

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036827.D
 Acq On : 19 Sep 2018 19:58
 Operator : JU/SJ
 Sample : J4772-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 07:06:07 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	8.05	152	56960	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	236249	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	156891	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	394778	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	386274	20.00	ng	0.00
86) Perylene-d12	24.89	264	404764	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	361991	100.81	ng	0.00
7) Phenol-d6	7.21	99	466818	90.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	356060	81.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	237067	126.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	763473	69.48	ng	-0.02
78) Terphenyl-d14	20.02	244	1314361	79.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	52455	31.302	ng	# 86
3) Pyridine	3.94	79	151175	32.139	ng	99
4) n-Nitrosodimethylamine	3.84	42	87855	41.934	ng	100
6) Aniline	7.37	93	83146	12.741	ng	95
8) 2-Chlorophenol	7.61	128	168730	43.331	ng	94
9) Benzaldehyde	7.18	77	69085	19.514	ng	98
10) Phenol	7.24	94	203223	37.773	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	170662	40.012	ng	97
12) 1,3-Dichlorobenzene	7.94	146	175812	39.541	ng	97
13) 1,4-Dichlorobenzene	8.08	146	179657	40.020	ng	97
14) 1,2-Dichlorobenzene	8.40	146	173030	40.360	ng	99
15) Benzyl Alcohol	8.29	79	175556	42.359	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	338224	39.321	ng	100
17) 2-Methylphenol	8.49	107	154287	43.189	ng	98
18) Hexachloroethane	9.13	117	68102	42.312	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	149005	38.781	ng	96
20) 3+4-Methylphenols	8.82	107	214265	42.960	ng	98
22) Acetophenone	8.87	105	268521	43.283	ng	# 99
24) Nitrobenzene	9.25	77	220888	47.044	ng	97
25) Isophorone	9.78	82	411341	47.554	ng	98
26) 2-Nitrophenol	9.96	139	97972	52.656	ng	95
27) 2,4-Dimethylphenol	10.02	122	172171	49.981	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	239701	45.152	ng	97
29) 2,4-Dichlorophenol	10.50	162	189362	50.159	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	189034	42.803	ng	99
31) Naphthalene	10.90	128	549315	46.513	ng	100
32) Benzoic acid	10.12	122	26620	13.930	ng	95
33) 4-Chloroaniline	11.01	127	19433	3.591	ng	# 95
34) Hexachlorobutadiene	11.19	225	129900	43.777	ng	98
35) Caprolactam	11.79	113	49245	32.745	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	213715	48.719	ng	98
37) 2-Methylnaphthalene	12.50	142	419809	48.582	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242122	43.608	ng	99
40) Hexachlorocyclopentadiene	12.85	237	242215	83.846	ng	98

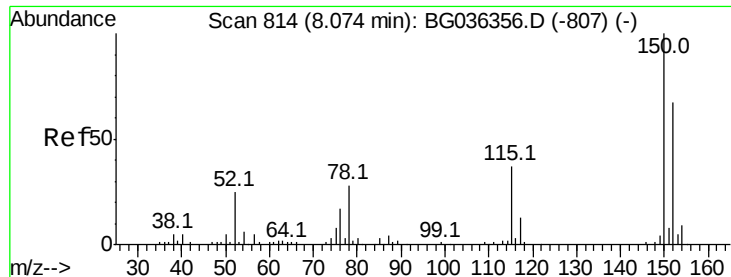
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	163657	48.389	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	176983	49.061	ng	98
45) 1,1'-Biphenyl	13.51	154	543286	41.717	ng	100
46) 2-Chloronaphthalene	13.55	162	422822	42.528	ng	99
47) 2-Nitroaniline	13.75	65	160673	51.465	ng	98
48) Acenaphthylene	14.39	152	715785	46.067	ng	99
49) Dimethylphthalate	14.13	163	580825	45.338	ng	99
50) 2,6-Dinitrotoluene	14.25	165	130266	49.415	ng	98
51) Acenaphthene	14.74	154	421240	42.331	ng	100
52) 3-Nitroaniline	14.58	138	48068	16.921	ng	94
53) 2,4-Dinitrophenol	14.78	184	18493	18.520	ng	95
54) Dibenzofuran	15.07	168	681918	43.740	ng	99
55) 4-Nitrophenol	14.88	139	161957	69.727	ng	97
56) 2,4-Dinitrotoluene	15.03	165	182453	53.105	ng	92
57) Fluorene	15.72	166	551381	47.310	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169682	50.064	ng	95
59) Diethylphthalate	15.49	149	576439	44.648	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	318137	44.206	ng	98
61) 4-Nitroaniline	15.74	138	136071	45.773	ng	97
62) Azobenzene	16.00	77	572063	43.548	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	35431	20.431	ng	99
65) n-Nitrosodiphenylamine	15.93	169	504399	43.000	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	212236	45.918	ng	99
67) Hexachlorobenzene	16.73	284	209558	44.340	ng	97
68) Atrazine	16.87	200	215160	48.868	ng	97
69) Pentachlorophenol	17.07	266	136924	42.628	ng	97
70) Phenanthrene	17.46	178	923386	46.032	ng	99
71) Anthracene	17.55	178	940593	47.039	ng	99
72) Carbazole	17.82	167	820337	41.079	ng	99
73) Di-n-butylphthalate	18.37	149	948633	42.659	ng	99
74) Fluoranthene	19.46	202	1109606	45.369	ng	99
76) Benzidine	19.65	184	110282	8.949	ng	99
77) Pyrene	19.83	202	1093383	46.030	ng	99
79) Butylbenzylphthalate	20.71	149	437128	46.241	ng	94
80) Benzo(a)anthracene	21.67	228	1095008	46.793	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	146440	15.702	ng	96
82) Chrysene	21.73	228	1020875	46.025	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	584826	44.210	ng	99
84) Di-n-octyl phthalate	22.77	149	991462	44.872	ng	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1198470	46.519	ng	# 97
87) Benzo(b)fluoranthene	23.88	252	1077804	47.952	ng	97
88) Benzo(k)fluoranthene	23.94	252	1046953	47.678	ng	98
89) Benzo(a)pyrene	24.74	252	1047071	48.479	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	998486	47.887	ng	98
91) Benzo(g,h,i)perylene	29.68	276	974129	46.490	ng	97

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

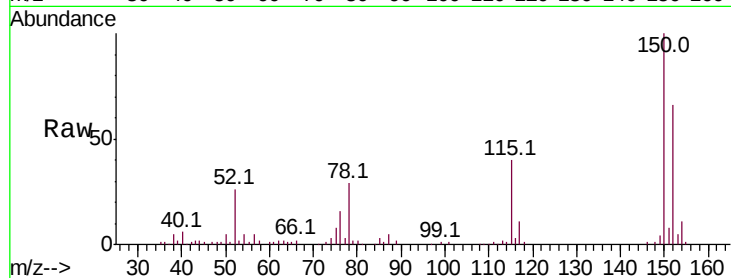


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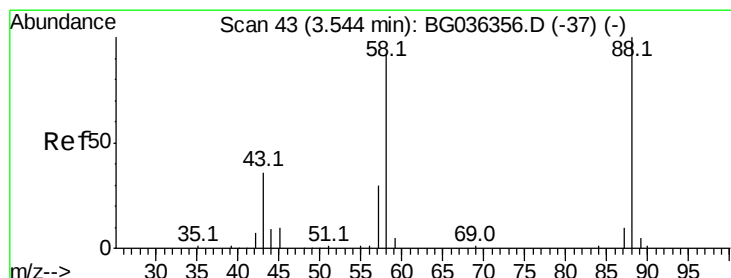
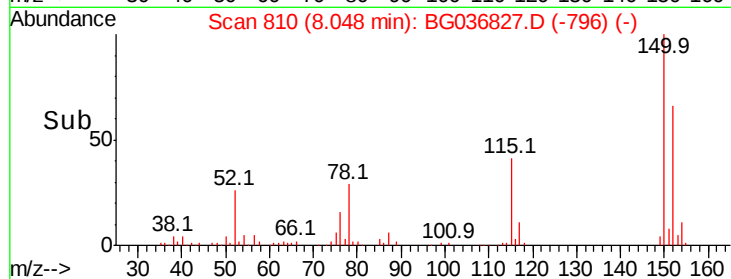
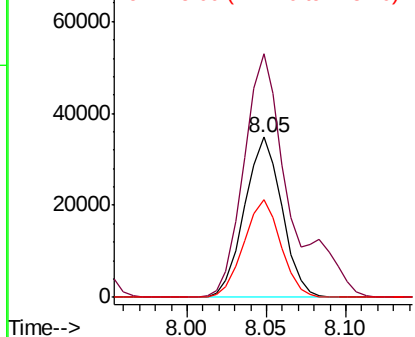
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56960
 Ion Ratio Lower Upper
 152 100
 150 152.0 119.5 179.3
 115 61.2 44.5 66.7



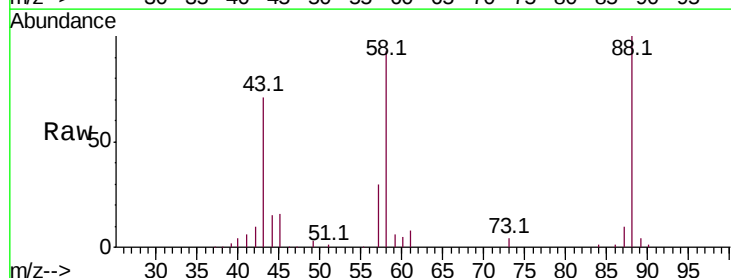
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



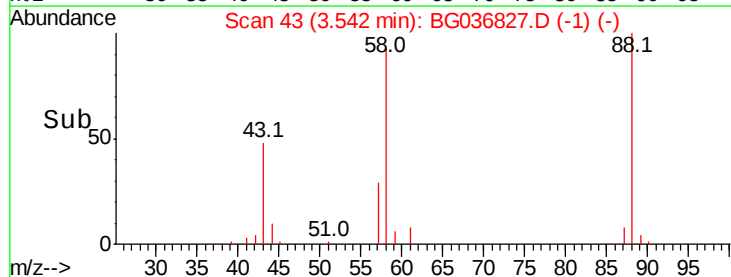
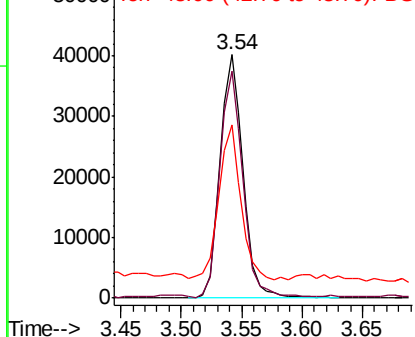
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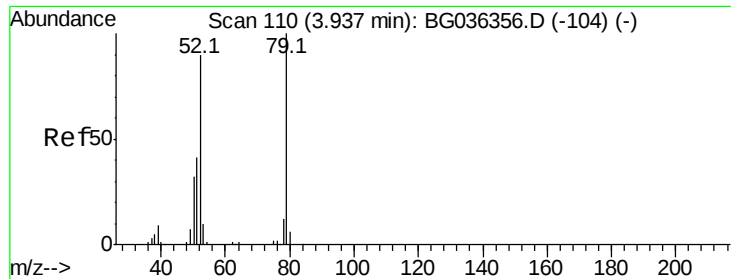
1,4-Dioxane
 Concen: 31.302 ng
 RT: 3.54 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion: 88 Resp: 52455
 Ion Ratio Lower Upper
 88 100
 58 93.1 72.6 109.0
 43 60.7 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: 32.139 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

