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

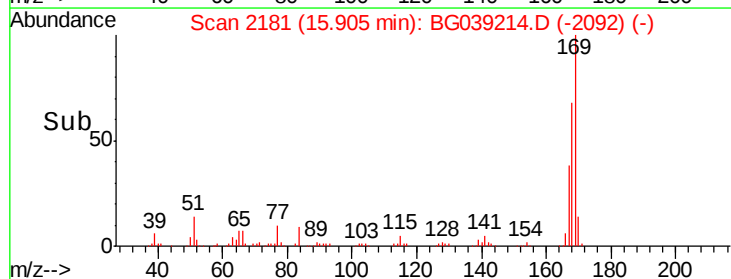
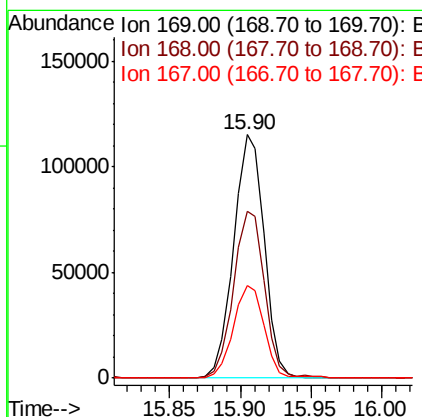
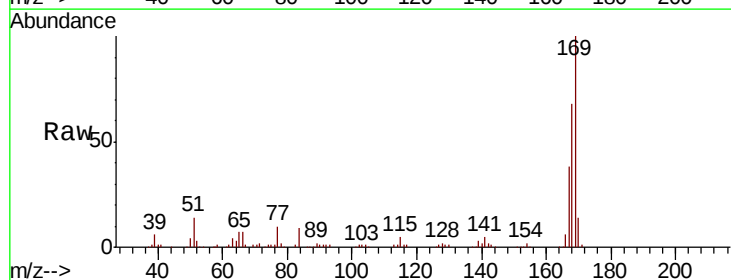
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

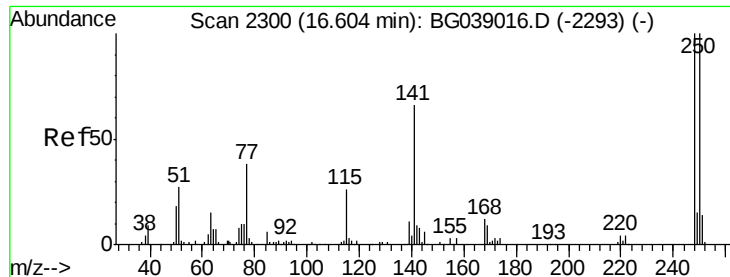
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.1	20.8	60.8
105	34.9	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.940 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.2	79.8
167	38.3	29.1	43.7

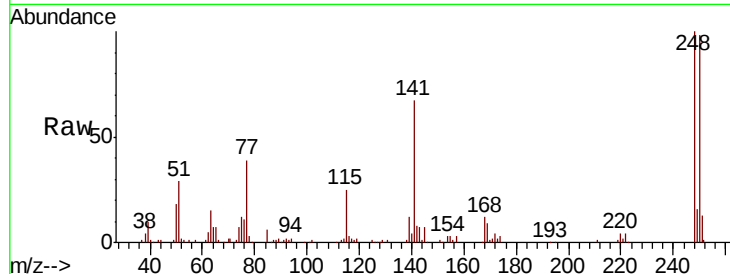




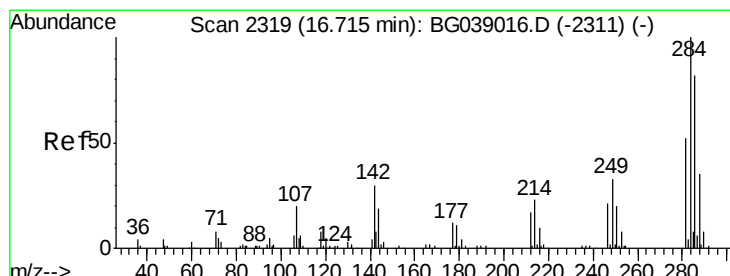
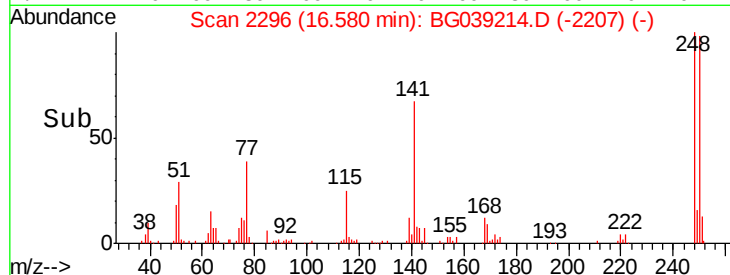
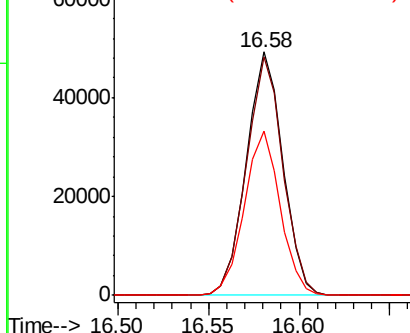
#67
 4-Bromophenyl-phenylether
 Concen: 37.533 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion:248 Resp: 68850
 Ion Ratio Lower Upper
 248 100
 250 97.8 79.9 119.9
 141 67.4 52.7 79.1

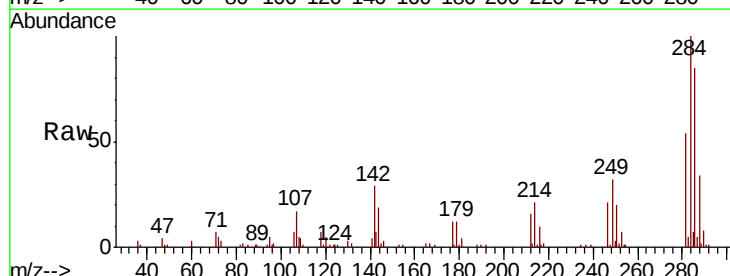


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

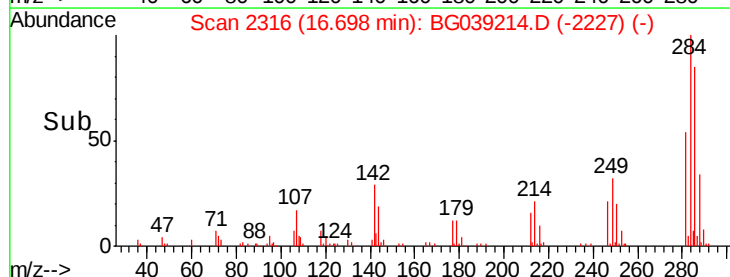
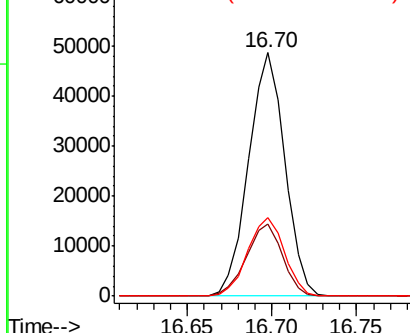


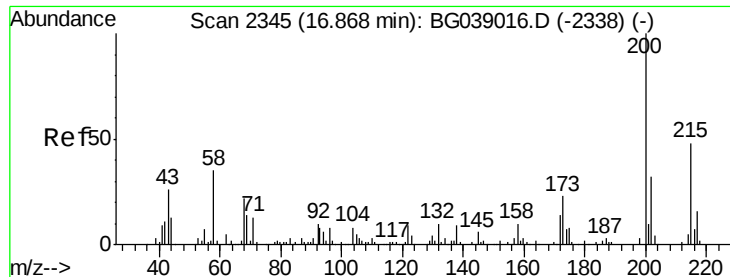
#68
 Hexachlorobenzene
 Concen: 36.307 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:284 Resp: 72674
 Ion Ratio Lower Upper
 284 100
 142 29.5 24.3 36.5
 249 34.5 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: 39.199 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

