

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036511.D
 Acq On : 31 Aug 2018 18:29
 Operator : JU/SJ
 Sample : J4270-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 01:02:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59280	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	234664	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157596	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	414878	20.00	ng	0.00
75) Chrysene-d12	21.70	240	429711	20.00	ng	0.00
86) Perylene-d12	24.91	264	449408	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	415545	111.20	ng	0.00
7) Phenol-d6	7.21	99	547041	102.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	365974	84.62	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	263166	139.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	837107	75.84	ng	0.00
78) Terphenyl-d14	20.03	244	1528144	83.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	61147	35.061	ng	# 93
3) Pyridine	3.94	79	155805	31.827	ng	98
4) n-Nitrosodimethylamine	3.85	42	84896	38.936	ng	84
6) Aniline	7.38	93	97149	14.305	ng	96
8) 2-Chlorophenol	7.63	128	174869	43.150	ng	95
9) Benzaldehyde	7.20	77	78324	21.258	ng	95
10) Phenol	7.24	94	223526	39.921	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	172579	38.878	ng	98
12) 1,3-Dichlorobenzene	7.95	146	182439	39.425	ng	97
13) 1,4-Dichlorobenzene	8.10	146	186845	39.993	ng	97
14) 1,2-Dichlorobenzene	8.41	146	179061	40.132	ng	94
15) Benzyl Alcohol	8.30	79	171068	39.661	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	312240	34.879	ng	99
17) 2-Methylphenol	8.50	107	160517	43.174	ng	95
18) Hexachloroethane	9.15	117	66956	39.972	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	150845	37.723	ng	90
20) 3+4-Methylphenols	8.82	107	221148	42.605	ng	97
22) Acetophenone	8.88	105	276577	44.883	ng	# 97
24) Nitrobenzene	9.27	77	214009	45.887	ng	96
25) Isophorone	9.79	82	416193	48.440	ng	97
26) 2-Nitrophenol	9.98	139	92144	49.858	ng	96
27) 2,4-Dimethylphenol	10.03	122	182194	53.248	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	239753	45.467	ng	96
29) 2,4-Dichlorophenol	10.51	162	193184	51.517	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	196721	44.844	ng	99
31) Naphthalene	10.92	128	563091	48.002	ng	100
32) Benzoic acid	10.16	122	111512	44.336	ng	95
33) 4-Chloroaniline	11.02	127	15006	2.792	ng	# 89
34) Hexachlorobutadiene	11.20	225	131056	44.465	ng	98
35) Caprolactam	11.79	113	45034	30.147	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	214304	49.184	ng	98
37) 2-Methylnaphthalene	12.52	142	433505	50.505	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	250034	44.832	ng	99
40) Hexachlorocyclopentadiene	12.86	237	298609	102.905	ng	96

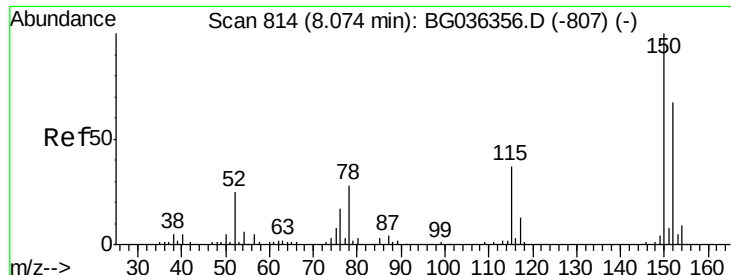
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036511.D
 Acq On : 31 Aug 2018 18:29
 Operator : JU/SJ
 Sample : J4270-06MSD
 Misc :
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Quant Time: Sep 01 01:02:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166592	49.036	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	183306	50.587	ng	97
45) 1,1'-Biphenyl	13.52	154	562778	43.020	ng	99
46) 2-Chloronaphthalene	13.57	162	435217	43.579	ng	99
47) 2-Nitroaniline	13.76	65	151953	48.454	ng	93
48) Acenaphthylene	14.41	152	748787	47.975	ng	99
49) Dimethylphthalate	14.14	163	603563	46.902	ng	100
50) 2,6-Dinitrotoluene	14.25	165	132546	50.055	ng	95
51) Acenaphthene	14.75	154	442910	44.309	ng	99
52) 3-Nitroaniline	14.58	138	31944	11.194	ng	93
53) 2,4-Dinitrophenol	14.79	184	122516	122.149	ng	93
54) Dibenzofuran	15.08	168	703326	44.912	ng	98
55) 4-Nitrophenol	14.89	139	211682	90.727	ng	98
56) 2,4-Dinitrotoluene	15.04	165	187408	54.303	ng	91
57) Fluorene	15.73	166	574128	49.041	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	185672	54.537	ng	95
59) Diethylphthalate	15.50	149	594785	45.863	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	322293	44.583	ng	99
61) 4-Nitroaniline	15.75	138	135789	45.474	ng	95
62) Azobenzene	16.02	77	563318	42.690	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	93387	51.242	ng	94
65) n-Nitrosodiphenylamine	15.94	169	527834	42.818	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	216097	44.488	ng	99
67) Hexachlorobenzene	16.73	284	218820	44.056	ng	97
68) Atrazine	16.88	200	185147	40.014	ng	98
69) Pentachlorophenol	17.07	266	282382	83.653	ng	97
70) Phenanthrene	17.47	178	994290	47.165	ng	98
71) Anthracene	17.56	178	998947	47.537	ng	98
72) Carbazole	17.83	167	922533	43.958	ng	99
73) Di-n-butylphthalate	18.39	149	1033806	44.236	ng	99
74) Fluoranthene	19.48	202	1236466	48.107	ng	99
76) Benzidine	19.66	184	56147	4.095	ng	97
77) Pyrene	19.83	202	1226845	46.428	ng	98
79) Butylbenzylphthalate	20.72	149	488682	46.469	ng	94
80) Benzo(a)anthracene	21.67	228	1245670	47.850	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	150875	14.542	ng	98
82) Chrysene	21.74	228	1151372	46.661	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	674001	45.801	ng	100
84) Di-n-octyl phthalate	22.80	149	1135158	46.182	ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1295947	45.218	ng	99
87) Benzo(b)fluoranthene	23.89	252	1271704	50.959	ng	96
88) Benzo(k)fluoranthene	23.96	252	1170028	47.990	ng	98
89) Benzo(a)pyrene	24.76	252	1197541	49.938	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1035523	44.729	ng	97
91) Benzo(g,h,i)perylene	29.70	276	1022173	43.937	ng	97

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

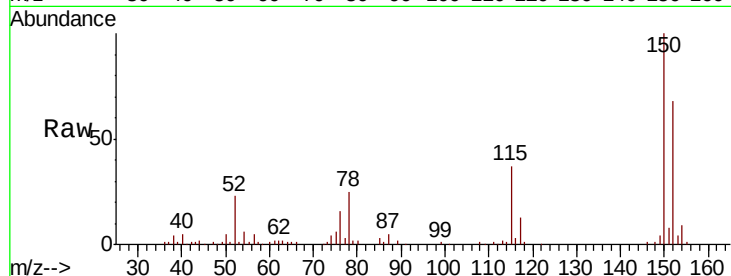


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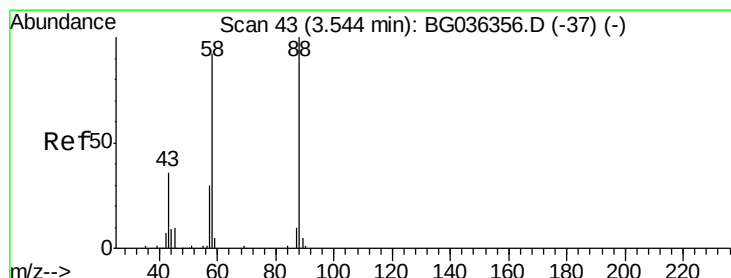
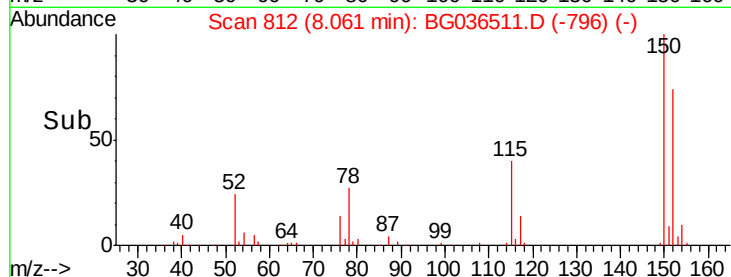
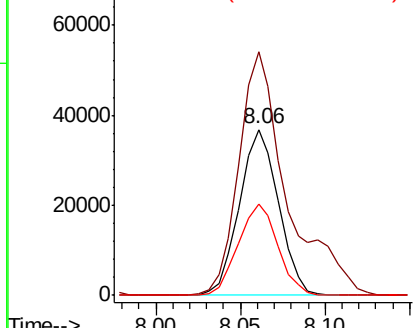
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59280
Ion Ratio Lower Upper
152 100
150 146.6 119.5 179.3
115 54.7 44.5 66.7



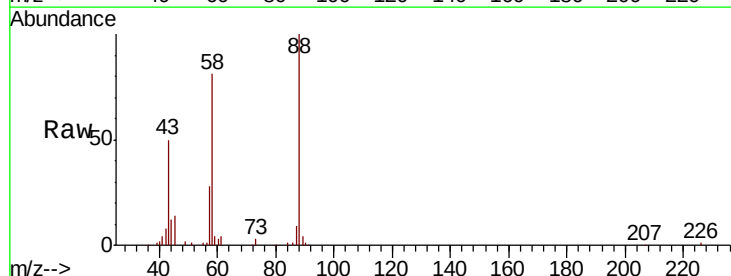
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



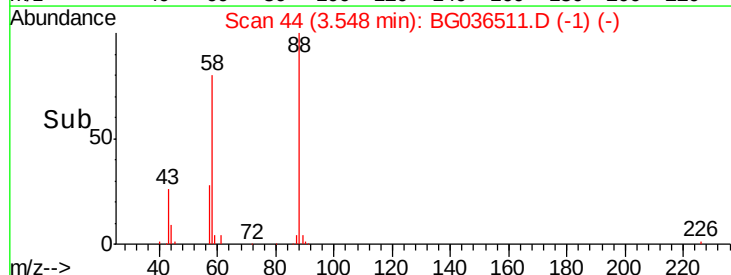
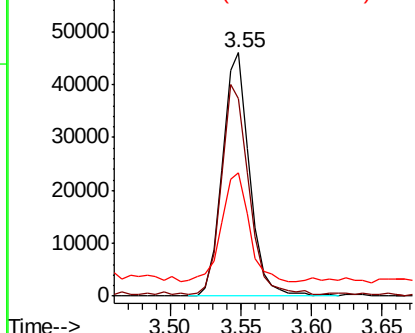
#2

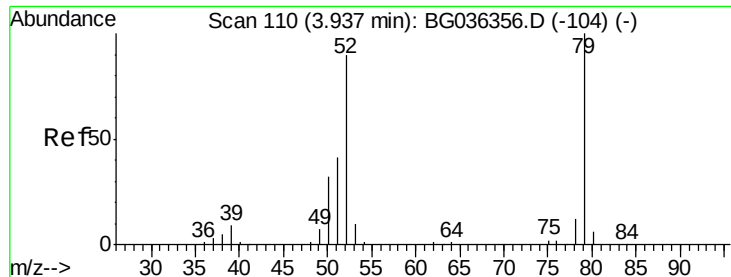
1,4-Dioxane
Concen: 35.061 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 88 Resp: 61147
Ion Ratio Lower Upper
88 100
58 86.8 72.6 109.0
43 45.3 29.0 43.4#



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: 31.827 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

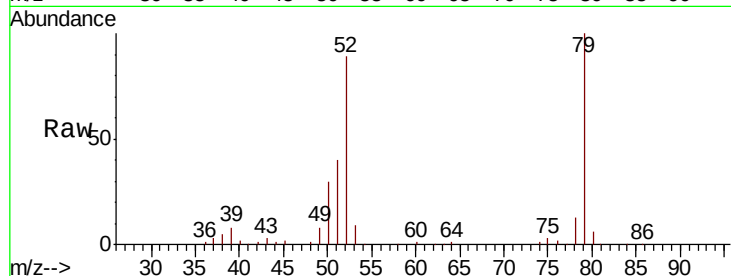
Tot Ion: 79 Resp: 155805

Ion Ratio Lower Upper

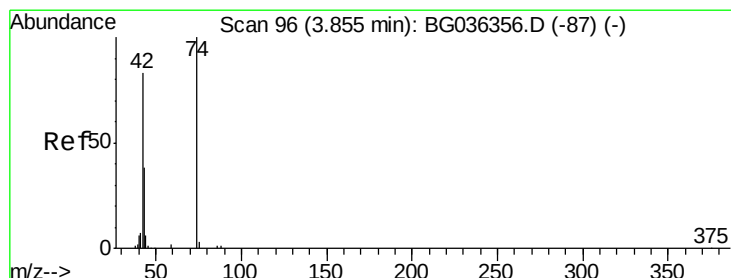
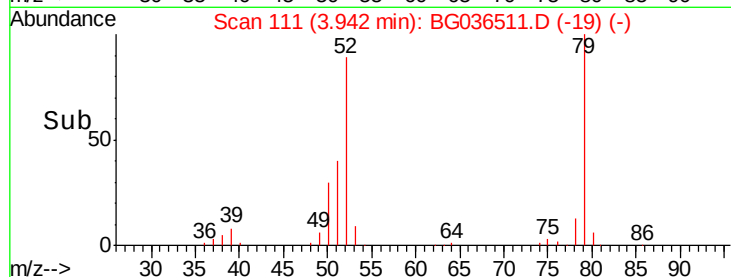
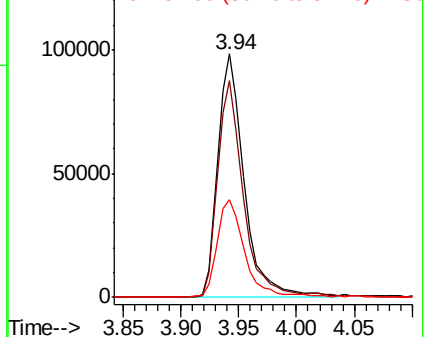
79 100

52 89.3 72.3 108.5

51 40.1 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 38.936 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

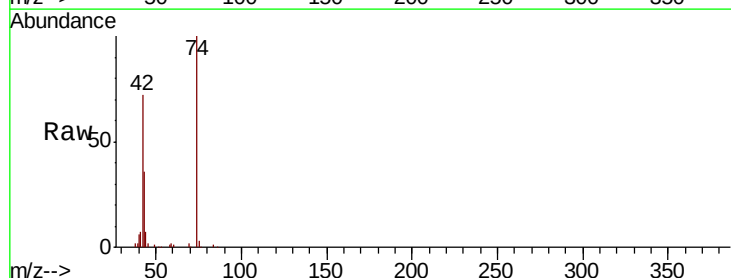
Tgt Ion: 42 Resp: 84896

Ion Ratio Lower Upper

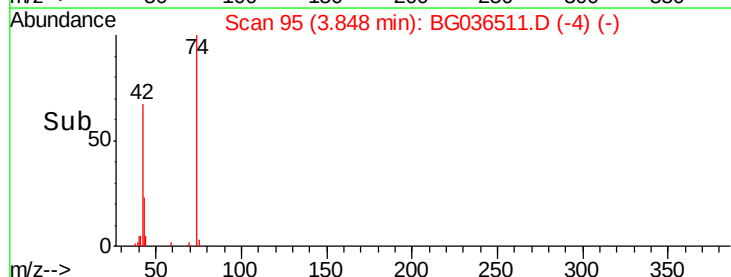
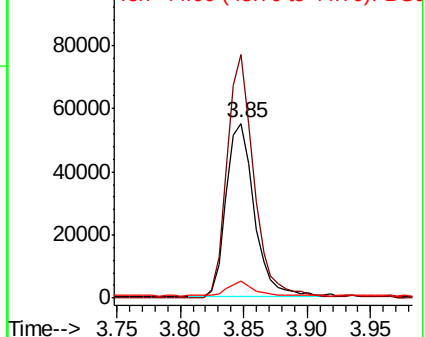
42 100

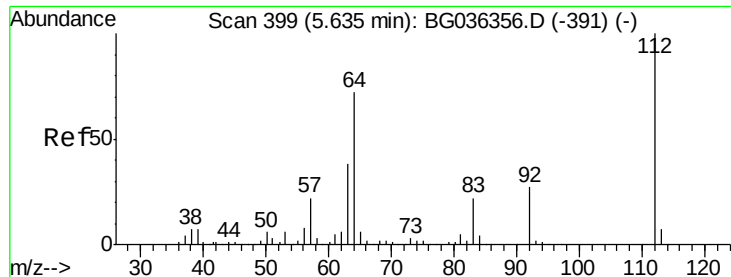
74 139.5 96.6 145.0

44 9.4 7.0 10.4



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





#5

2-Fluorophenol

Concen: 111.197 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

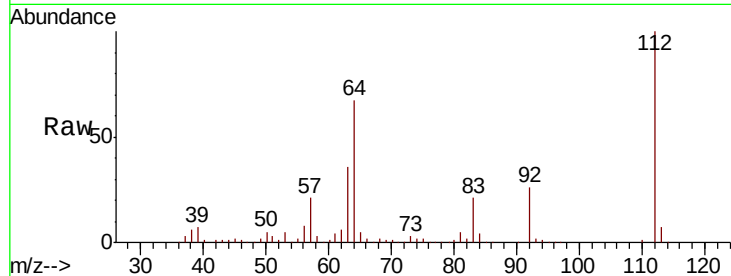
Tot Ion:112 Resp: 415545

Ion Ratio Lower Upper

112 100

64 67.2 57.2 85.8

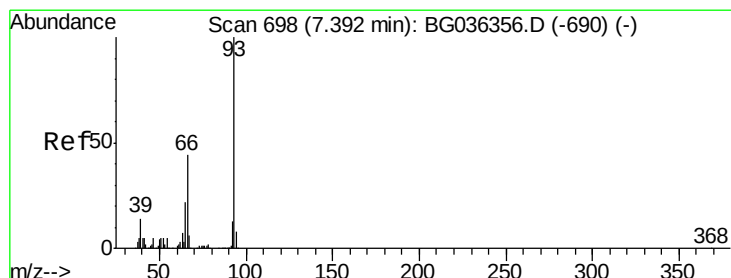
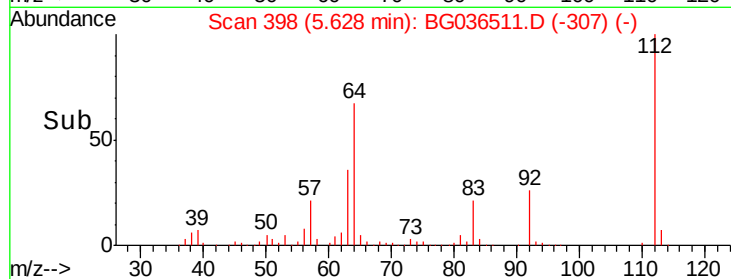
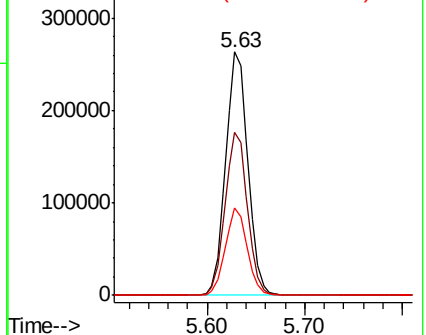
63 35.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.305 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

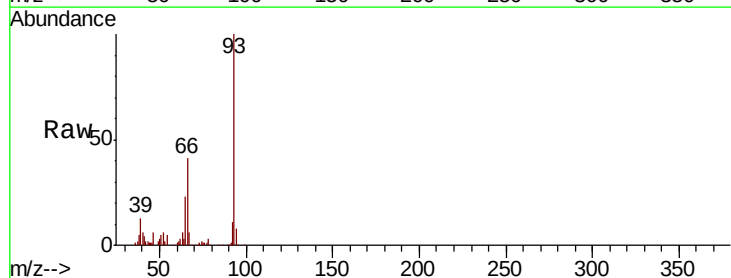
Tgt Ion: 93 Resp: 97149

Ion Ratio Lower Upper

93 100

66 41.0 35.0 52.4

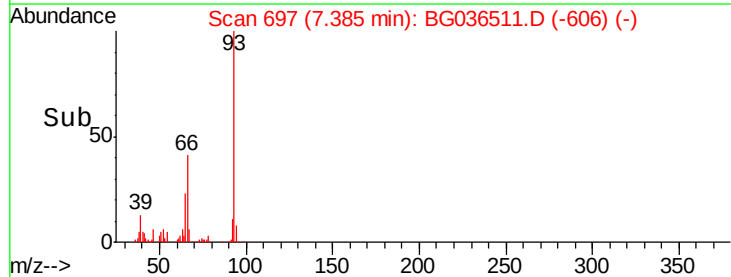
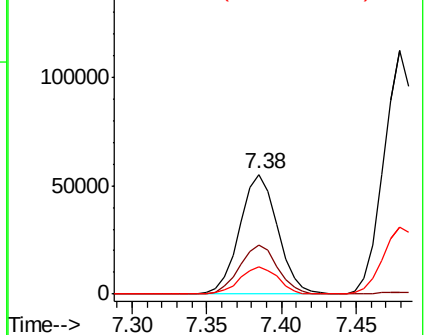
65 23.2 17.6 26.4

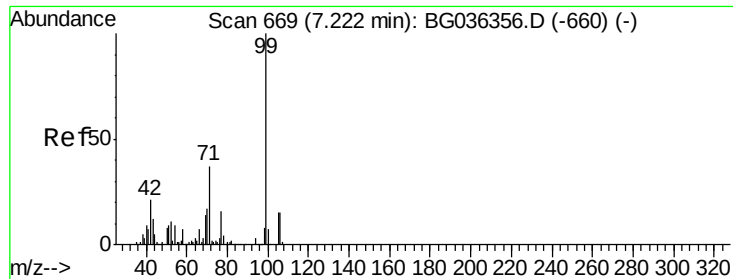


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.242 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

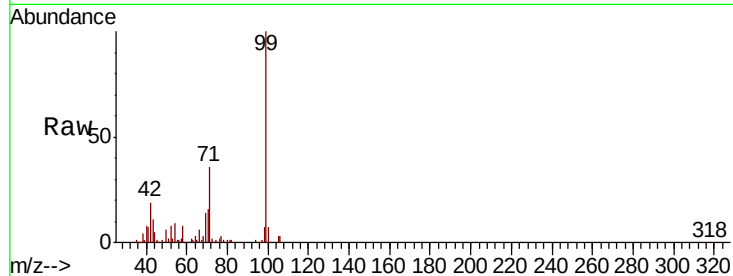
Tot Ion: 99 Resp: 547041

Ion Ratio Lower Upper

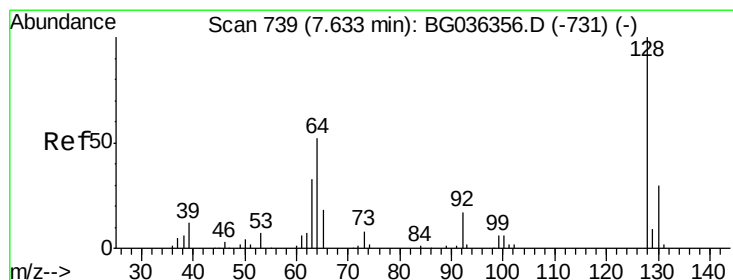
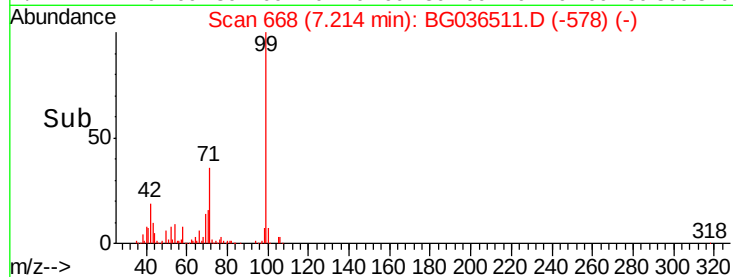
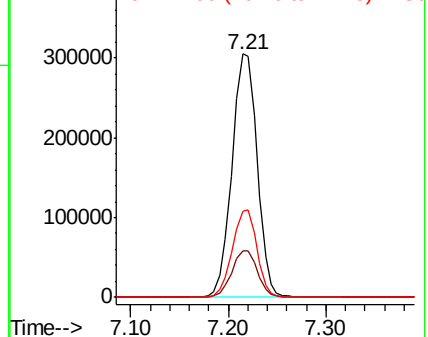
99 100

42 18.9 16.5 24.7

71 35.6 29.4 44.2



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: 43.150 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

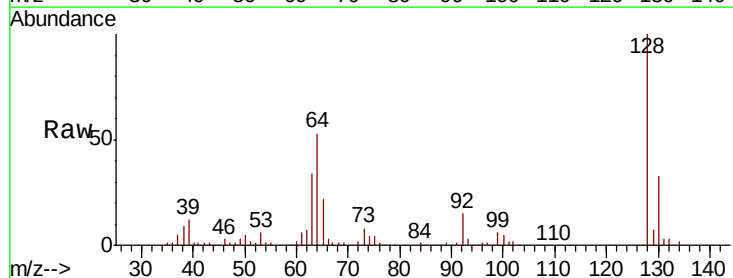
Tgt Ion: 128 Resp: 174869

Ion Ratio Lower Upper

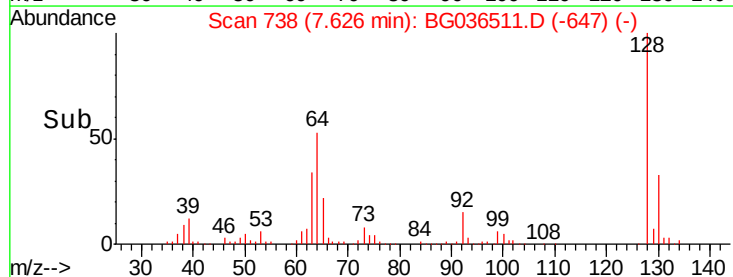
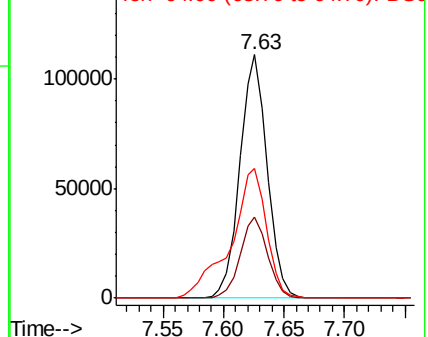
128 100

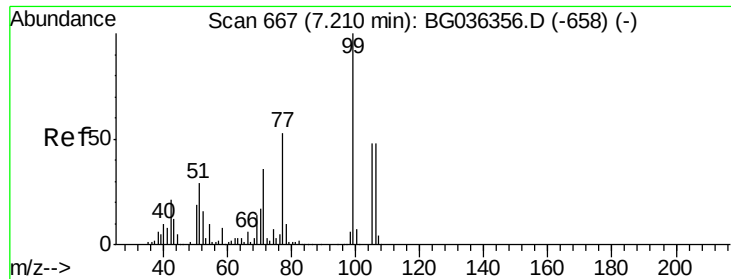
130 33.1 10.0 50.0

64 53.1 36.0 76.0



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: 21.258 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampled :

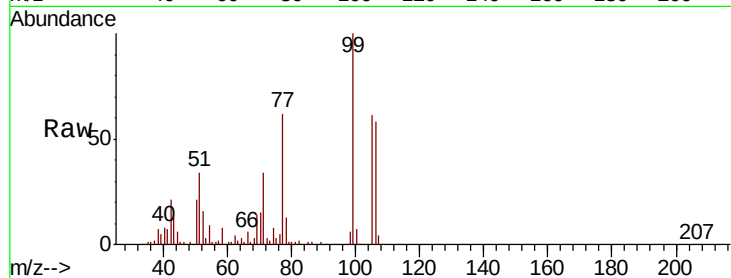
Tot Ion: 77 Resp: 78324

Ion Ratio Lower Upper

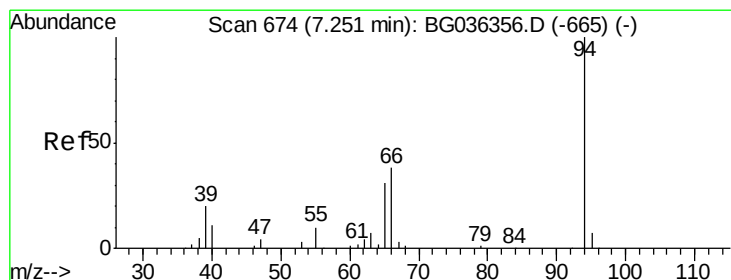
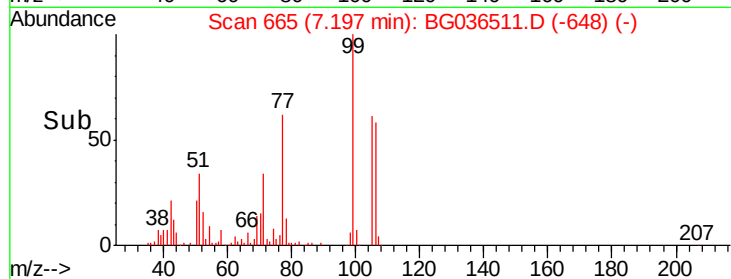
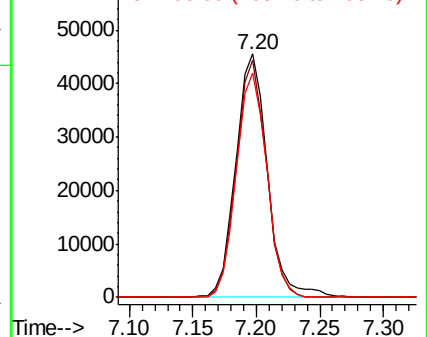
77 100

105 97.6 70.5 110.5

106 92.4 69.8 109.8



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: 39.921 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