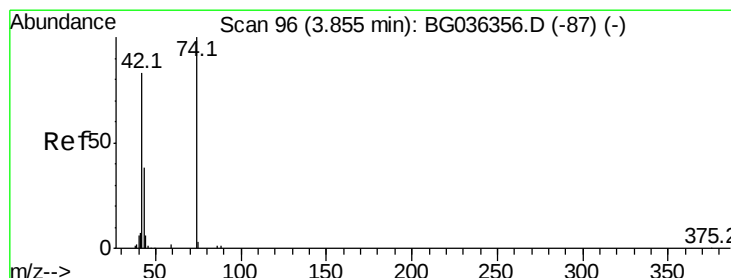
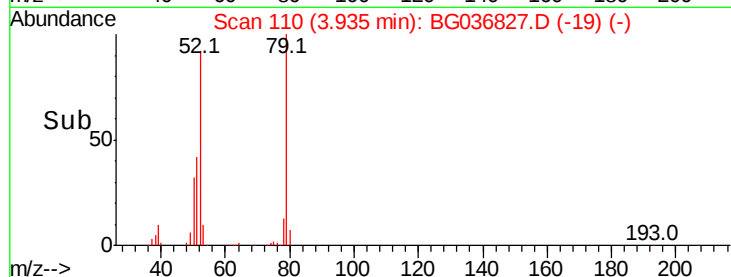
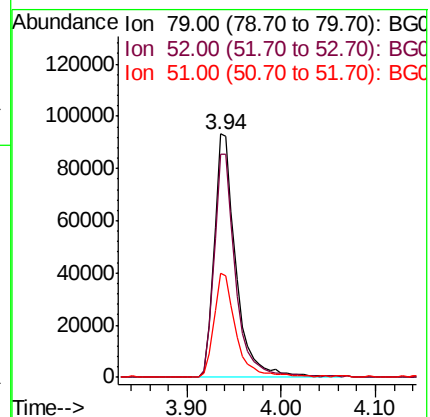
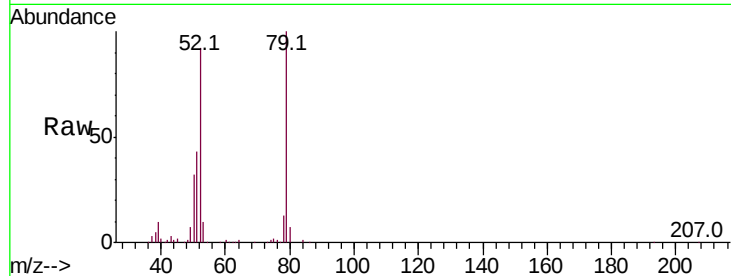
Tot Ion: 79 Resp: 151175

Ion Ratio Lower Upper

79 100

52 91.9 72.3 108.5

51 42.9 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 41.934 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

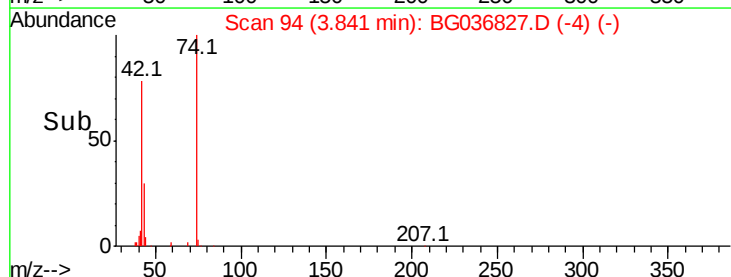
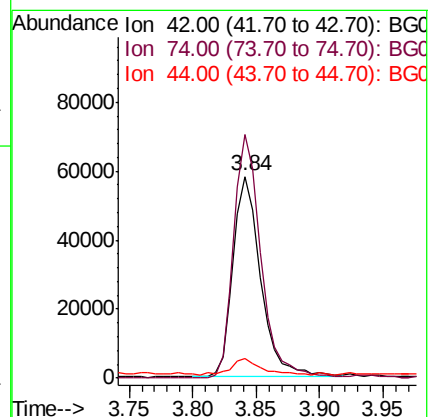
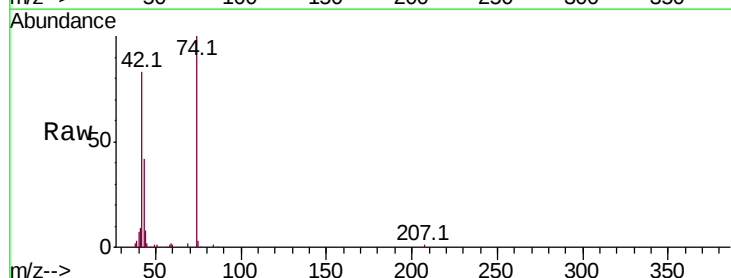
Tgt Ion: 42 Resp: 87855

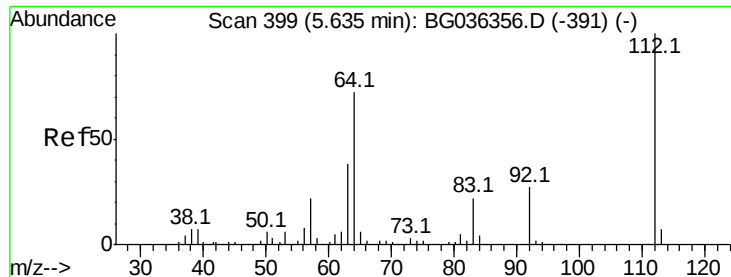
Ion Ratio Lower Upper

42 100

74 120.9 96.6 145.0

44 9.6 7.0 10.4





#5

2-Fluorophenol

Concen: 100.812 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampled :

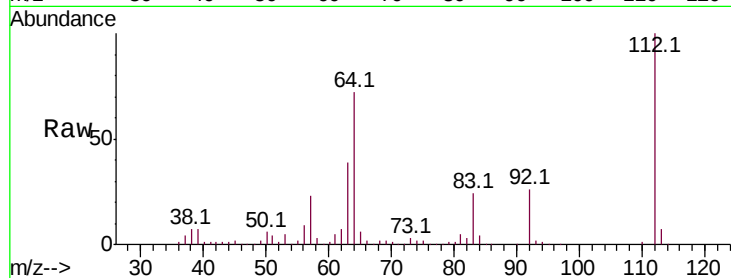
Tot Ion:112 Resp: 361991

Ion Ratio Lower Upper

112 100

64 71.6 57.2 85.8

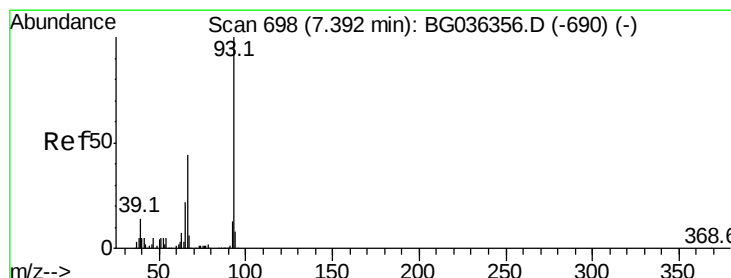
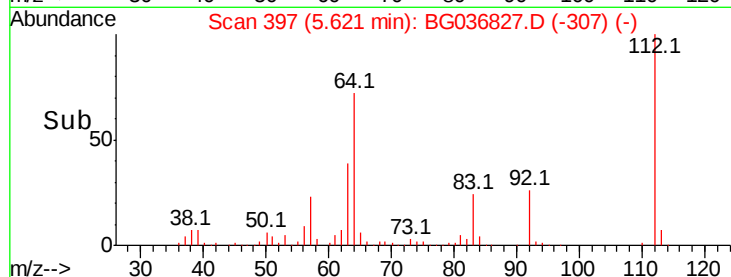
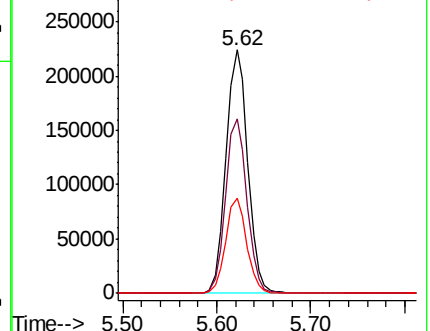
63 38.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.741 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

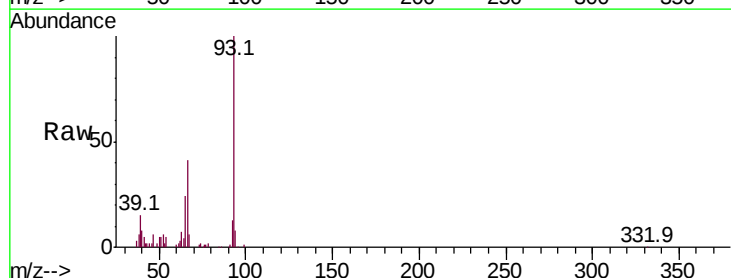
Tgt Ion: 93 Resp: 83146

Ion Ratio Lower Upper

93 100

66 40.5 35.0 52.4

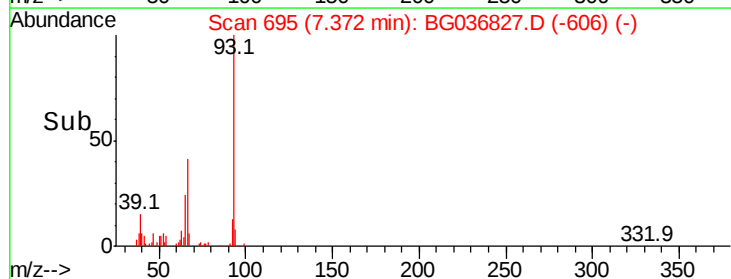
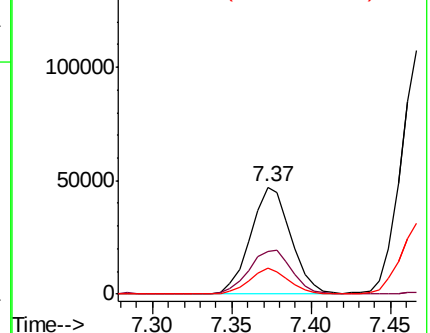
65 24.4 17.6 26.4

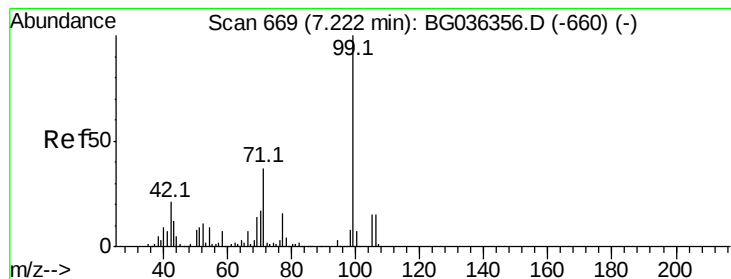


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.802 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