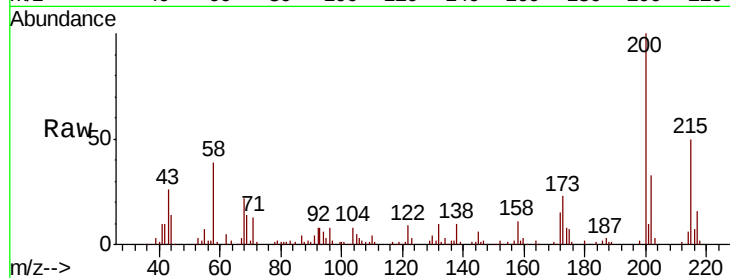
Tot Ion:200 Resp: 70447

Ion Ratio Lower Upper

200 100

173 23.4 2.6 42.6

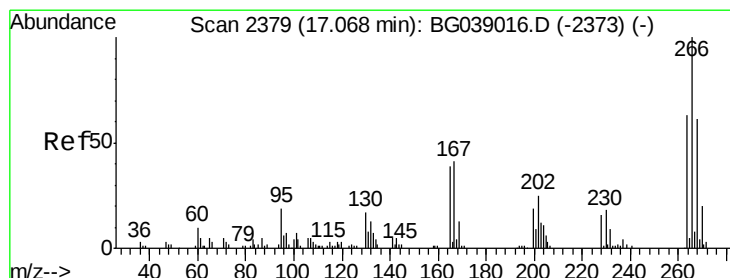
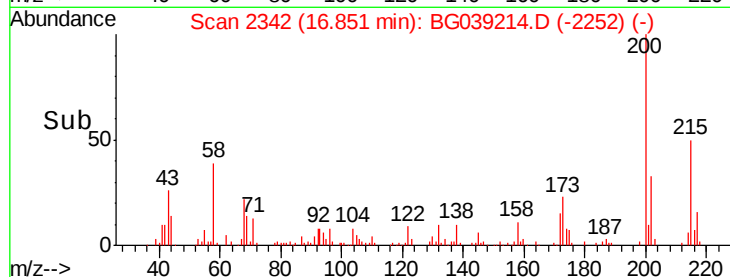
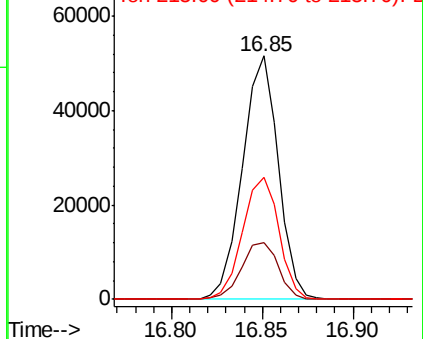
215 49.9 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.045 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

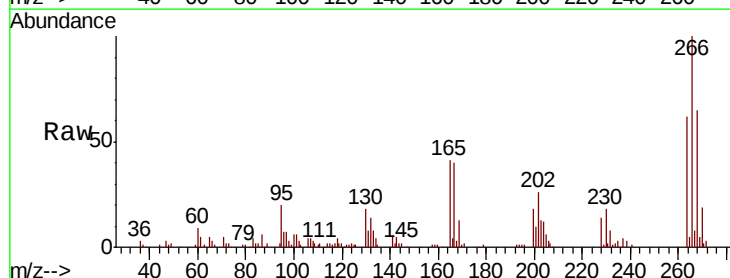
Tgt Ion:266 Resp: 78997

Ion Ratio Lower Upper

266 100

268 69.3 52.0 78.0

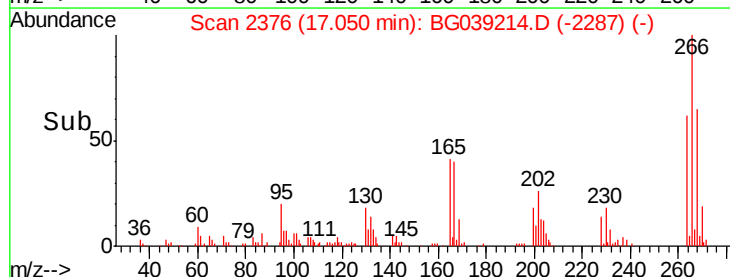
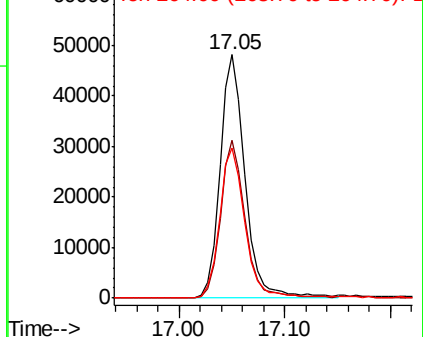
264 61.6 54.6 81.8

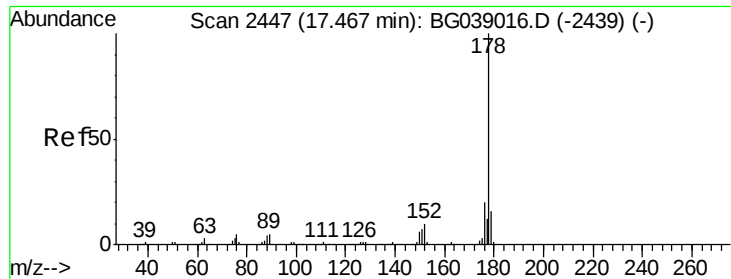


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

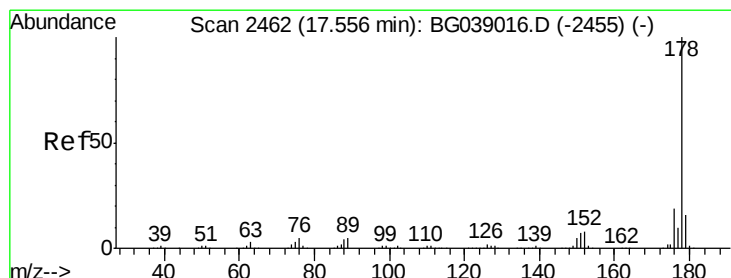
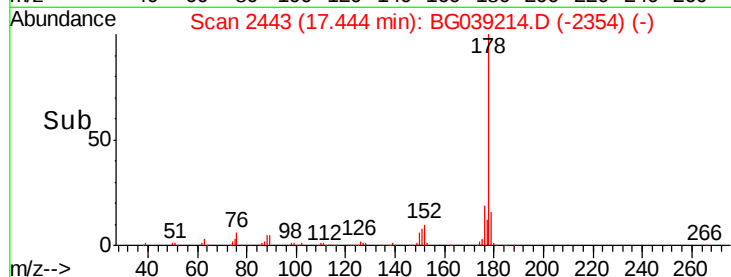
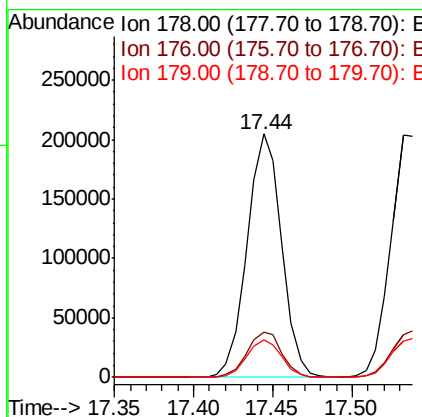
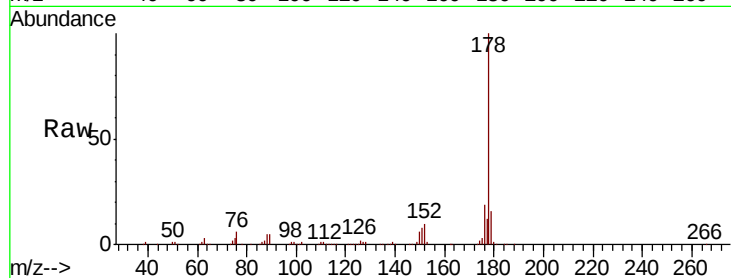




#71
Phenanthrene
Concen: 40.907 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

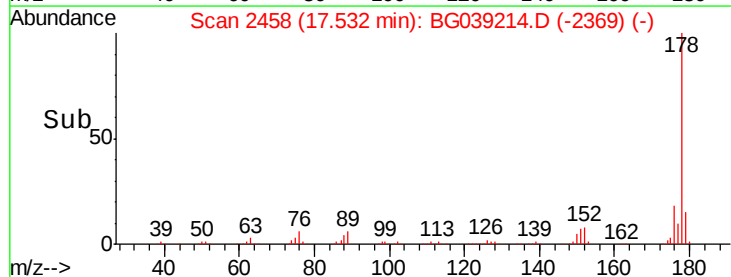
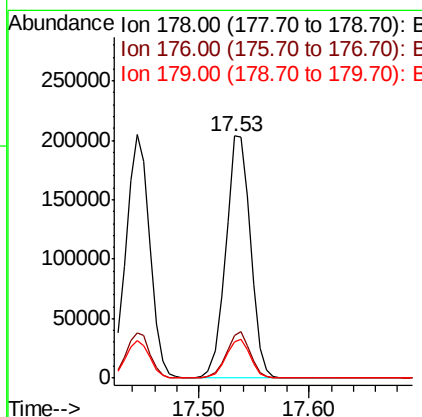
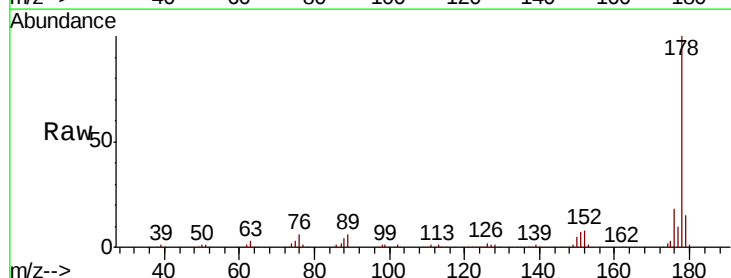
Instrument :
BNA_G
ClientSampleId :
PB116467BS