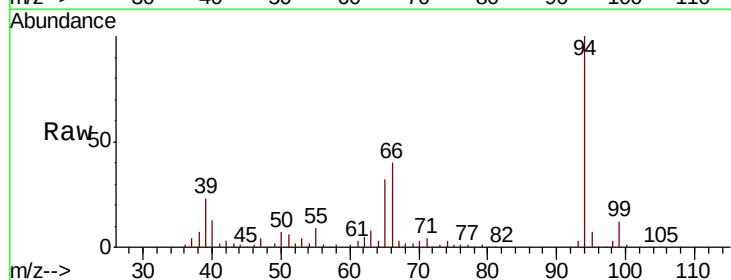
Tgt Ion: 94 Resp: 223526

Ion Ratio Lower Upper

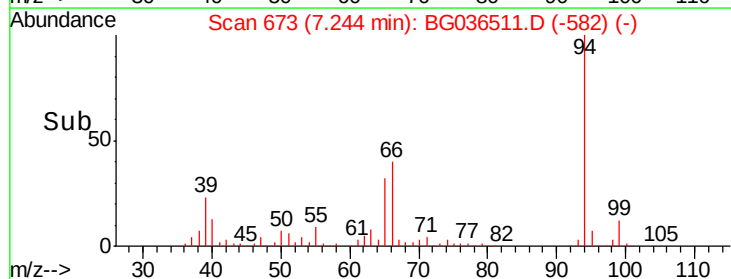
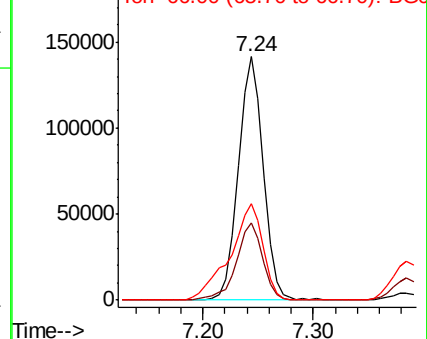
94 100

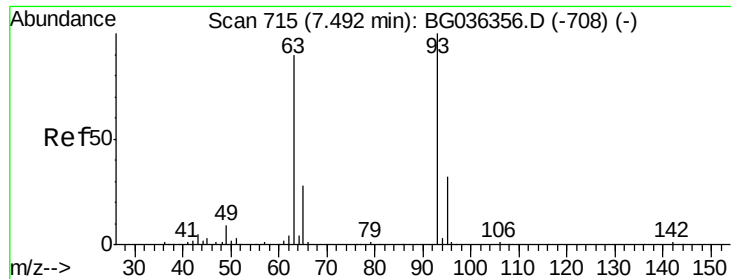
65 31.5 11.5 51.5

66 39.7 19.5 59.5



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

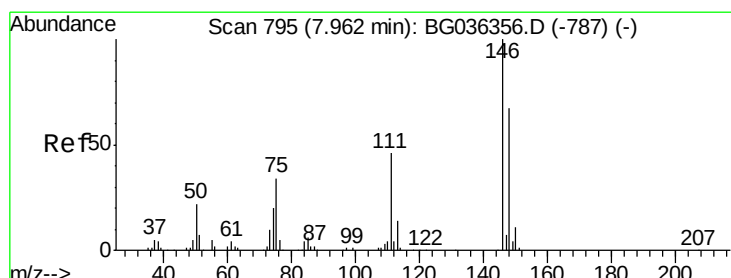
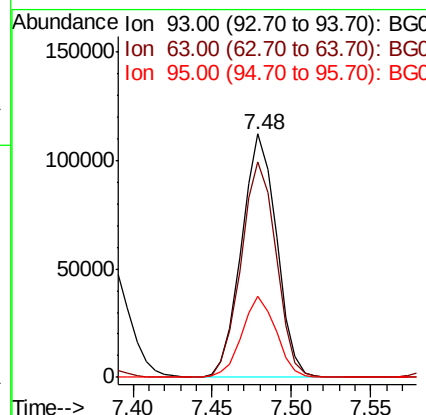
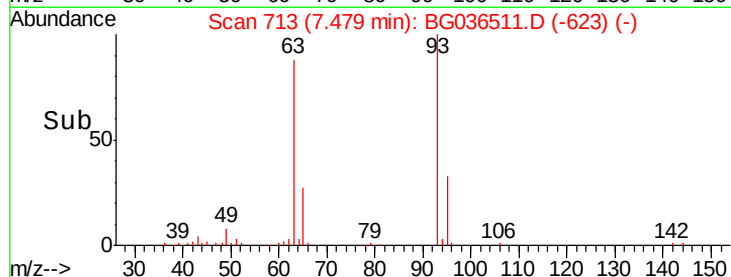
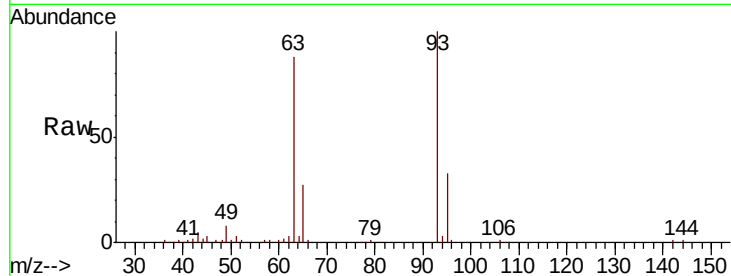




#11
 bis(2-Chloroethyl)ether
 Concen: 38.878 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

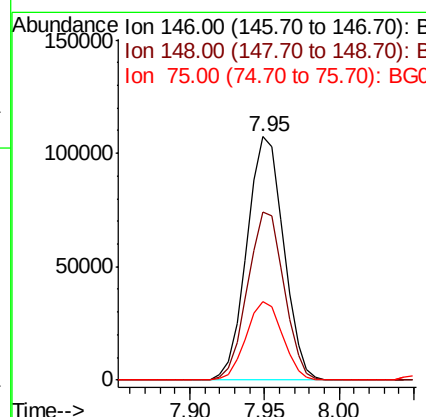
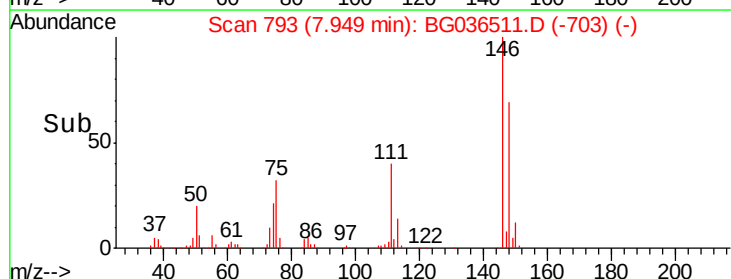
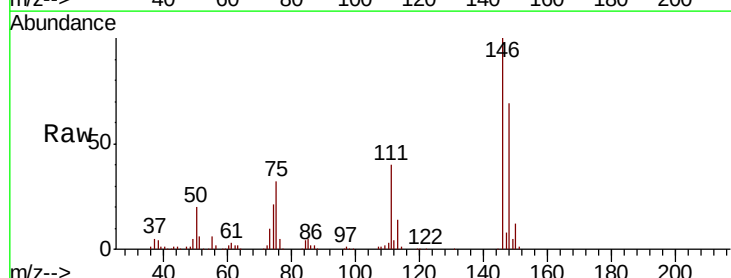
Instrument :
 BNA_G
 ClientSampleId :

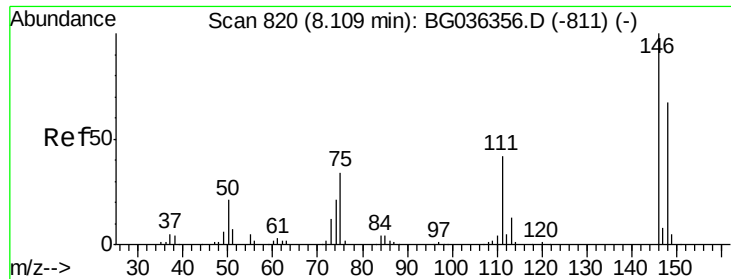
Tot Ion: 93 Resp: 172579
 Ion Ratio Lower Upper
 93 100
 63 88.4 69.9 109.9
 95 33.5 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.425 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion: 146 Resp: 182439
 Ion Ratio Lower Upper
 146 100
 148 69.1 53.8 80.6
 75 32.0 27.2 40.8

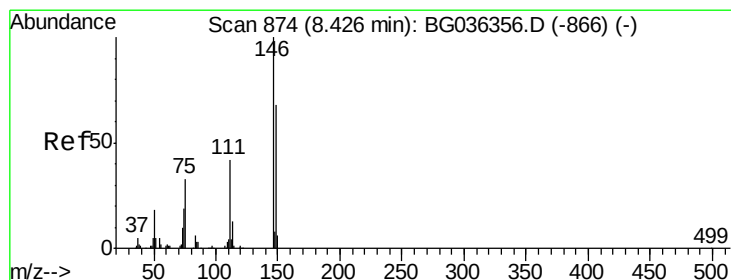
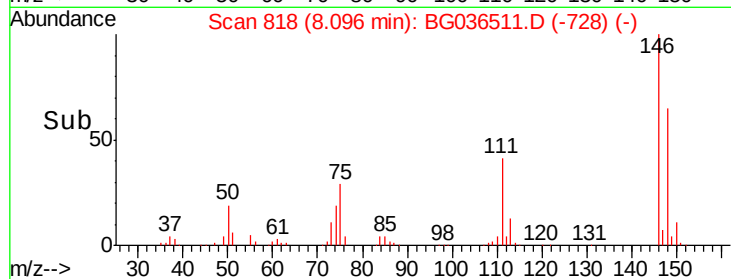
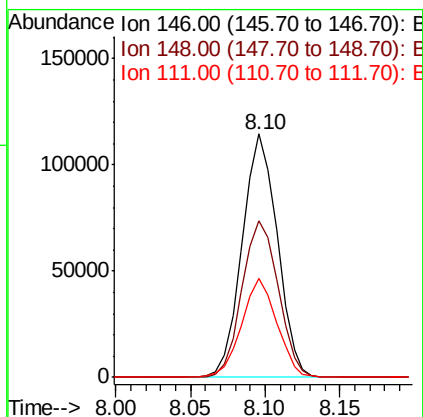
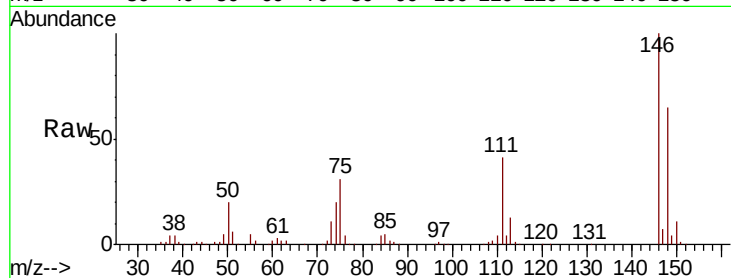




#13
 1,4-Dichlorobenzene
 Concen: 39.993 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

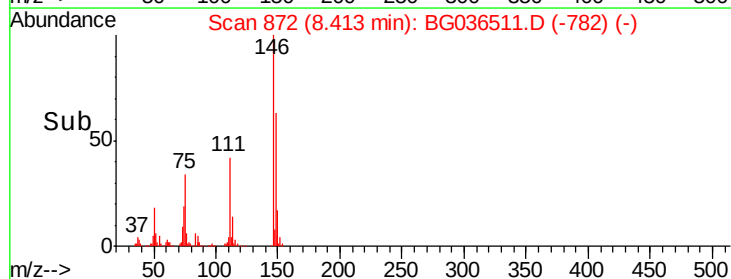
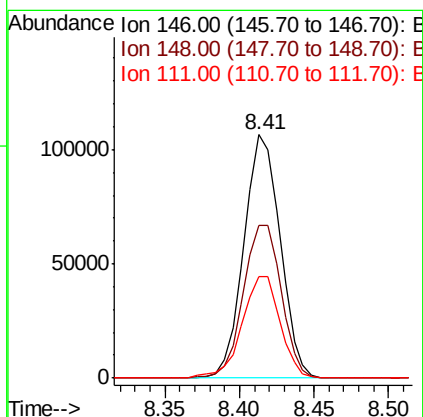
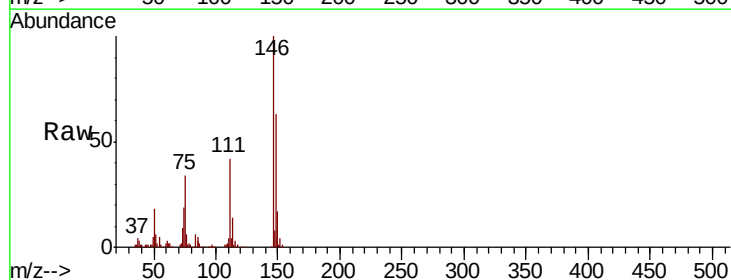
Instrument :
 BNA_G
 ClientSampleId :

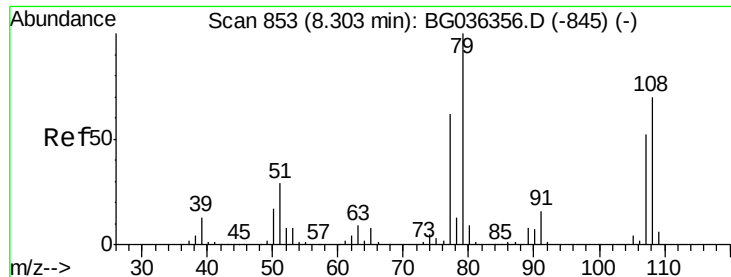
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.9	80.9
111	40.5	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 40.132 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	55.0	82.6
111	41.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 39.661 ng

RT: 8.30 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

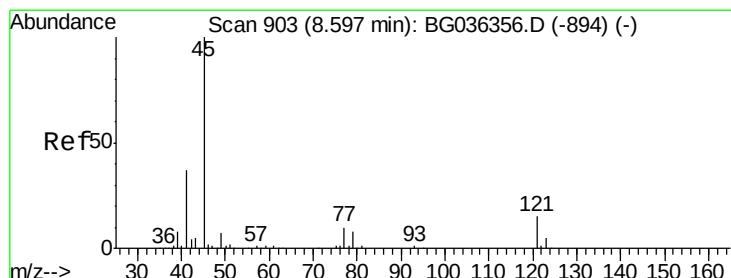
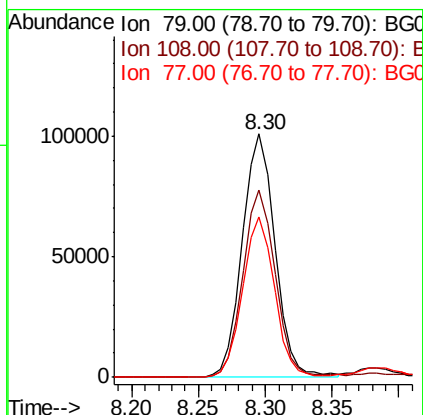
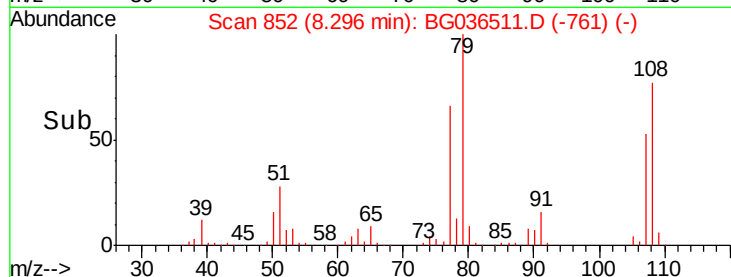
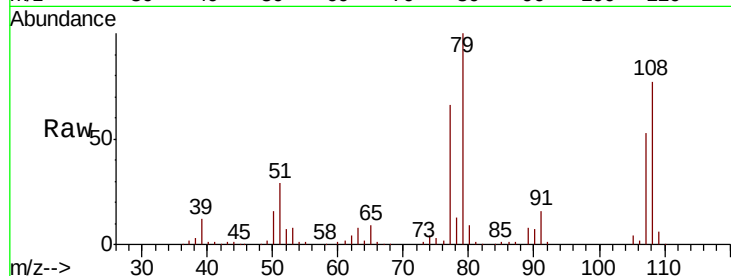
Tot Ion: 79 Resp: 171068

Ion Ratio Lower Upper

79 100

108 77.0 55.9 83.9

77 65.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.879 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

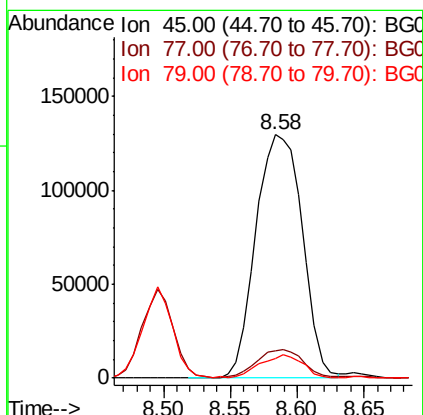
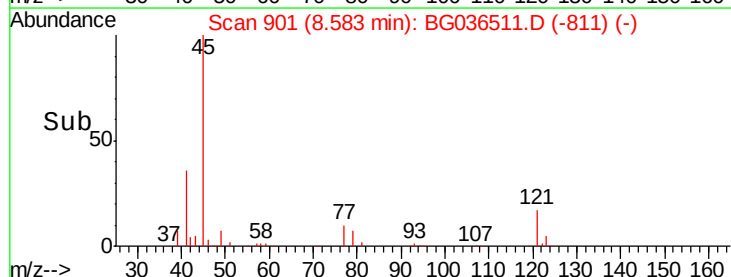
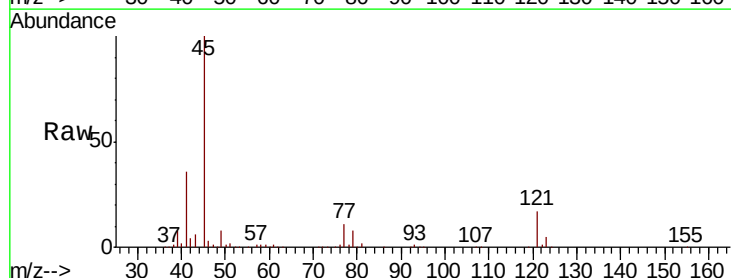
Tgt Ion: 45 Resp: 312240

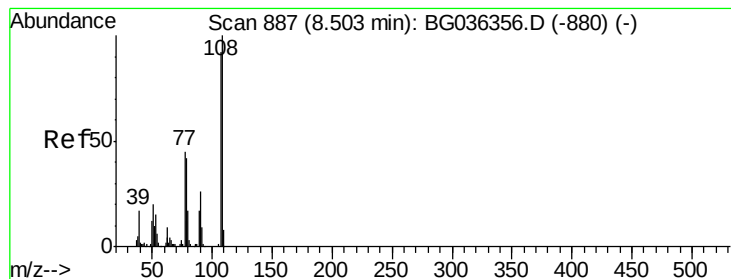
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.5

79 7.9 0.0 27.9





#17

2-Methylphenol

Concen: 43.174 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 160517

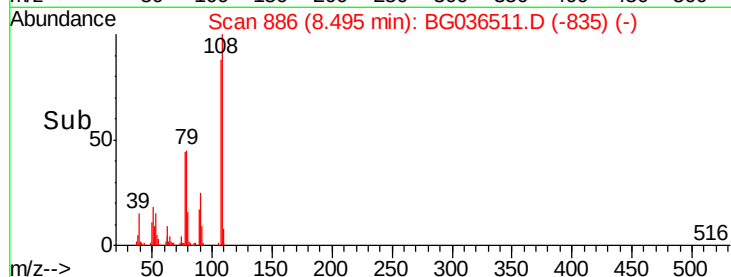
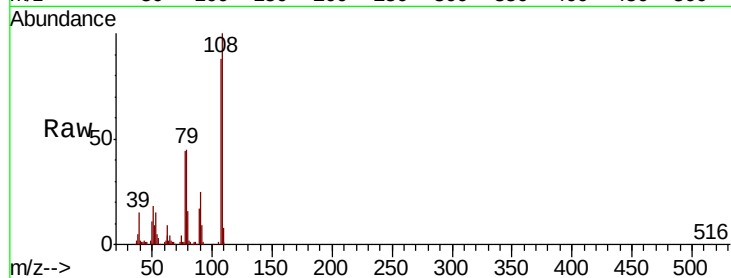
Ion Ratio Lower Upper

107 100

108 113.9 86.7 130.1

77 50.0 39.0 58.4

79 51.4 36.6 54.8



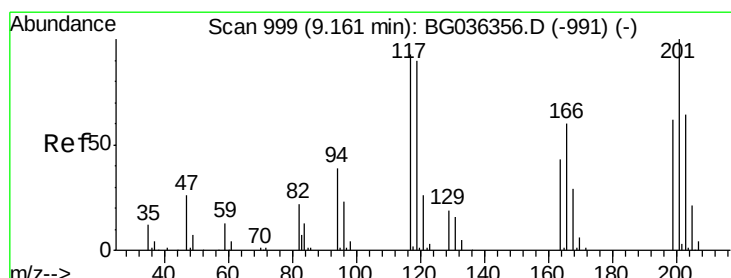
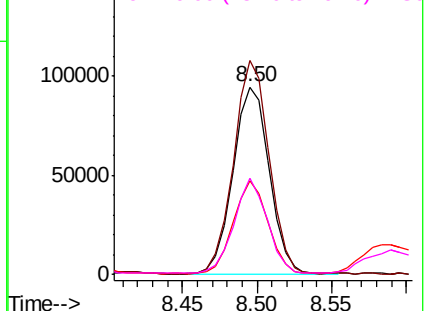
Abundance

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: 39.972 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

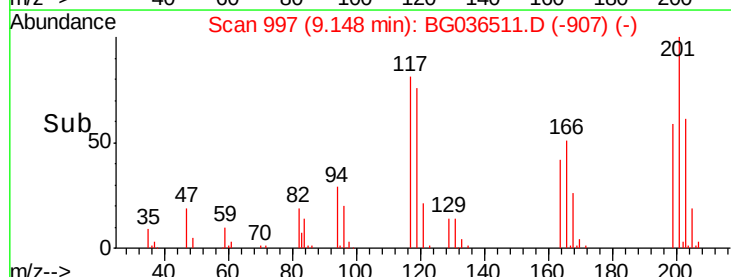
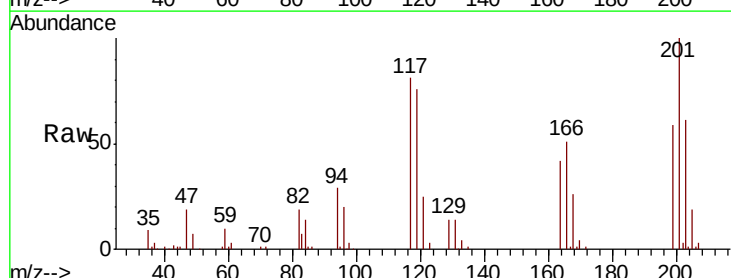
Tgt Ion:117 Resp: 66956

Ion Ratio Lower Upper

117 100

119 94.0 76.8 115.2

201 123.3 85.7 128.5

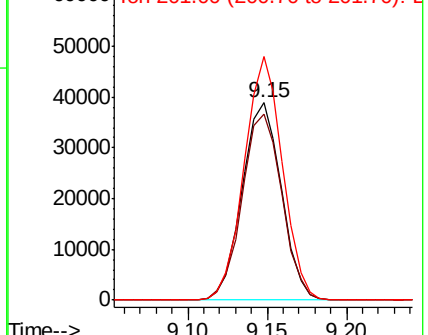


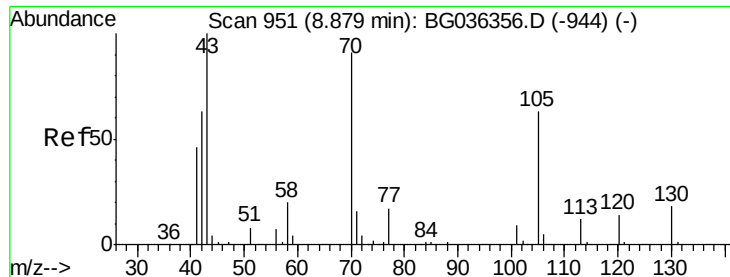
Abundance

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

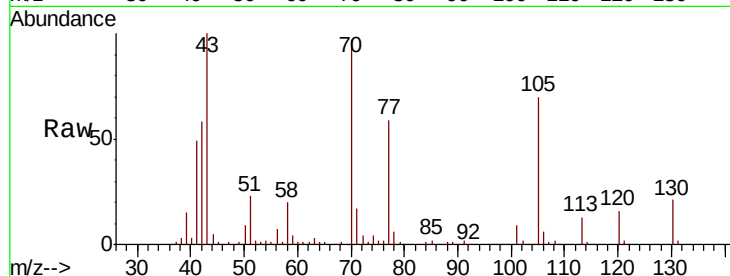




#19
n-Nitroso-di-n-propylamine
Concen: 37.723 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	150845
Ion	Ratio	Lower	Upper
70	100		
42	59.2	56.2	84.4
101	9.3	7.8	11.6
130	21.8	16.2	24.2



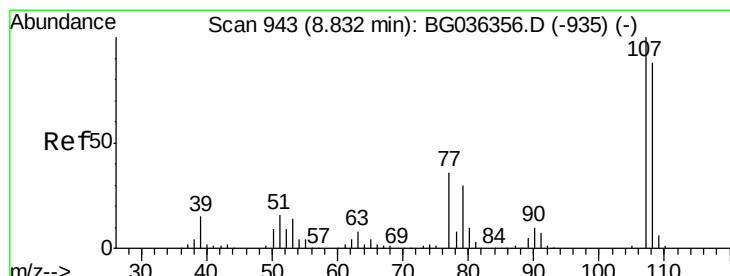
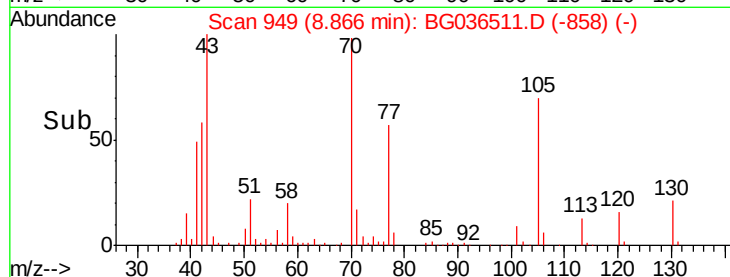
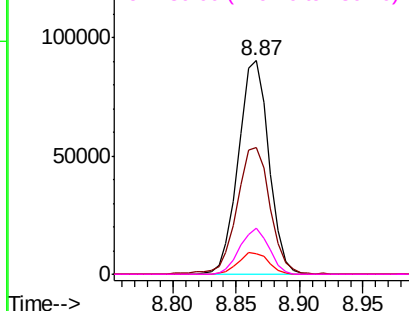
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

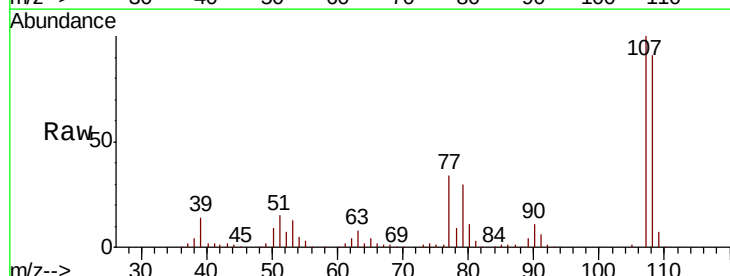
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.605 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:	107	Resp:	221148
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.0	108.0
77	34.2	15.6	55.6
79	30.3	9.9	49.9



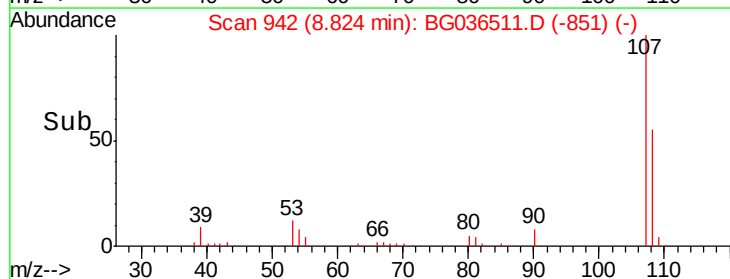
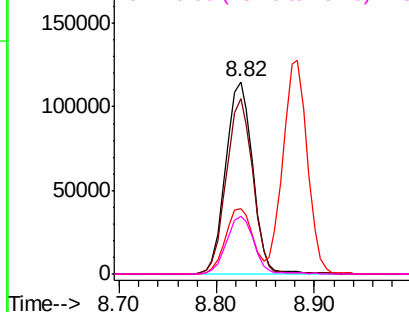
Abundance

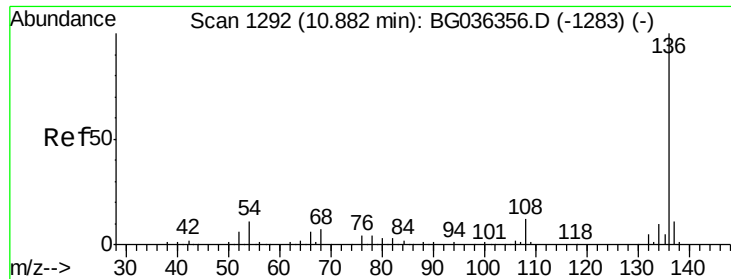
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

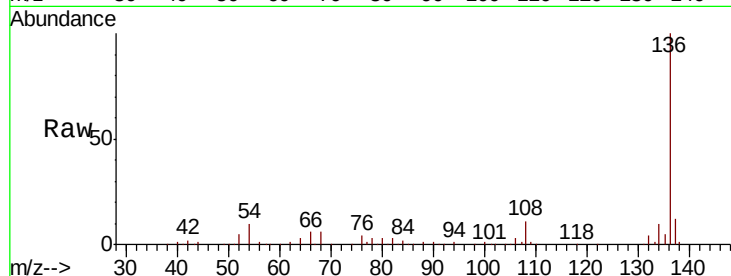




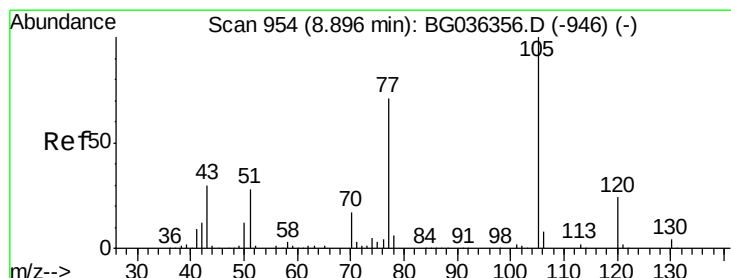
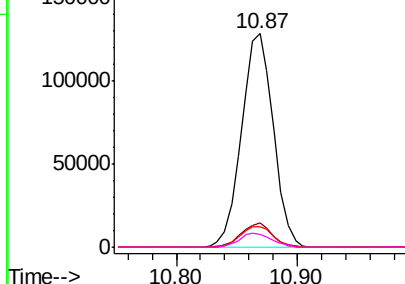
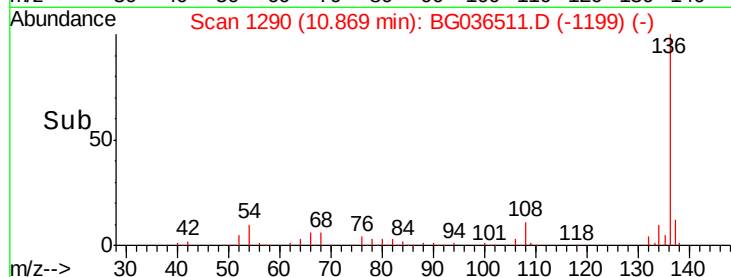
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	234664
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	9.9	9.2 13.8
68	5.9	5.8 8.6