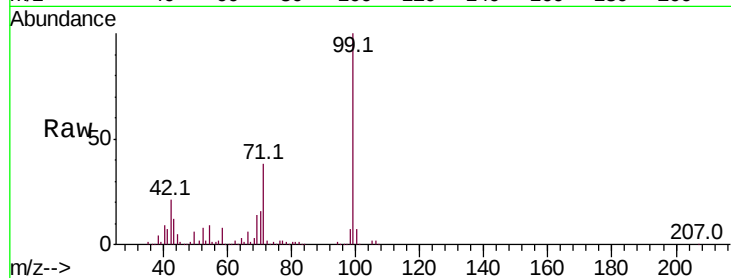
Tot Ion: 99 Resp: 466818

Ion Ratio Lower Upper

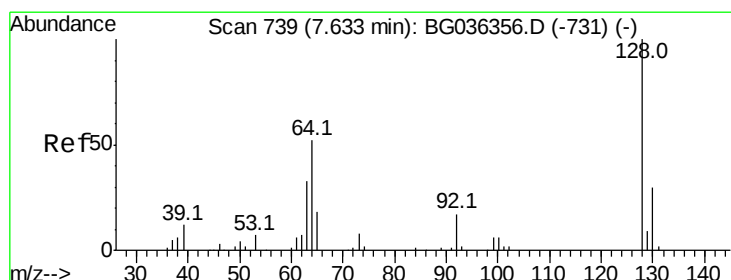
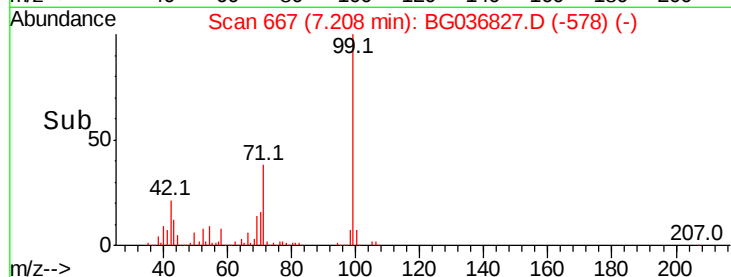
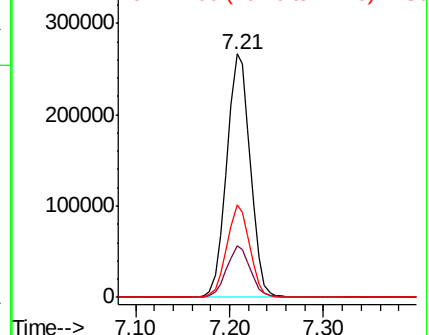
99 100

42 21.1 16.5 24.7

71 38.0 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: 43.331 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

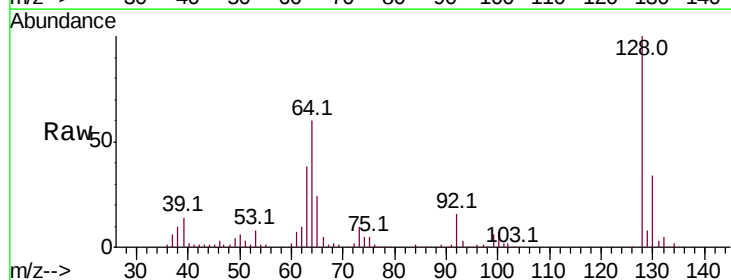
Tgt Ion: 128 Resp: 168730

Ion Ratio Lower Upper

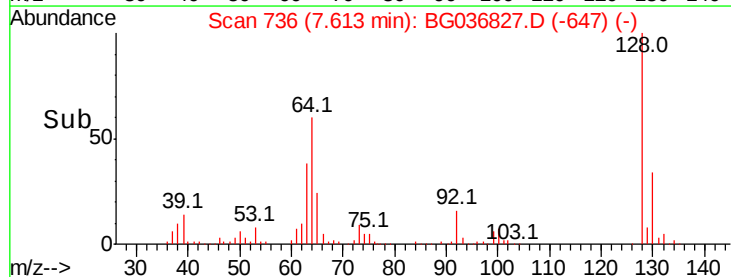
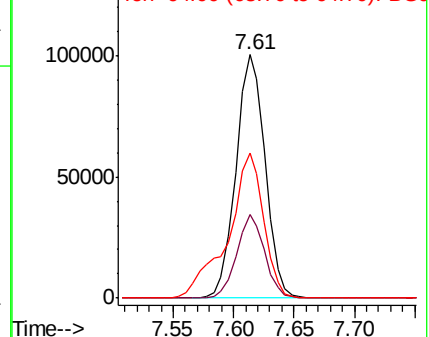
128 100

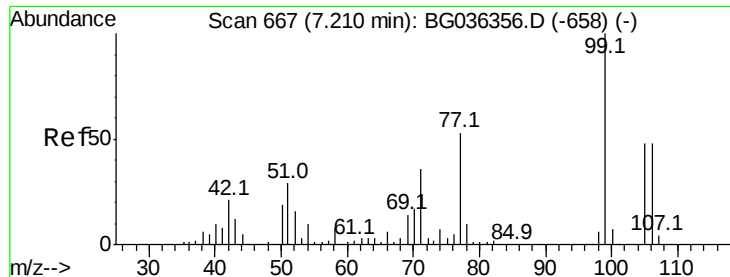
130 34.5 10.0 50.0

64 59.5 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: 19.514 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampled :

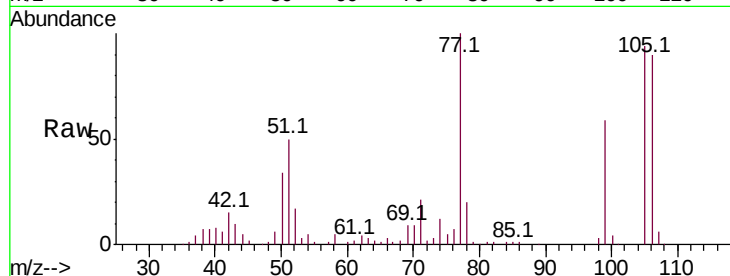
Tot Ion: 77 Resp: 69085

Ion Ratio Lower Upper

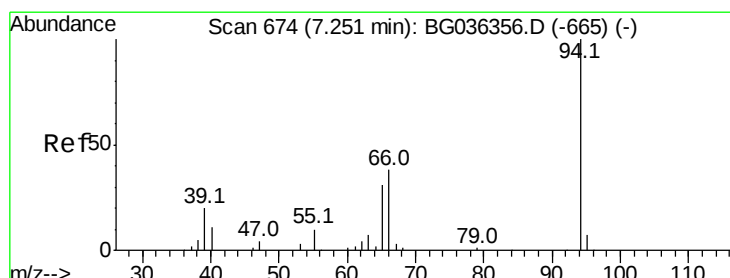
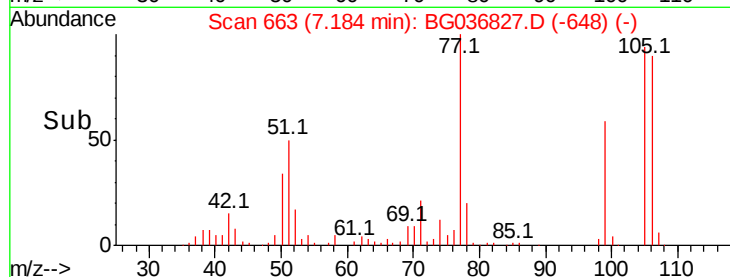
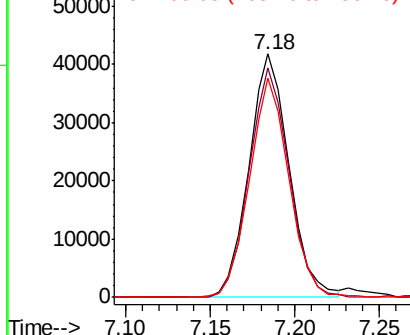
77 100

105 94.2 70.5 110.5

106 89.8 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: 37.773 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

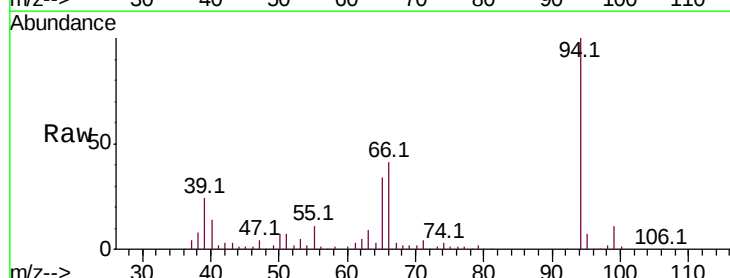
Tgt Ion: 94 Resp: 203223

Ion Ratio Lower Upper

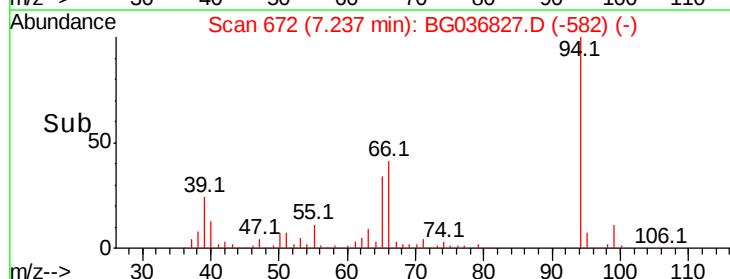
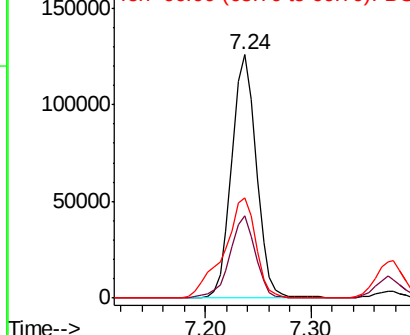
94 100

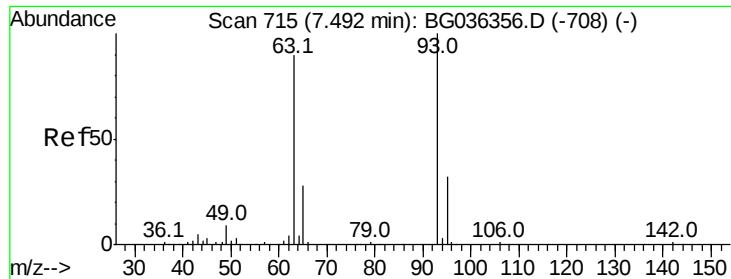
65 33.7 11.5 51.5

66 41.4 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: 40.012 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

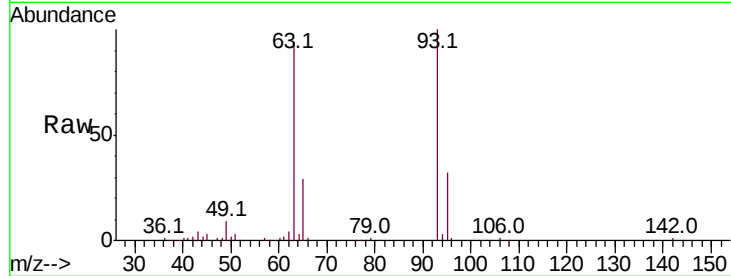
Tot Ion: 93 Resp: 170662

Ion Ratio Lower Upper

93 100

63 94.2 69.9 109.9

95 31.5 11.7 51.7

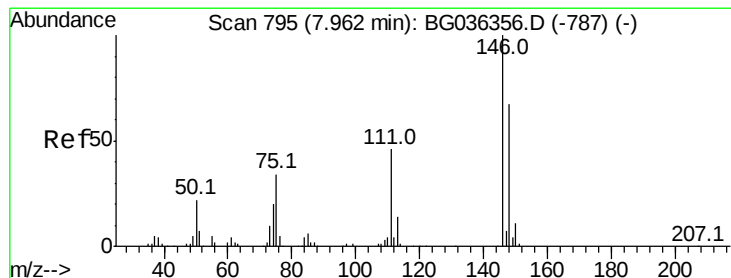
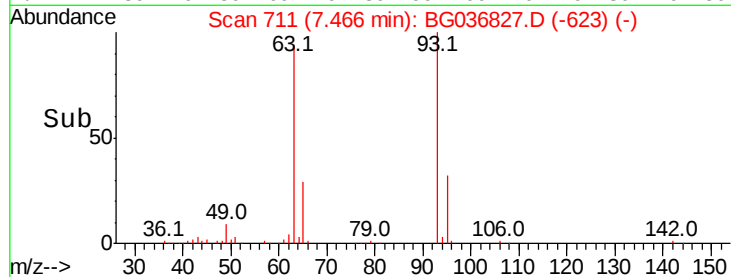
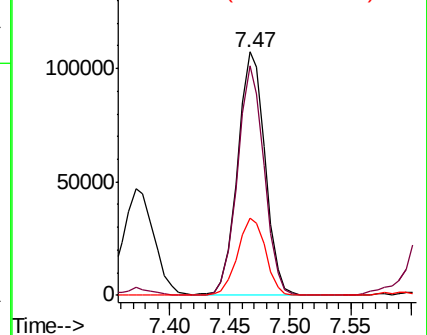