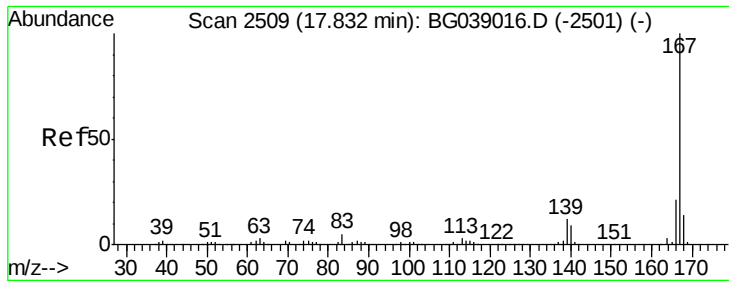
Tot Ion:178 Resp: 308557
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.5 12.9 19.3



#72
Anthracene
Concen: 42.779 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:178 Resp: 319038
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.2 13.0 19.4

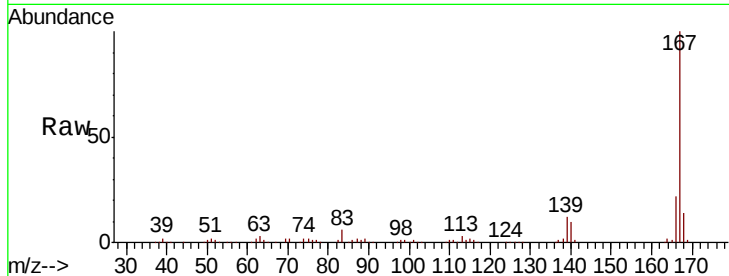




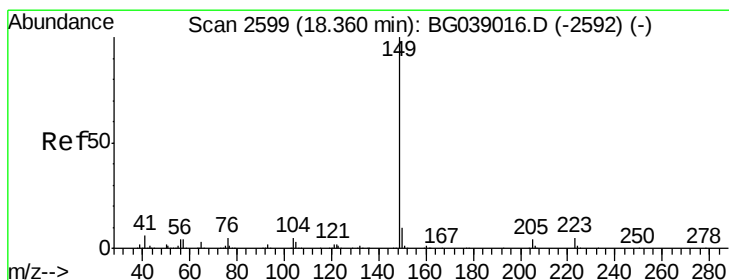
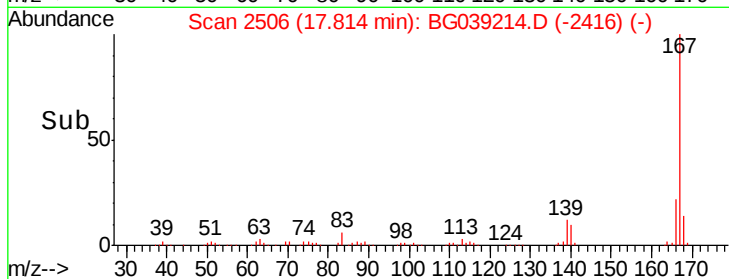
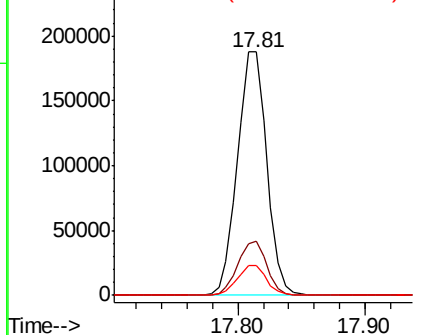
#73
 Carbazole
 Concen: 40.948 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

Tot Ion:167 Resp: 301470
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.9 25.3
 139 12.3 10.0 15.0

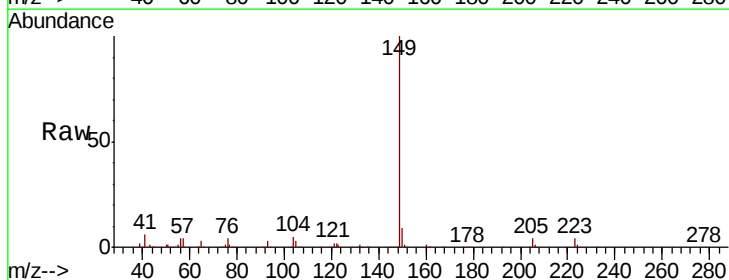


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

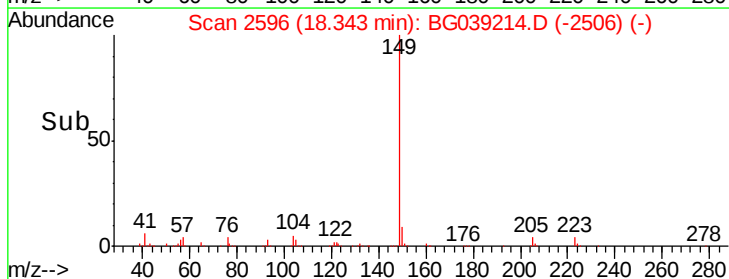
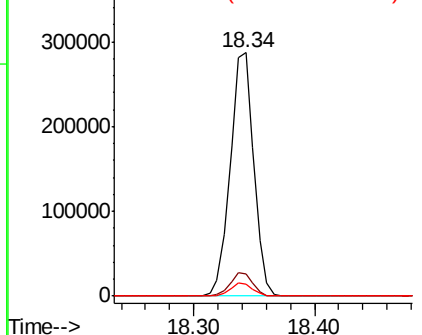


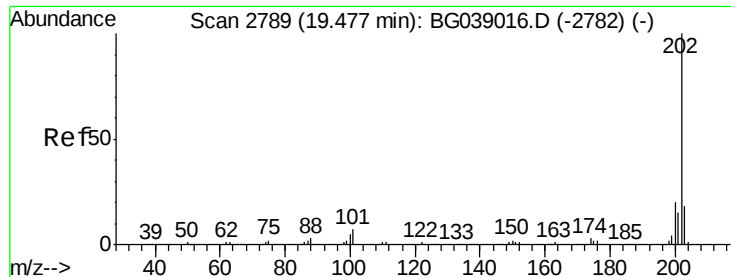
#74
 Di-n-butylphthalate
 Concen: 47.434 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion:149 Resp: 388501
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.1 4.2 6.2



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

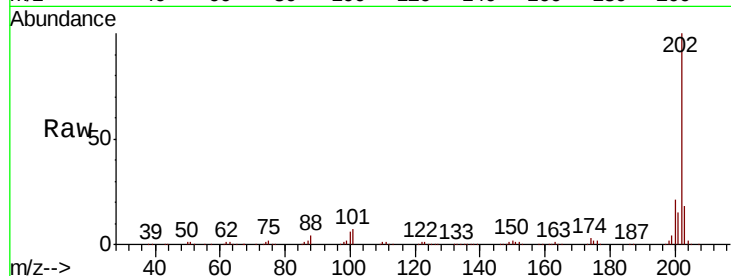




#75
Fluoranthene
Concen: 44.151 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	26.9
203	17.9	0.0	38.1