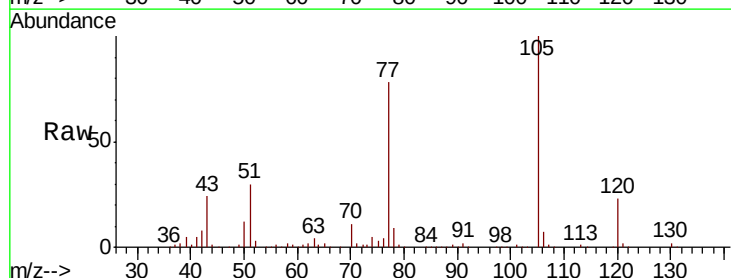


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

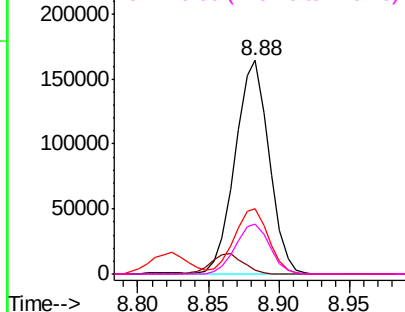
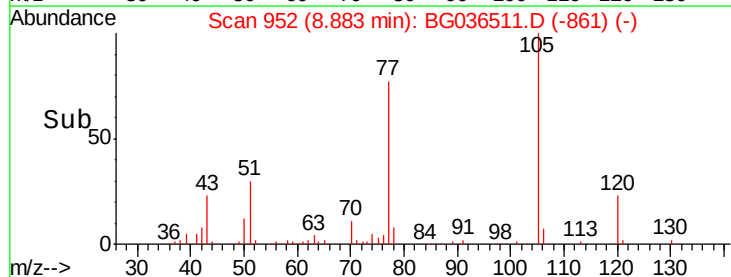


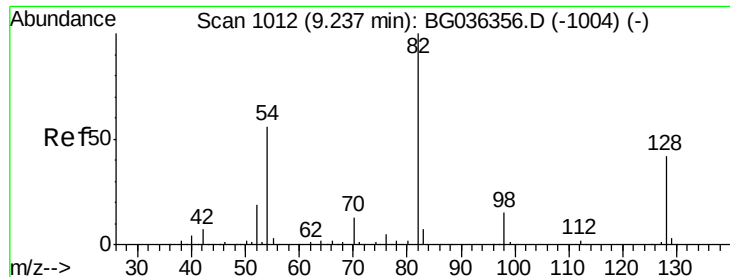
#22
Acetophenone
Concen: 44.883 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:105	Resp:	276577
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.4 3.6#
51	30.4	25.9 38.9
120	23.4	19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

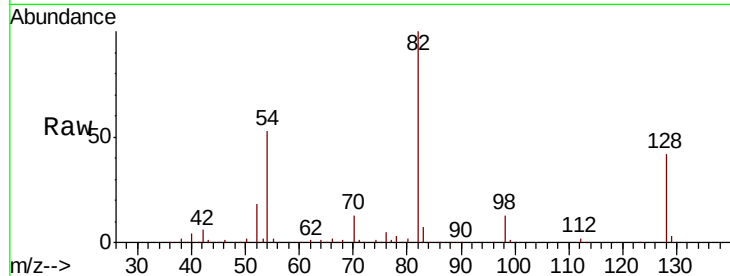




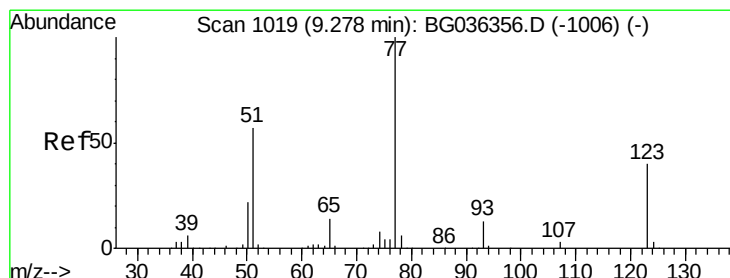
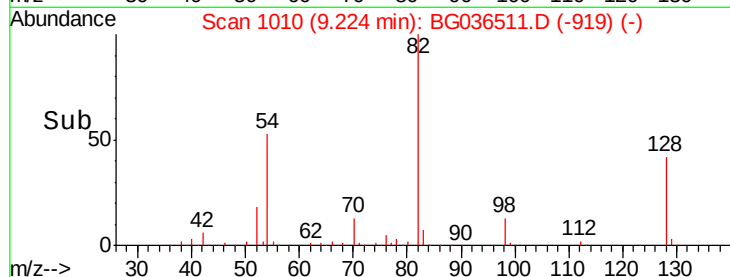
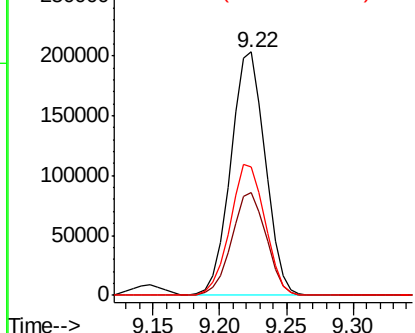
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 365974
Ion Ratio Lower Upper
82 100
128 42.1 33.3 49.9
54 52.5 45.1 67.7

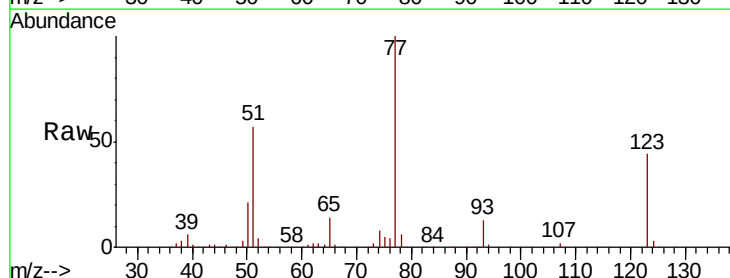


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

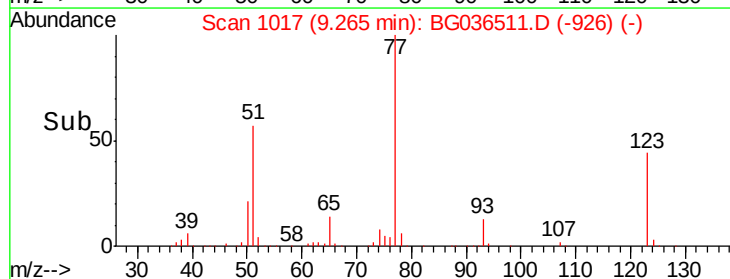
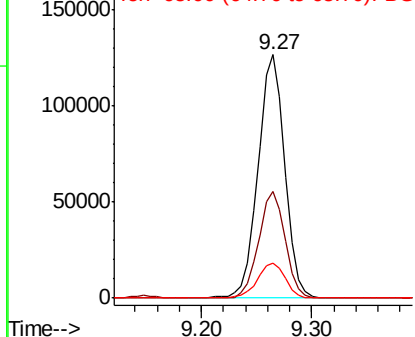


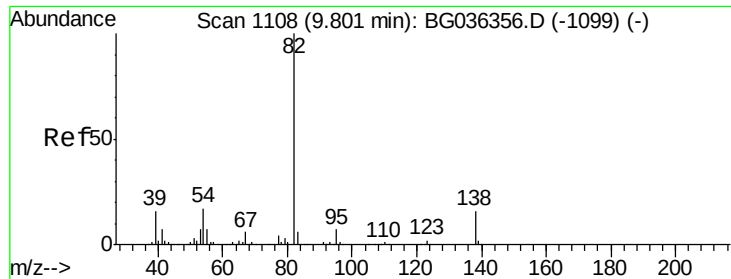
#24
Nitrobenzene
Concen: 45.887 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 77 Resp: 214009
Ion Ratio Lower Upper
77 100
123 43.6 32.4 48.6
65 14.1 11.5 17.3



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: 48.440 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

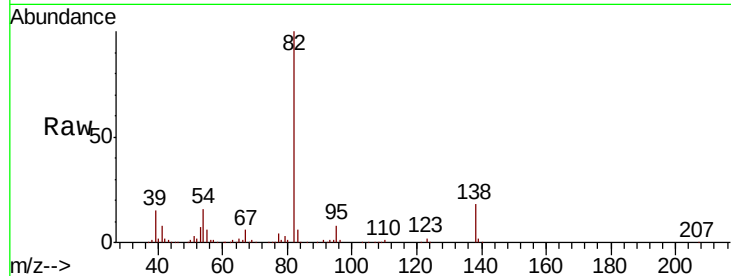
Tot Ion: 82 Resp: 416193

Ion Ratio Lower Upper

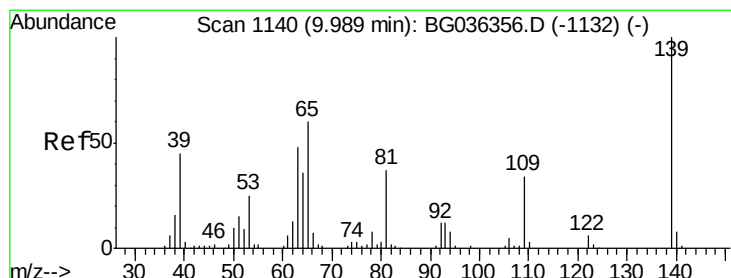
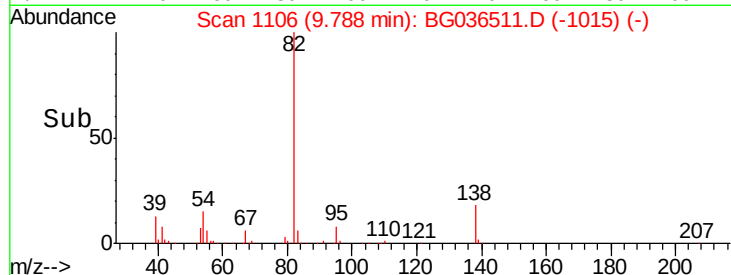
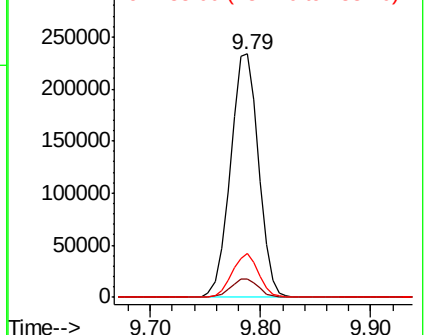
82 100

95 7.5 5.8 8.8

138 18.0 12.9 19.3



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



#26

2-Nitrophenol

Concen: 49.858 ng

RT: 9.98 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

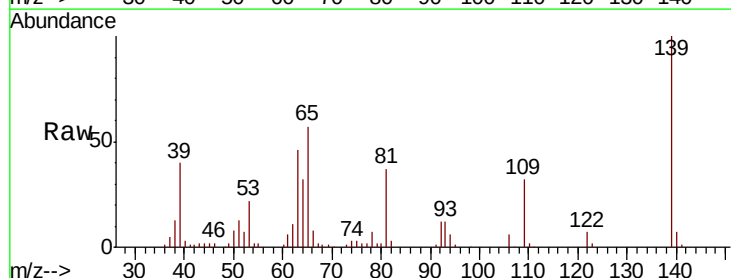
Tgt Ion: 139 Resp: 92144

Ion Ratio Lower Upper

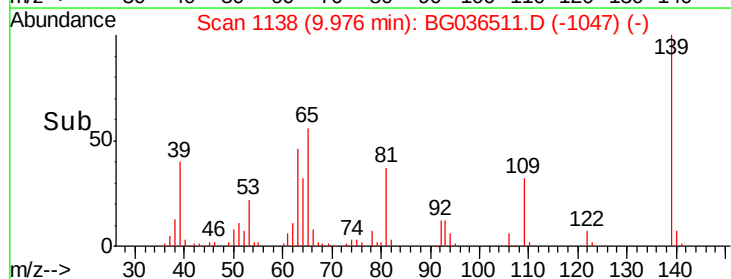
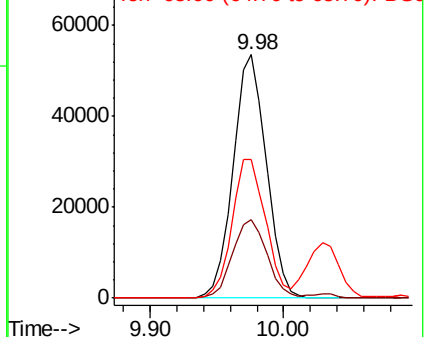
139 100

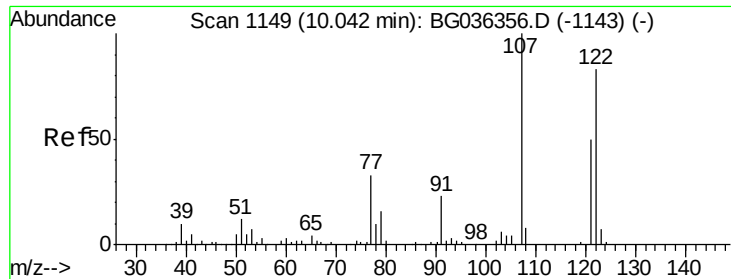
109 32.4 27.4 41.0

65 56.7 47.8 71.6



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

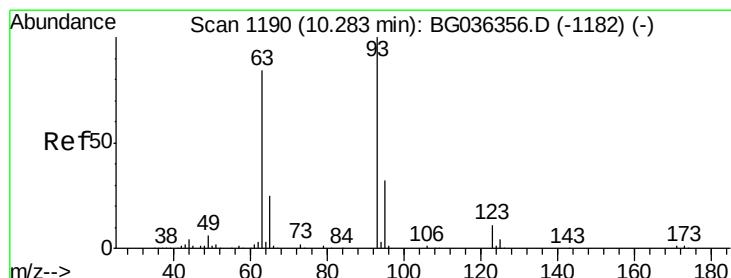
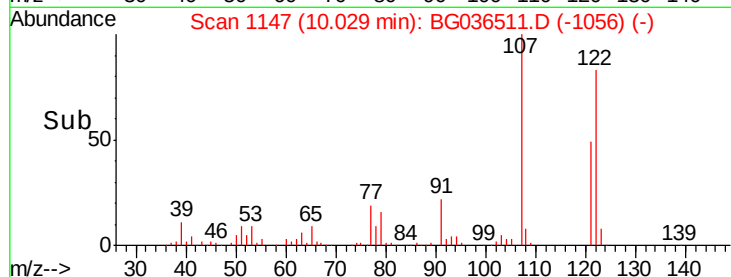
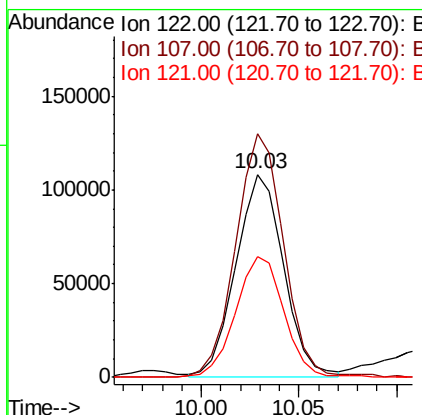
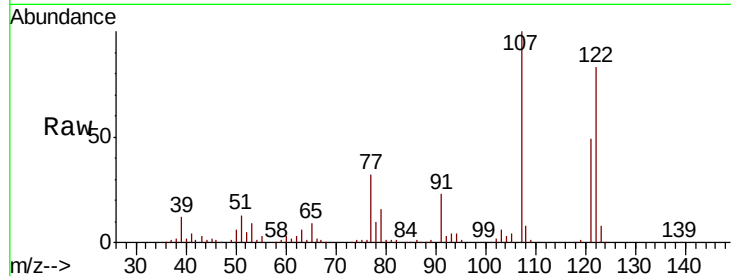




#27
 2,4-Dimethylphenol
 Concen: 53.248 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

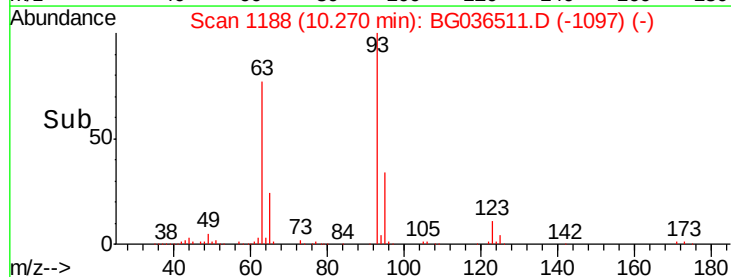
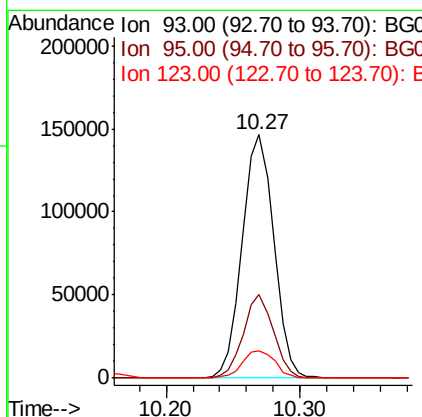
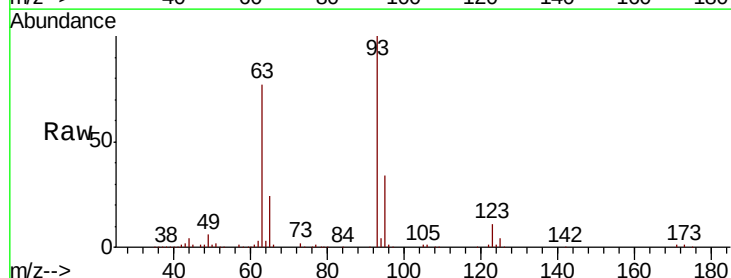
Instrument :
 BNA_G
 ClientSampleId :

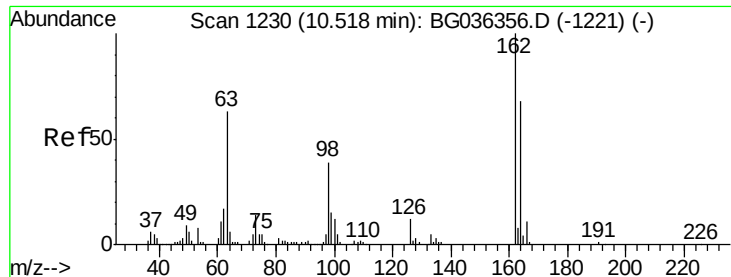
Tot Ion:122 Resp: 182194
 Ion Ratio Lower Upper
 122 100
 107 119.9 96.0 144.0
 121 59.2 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.467 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion: 93 Resp: 239753
 Ion Ratio Lower Upper
 93 100
 95 34.1 25.2 37.8
 123 11.5 8.6 12.8

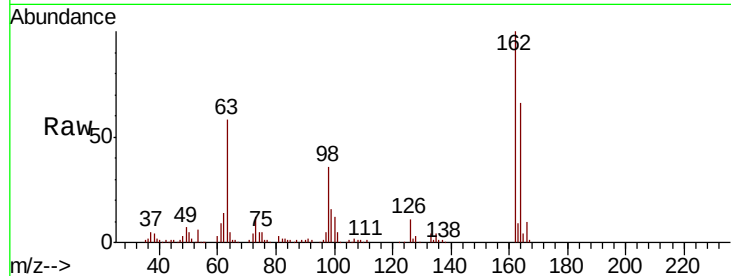




#29
2,4-Dichlorophenol
Concen: 51.517 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	47.6	87.6
98	35.8	19.2	59.2

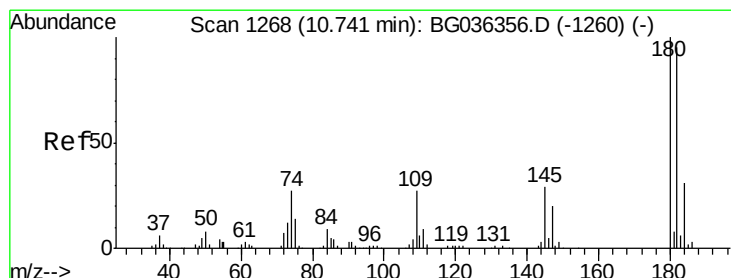
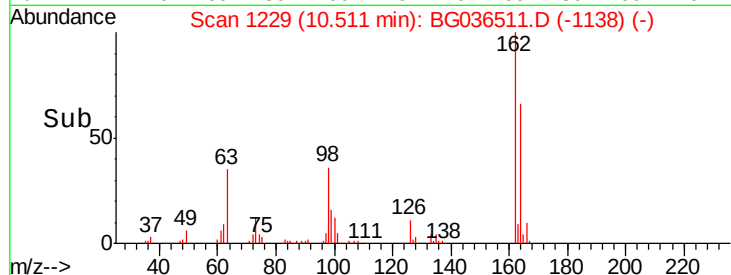
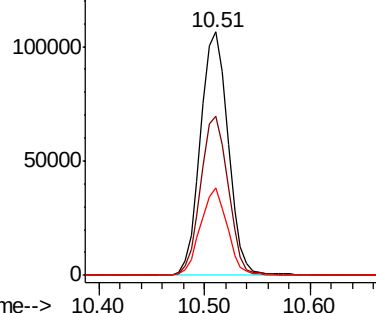


Abundance

Ion 162.00 (161.70 to 162.70): E

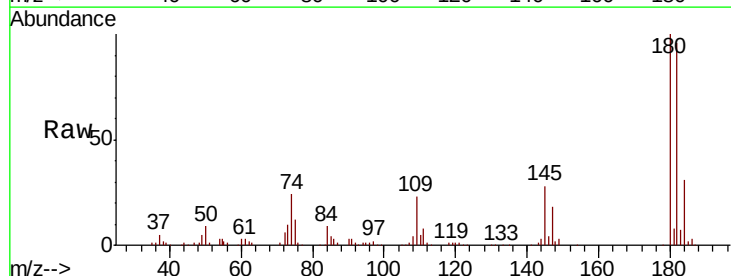
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 44.844 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	27.9	22.9	34.3

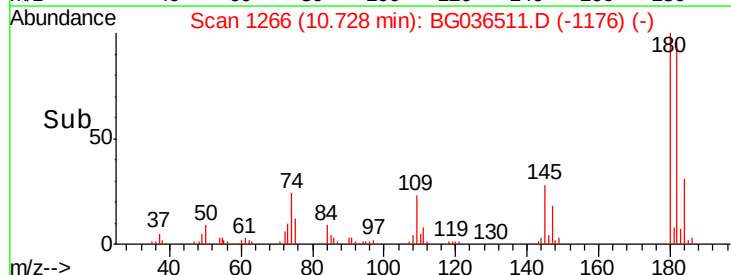
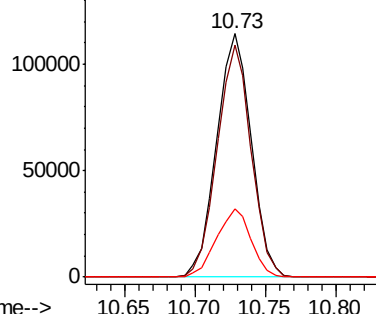


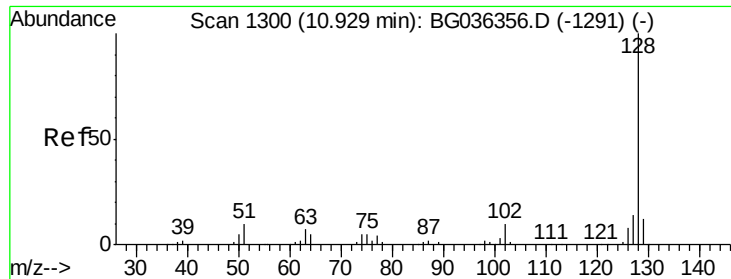
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

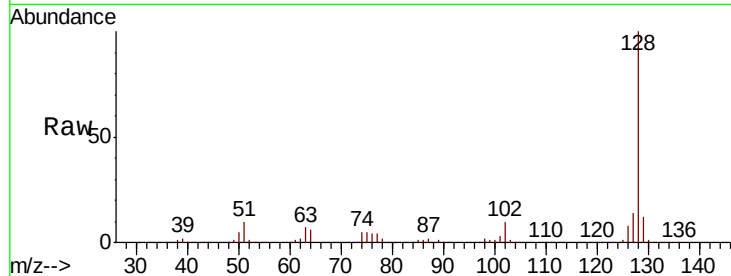




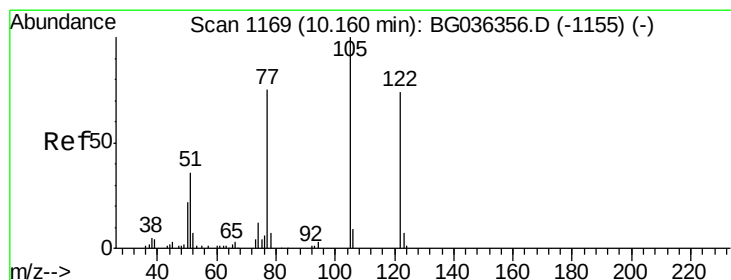
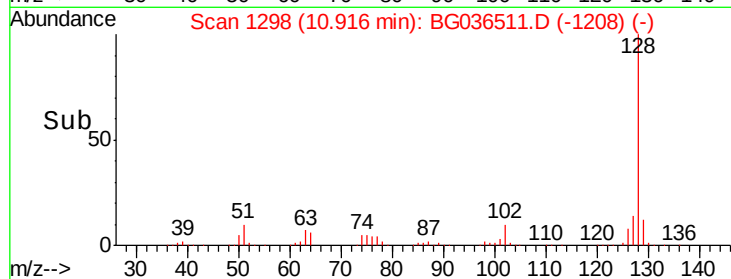
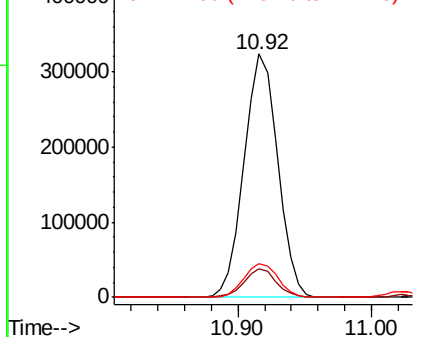
#31
Naphthalene
Concen: 48.002 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 563091
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.7 11.0 16.4

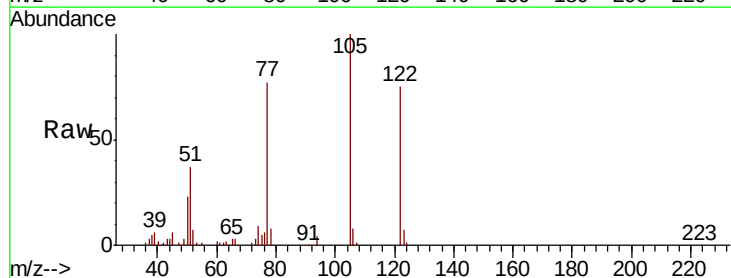


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

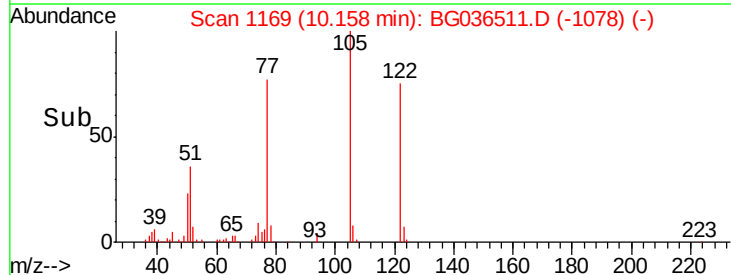
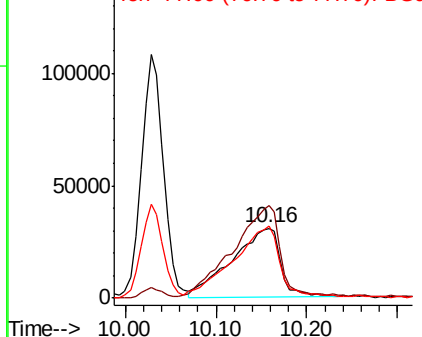


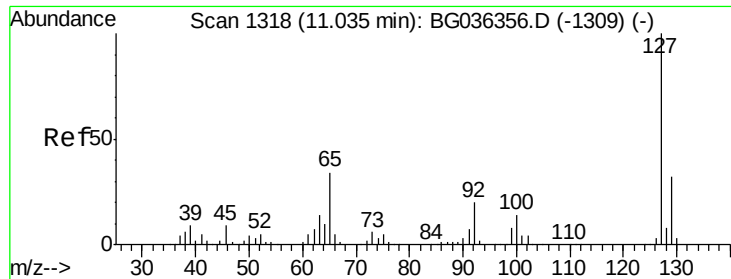
#32
Benzoic acid
Concen: 44.336 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:122 Resp: 111512
Ion Ratio Lower Upper
122 100
105 133.4 108.1 148.1
77 102.7 76.3 116.3