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.541 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

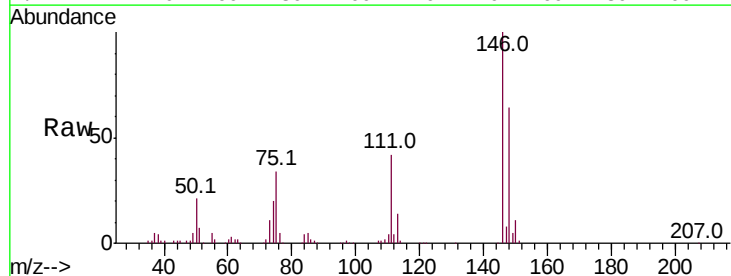
Tgt Ion: 146 Resp: 175812

Ion Ratio Lower Upper

146 100

148 64.2 53.8 80.6

75 34.1 27.2 40.8

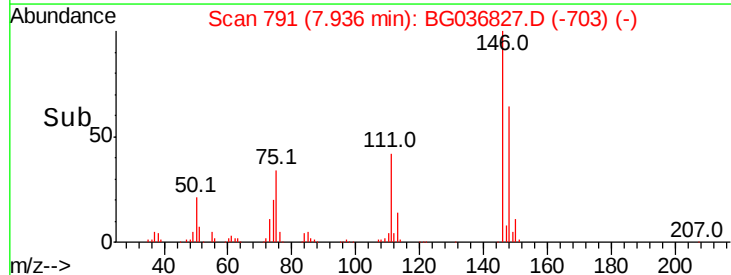
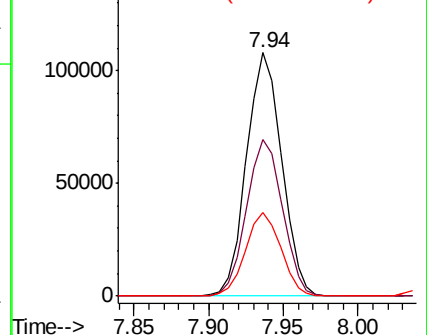


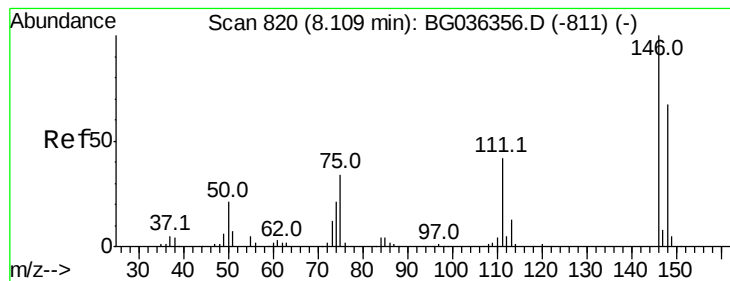
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.020 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampled :

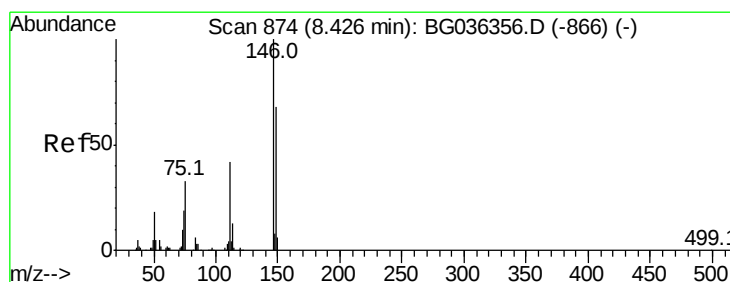
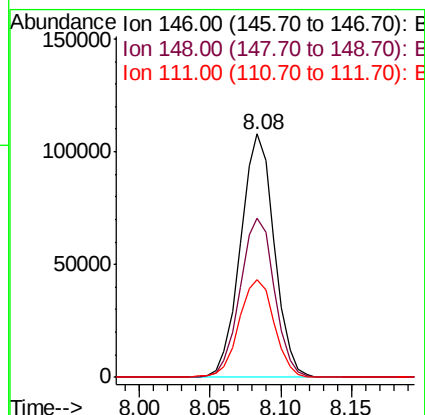
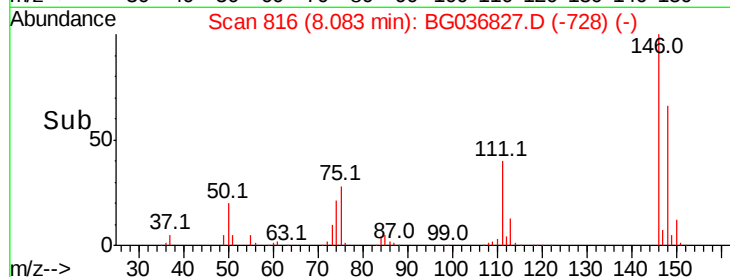
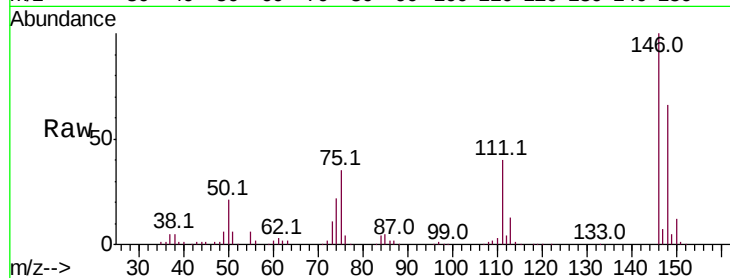
Tot Ion:146 Resp: 179657

Ion Ratio Lower Upper

146 100

148 65.6 53.9 80.9

111 40.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.360 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

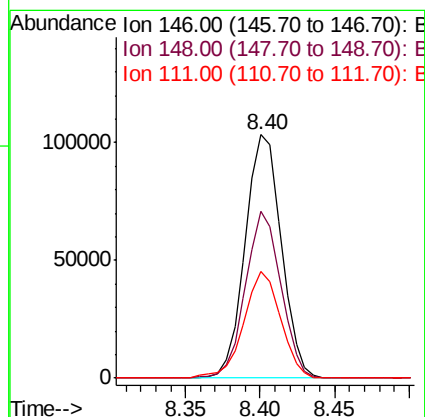
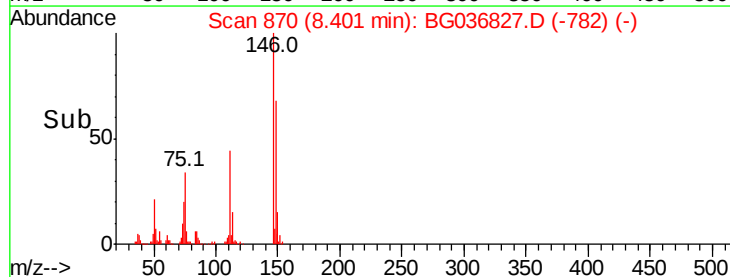
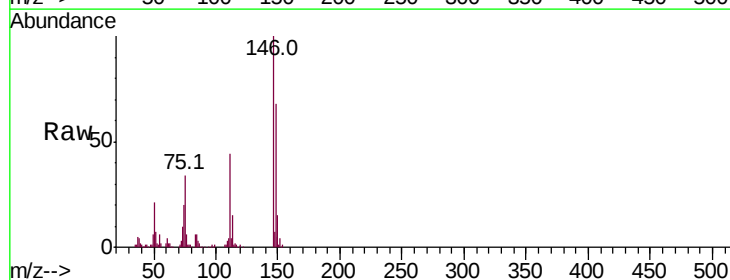
Tgt Ion:146 Resp: 173030

Ion Ratio Lower Upper

146 100

148 68.4 55.0 82.6

111 43.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.359 ng

RT: 8.29 min Scan# 851

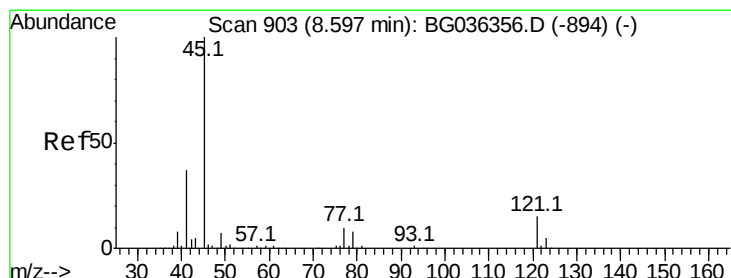
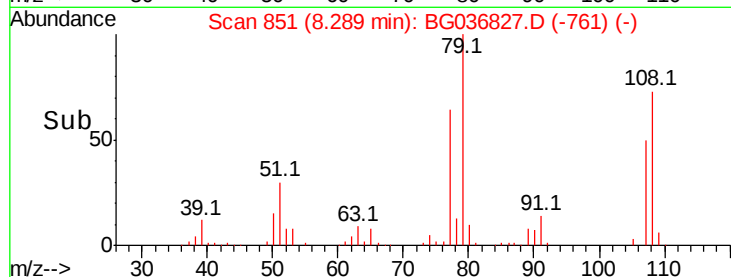
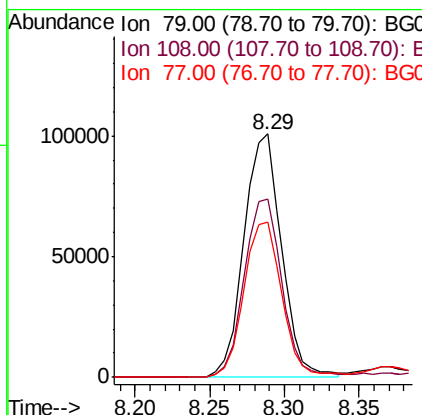
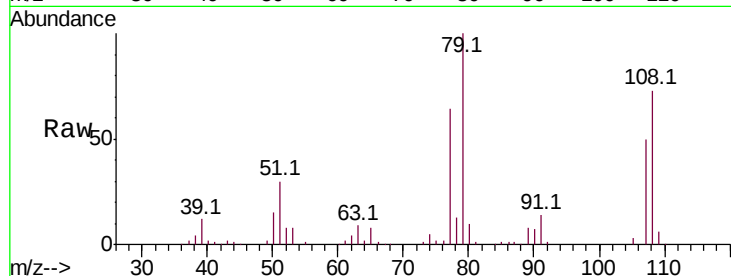
Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	175556
Ion	Ratio	Lower	Upper
79	100		
108	73.1	55.9	83.9
77	63.9	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.321 ng