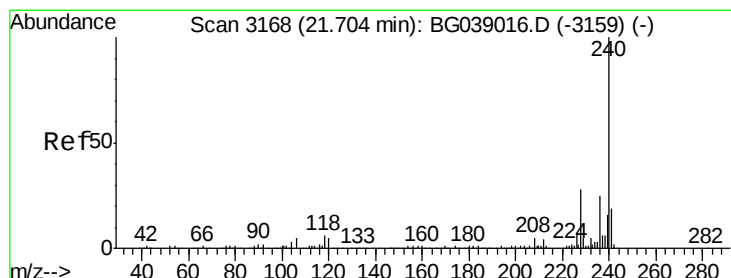
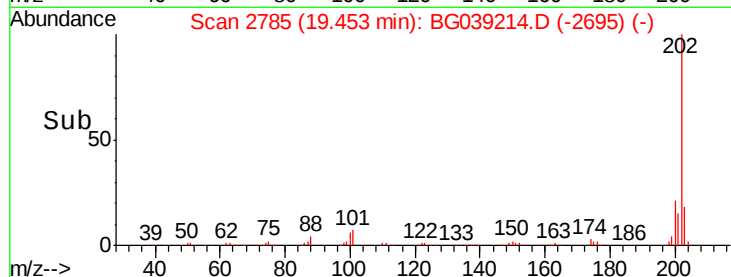
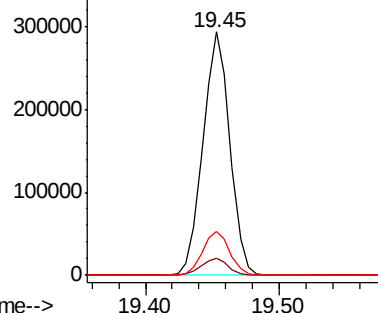


Abundance

Ion 202.00 (201.70 to 202.70): E

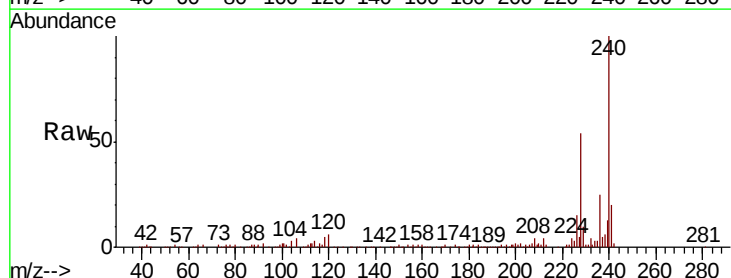
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.3	6.5
236	25.0	20.1	30.1

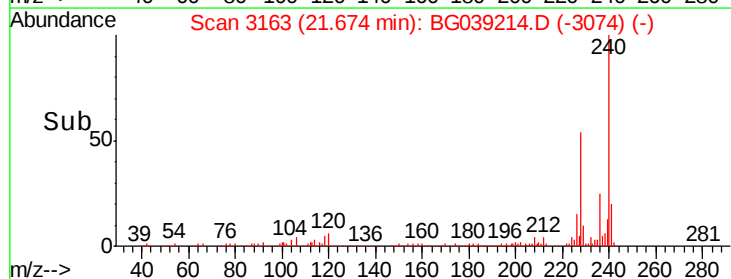
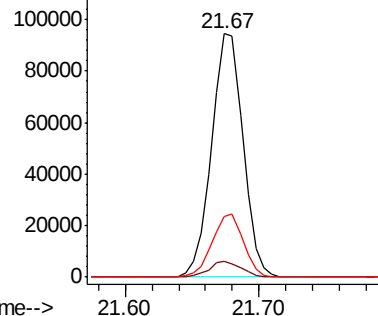


Abundance

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: 29.096 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

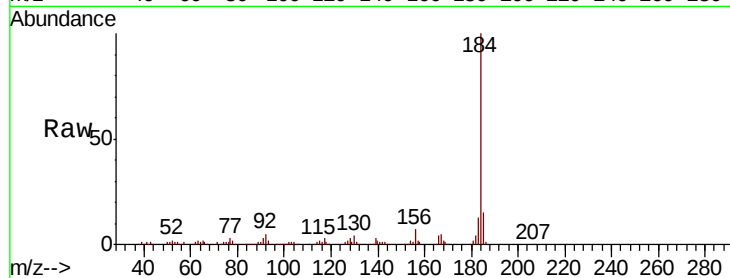
Tot Ion:184 Resp: 136661

Ion Ratio Lower Upper

184 100

185 14.9 12.1 18.1

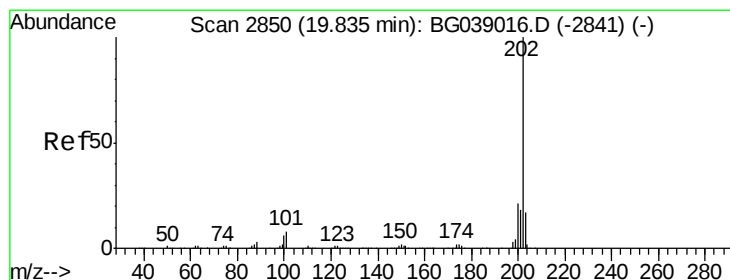
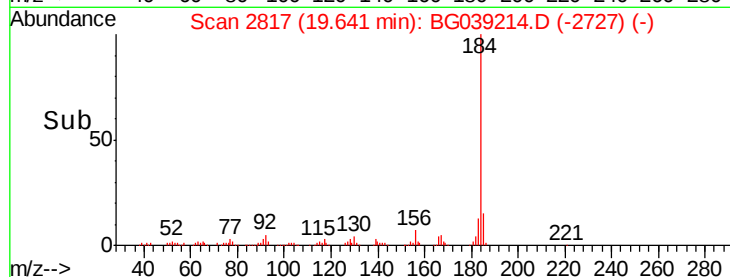
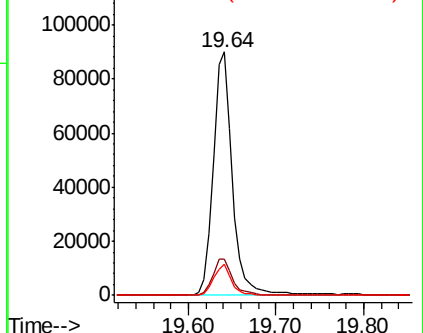
183 12.6 9.5 14.3



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: 40.467 ng

RT: 19.82 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

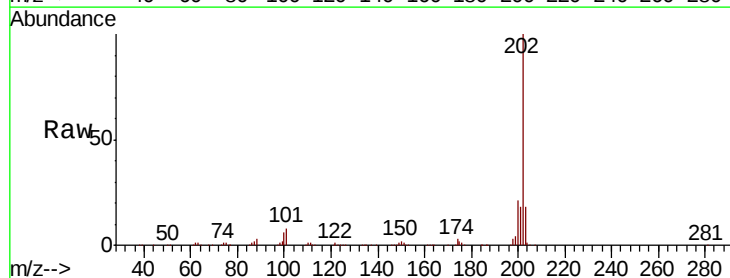
Tgt Ion:202 Resp: 396030

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

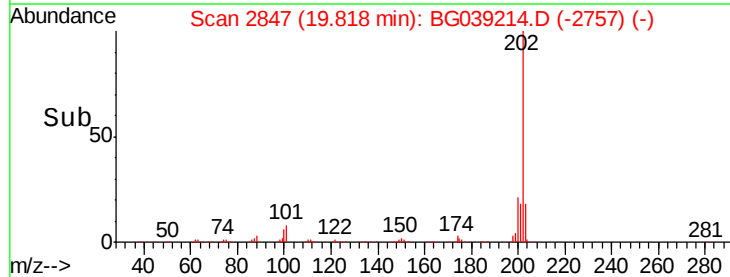
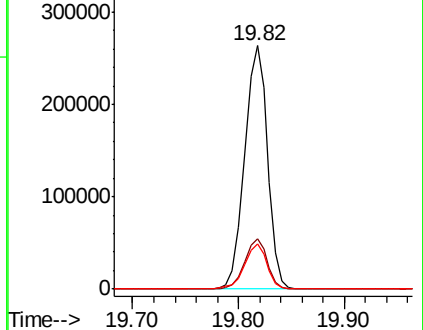
203 18.4 14.0 21.0

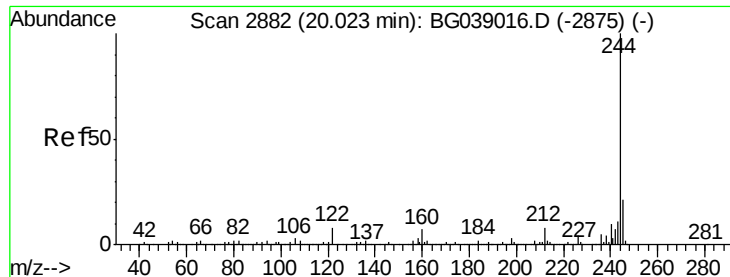


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.360 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