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

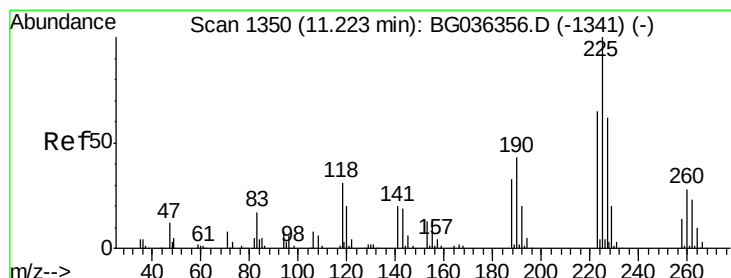
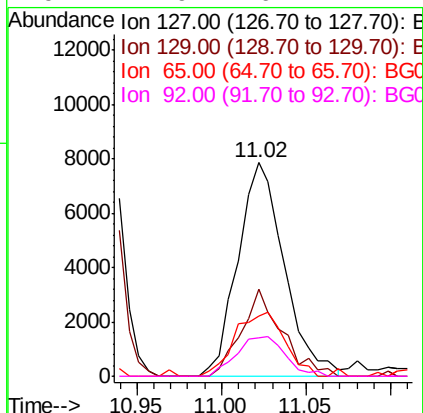
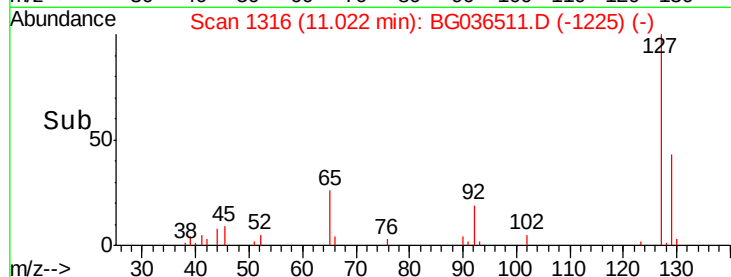
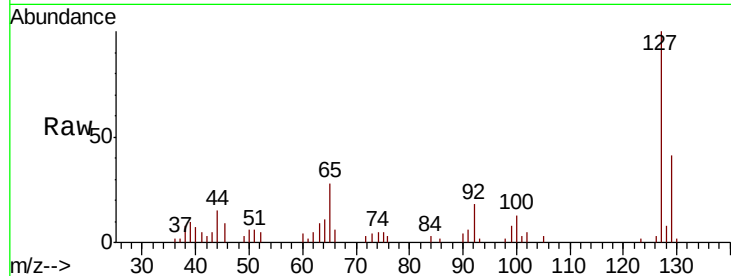




#33
4-Chloroaniline
Concen: 2.792 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

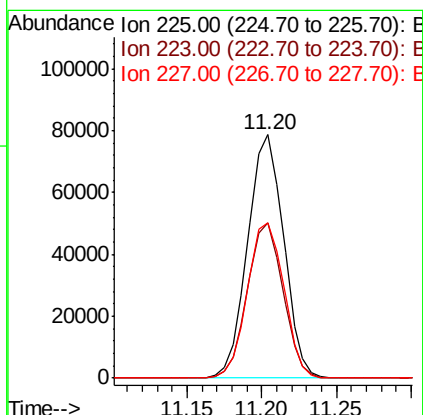
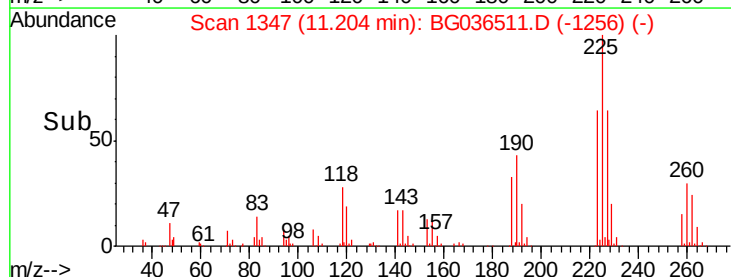
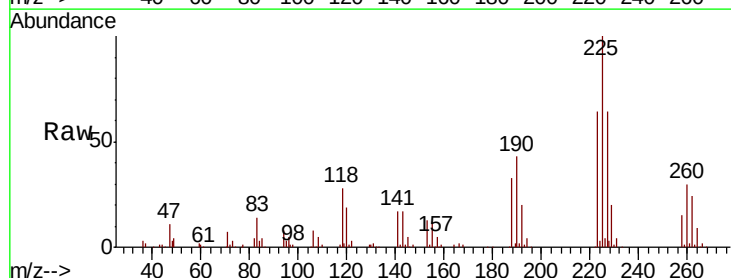
Instrument :
BNA_G
ClientSampleId :

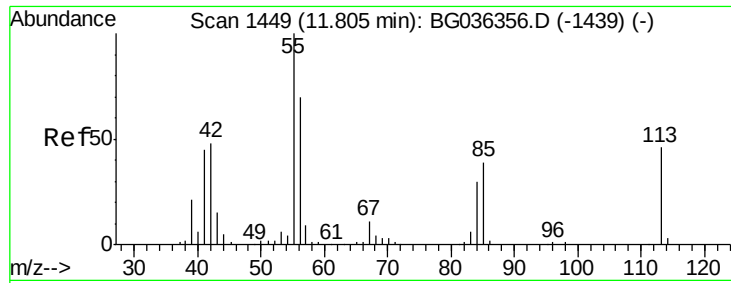
Tot Ion:	127	Resp:	15006
Ion	Ratio	Lower	Upper
127	100		
129	40.7	25.9	38.9#
65	28.4	27.5	41.3
92	17.9	16.2	24.2



#34
Hexachlorobutadiene
Concen: 44.465 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:	225	Resp:	131056
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.8
227	63.6	49.8	74.6





#35

Caprolactam

Concen: 30.147 ng

RT: 11.79 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

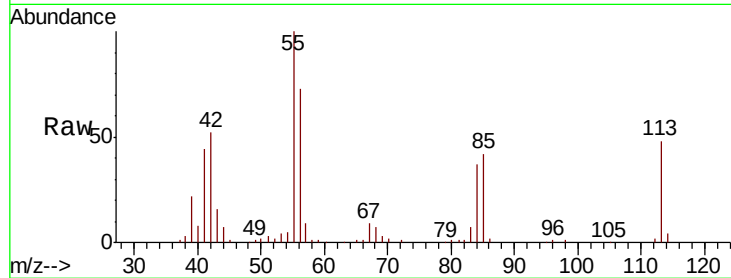
Tot Ion:113 Resp: 45034

Ion Ratio Lower Upper

113 100

55 207.7 197.7 237.7

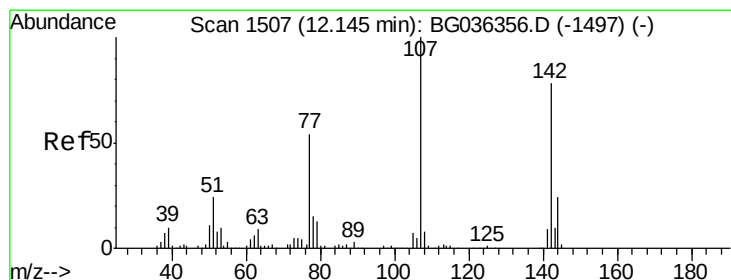
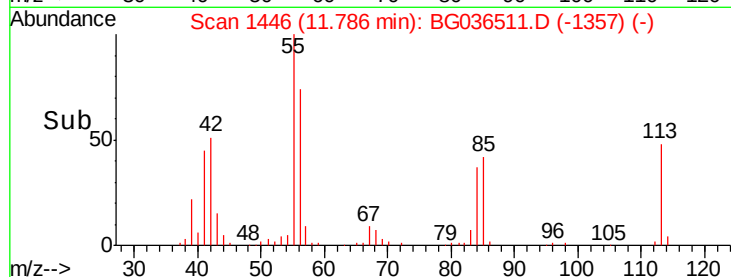
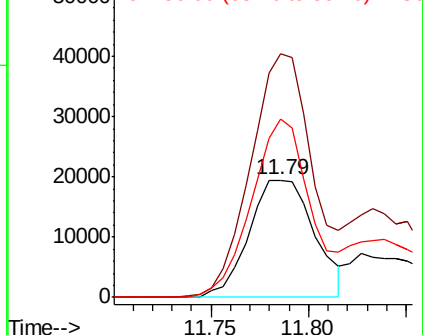
56 152.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.184 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

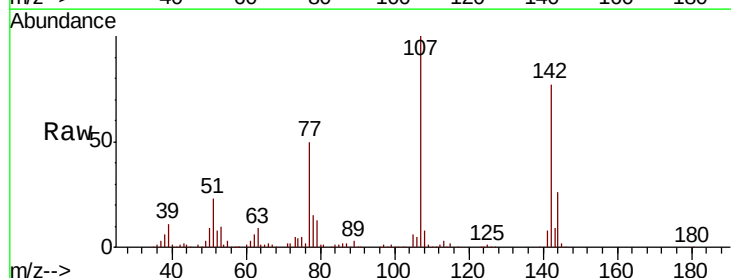
Tgt Ion:107 Resp: 214304

Ion Ratio Lower Upper

107 100

144 25.9 19.5 29.3

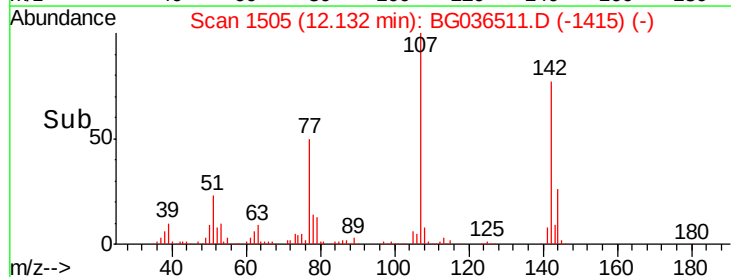
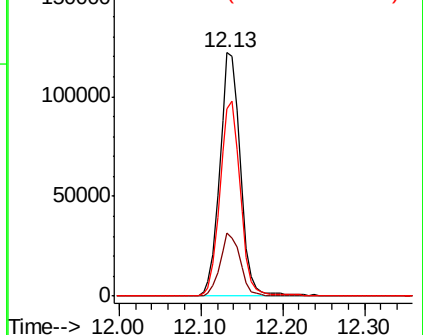
142 76.9 62.4 93.6

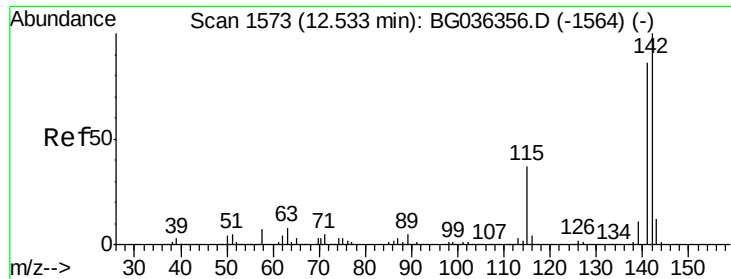


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

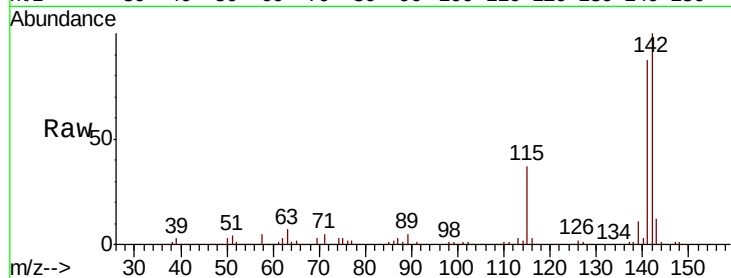




#37
2-Methylnaphthalene
Concen: 50.505 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	37.4	29.8	44.8

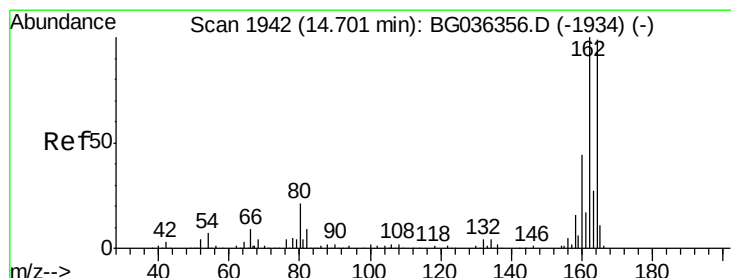
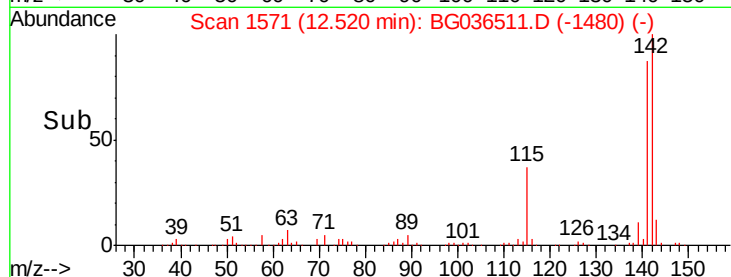
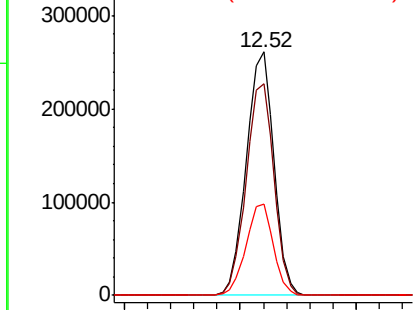


Abundance

Ion 142.00 (141.70 to 142.70): E

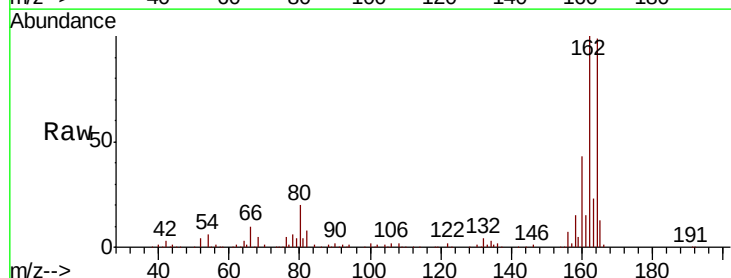
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.2	35.3	52.9

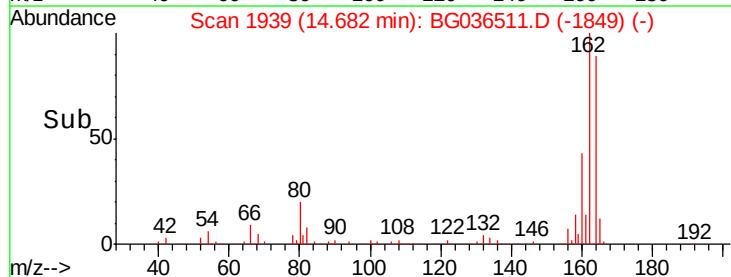
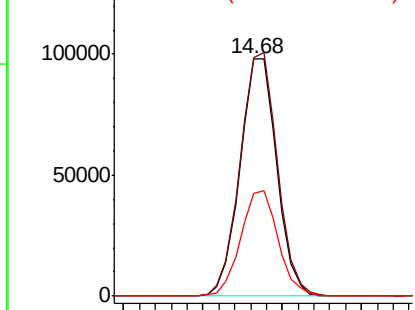


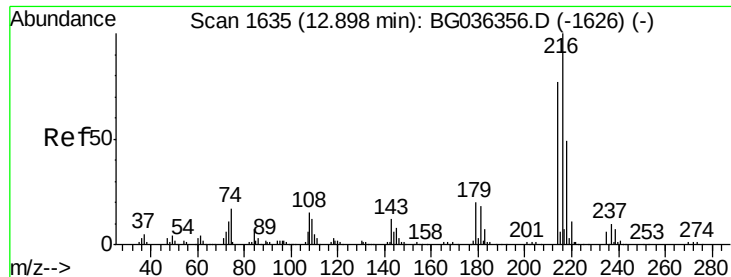
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 250034

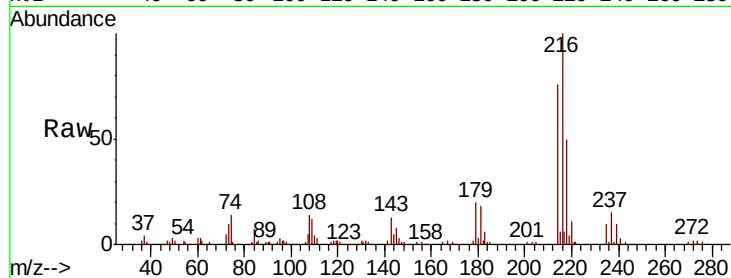
Ion Ratio Lower Upper

216 100

214 76.5 61.0 91.6

179 19.0 15.7 23.5

108 17.5 13.1 19.7

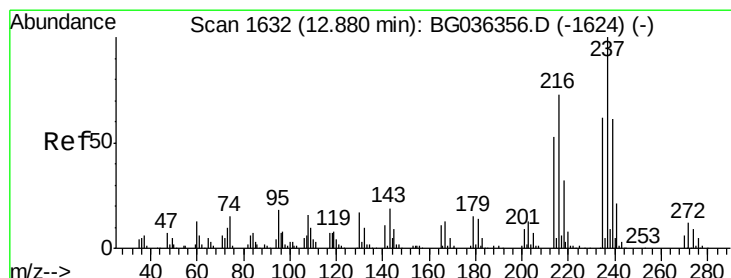
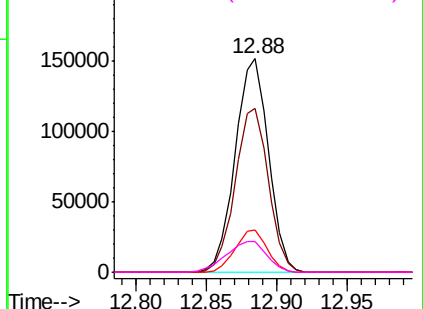
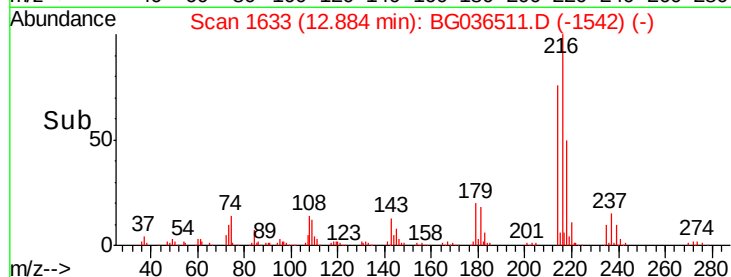


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.905 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

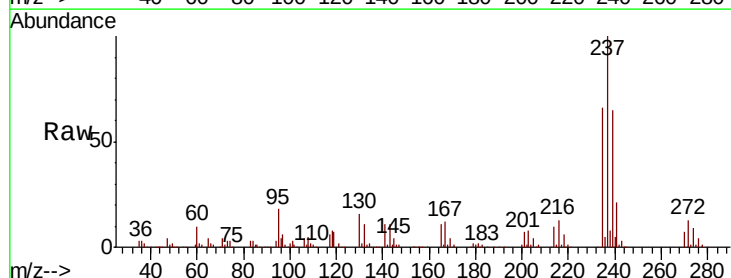
Tgt Ion:237 Resp: 298609

Ion Ratio Lower Upper

237 100

235 66.0 42.2 82.2

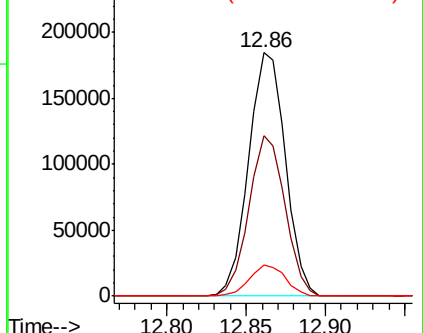
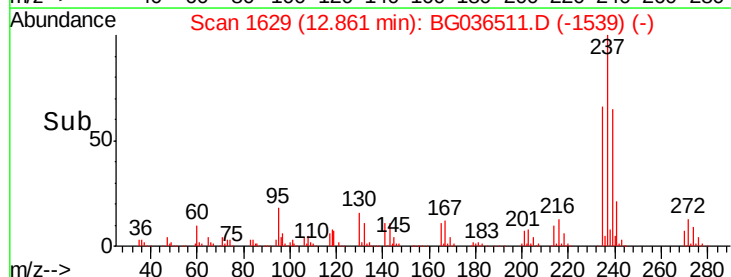
272 12.6 0.0 32.1

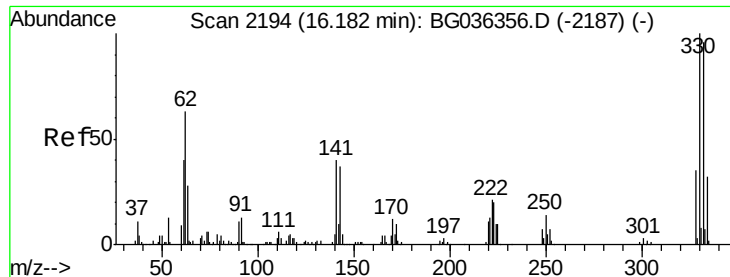


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

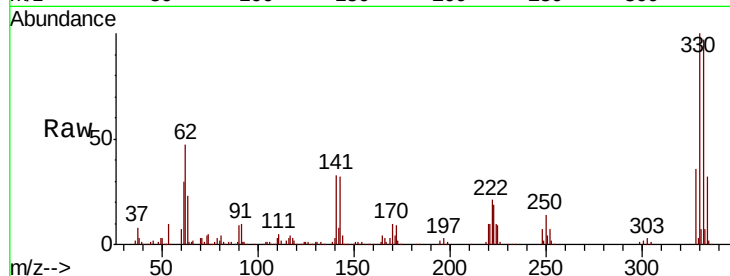




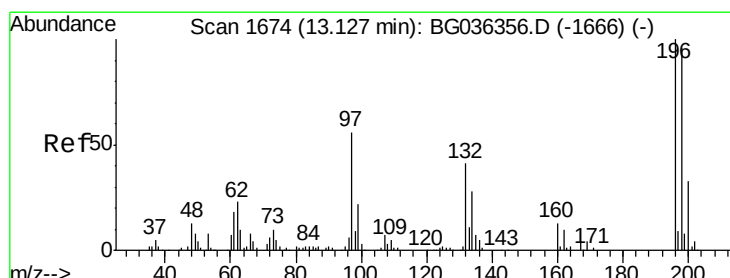
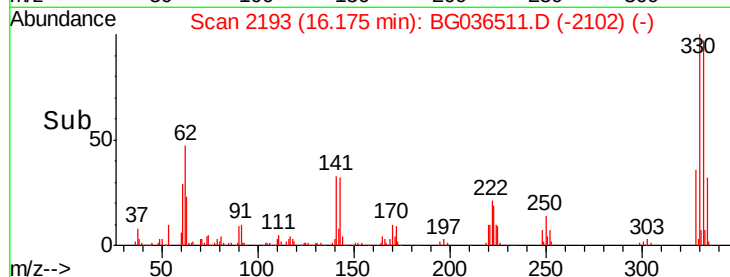
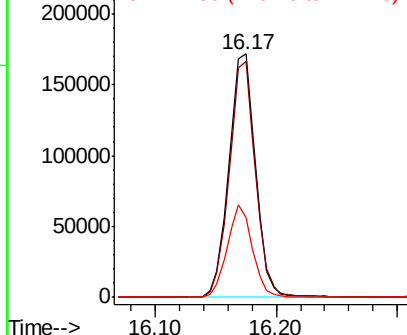
#41
 2,4,6-Tribromophenol
 Concen: 139.947 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.1	30.7	46.1

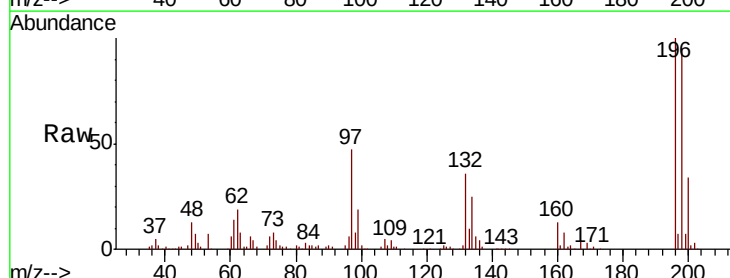


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

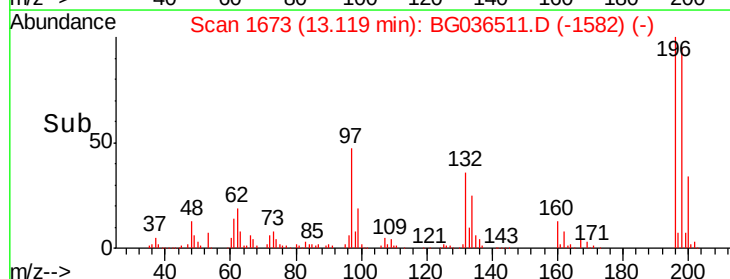
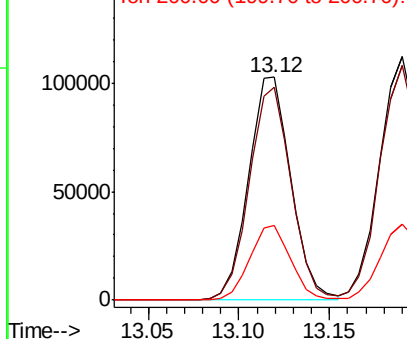


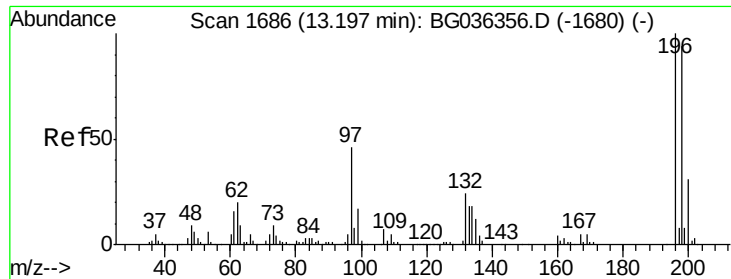
#42
 2,4,6-Trichlorophenol
 Concen: 49.036 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
200	33.7	26.3	39.5



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

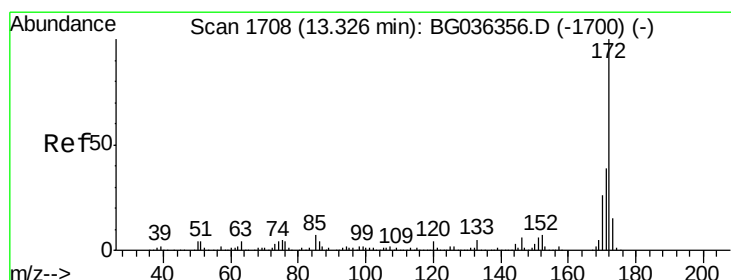
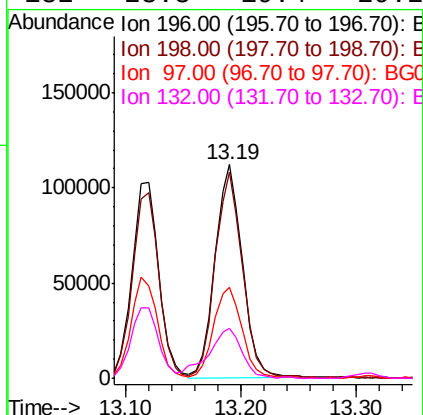
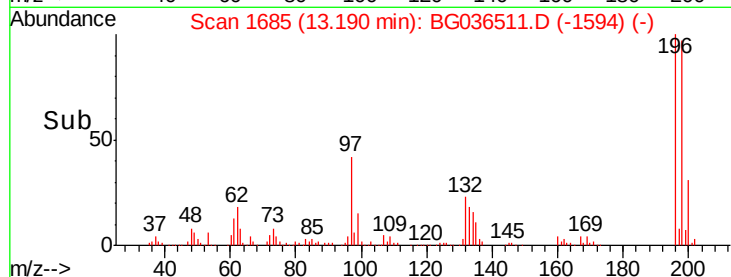
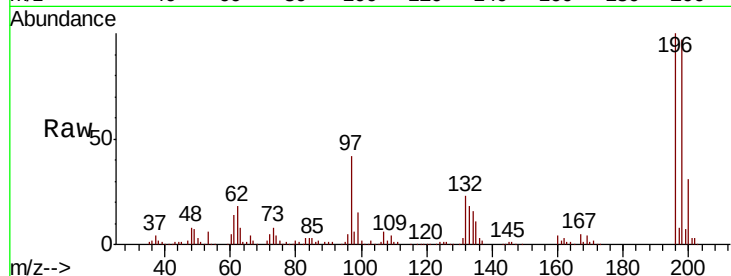




#43
 2,4,5-Trichlorophenol
 Concen: 50.587 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

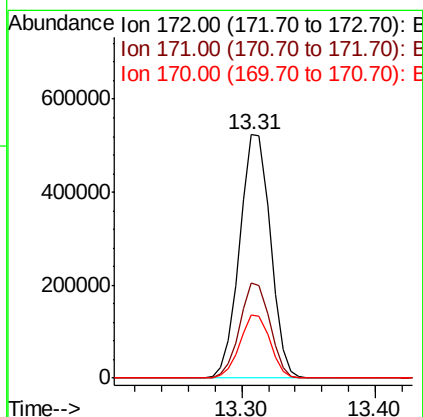
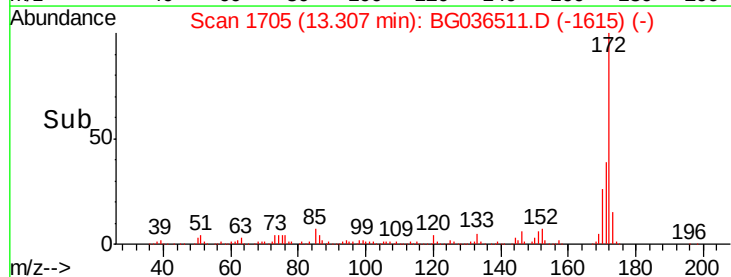
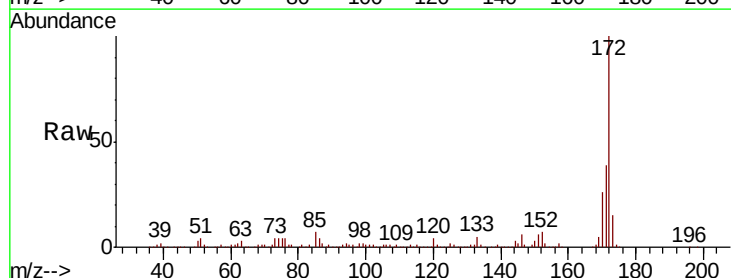
Instrument :
 BNA_G
 ClientSampleId :

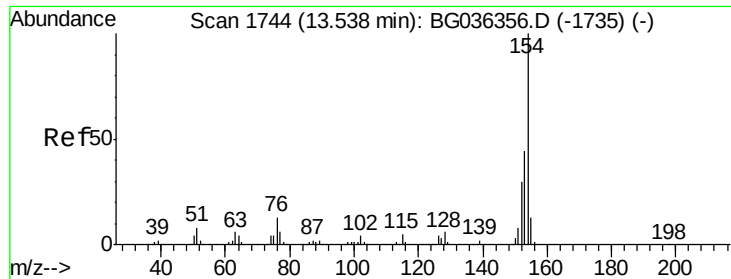
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.6	113.4
97	42.5	37.2	55.8
132	23.3	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 75.842 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.7	21.0	31.6