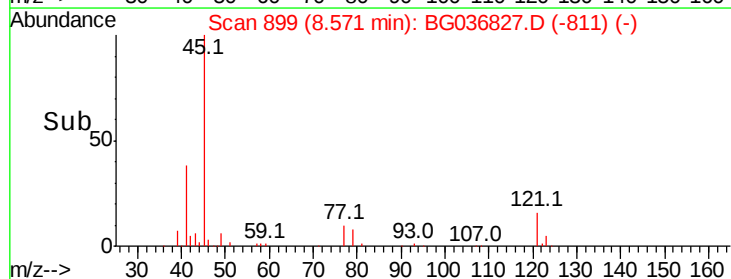
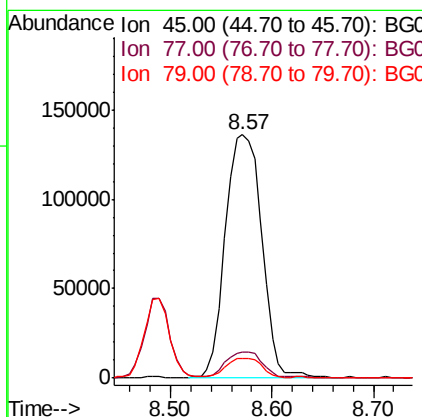
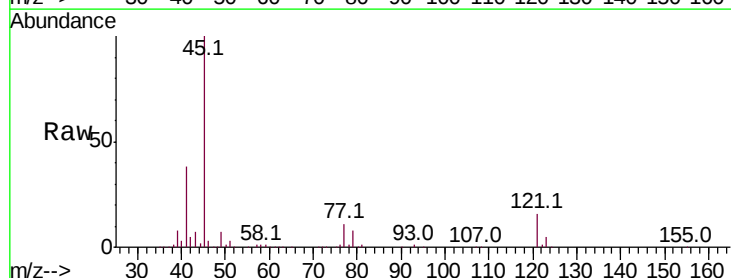
RT: 8.57 min Scan# 899

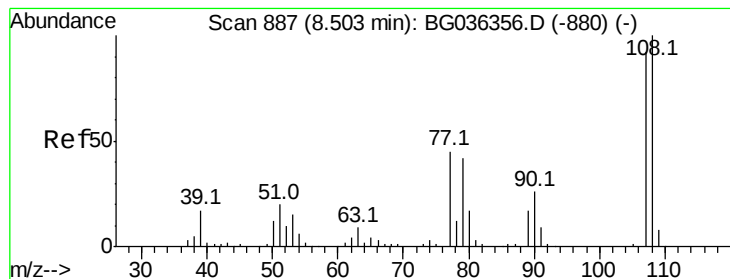
Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	45	Resp:	338224
Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.5
79	8.3	0.0	27.9

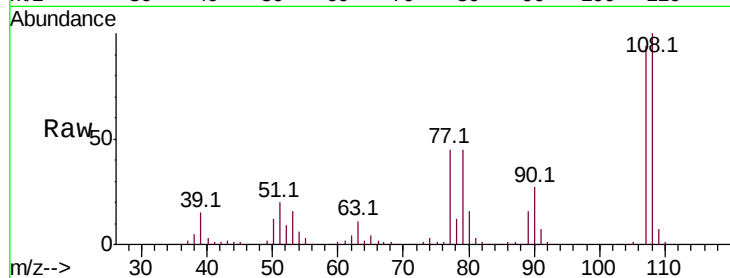




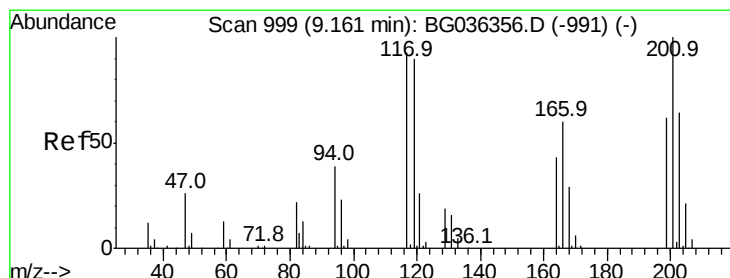
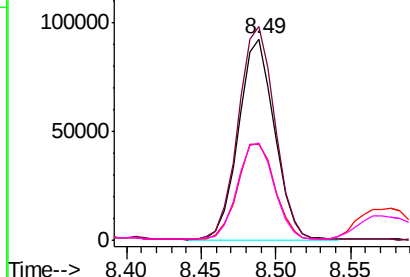
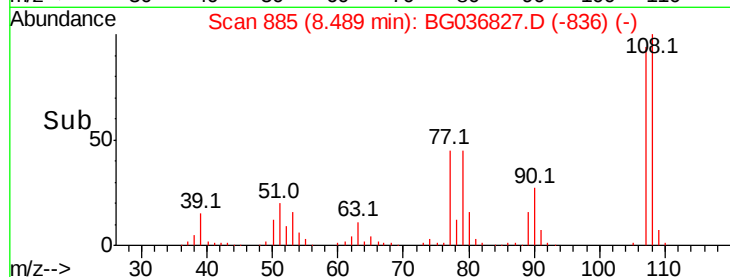
#17
2-Methylphenol
Concen: 43.189 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	154287
Ion	Ratio	Lower	Upper
107	100		
108	106.2	86.7	130.1
77	47.9	39.0	58.4
79	48.2	36.6	54.8

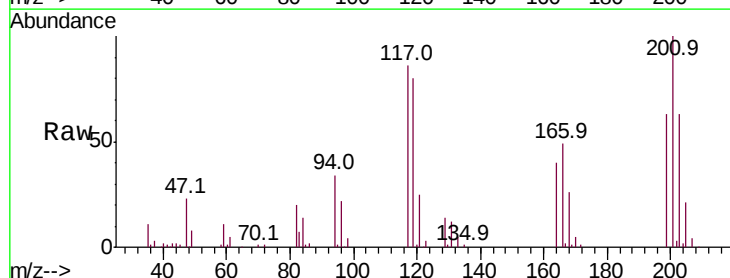


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

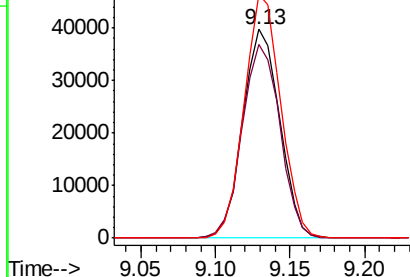
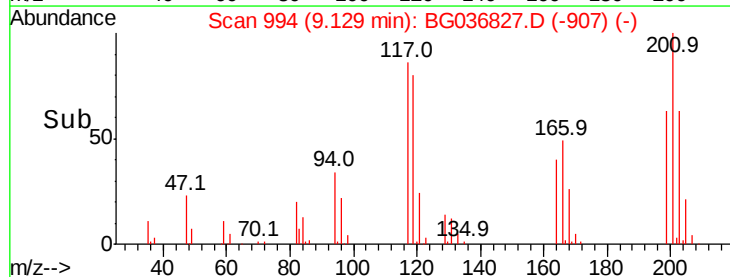


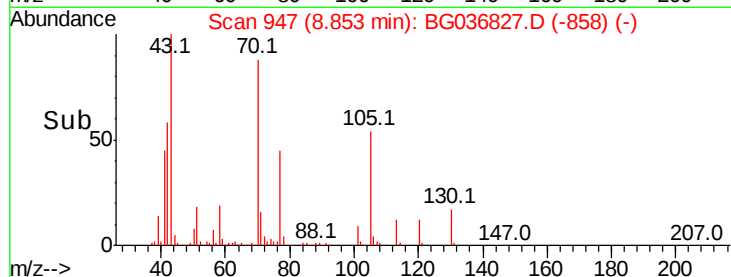
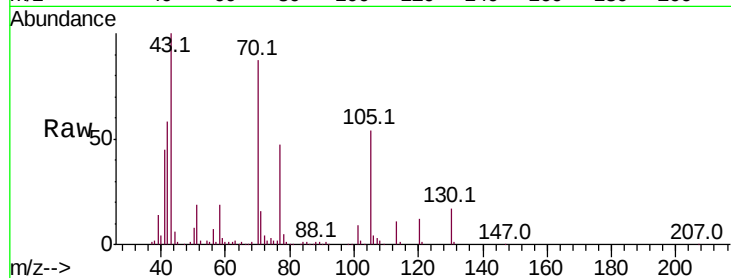
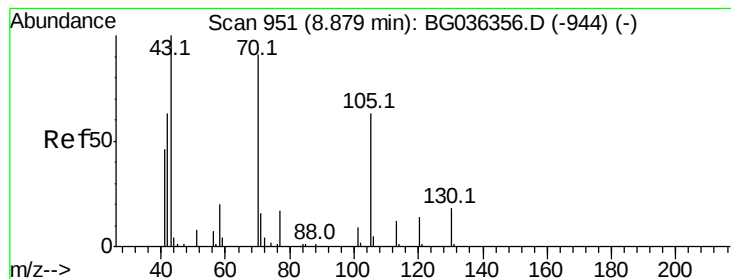
#18
Hexachloroethane
Concen: 42.312 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion:	117	Resp:	68102
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.8	115.2
201	116.6	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: 38.781 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 149005

Ion Ratio Lower Upper

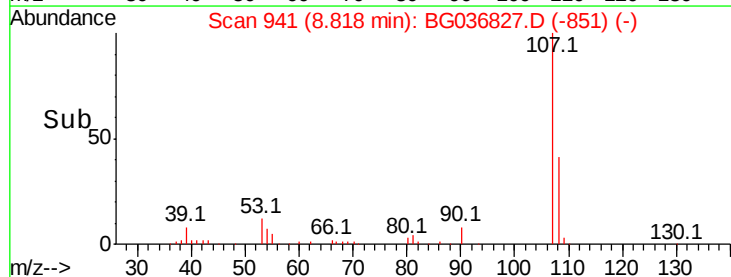
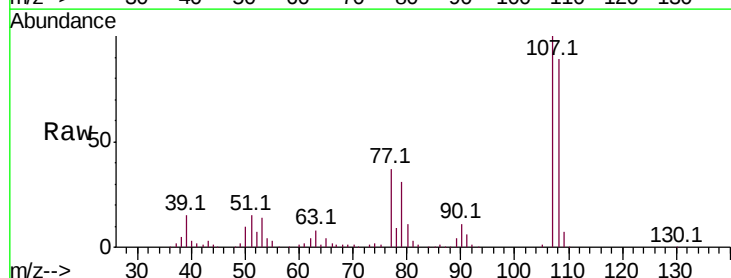
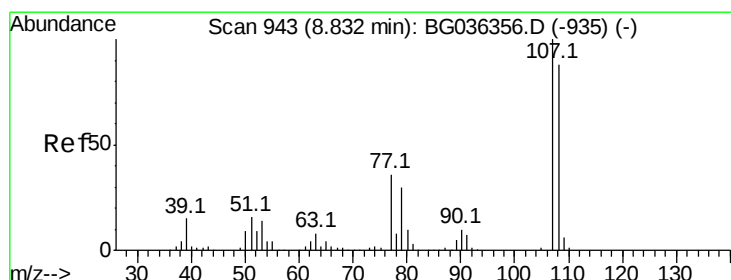
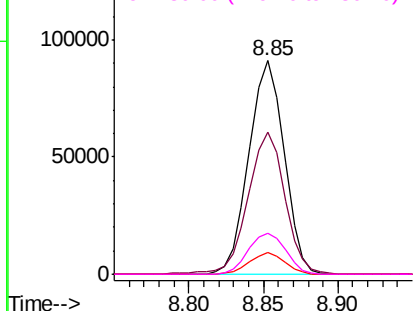
70 100