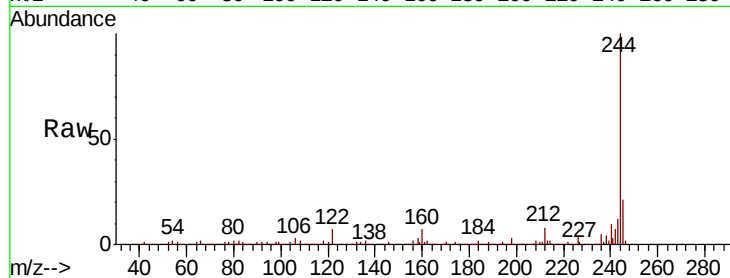
Tot Ion:244 Resp: 658782

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

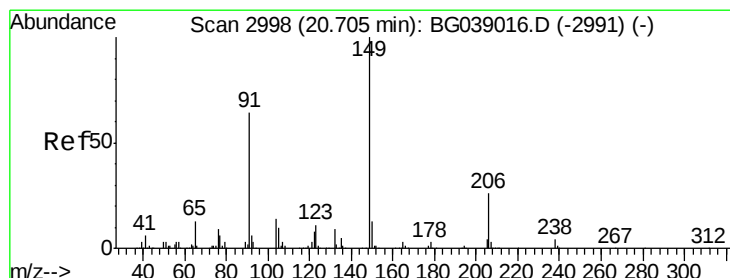
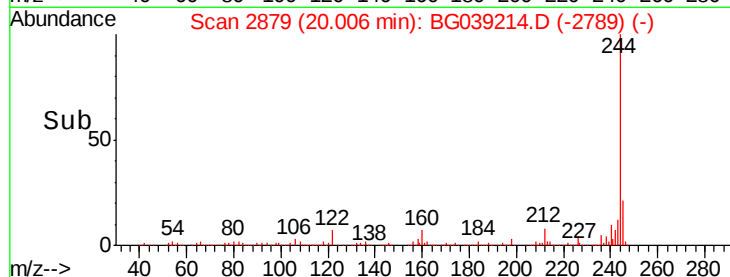
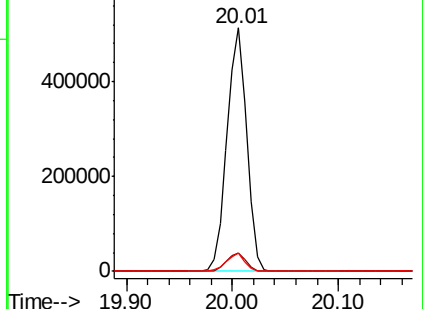
122 7.3 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.193 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

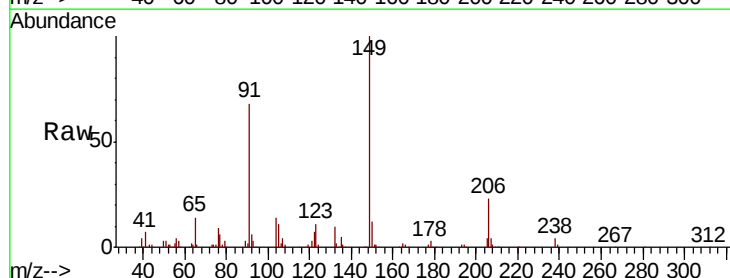
Tgt Ion:149 Resp: 149604

Ion Ratio Lower Upper

149 100

91 67.7 51.4 77.0

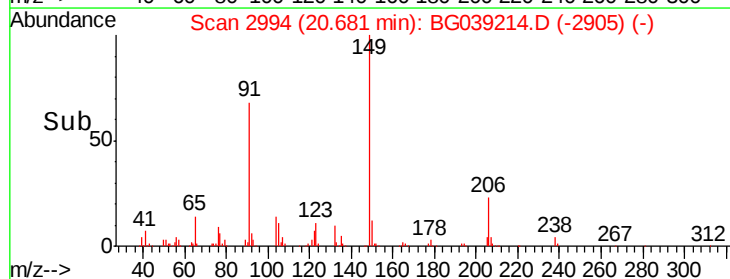
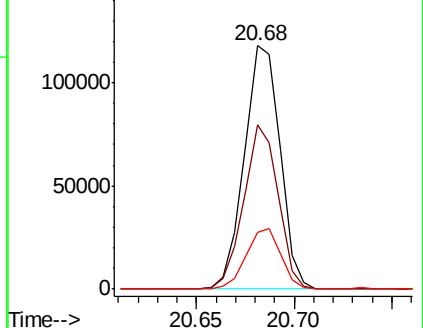
206 23.1 20.4 30.6

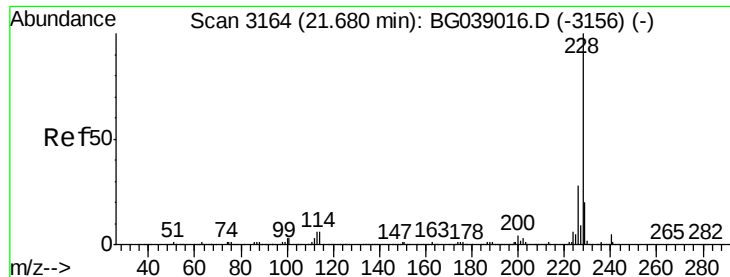


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.145 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

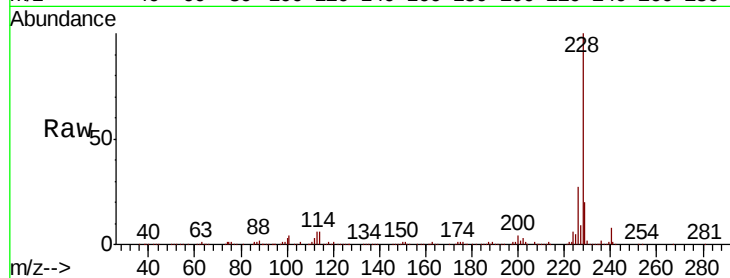
Tot Ion:228 Resp: 384631

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

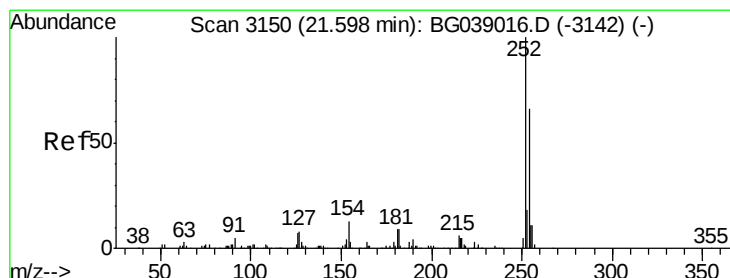
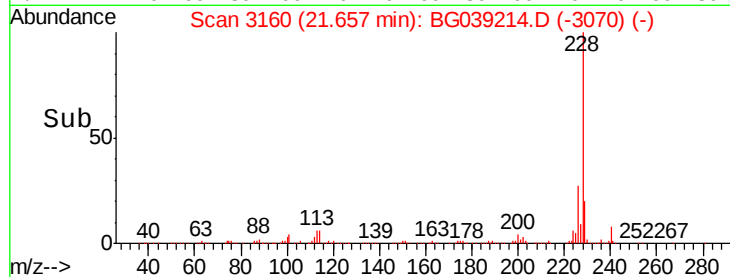
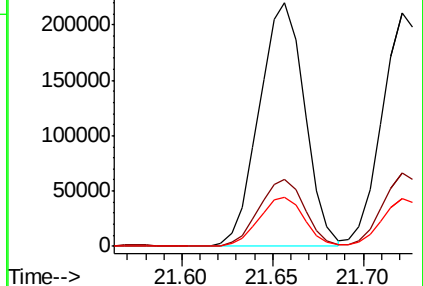
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.529 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

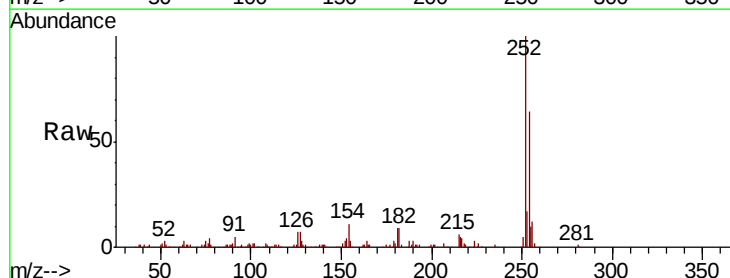
Tgt Ion:252 Resp: 112472

Ion Ratio Lower Upper

252 100

254 63.6 53.0 79.6

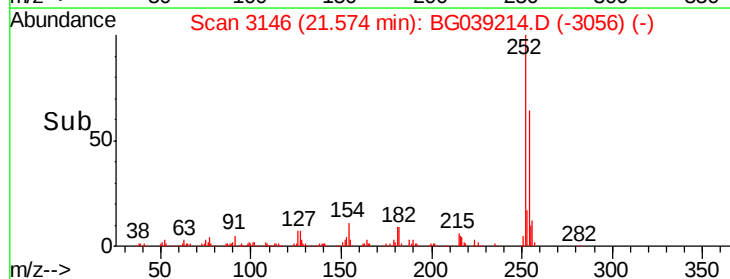
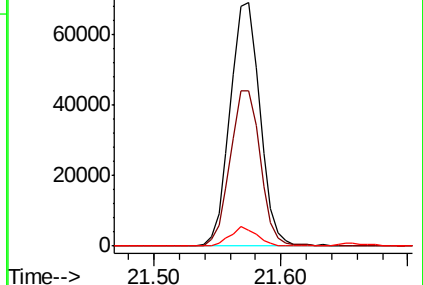
126 6.7 6.0 9.0