#45

1,1'-Biphenyl

Concen: 43.020 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampled :

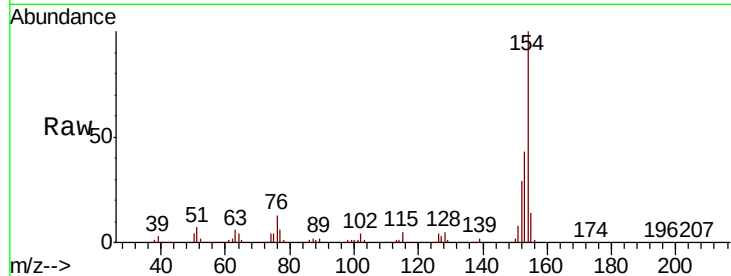
Tot Ion:154 Resp: 562778

Ion Ratio Lower Upper

154 100

153 43.4 24.0 64.0

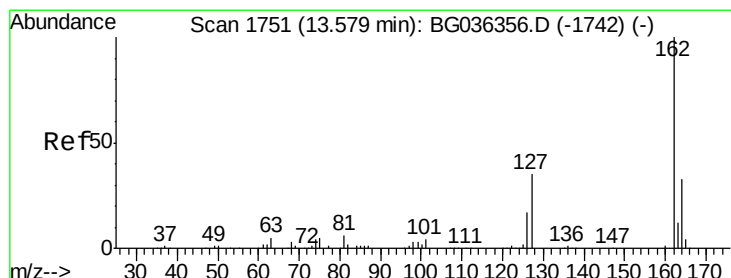
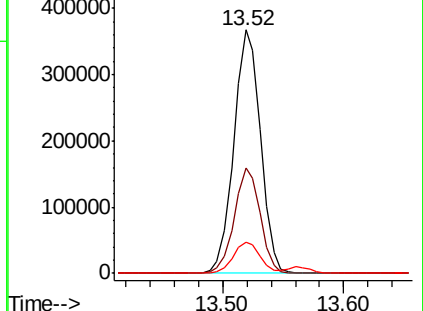
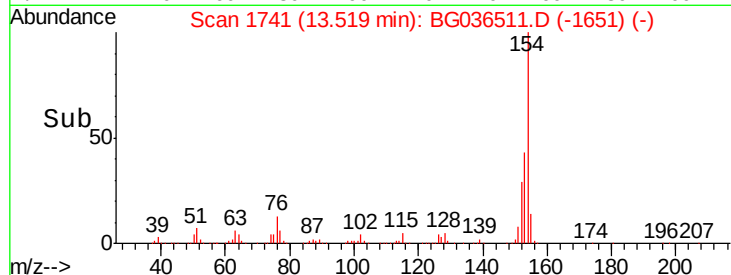
76 12.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.579 ng

RT: 13.57 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

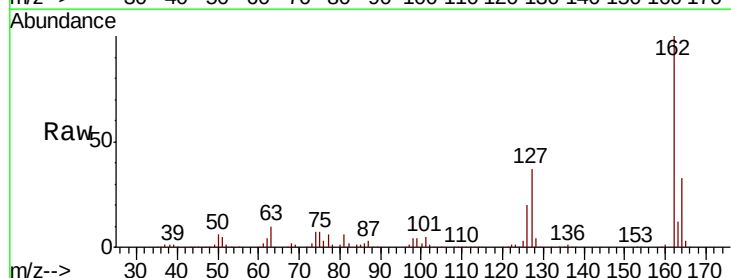
Tgt Ion:162 Resp: 435217

Ion Ratio Lower Upper

162 100

127 36.9 30.7 46.1

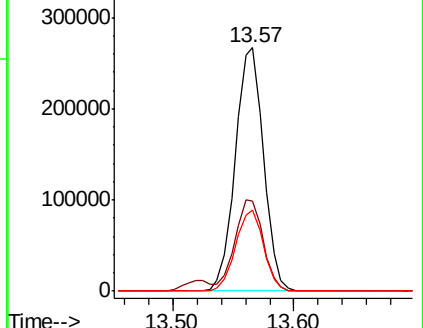
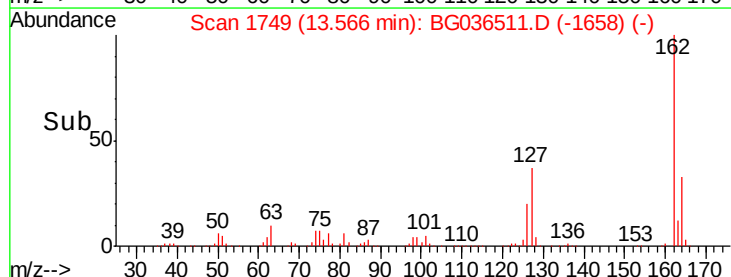
164 33.4 26.7 40.1

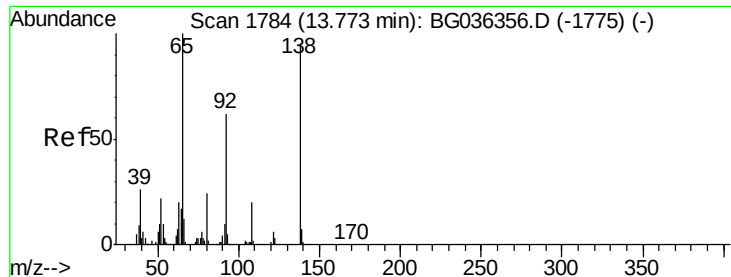


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

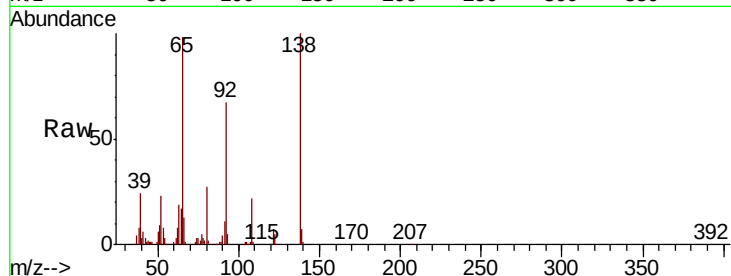




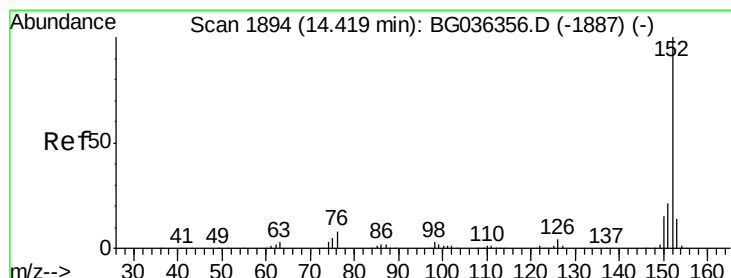
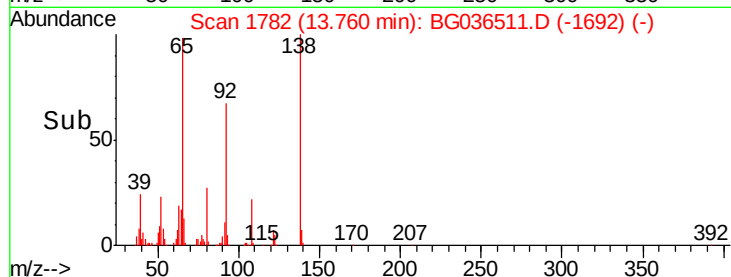
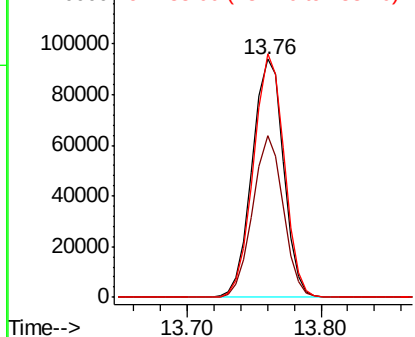
#47
2-Nitroaniline
Concen: 48.454 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 151953
Ion Ratio Lower Upper
65 100
92 68.0 49.9 74.9
138 102.2 76.2 114.4

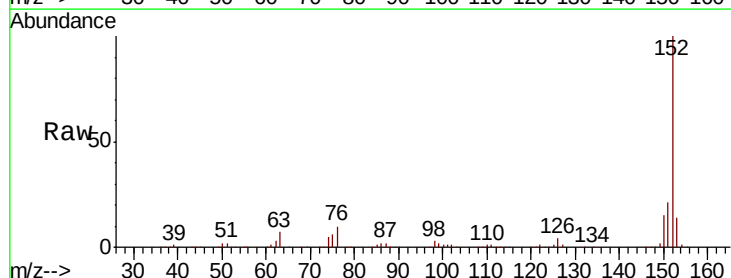


Abundance Ion 65.00 (64.70 to 65.70): BG036356.D (-1775) (-)
Ion 92.00 (91.70 to 92.70): BG036356.D (-1775) (-)
Ion 138.00 (137.70 to 138.70): BG036356.D (-1775) (-)

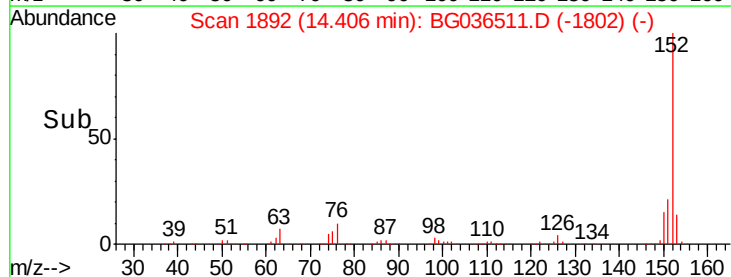
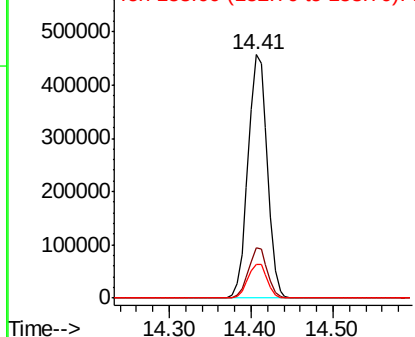


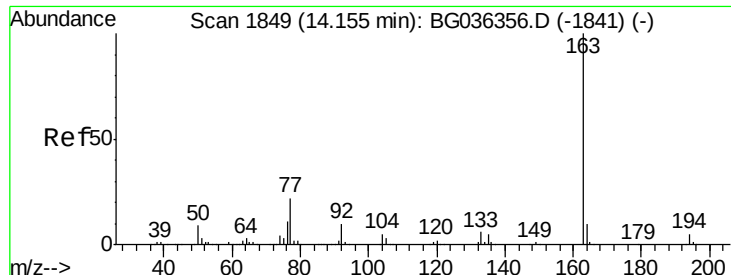
#48
Acenaphthylene
Concen: 47.975 ng
RT: 14.41 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 152 Resp: 748787
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BG036356.D (-1887) (-)
Ion 151.00 (150.70 to 151.70): BG036356.D (-1887) (-)
Ion 153.00 (152.70 to 153.70): BG036356.D (-1887) (-)

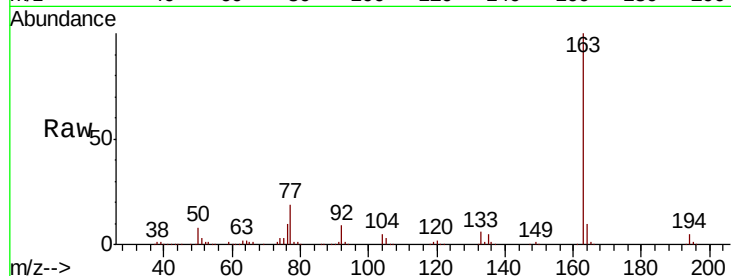




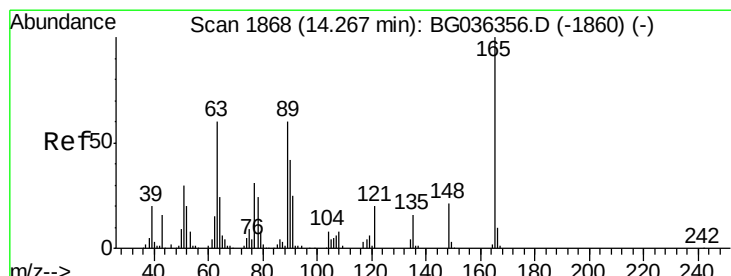
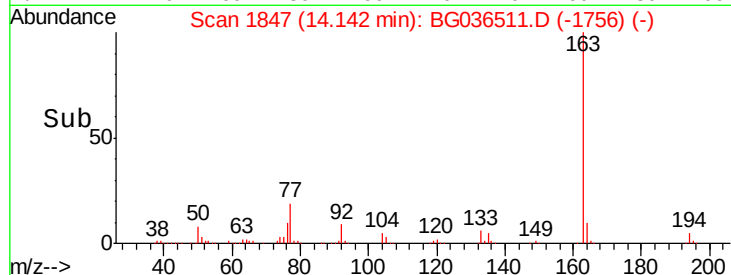
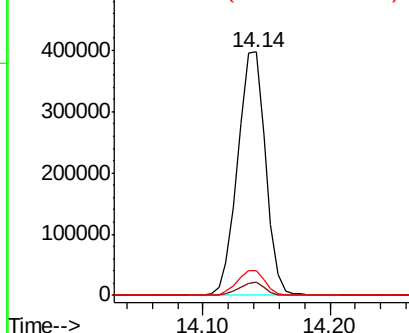
#49
Dimethylphthalate
Concen: 46.902 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 603563
Ion Ratio Lower Upper
163 100
194 5.2 4.0 6.0
164 10.1 8.1 12.1

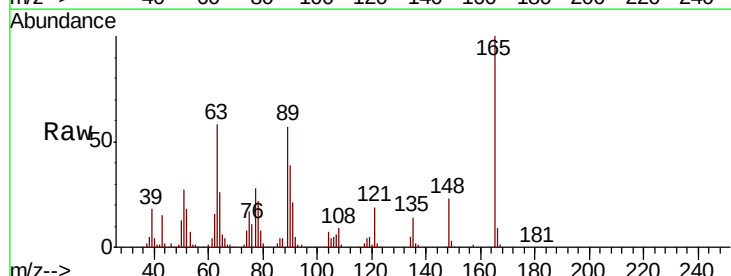


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

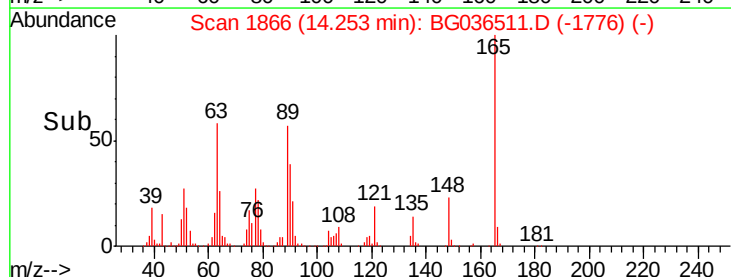
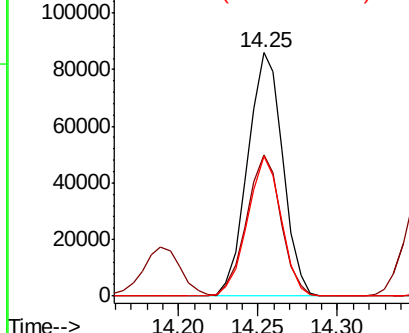


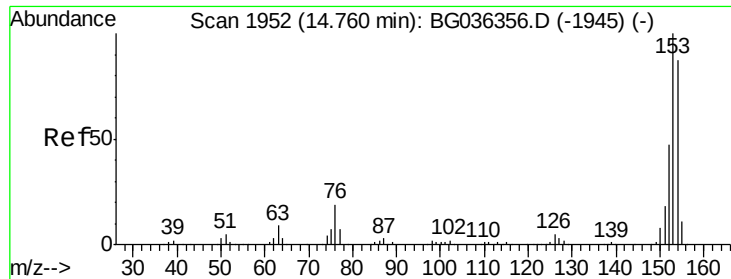
#50
2,6-Dinitrotoluene
Concen: 50.055 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:165 Resp: 132546
Ion Ratio Lower Upper
165 100
63 57.9 50.1 75.1
89 57.4 47.8 71.6



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





#51

Acenaphthene

Concen: 44.309 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

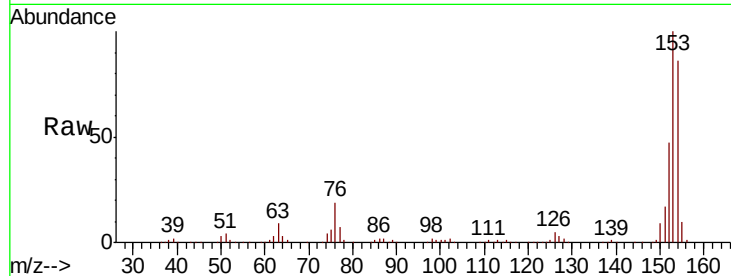
Tot Ion:154 Resp: 442910

Ion Ratio Lower Upper

154 100

153 116.1 91.8 137.6

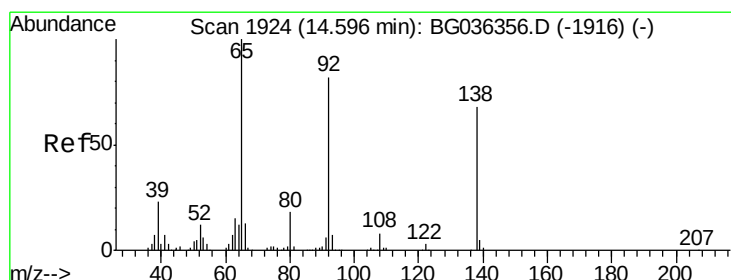
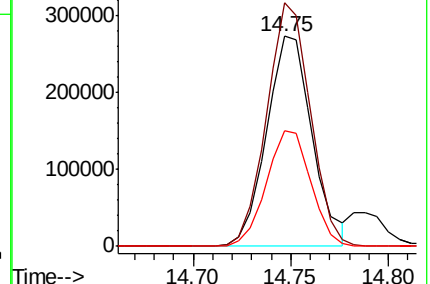
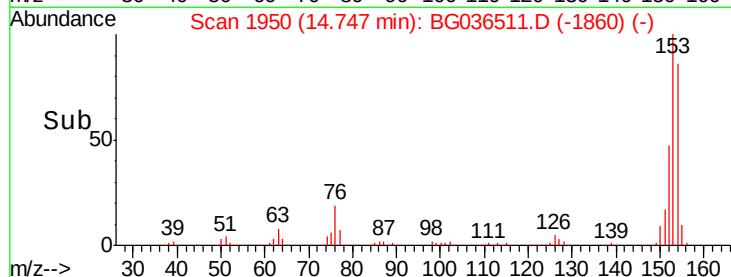
152 54.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.194 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

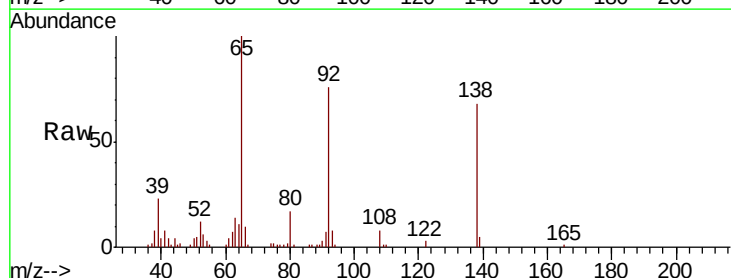
Tgt Ion:138 Resp: 31944

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

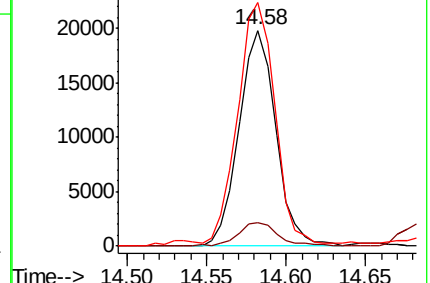
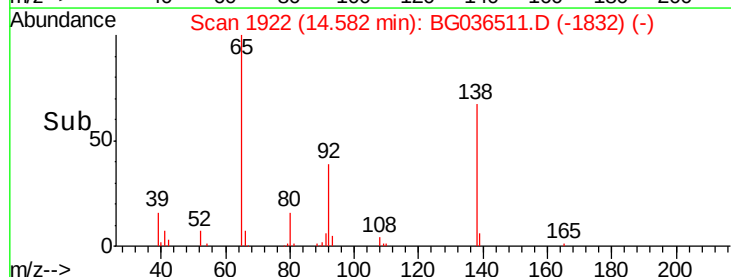
92 112.8 96.8 145.2

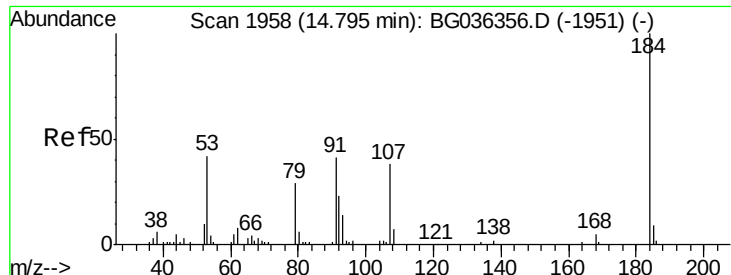


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#53

2,4-Dinitrophenol

Concen: 122.149 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

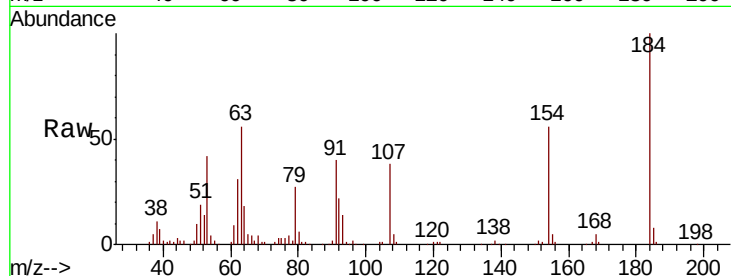
Tot Ion:184 Resp: 122516

Ion Ratio Lower Upper

184 100

63 56.3 47.3 70.9

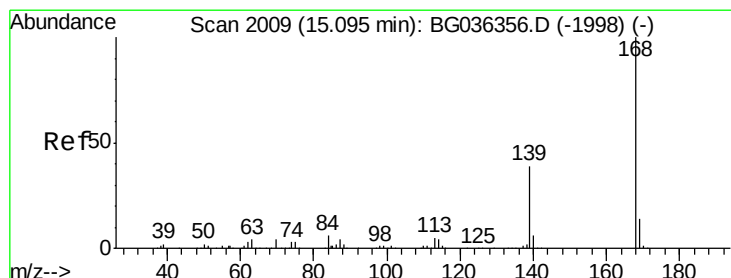
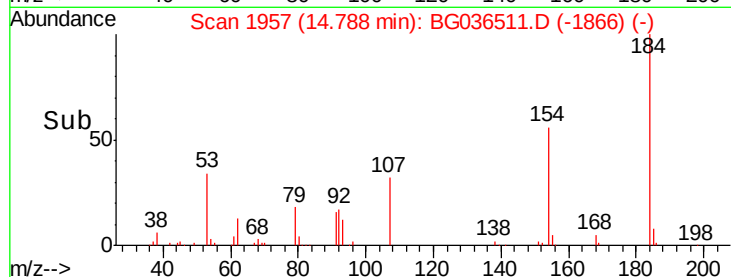
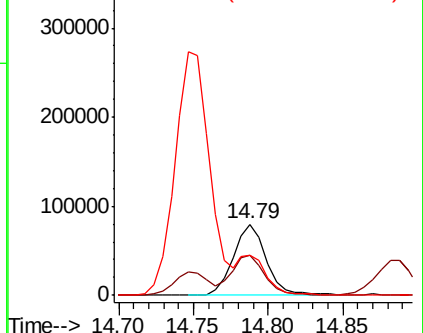
154 55.7 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG036511.D (-1951) (-)

Ion 154.00 (153.70 to 154.70): BG036511.D (-1951) (-)



#54

Dibenzofuran

Concen: 44.912 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

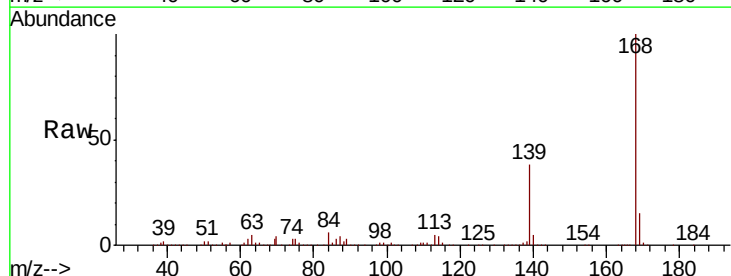
Tgt Ion:168 Resp: 703326

Ion Ratio Lower Upper

168 100

139 37.6 31.0 46.6

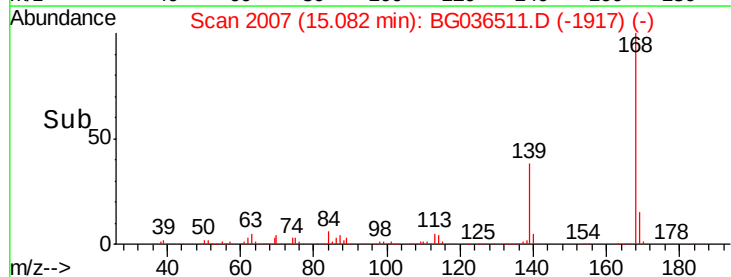
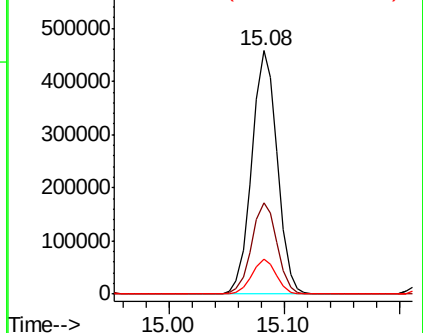
169 14.6 11.1 16.7

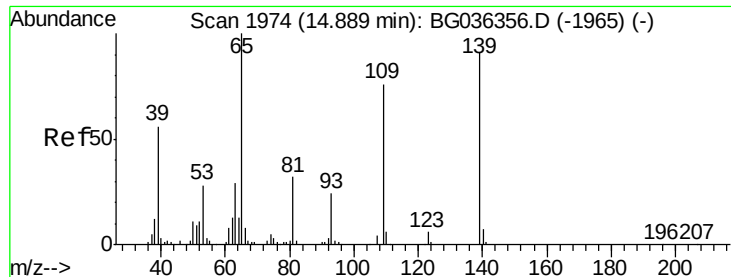


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): BG036511.D (-1998) (-)

Ion 169.00 (168.70 to 169.70): BG036511.D (-1998) (-)

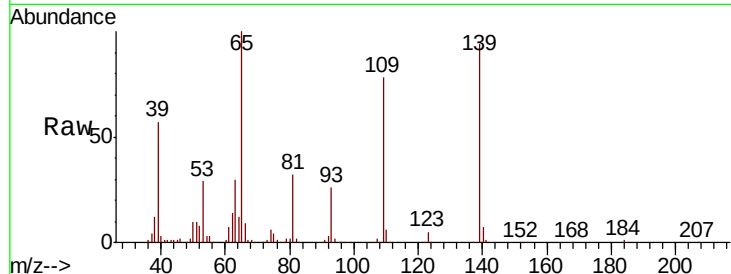




#55
4-Nitrophenol
Concen: 90.727 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.9	63.9	103.9
65	106.5	90.0	130.0

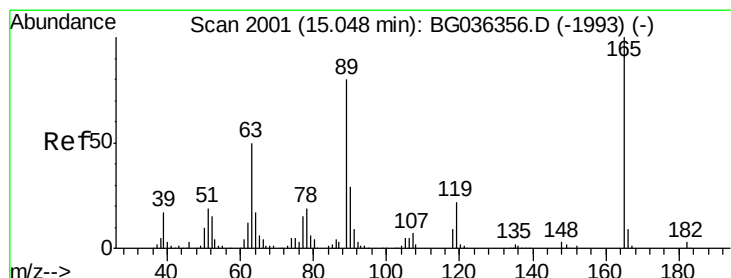
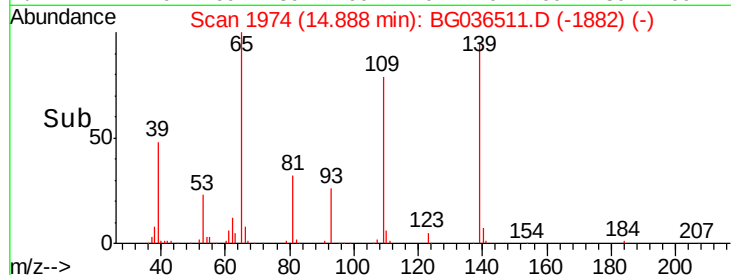
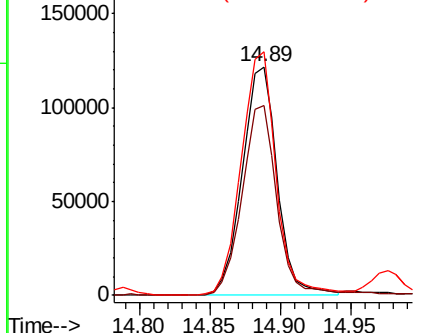


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 54.303 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.1	40.1	60.1
89	71.0	63.7	95.5
182	3.4	2.5	3.7

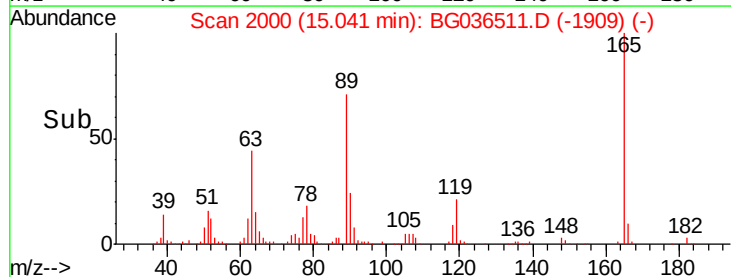
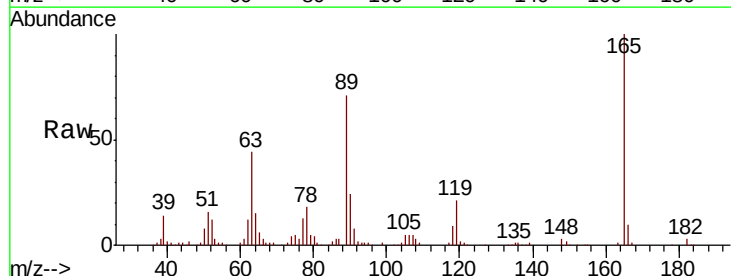
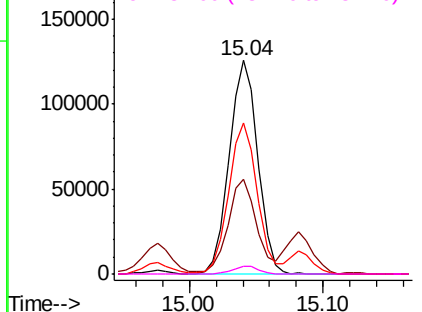
Abundance