42 66.4 56.2 84.4

101 9.9 7.8 11.6

130 19.2 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: 42.960 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion: 107 Resp: 214265

Ion Ratio Lower Upper

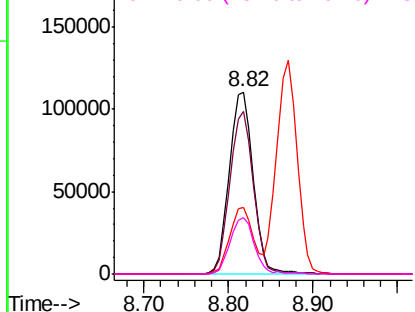
107 100

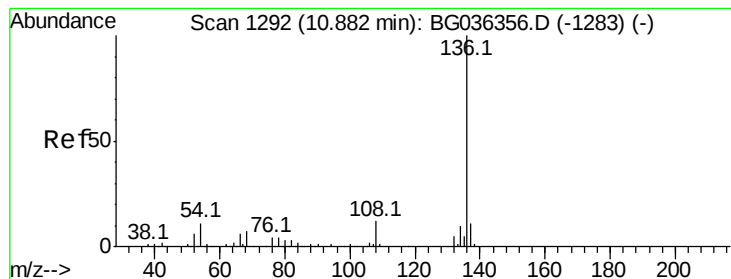
108 89.1 68.0 108.0

77 36.8 15.6 55.6

79 31.2 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 236249

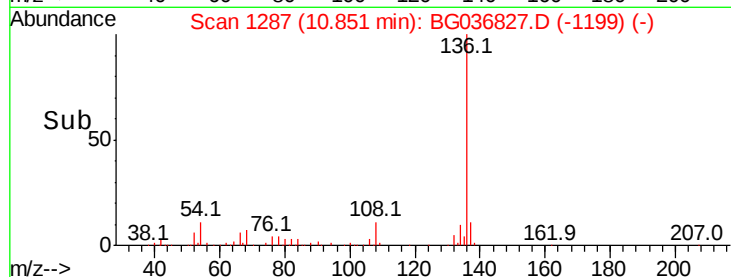
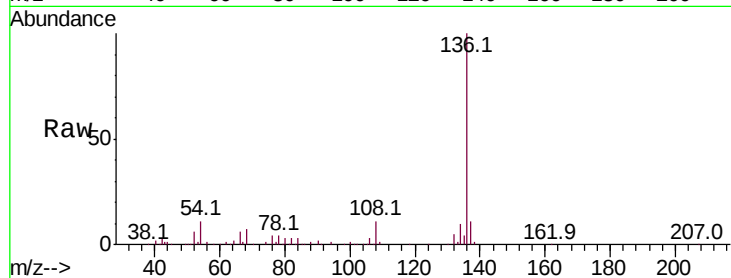
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.9 9.2 13.8

68 6.7 5.8 8.6

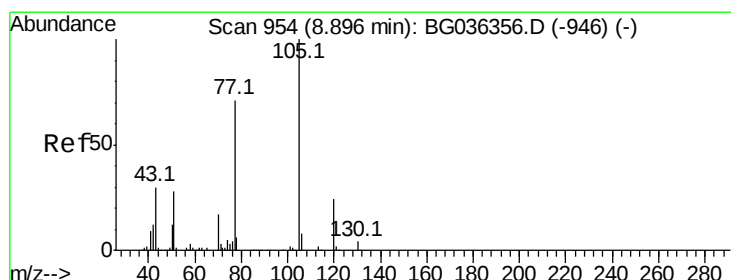
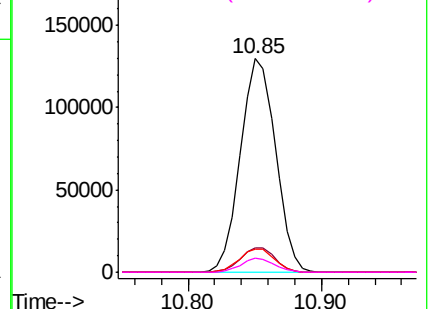


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.283 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:105 Resp: 268521

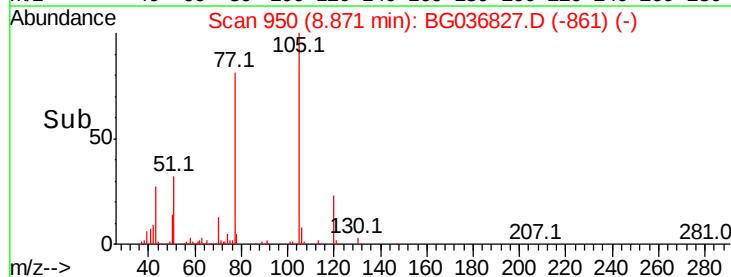
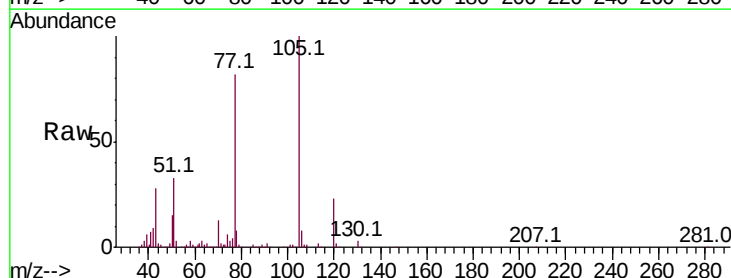
Ion Ratio Lower Upper

105 100

71 2.1 2.4 3.6#

51 32.7 25.9 38.9

120 23.1 19.4 29.0

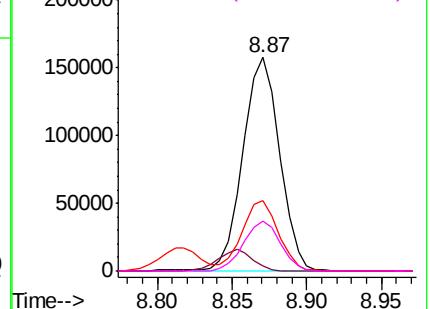


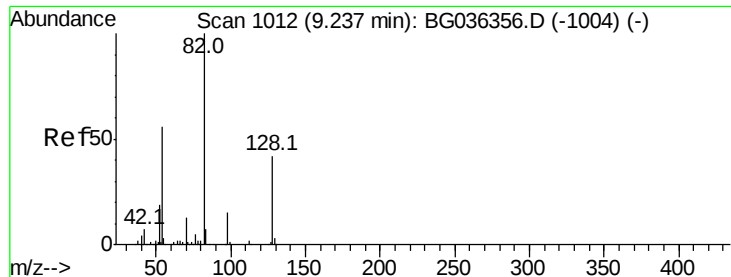
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.772 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampled :

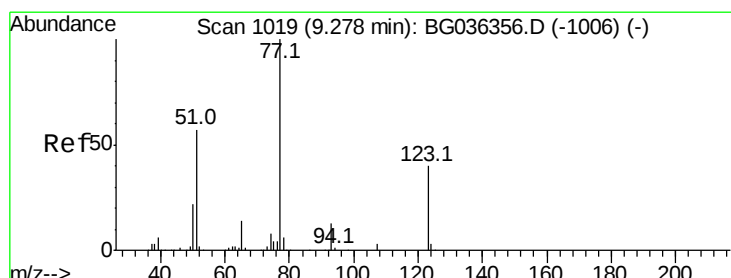
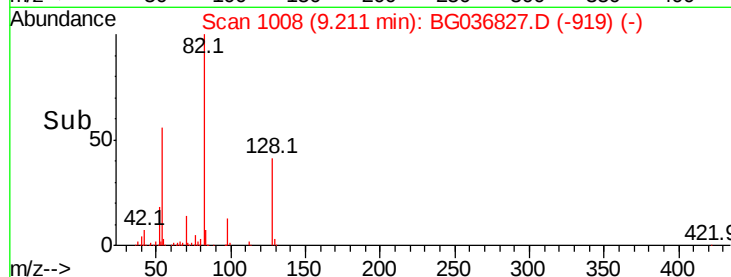
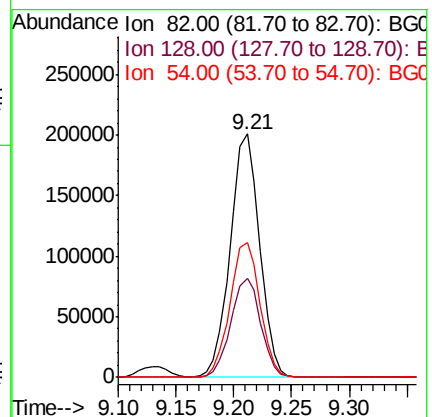
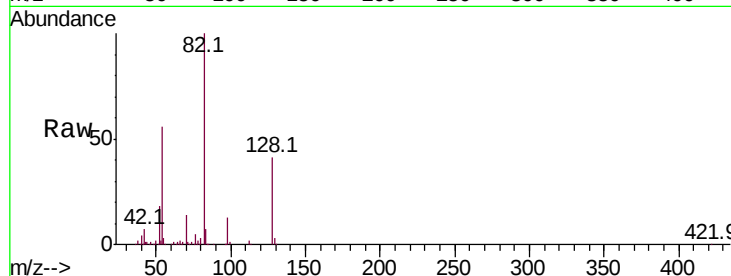
Tot Ion: 82 Resp: 356060

Ion Ratio Lower Upper

82 100

128 40.6 33.3 49.9

54 55.5 45.1 67.7



#24

Nitrobenzene

Concen: 47.044 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

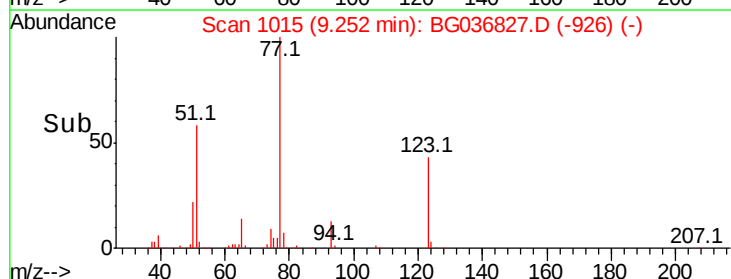
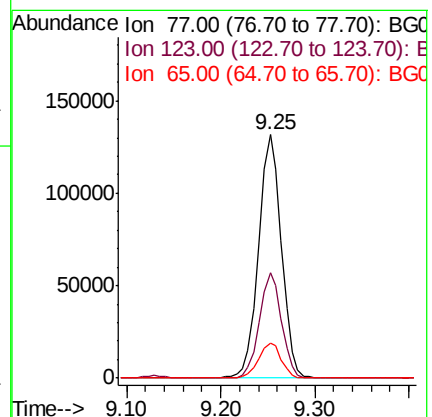
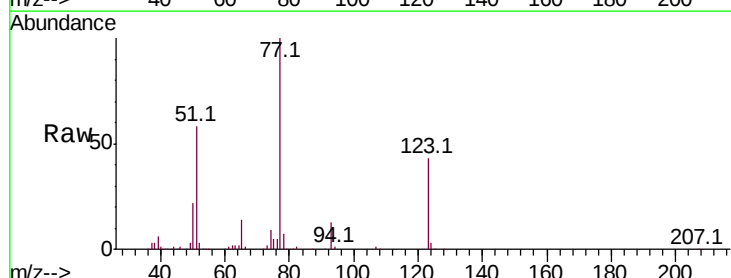
Tgt Ion: 77 Resp: 220888