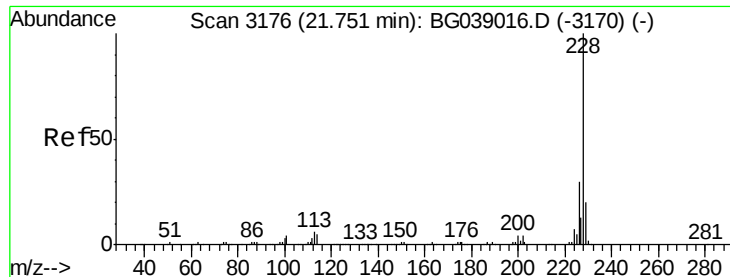


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

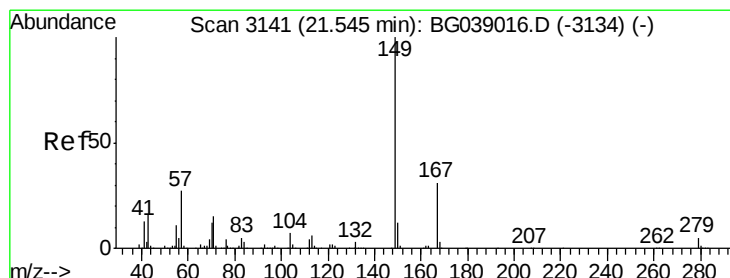
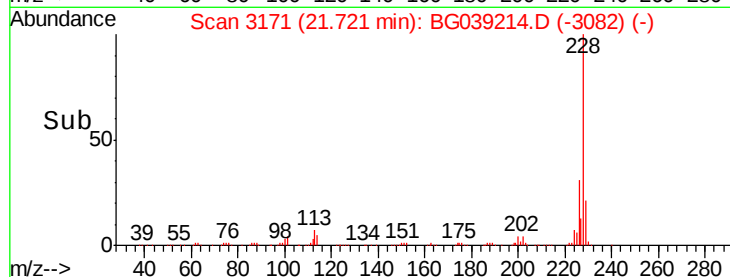
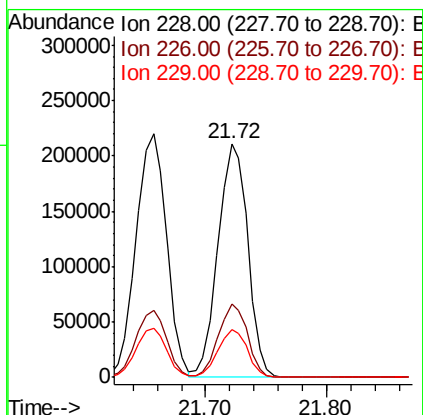
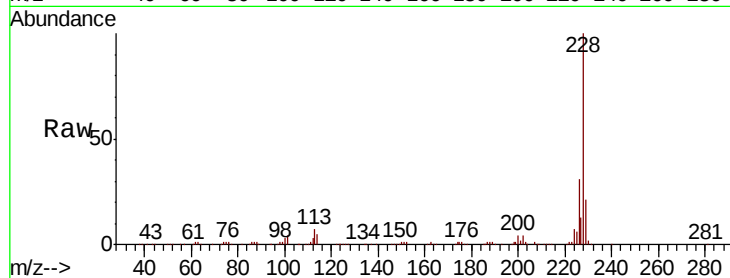




#83
 Chrysene
 Concen: 40.430 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

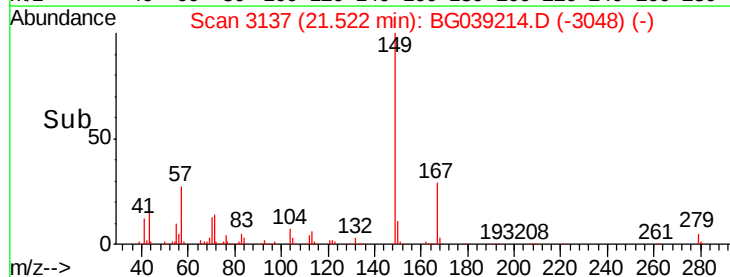
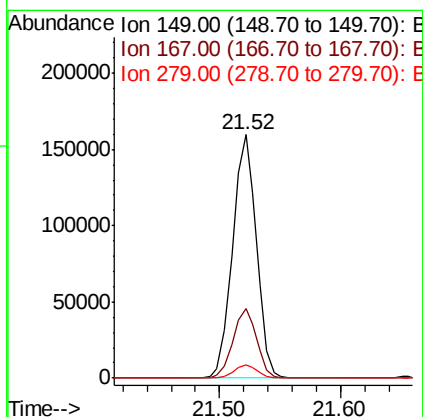
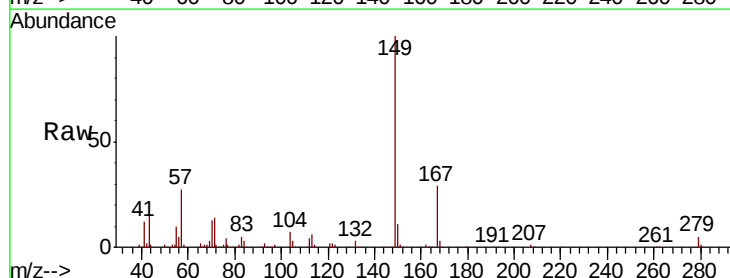
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BS

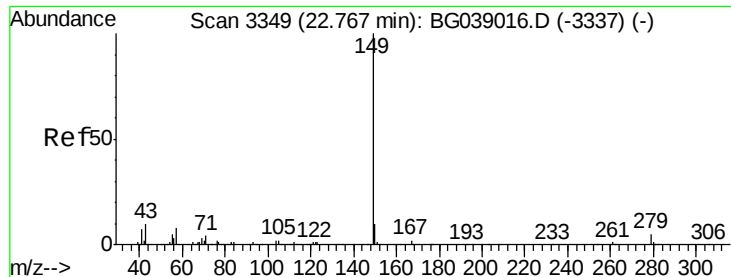
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	20.6	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.298 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG039214.D
 Acq: 18 Jan 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	25.0	37.4
279	5.4	4.3	6.5

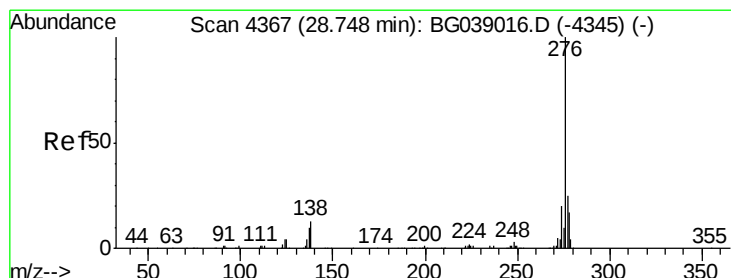
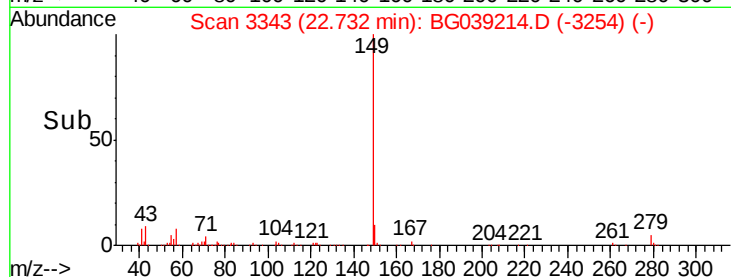
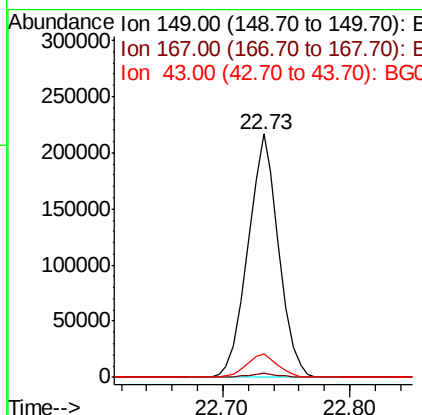
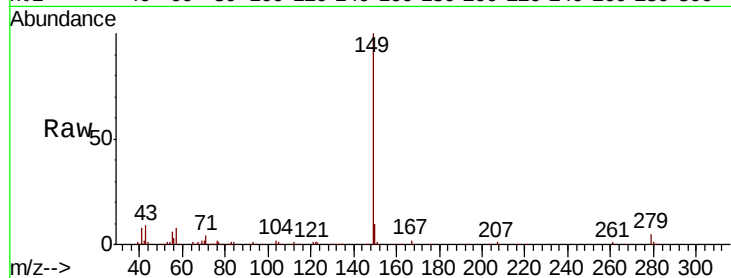