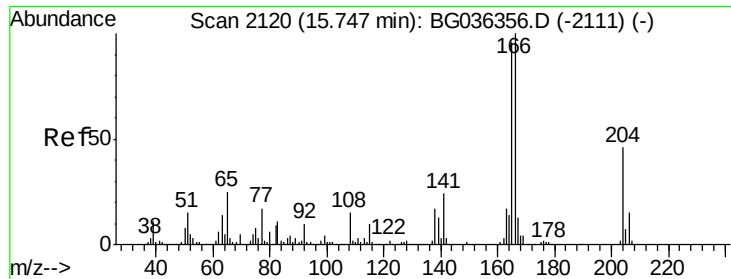
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

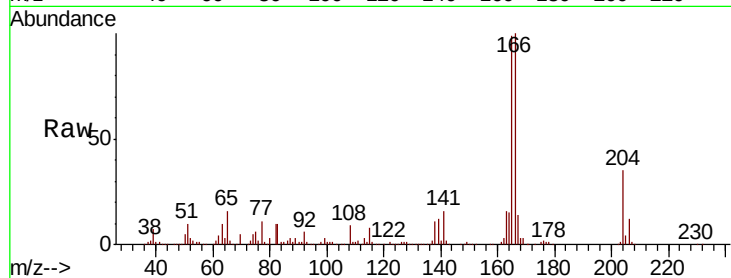




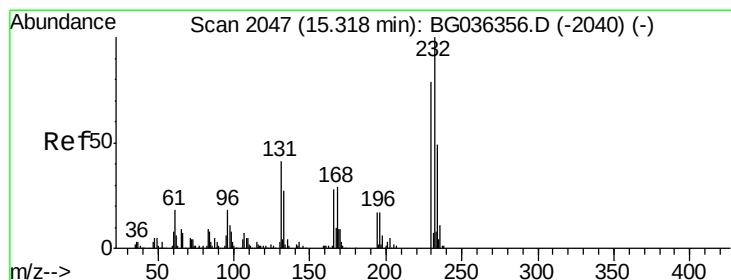
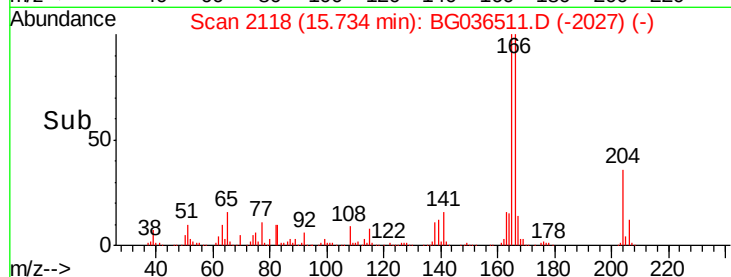
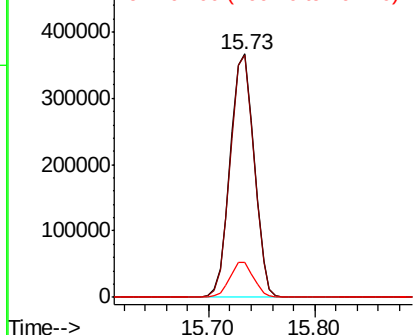
#57
 Fluorene
 Concen: 49.041 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 574128
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.0 115.4
 167 14.2 10.6 16.0

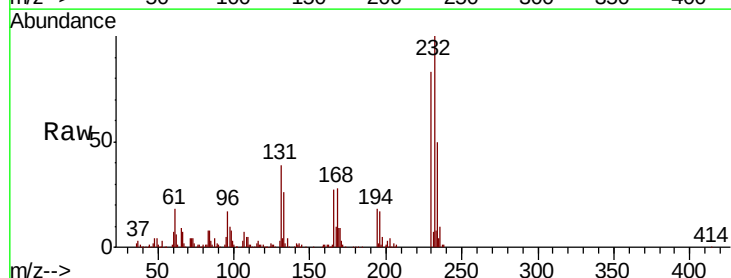


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

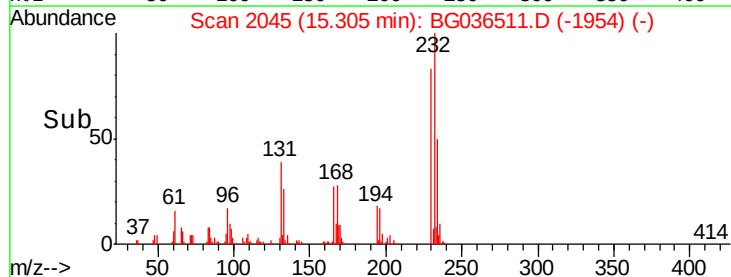
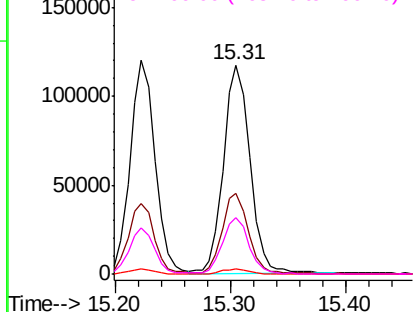


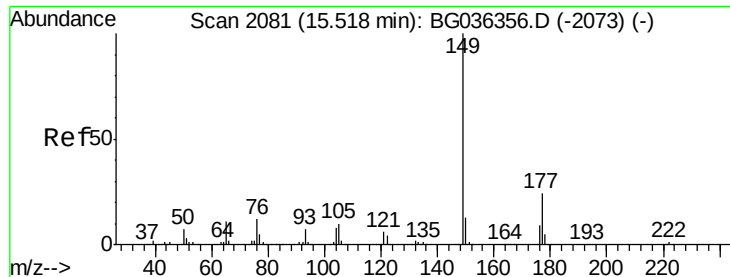
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.537 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion:232 Resp: 185672
 Ion Ratio Lower Upper
 232 100
 131 38.3 33.8 50.8
 130 2.3 2.1 3.1
 166 26.7 22.3 33.5



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

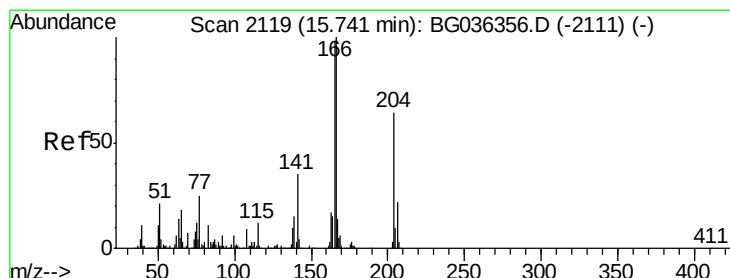
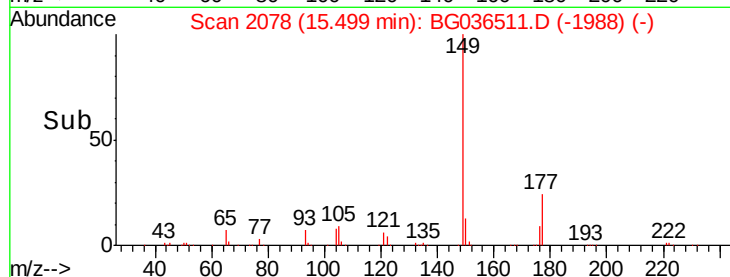
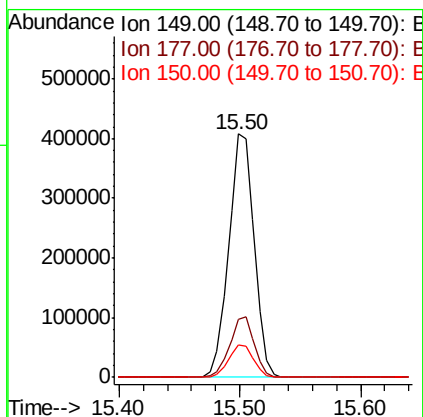
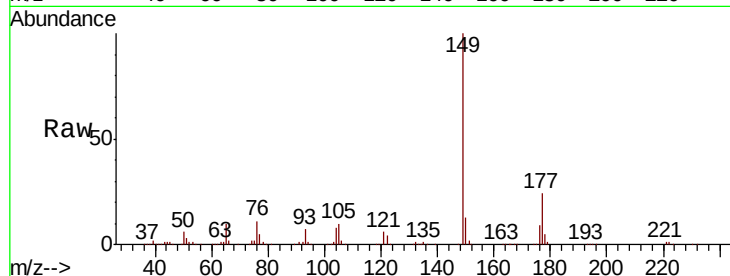




#59
Diethylphthalate
Concen: 45.863 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

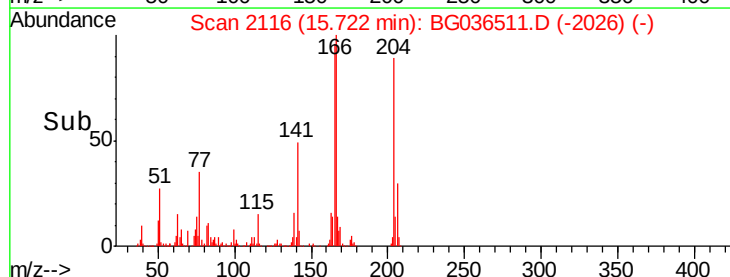
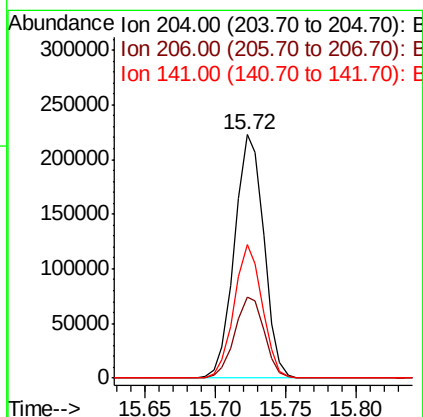
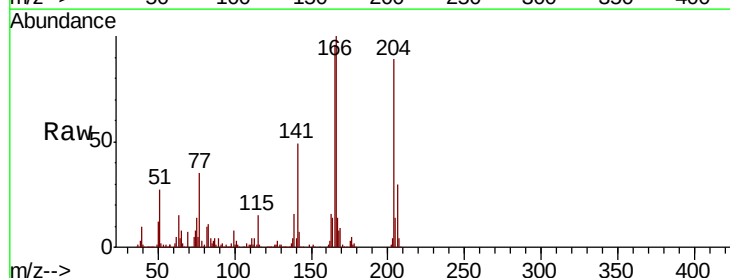
Instrument :
BNA_G
ClientSampled :

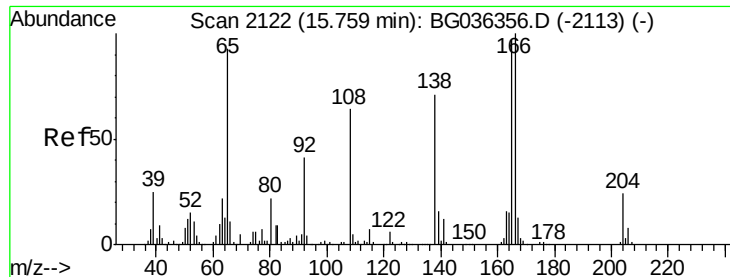
Tot Ion:149 Resp: 594785
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 13.2 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 44.583 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:204 Resp: 322293
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 55.1 43.8 65.6





#61

4-Nitroaniline

Concen: 45.474 ng

RT: 15.75 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampled :

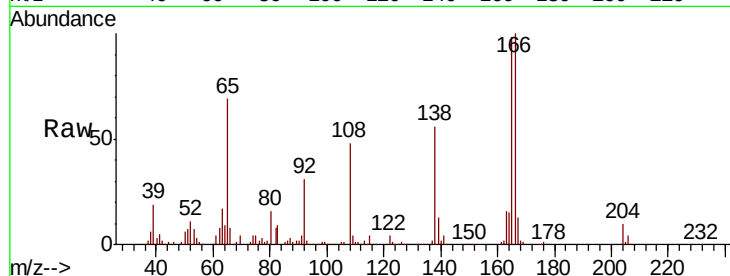
Tot Ion:138 Resp: 135789

Ion Ratio Lower Upper

138 100

92 54.3 38.5 78.5

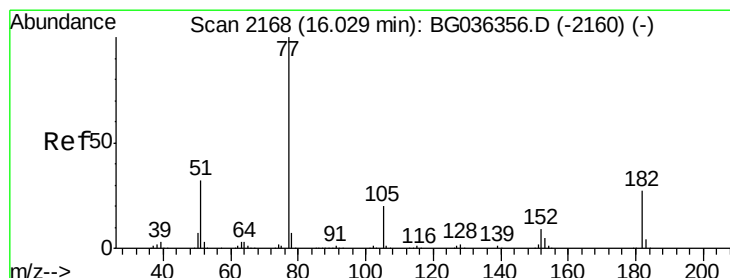
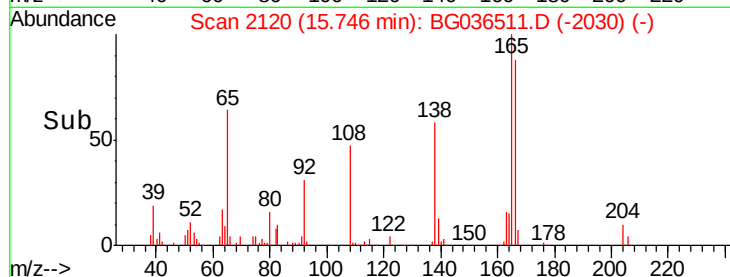
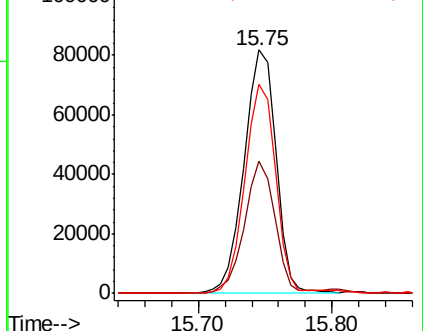
108 85.9 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.690 ng

RT: 16.02 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion: 77 Resp: 563318

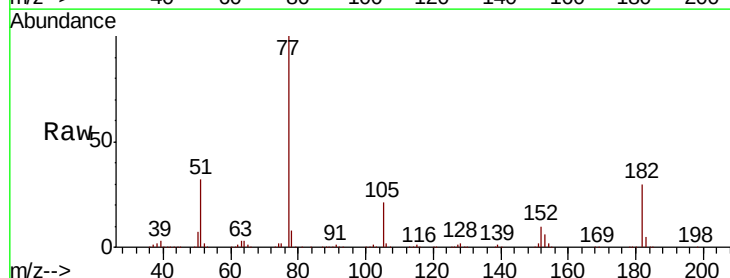
Ion Ratio Lower Upper

77 100

182 29.7 6.7 46.7

105 20.5 0.0 39.8

51 32.3 12.4 52.4

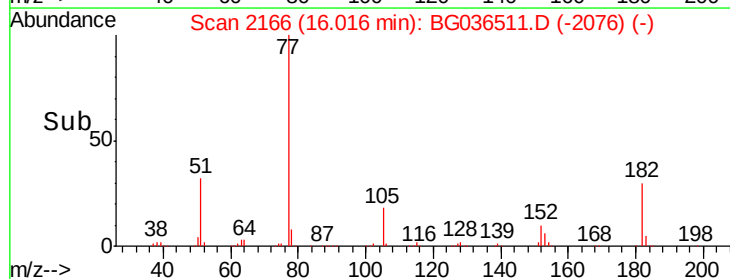
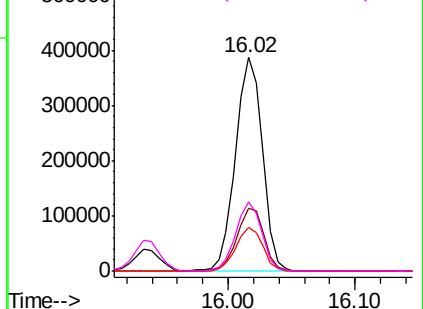


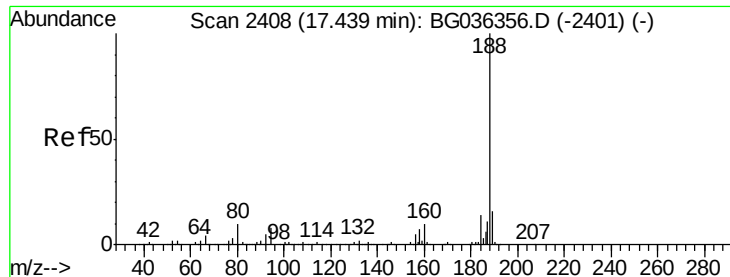
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

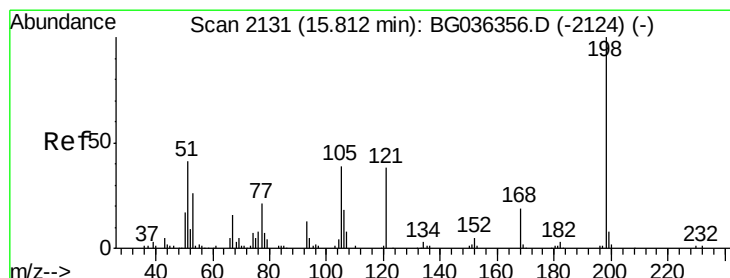
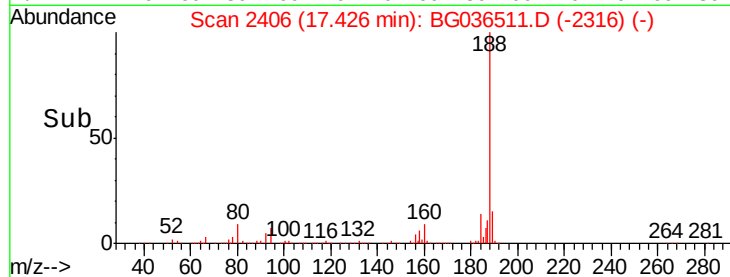
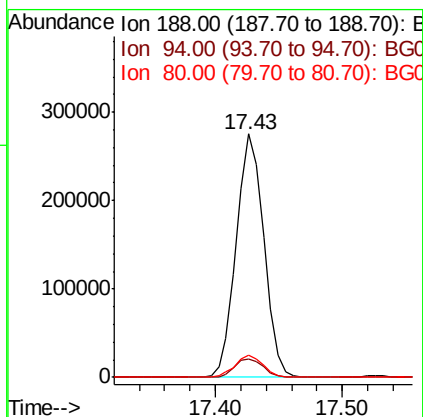
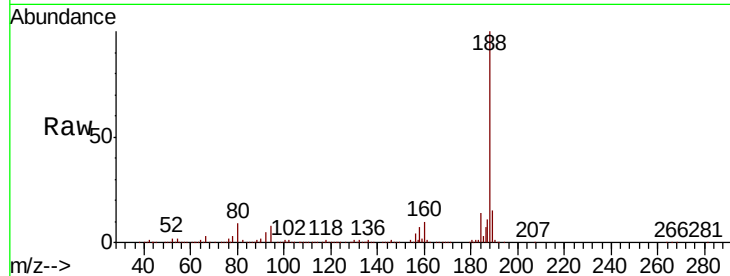




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

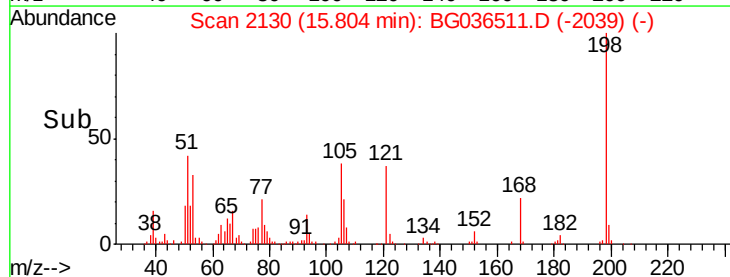
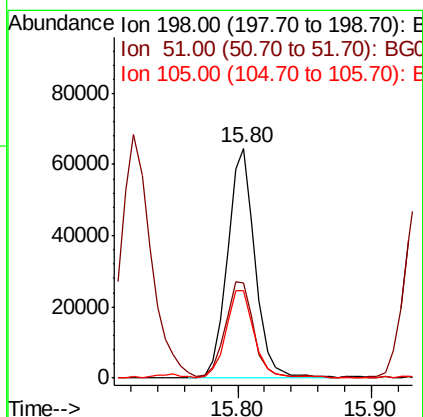
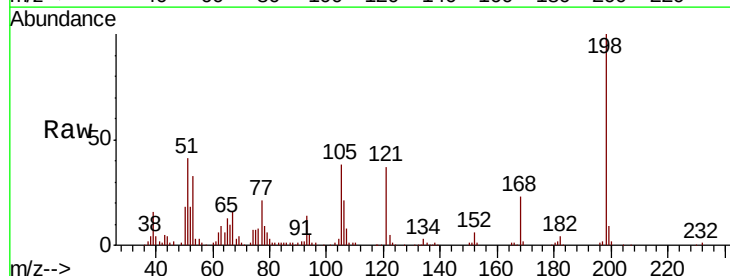
Instrument :
BNA_G
ClientSampleId :

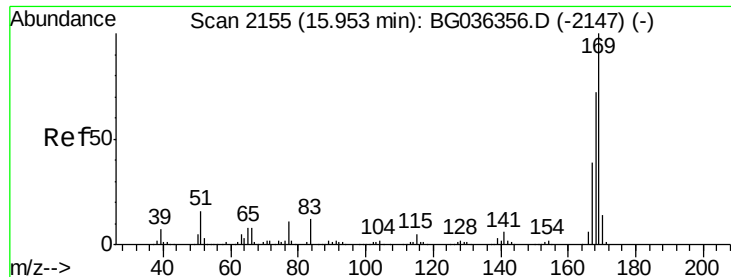
Tot Ion:188 Resp: 414878
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.1 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 51.242 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:198 Resp: 93387
Ion Ratio Lower Upper
198 100
51 41.5 26.5 66.5
105 37.9 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 42.818 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

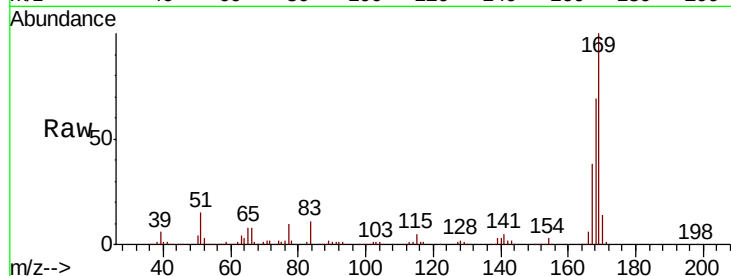
Tot Ion:169 Resp: 527834

Ion Ratio Lower Upper

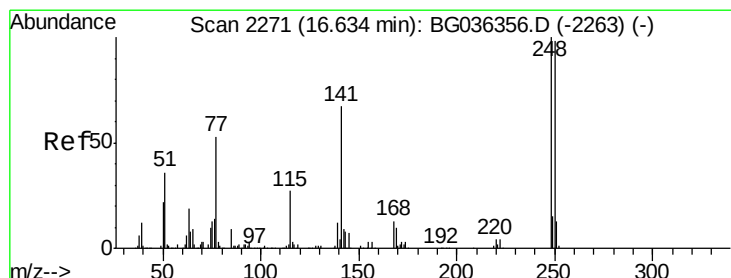
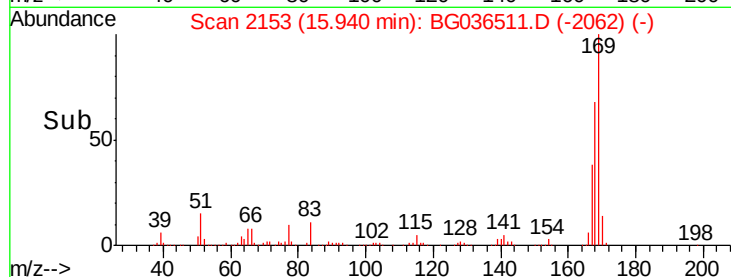
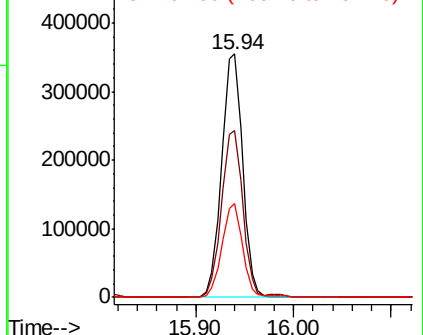
169 100

168 68.5 57.6 86.4

167 38.3 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 44.488 ng

RT: 16.62 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

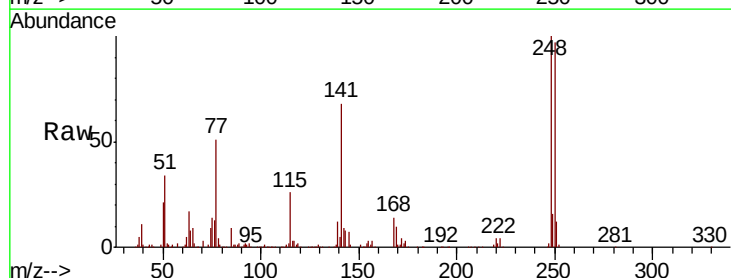
Tgt Ion:248 Resp: 216097

Ion Ratio Lower Upper

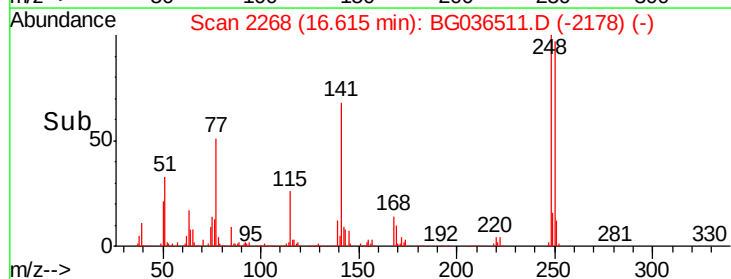
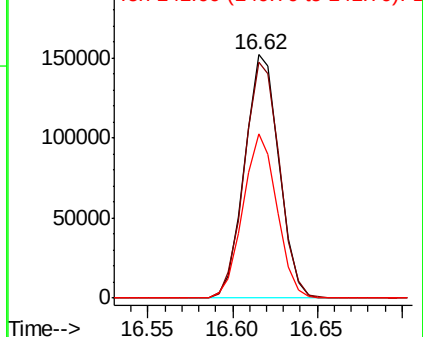
248 100

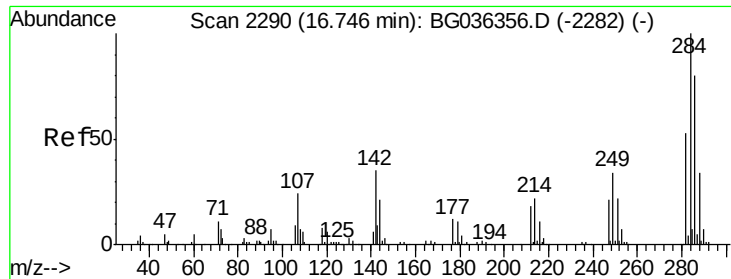
250 97.0 78.1 117.1

141 67.7 53.7 80.5



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

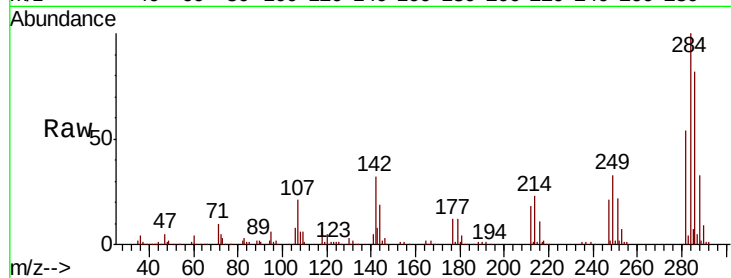




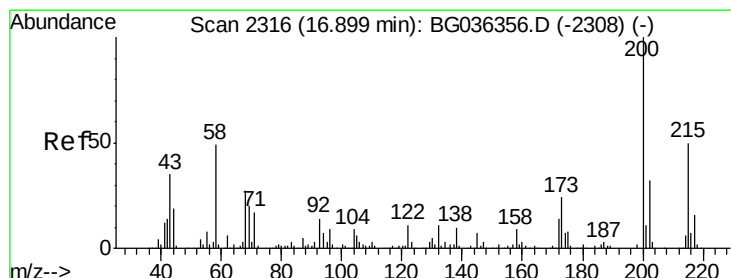
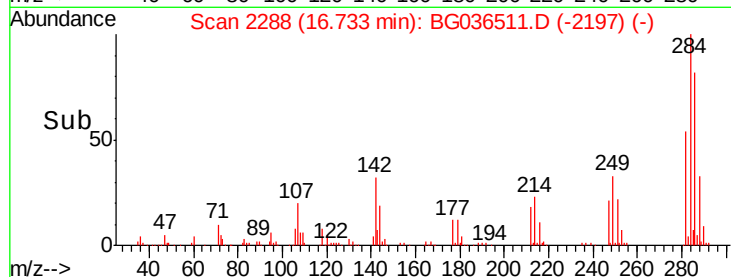
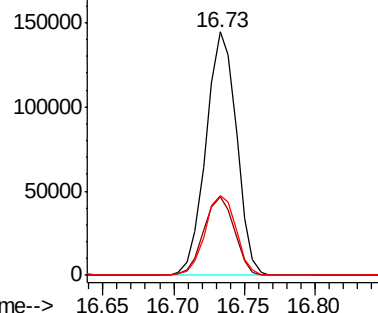
#67
Hexachlorobenzene
Concen: 44.056 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 218820
Ion Ratio Lower Upper
284 100
142 32.5 27.8 41.6
249 32.7 27.4 41.2