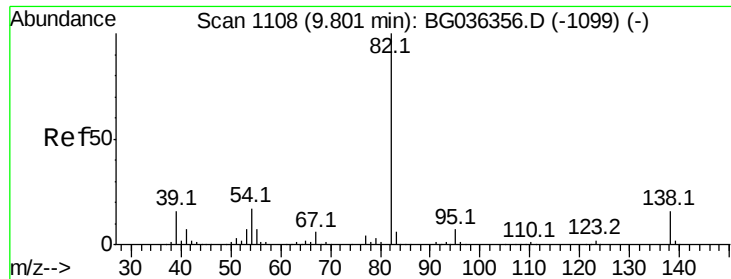
Ion Ratio Lower Upper

77 100

123 43.4 32.4 48.6

65 14.5 11.5 17.3





#25

Isophorone

Concen: 47.554 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

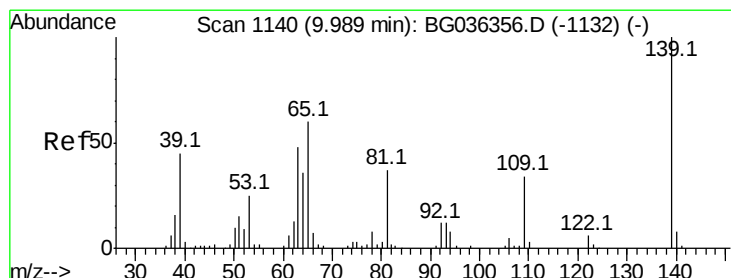
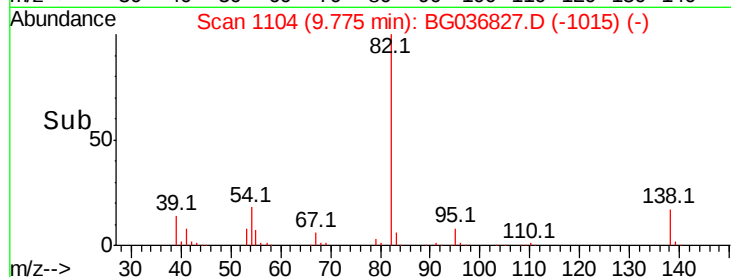
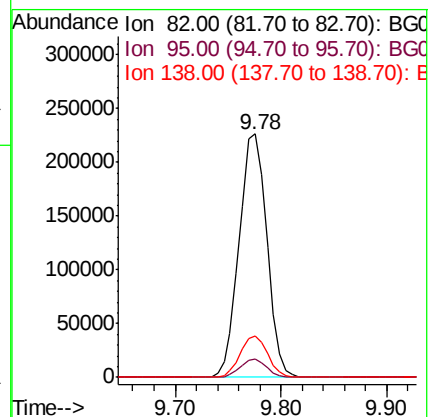
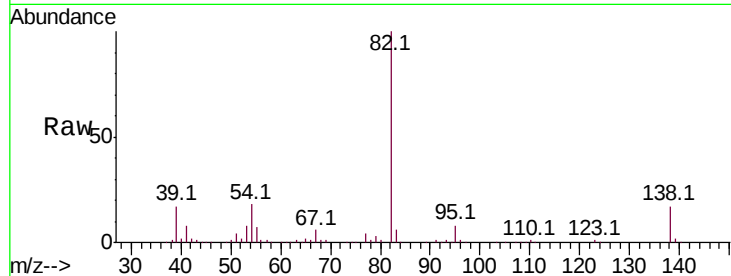
Tot Ion: 82 Resp: 411341

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

138 17.2 12.9 19.3



#26

2-Nitrophenol

Concen: 52.656 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

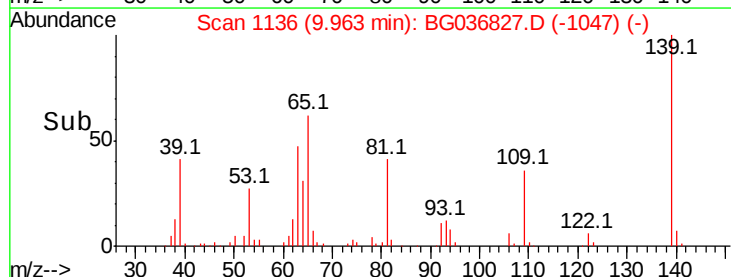
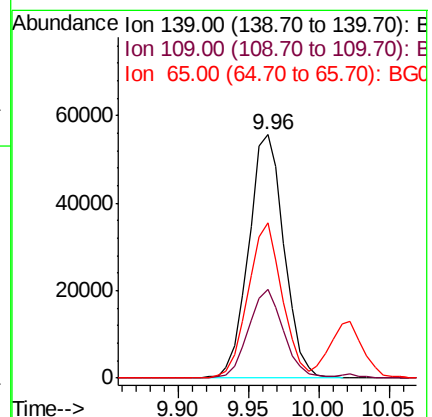
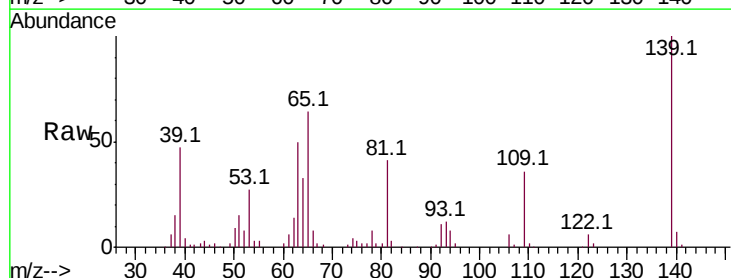
Tgt Ion: 139 Resp: 97972

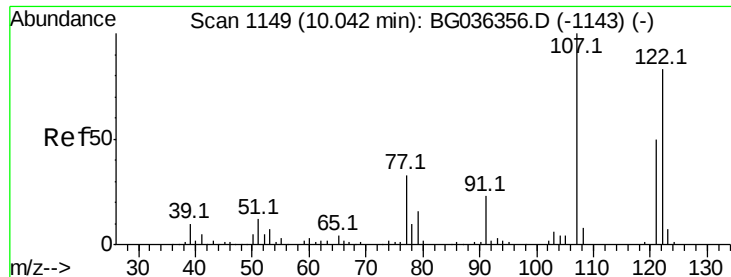
Ion Ratio Lower Upper

139 100

109 36.4 27.4 41.0

65 64.0 47.8 71.6

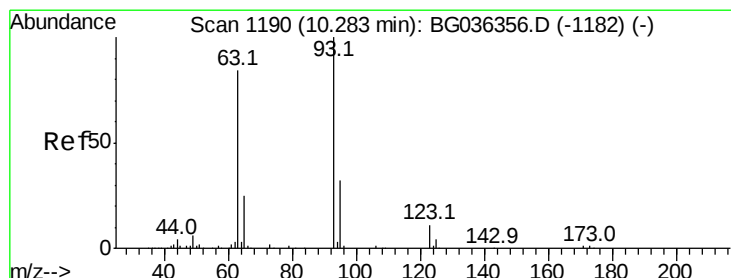
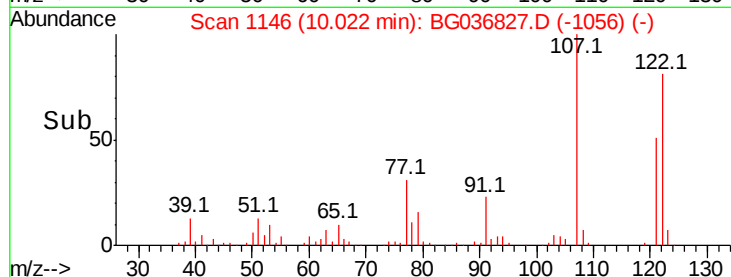
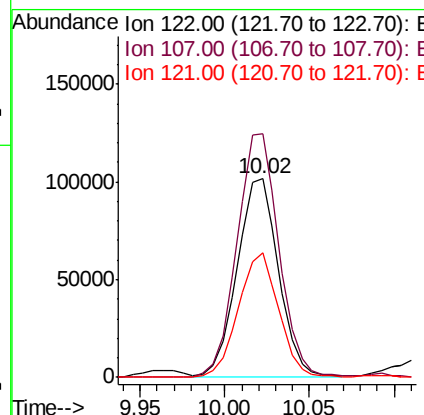
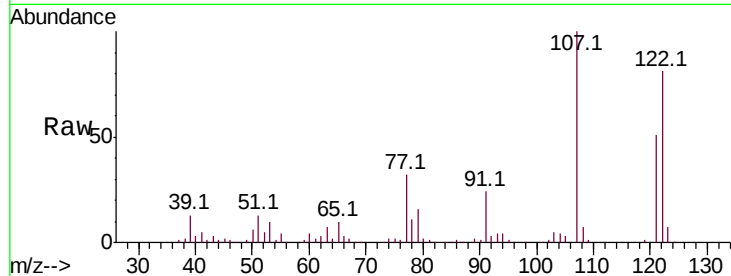




#27
 2,4-Dimethylphenol
 Concen: 49.981 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

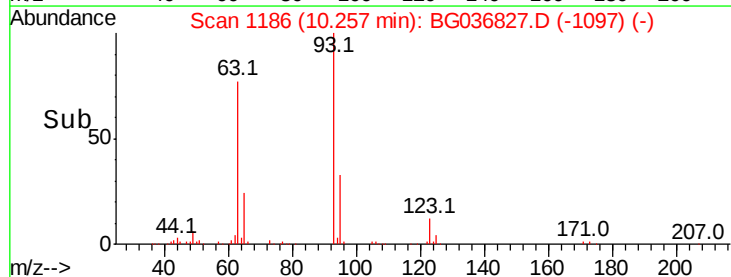
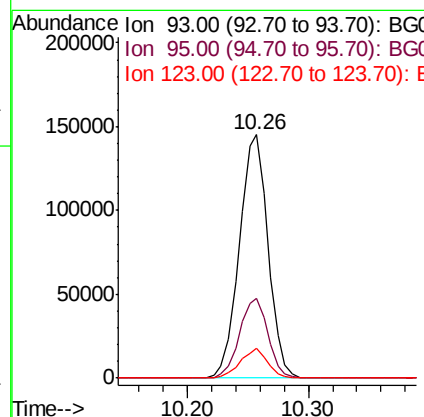
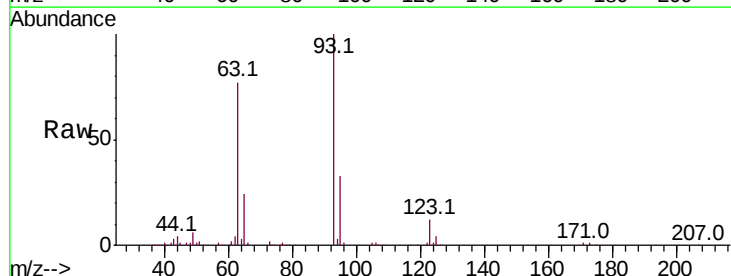
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 172171
 Ion Ratio Lower Upper
 122 100
 107 122.8 96.0 144.0
 121 62.6 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.152 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion: 93 Resp: 239701
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.2 37.8
 123 12.2 8.6 12.8