#85
Di-n-octyl phthalate
Concen: 41.393 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

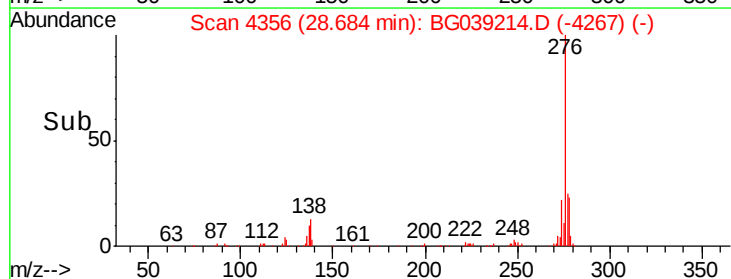
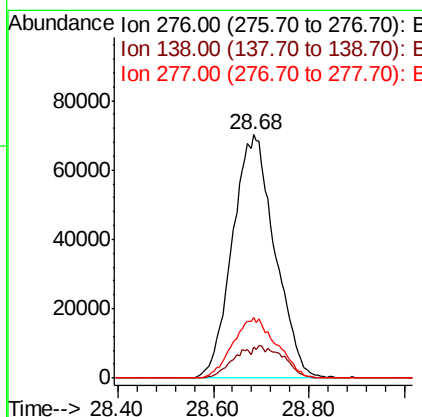
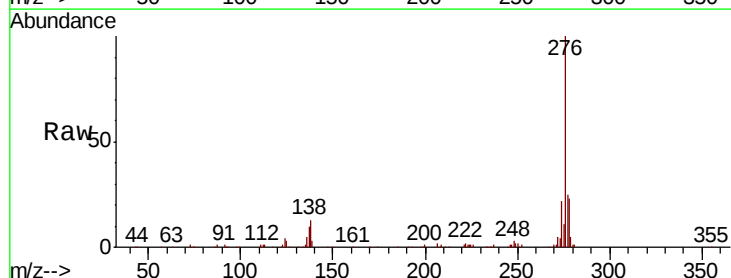
Instrument :
BNA_G
ClientSampleId :
PB116467BS

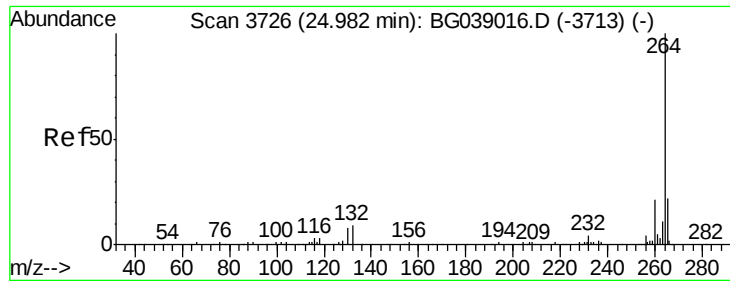
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.7	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.579 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.0	12.0#
277	25.6	20.3	30.5

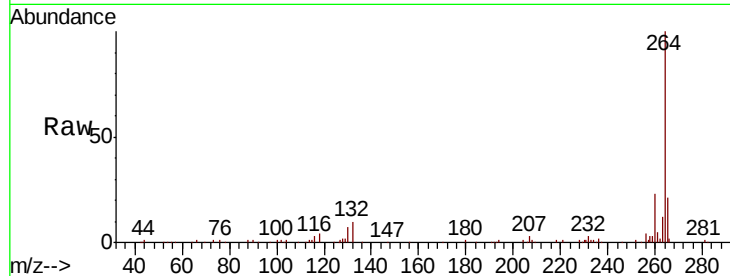




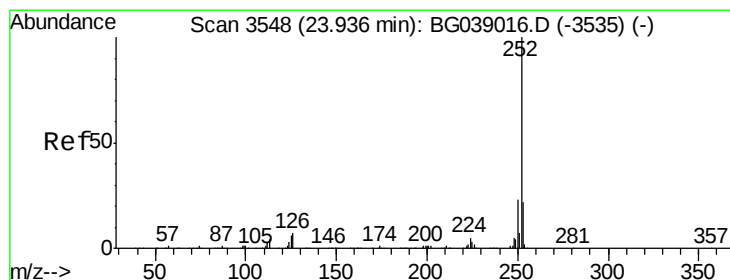
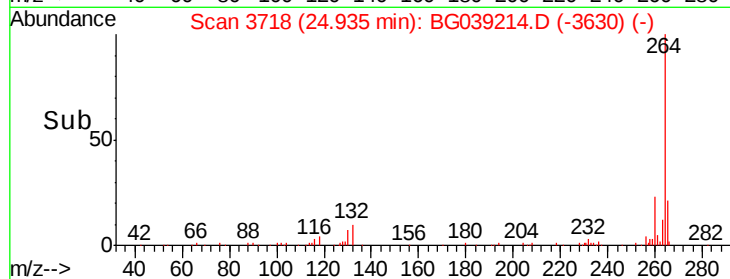
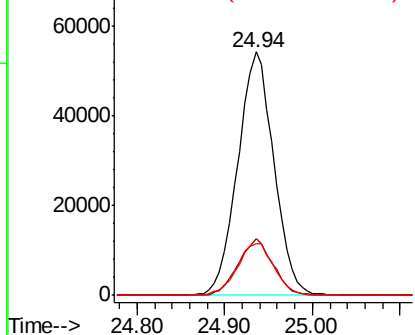
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Instrument :
BNA_G
ClientSampleId :
PB116467BS

Tot Ion:264 Resp: 151674
Ion Ratio Lower Upper
264 100
260 23.2 17.0 25.6
265 21.0 17.2 25.8

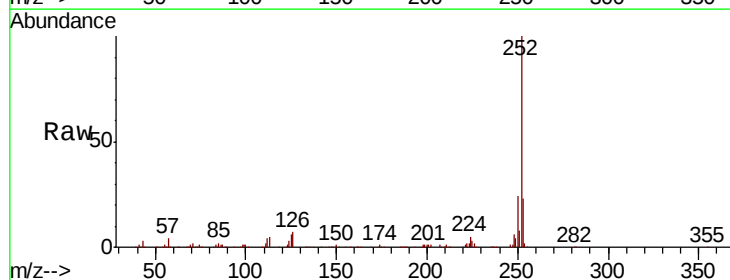


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

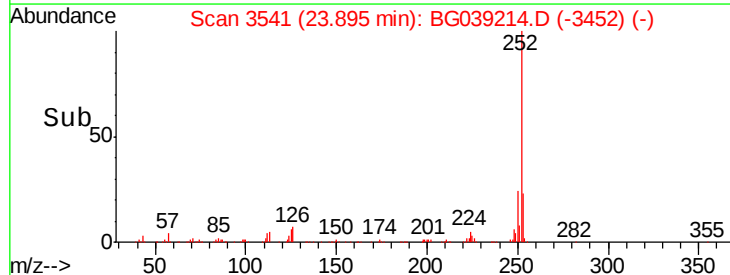
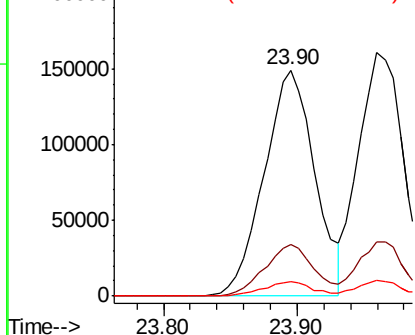


#88
Benzo(b)fluoranthene
Concen: 47.052 ng
RT: 23.90 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG039214.D
Acq: 18 Jan 2019 13:50

Tgt Ion:252 Resp: 393513
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 6.4 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.106 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampleId :