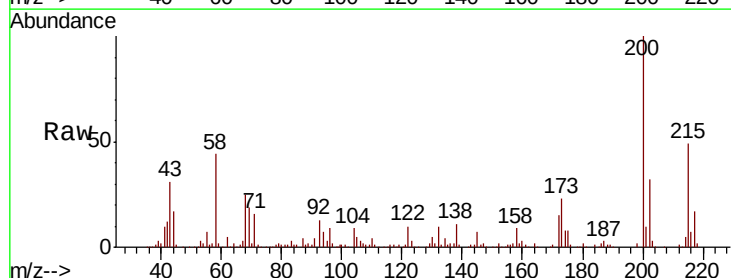


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

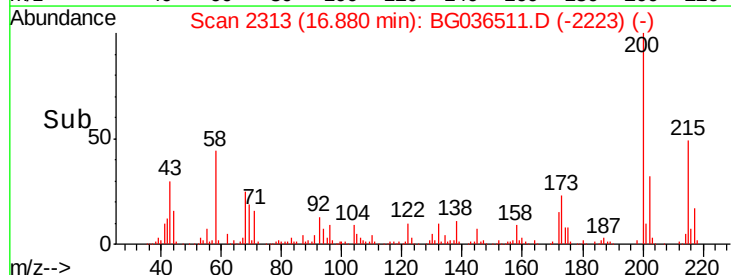
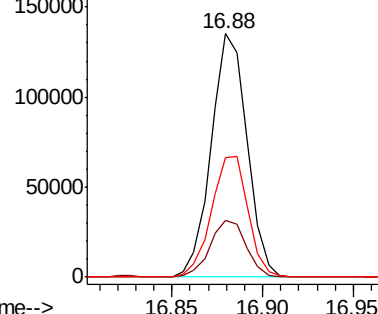


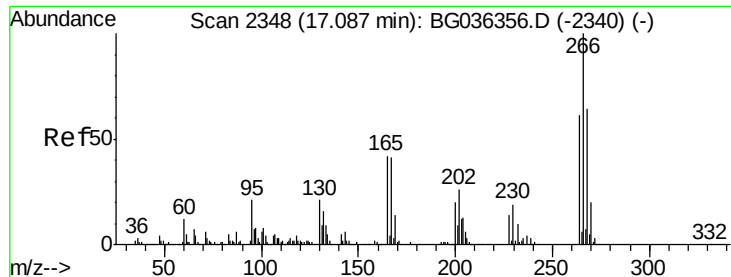
#68
Atrazine
Concen: 40.014 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:200 Resp: 185147
Ion Ratio Lower Upper
200 100
173 23.3 3.9 43.9
215 49.1 30.4 70.4



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





#69

Pentachlorophenol

Concen: 83.653 ng

RT: 17.07 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

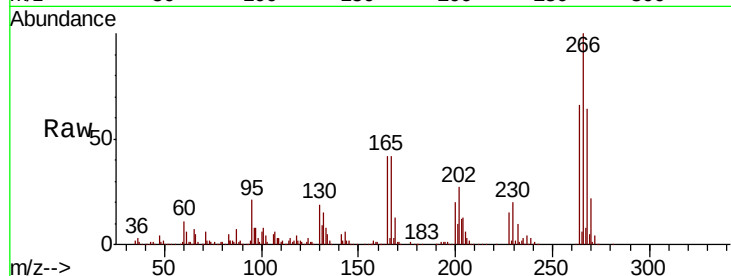
Tot Ion:266 Resp: 282382

Ion Ratio Lower Upper

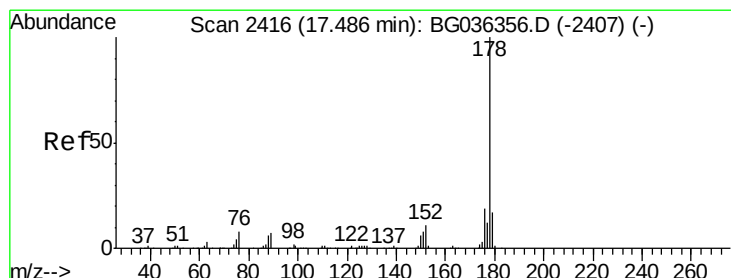
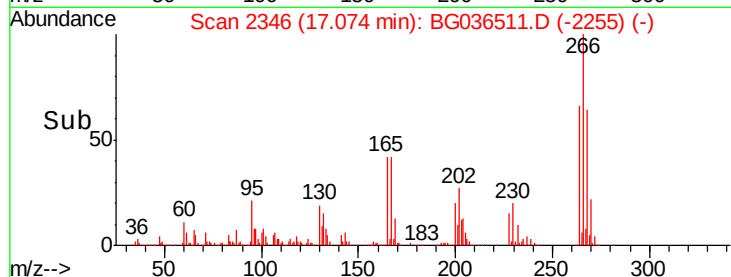
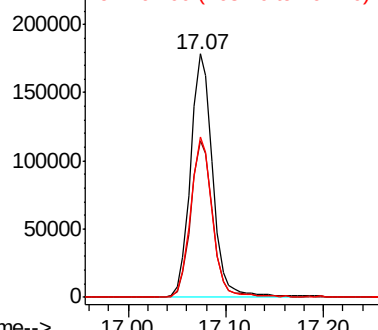
266 100

268 64.5 51.4 77.2

264 66.1 48.9 73.3



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



#70

Phenanthrene

Concen: 47.165 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

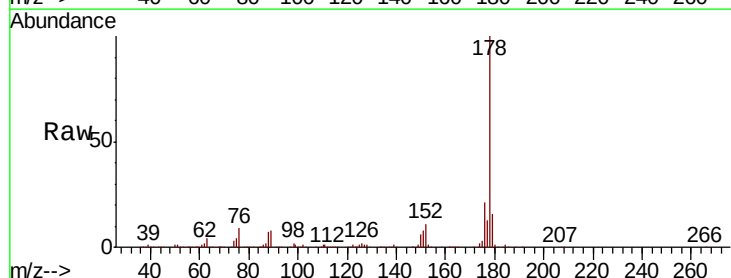
Tgt Ion:178 Resp: 994290

Ion Ratio Lower Upper

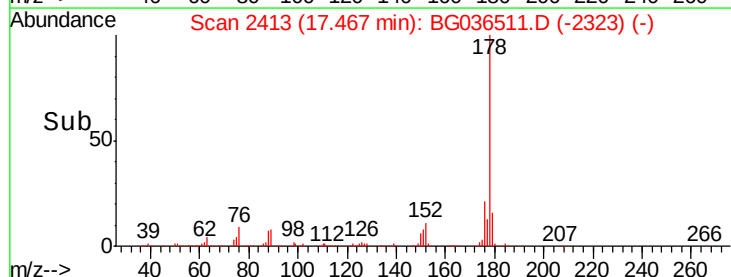
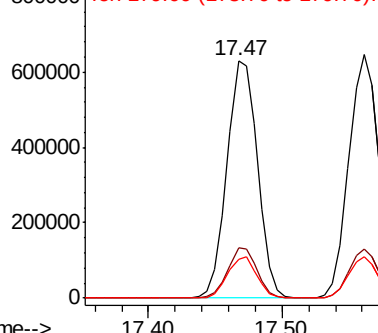
178 100

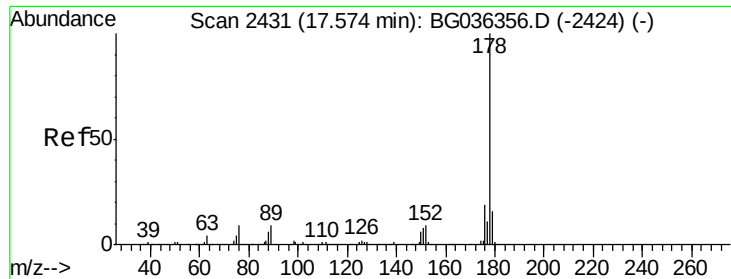
176 21.0 15.4 23.2

179 16.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

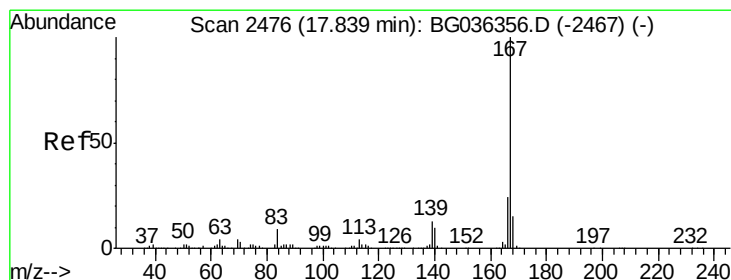
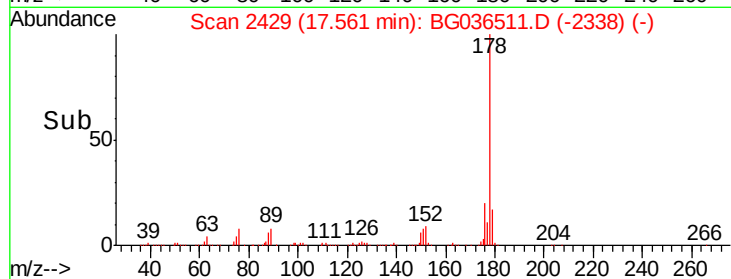
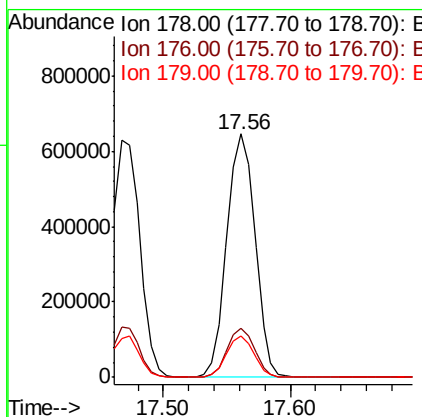
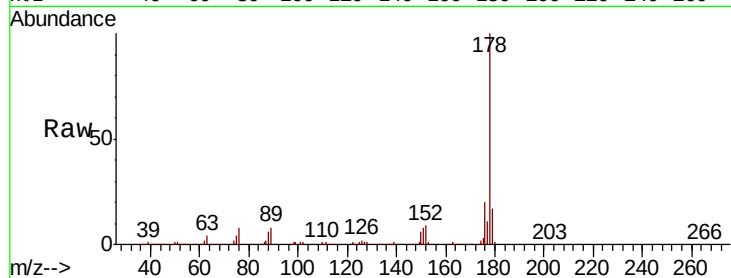




#71
 Anthracene
 Concen: 47.537 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

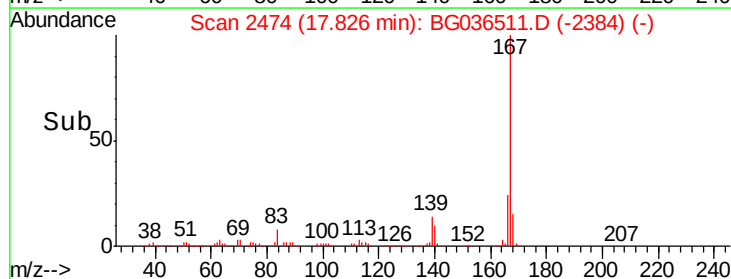
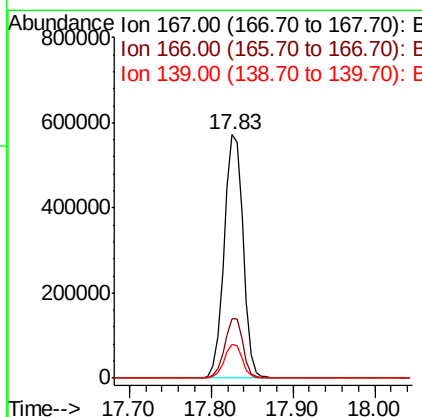
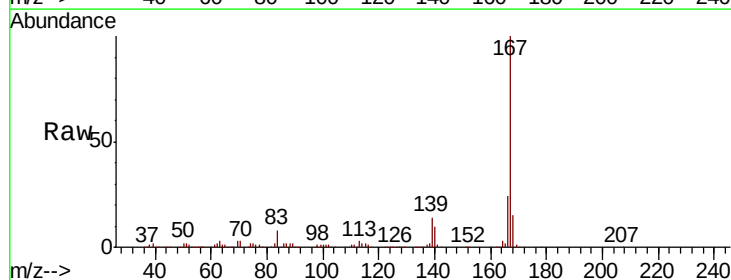
Instrument :
 BNA_G
 ClientSampled :

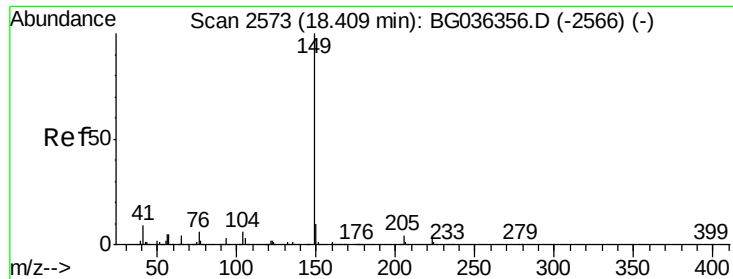
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.0	13.0	19.4



#72
 Carbazole
 Concen: 43.958 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.8	10.7	16.1





#73

Di-n-butylphthalate

Concen: 44.236 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampled :

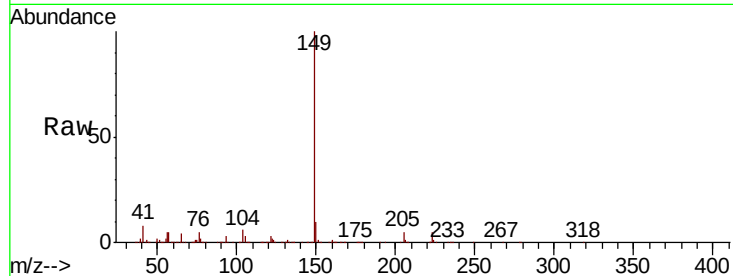
Tot Ion:149 Resp: 1033806

Ion Ratio Lower Upper

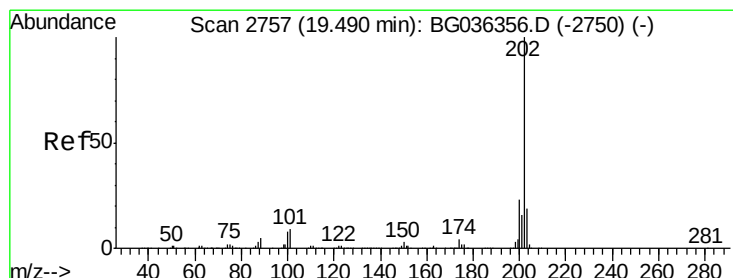
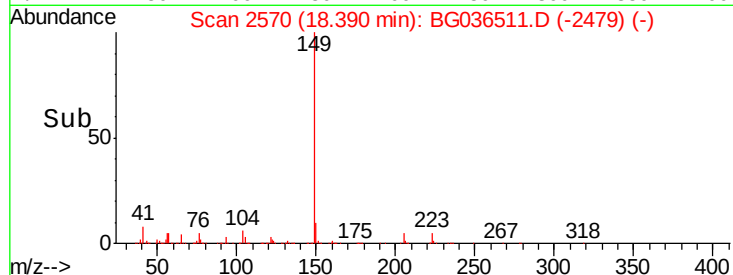
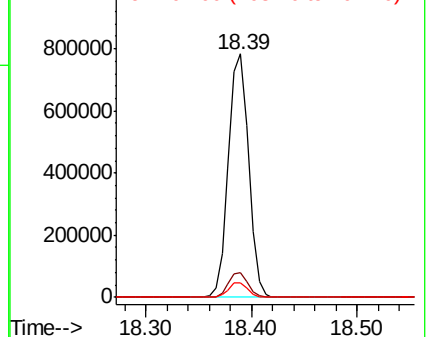
149 100

150 10.0 8.1 12.1

104 6.1 4.6 6.8



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



#74

Fluoranthene

Concen: 48.107 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

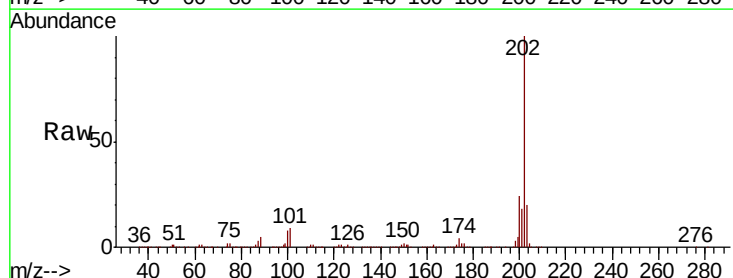
Tgt Ion:202 Resp: 1236466

Ion Ratio Lower Upper

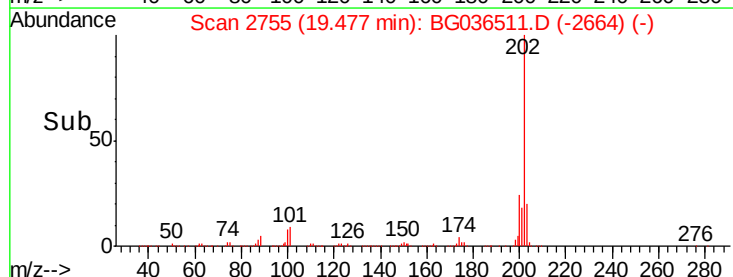
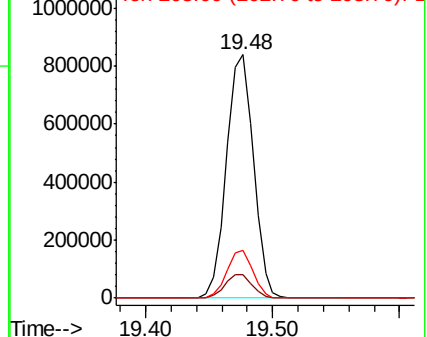
202 100

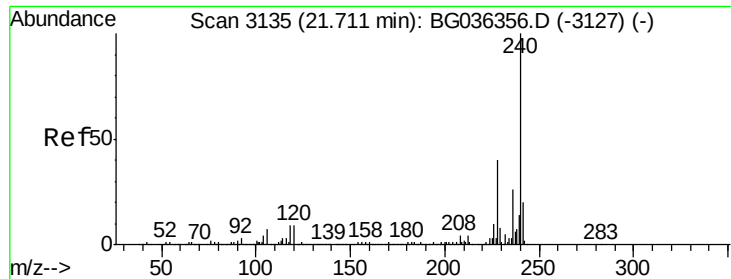
101 9.4 0.0 29.4

203 19.8 0.0 38.9



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

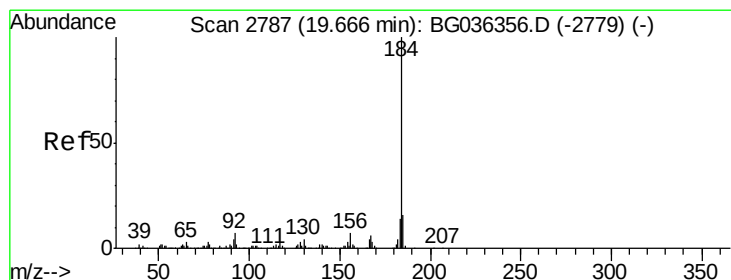
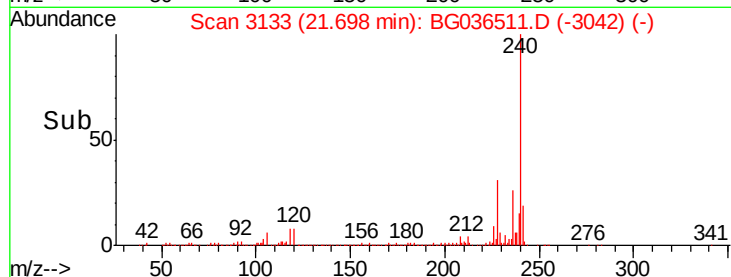
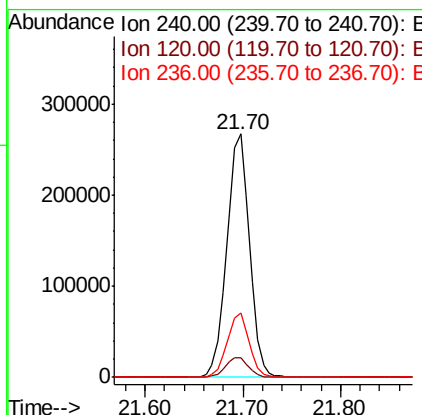
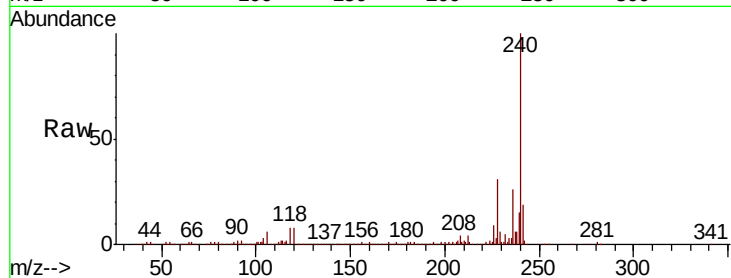




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

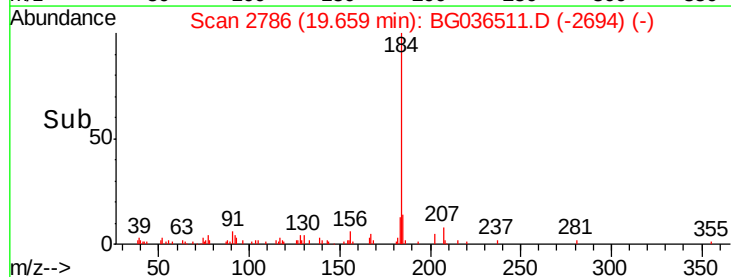
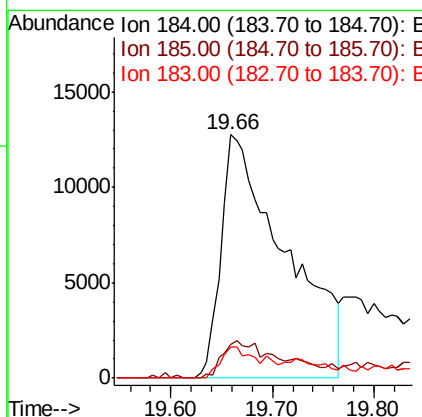
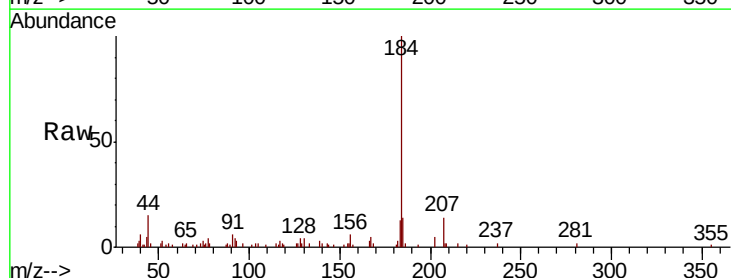
Instrument :
BNA_G
ClientSampleId :

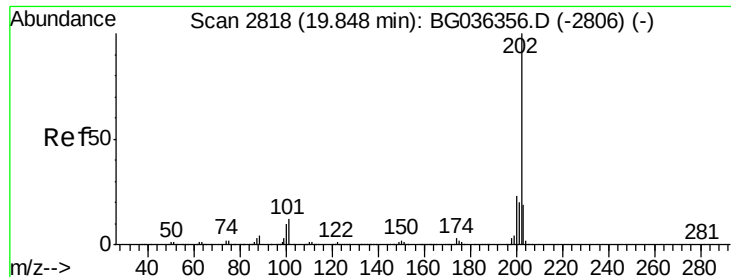
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	26.3	21.2	31.8



#76
Benzidine
Concen: 4.095 ng
RT: 19.66 min Scan# 2786
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	12.8	10.9	16.3

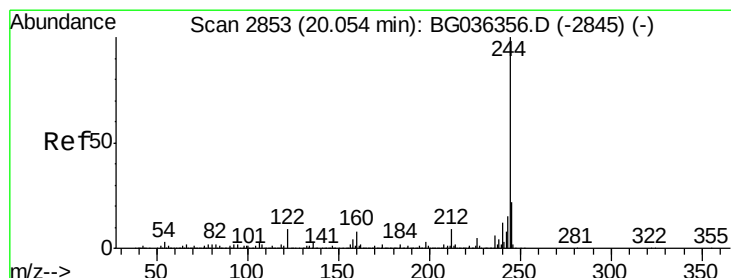
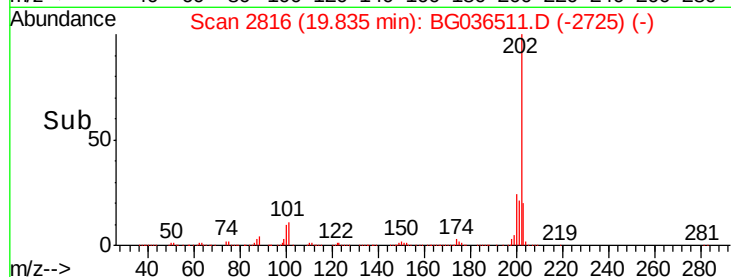
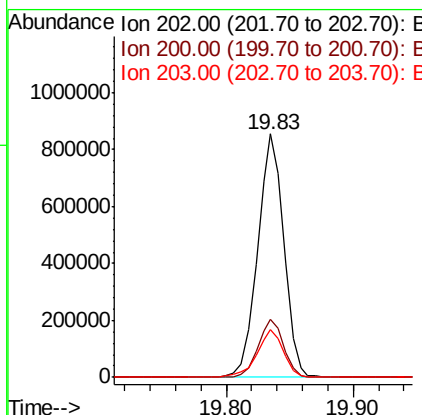
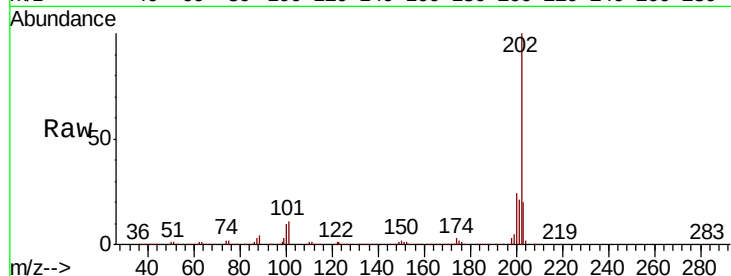




#77
Pvrene
Concen: 46.428 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

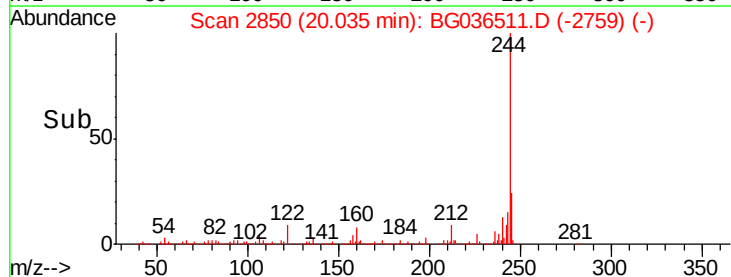
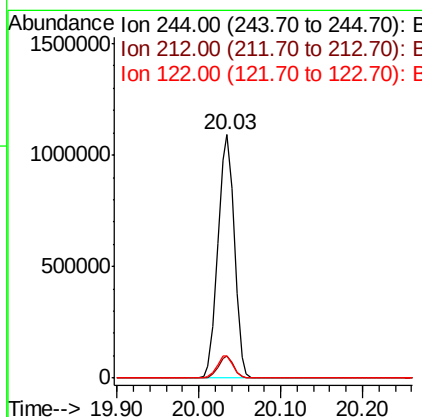
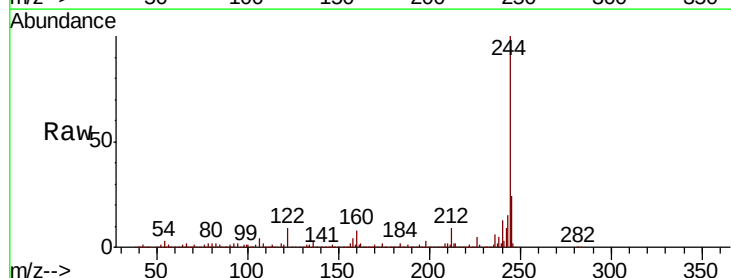
Instrument :
BNA_G
ClientSampled :

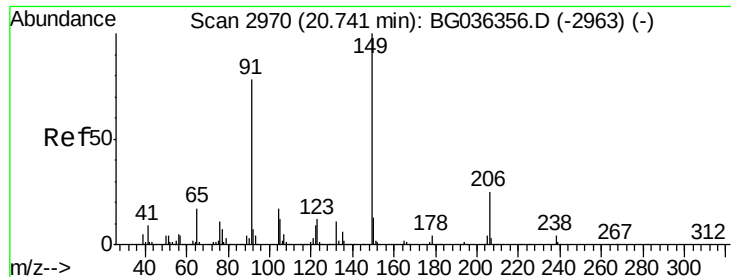
Tot Ion:202 Resp: 1226845
Ion Ratio Lower Upper
202 100
200 23.8 18.3 27.5
203 19.6 15.1 22.7



#78
Terphenyl-d14
Concen: 83.121 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:244 Resp: 1528144
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.6
122 9.4 7.1 10.7

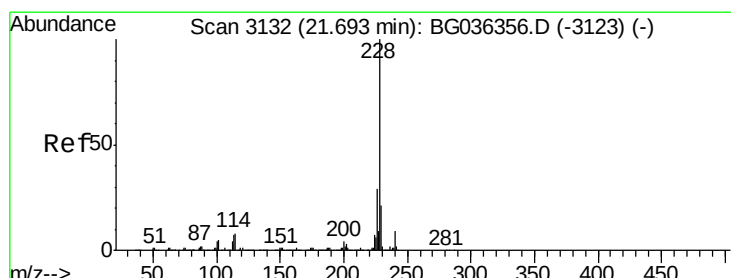
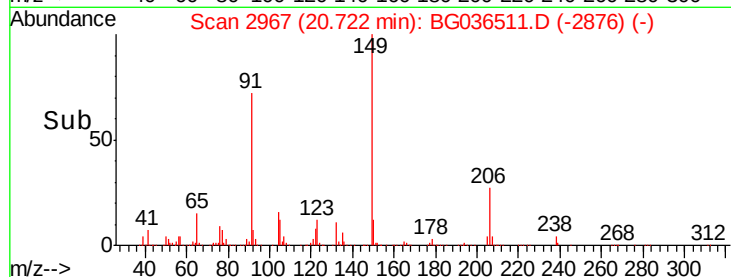
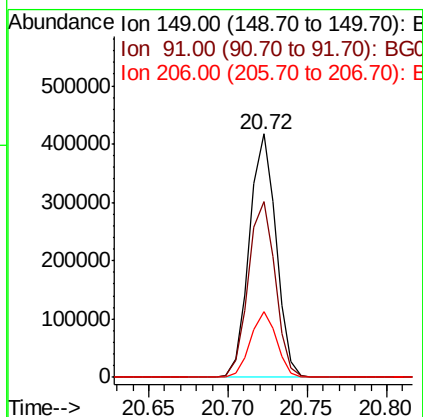
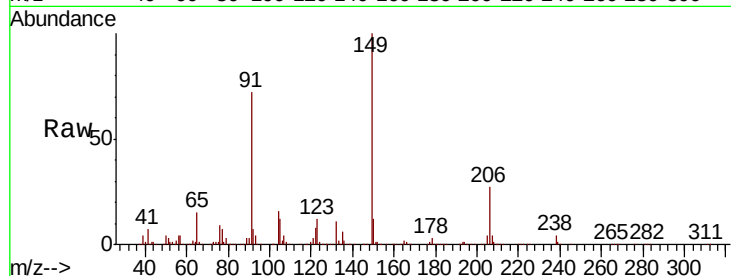