PB116467BS

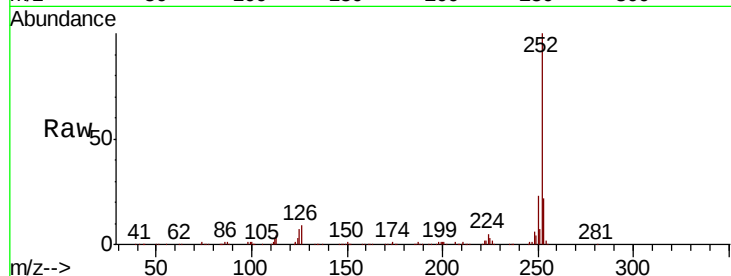
Tot Ion:252 Resp: 372982

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

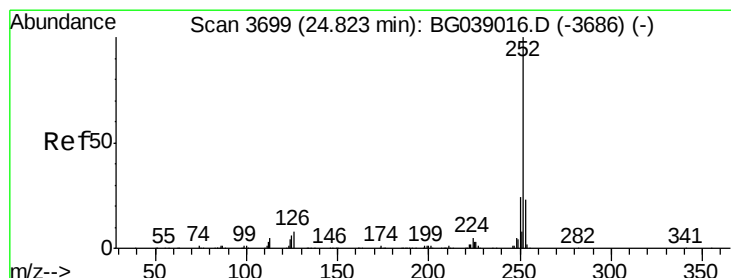
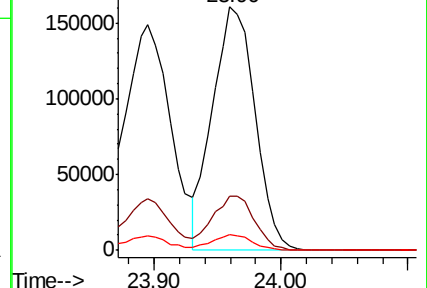
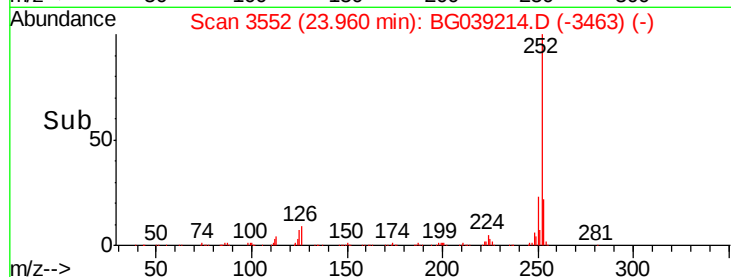
125 6.6 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.182 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

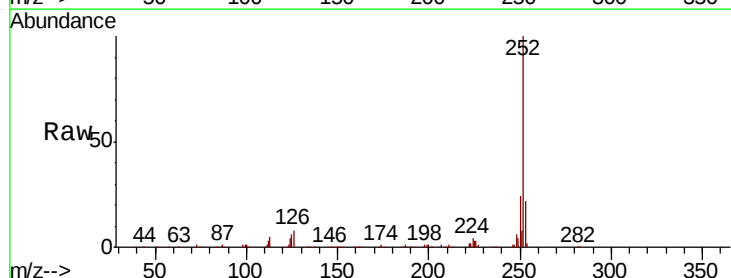
Tgt Ion:252 Resp: 373328

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

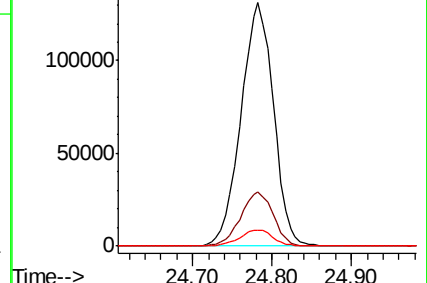
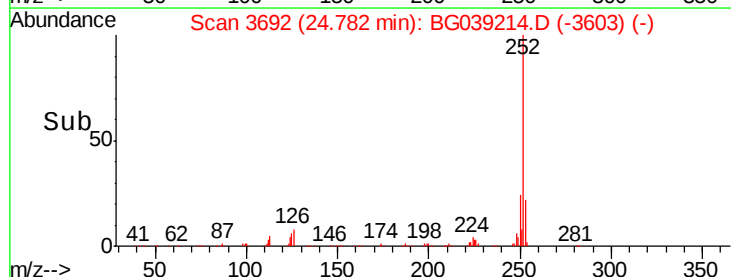
125 6.4 4.9 7.3

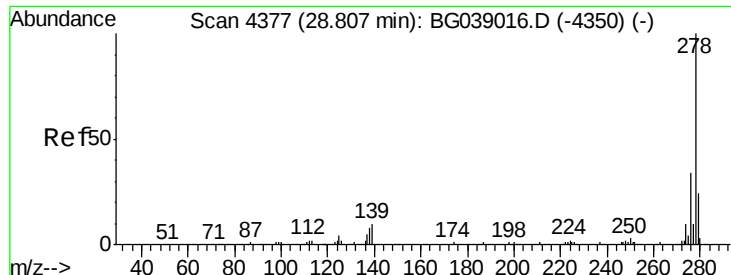


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.904 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

Instrument :

BNA_G

ClientSampled :

PB116467BS

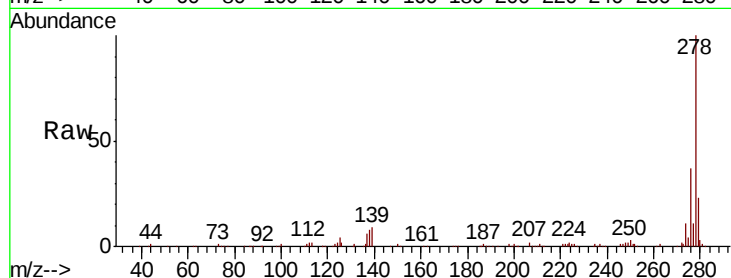
Tot Ion:278 Resp: 361062

Ion Ratio Lower Upper

278 100

139 9.3 7.9 11.9

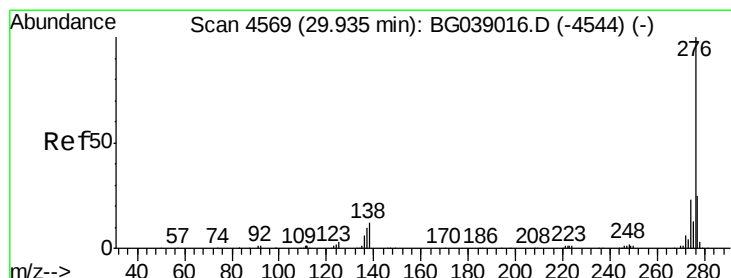
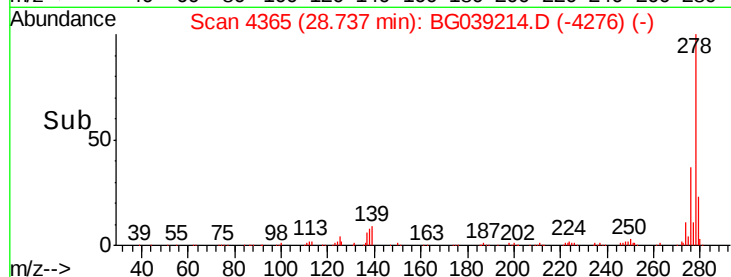
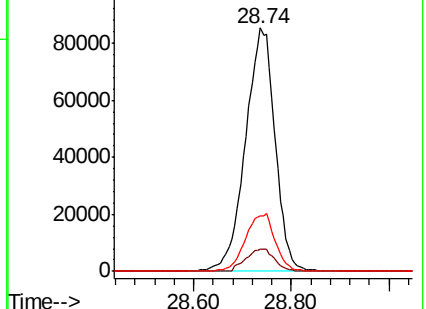
279 23.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.316 ng

RT: 29.86 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG039214.D

Acq: 18 Jan 2019 13:50

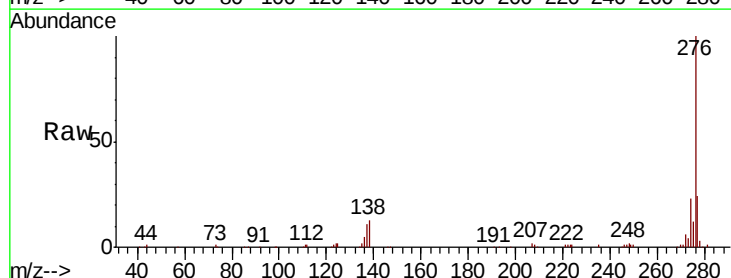
Tgt Ion:276 Resp: 360721

Ion Ratio Lower Upper

276 100

277 24.2 20.3 30.5

138 12.6 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