#79
Butylbenzylphthalate
Concen: 46.469 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

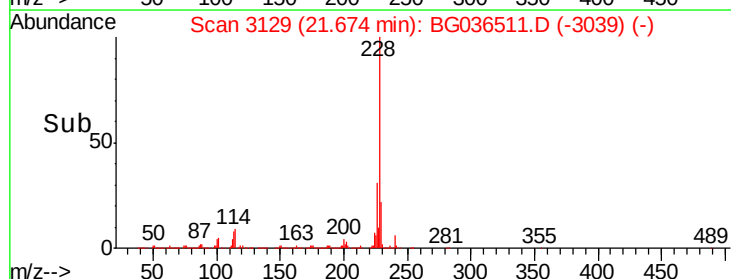
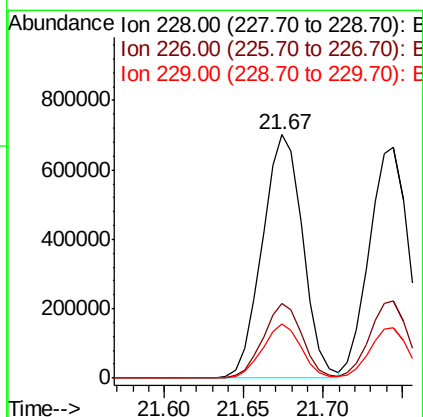
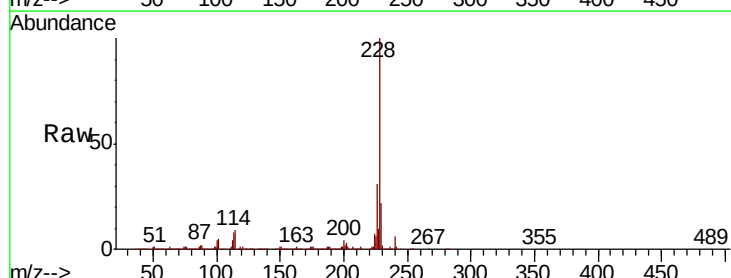
Instrument :
BNA_G
ClientSampled :

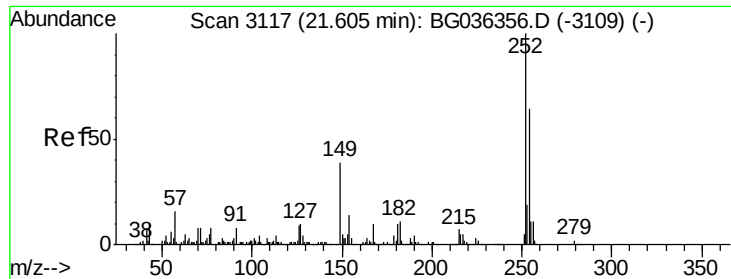
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	26.8	19.6	29.4



#80
Benzo(a)anthracene
Concen: 47.850 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.2	17.1	25.7

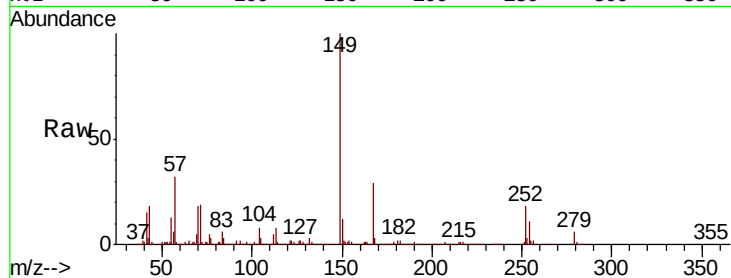




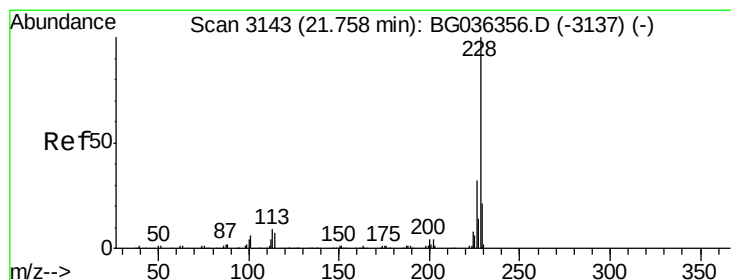
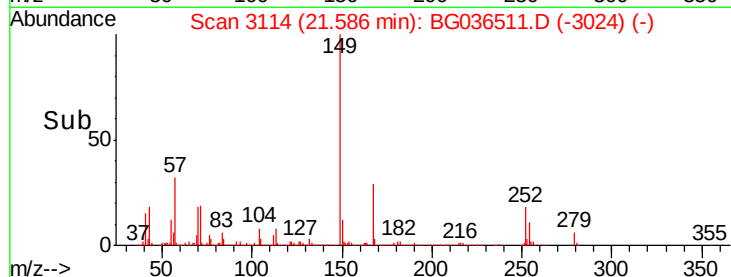
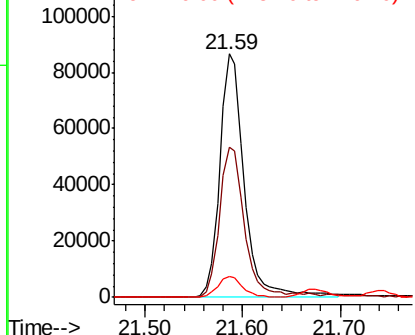
#81
 3,3'-Dichlorobenzidine
 Concen: 14.542 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 150875
 Ion Ratio Lower Upper
 252 100
 254 61.9 51.0 76.4
 126 8.8 7.4 11.0

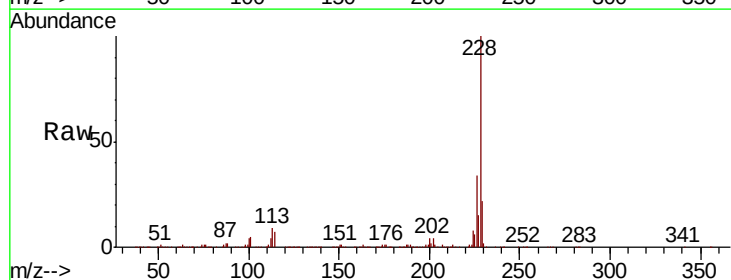


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

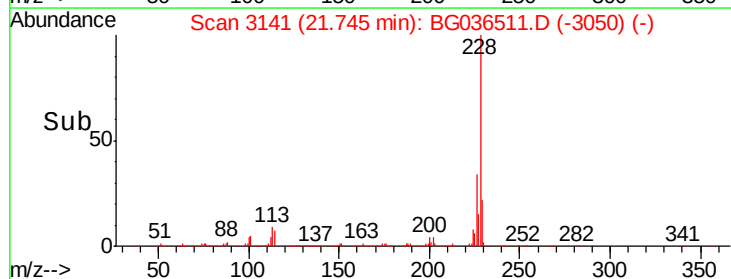
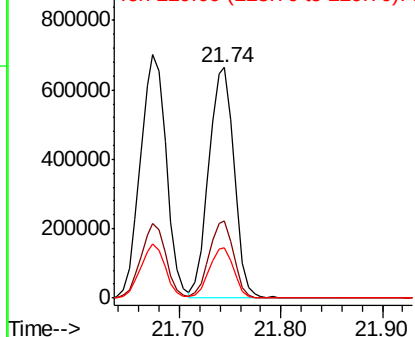


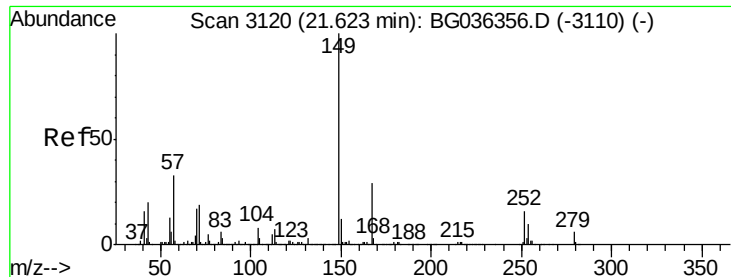
#82
 Chrysene
 Concen: 46.661 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion:228 Resp: 1151372
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.5 38.3
 229 21.7 16.9 25.3



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

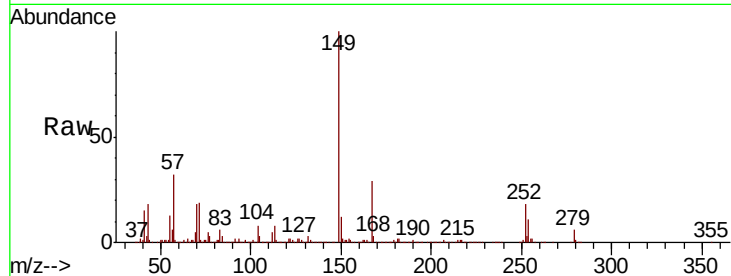




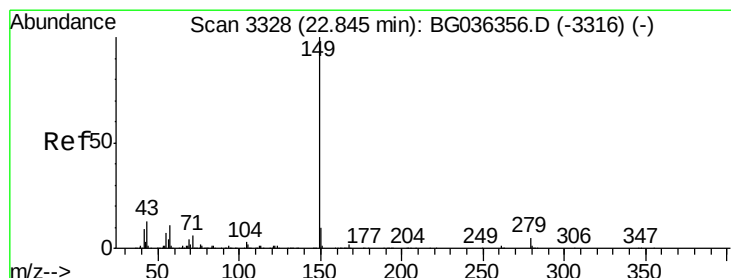
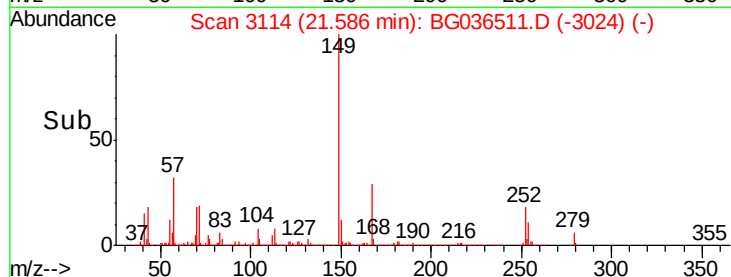
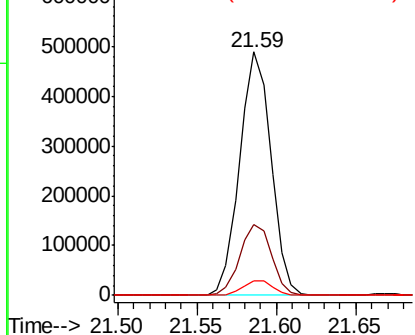
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.801 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 674001
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.4 35.0
 279 5.9 4.6 7.0

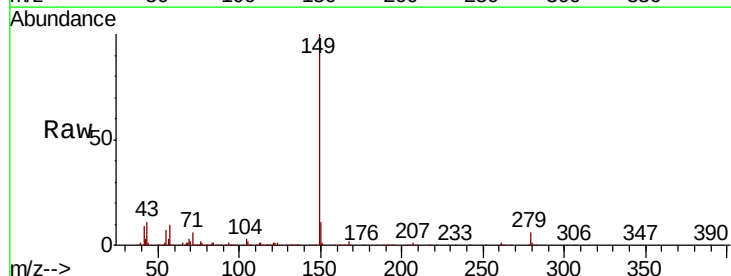


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

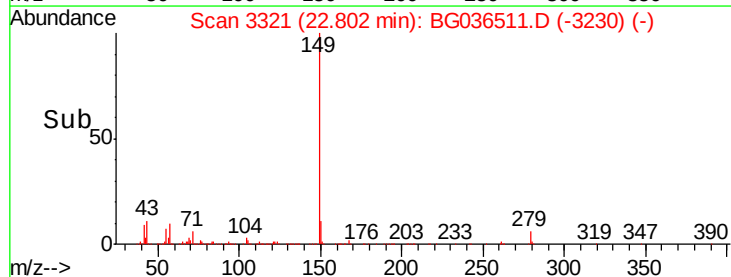
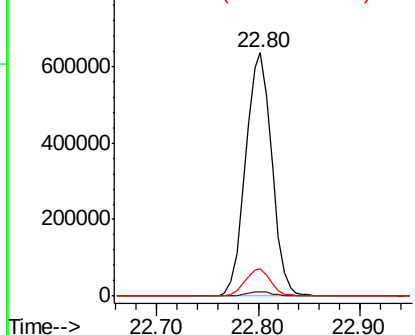


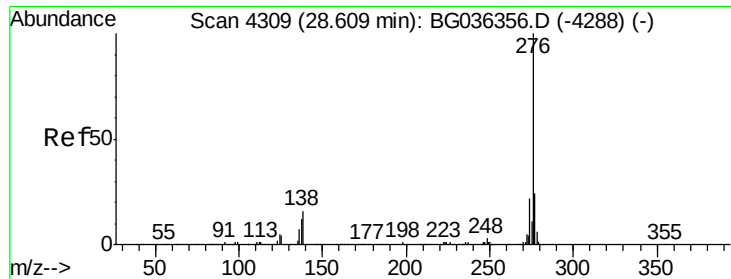
#84
 Di-n-octyl phthalate
 Concen: 46.182 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion:149 Resp: 1135158
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

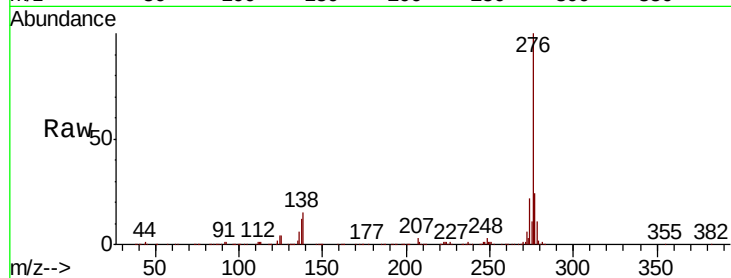




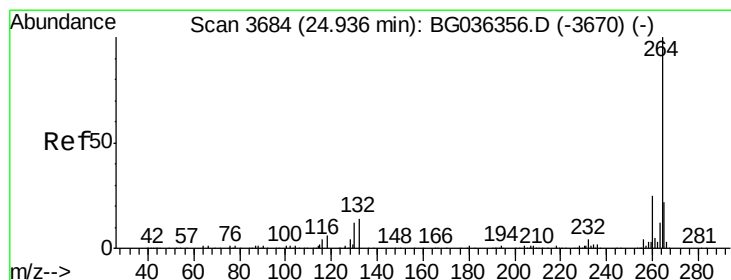
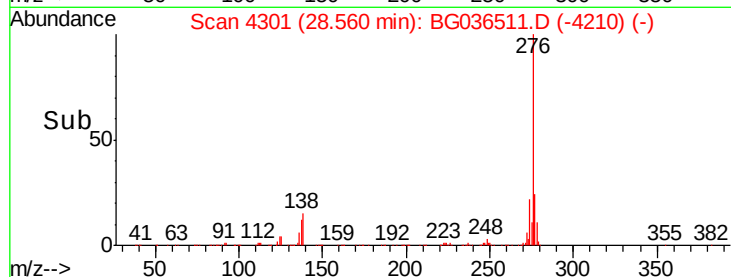
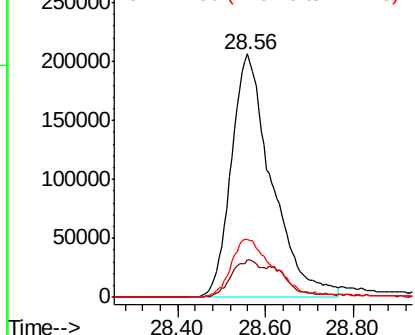
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.218 ng
RT: 28.56 min Scan# 4301
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 1295947
Ion Ratio Lower Upper
276 100
138 12.0 10.6 15.8
277 25.5 20.6 30.8

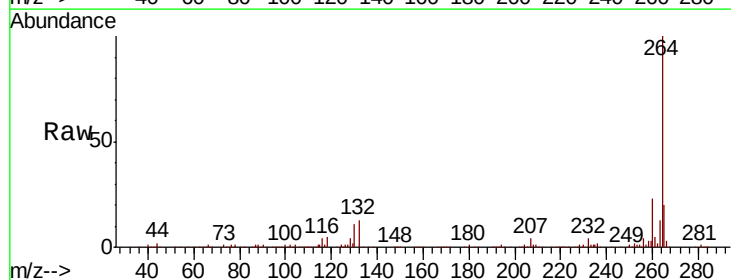


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

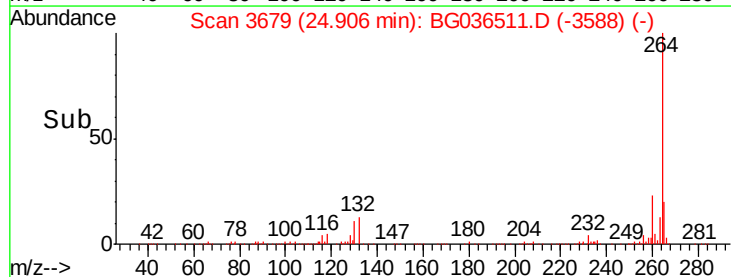
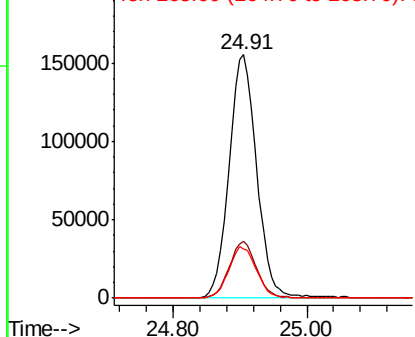


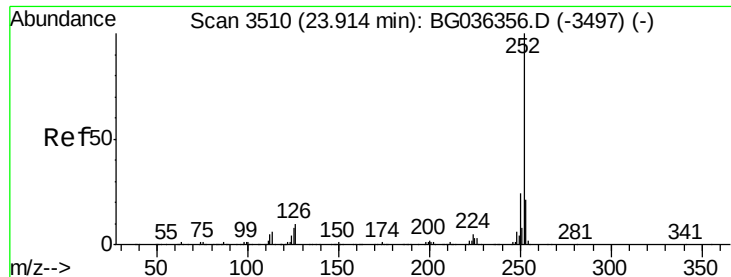
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:264 Resp: 449408
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 20.3 17.4 26.0



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

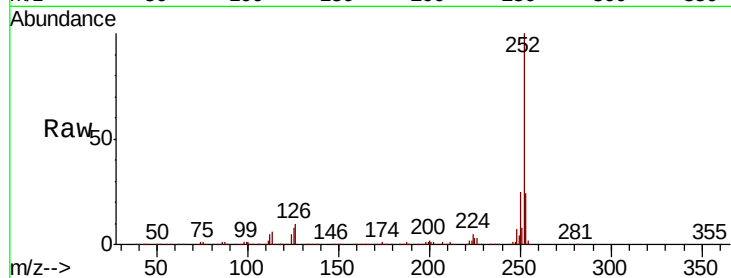




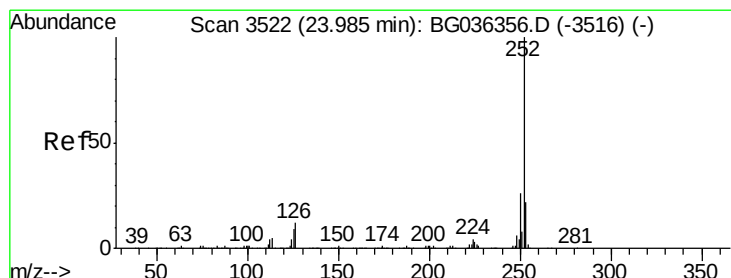
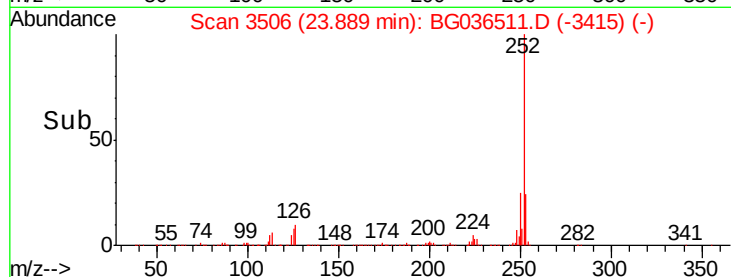
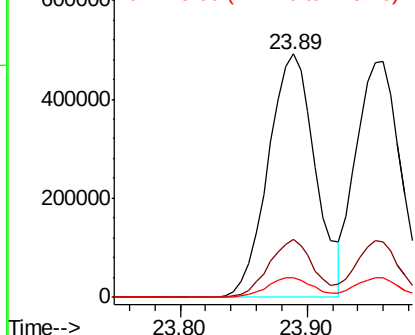
#87
Benzo(b)fluoranthene
Concen: 50.959 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1271704
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 7.8 6.6 10.0

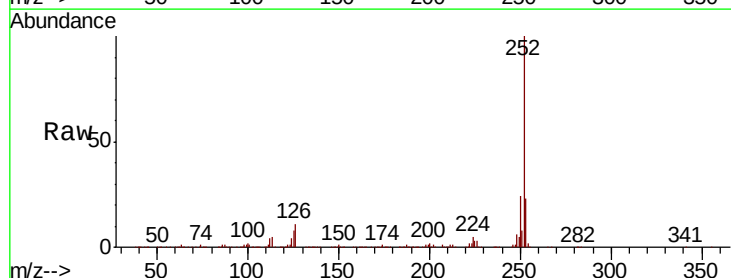


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

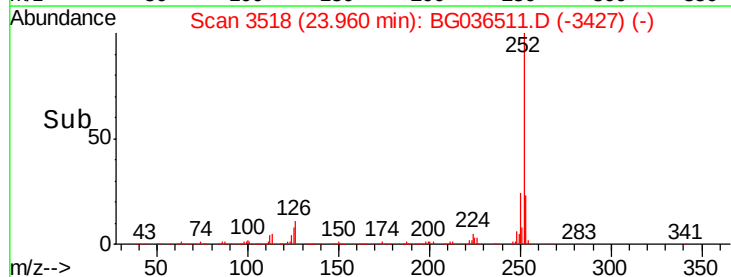
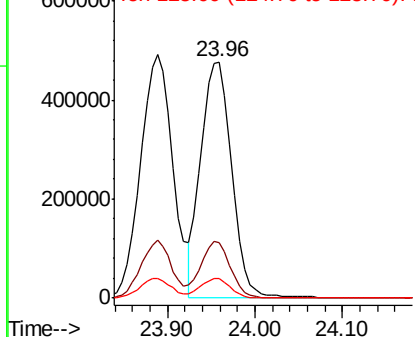


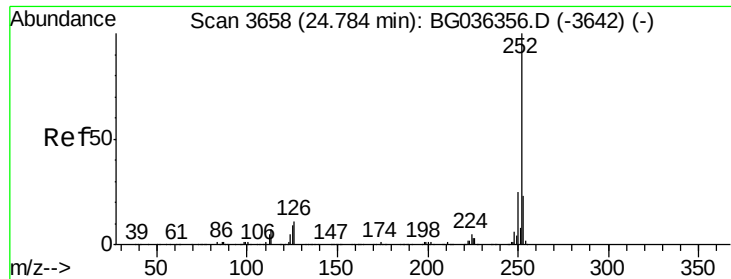
#88
Benzo(k)fluoranthene
Concen: 47.990 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:252 Resp: 1170028
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 8.2 7.0 10.6



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

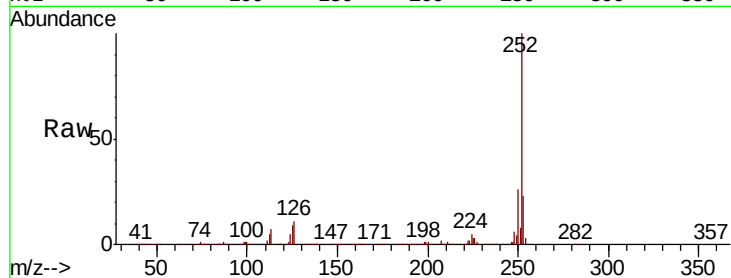




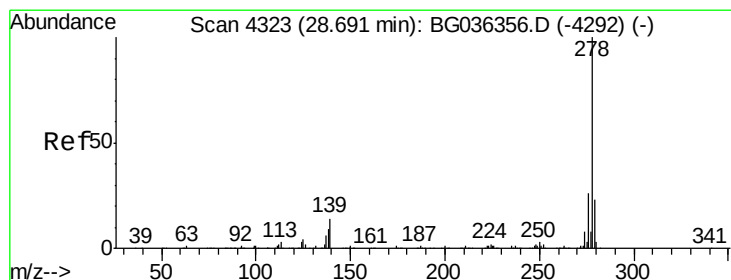
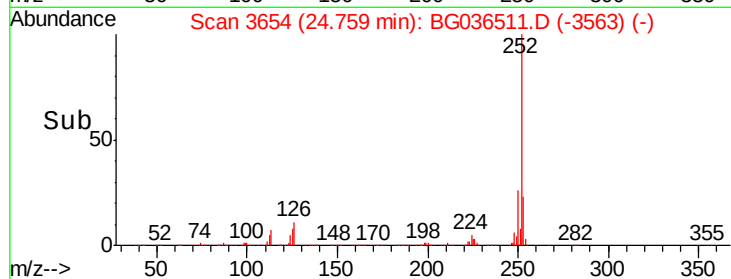
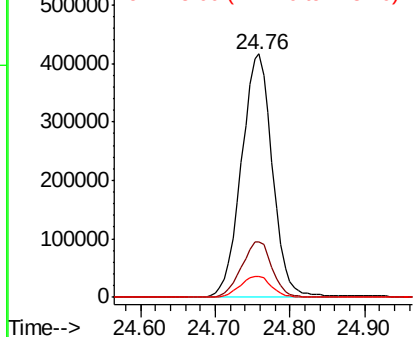
#89
Benzo(a)pyrene
Concen: 49.938 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1197541
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.5 7.3 10.9

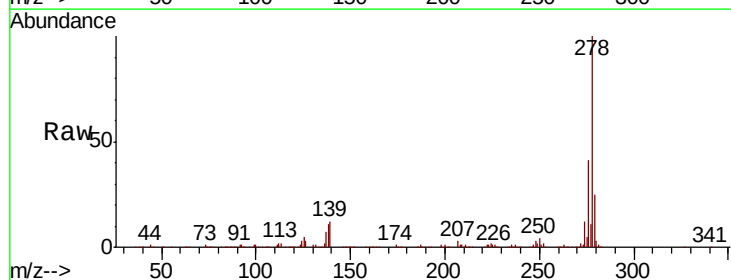


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

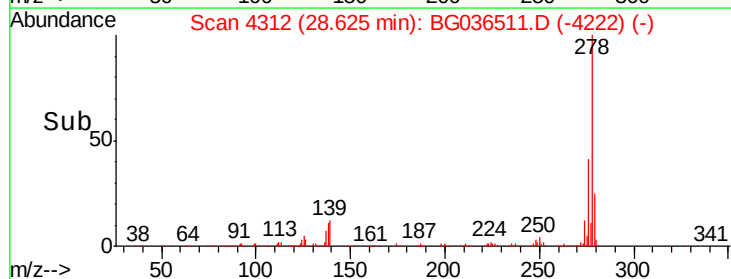
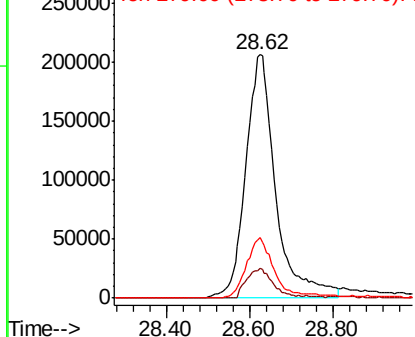


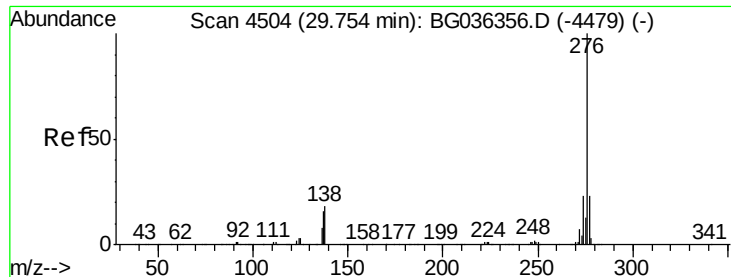
#90
Dibenzo(a,h)anthracene
Concen: 44.729 ng
RT: 28.62 min Scan# 4312
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:278 Resp: 1035523
Ion Ratio Lower Upper
278 100
139 12.3 11.0 16.4
279 24.7 18.7 28.1



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





#91

Benzo(a,h,i)perylene

Concen: 43.937 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

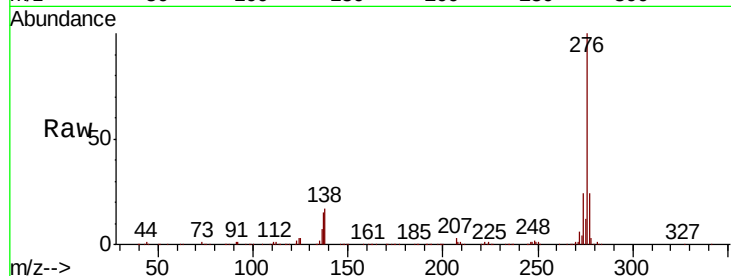
Tot Ion:276 Resp: 1022173

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 16.7 14.6 22.0



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