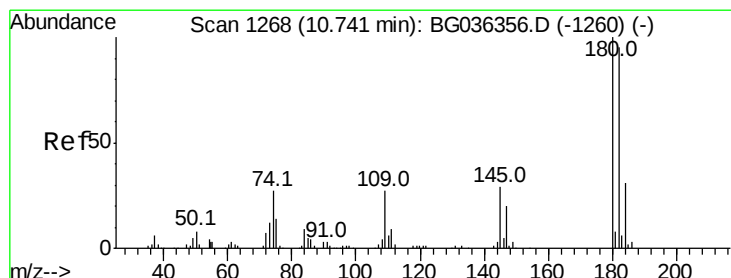
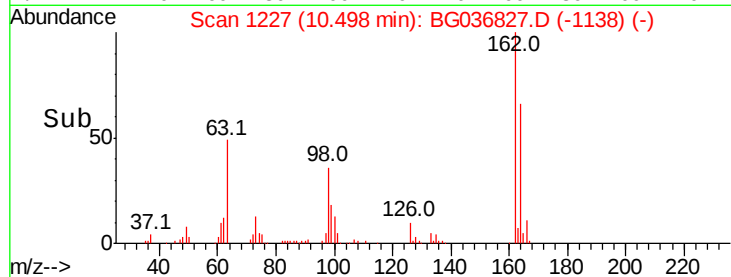
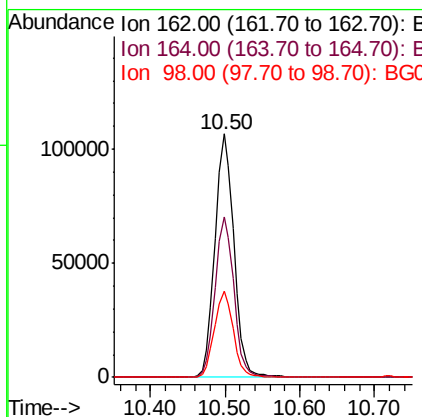
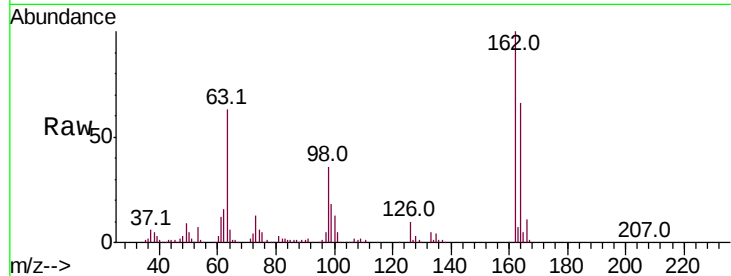




#29
 2,4-Dichlorophenol
 Concen: 50.159 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

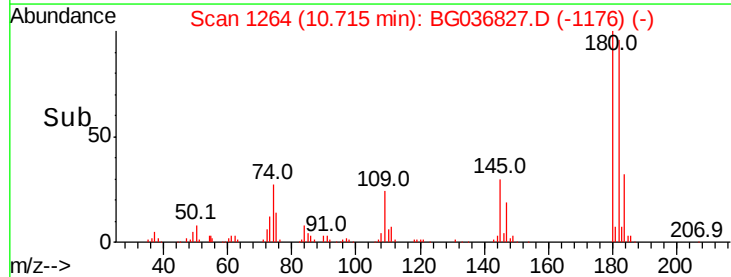
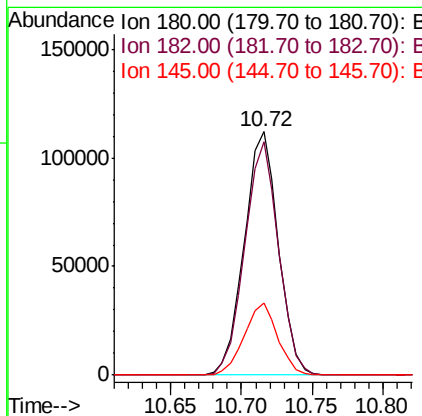
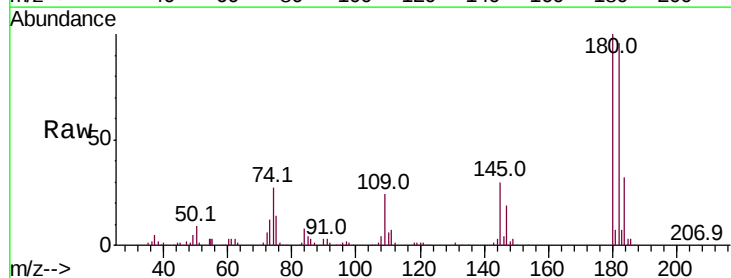
Instrument :
 BNA_G
 ClientSampleId :

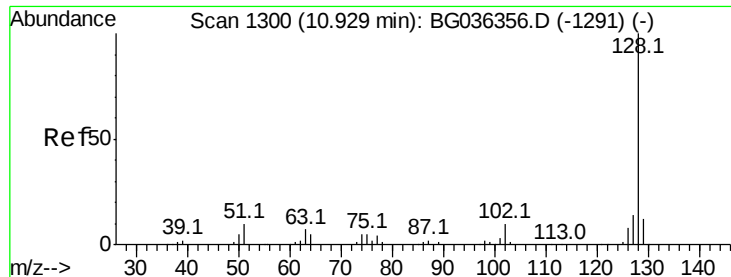
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	47.6	87.6
98	35.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.803 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	29.9	22.9	34.3





#31

Naphthalene

Concen: 46.513 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

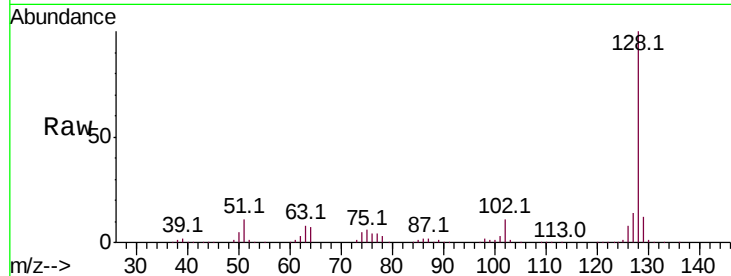
Tot Ion:128 Resp: 549315

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

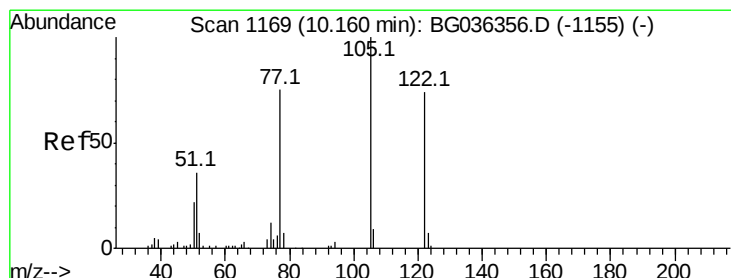
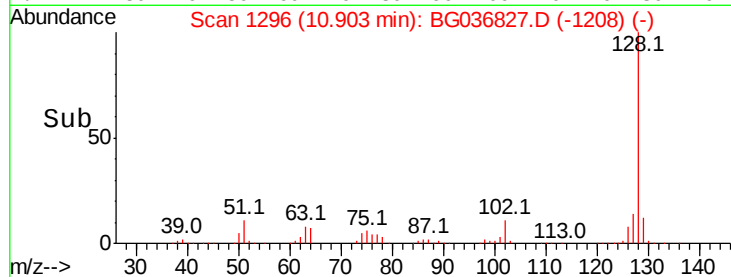
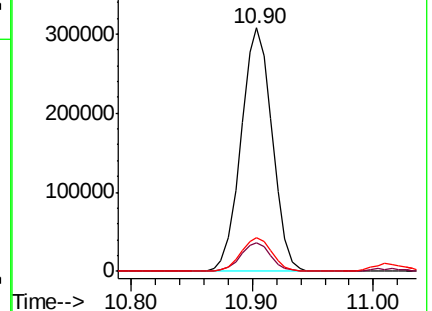
127 13.8 11.0 16.4



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: 13.930 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

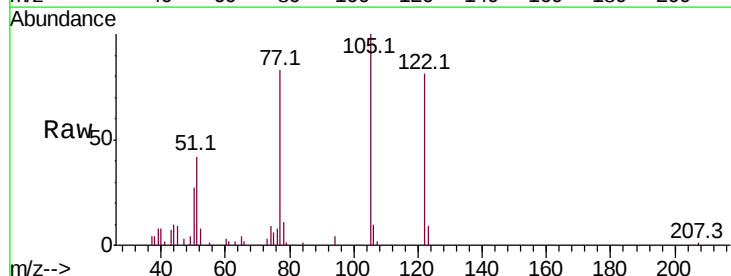
Tgt Ion:122 Resp: 26620

Ion Ratio Lower Upper

122 100

105 123.1 108.1 148.1

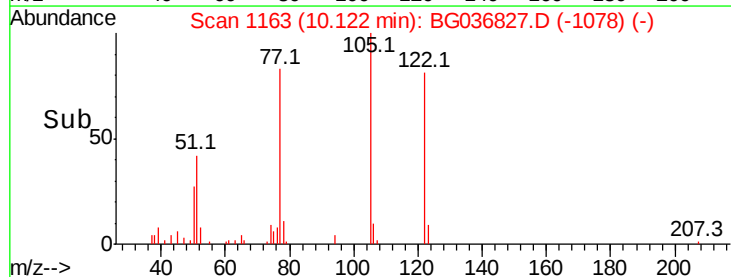
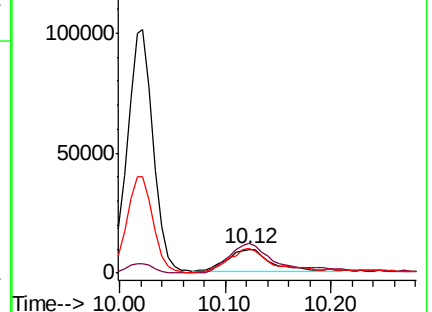
77 101.7 76.3 116.3

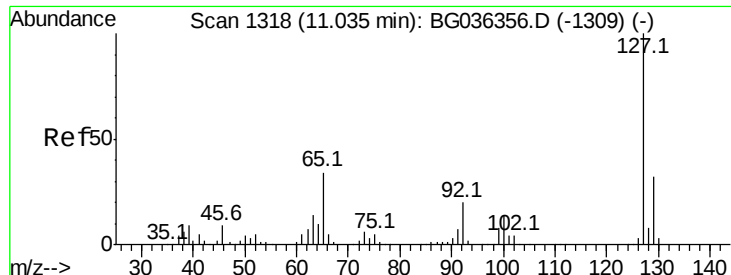


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

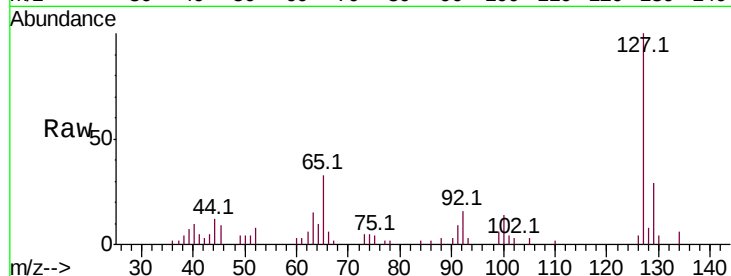




#33
4-Chloroaniline
Concen: 3.591 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.9	38.9
65	33.5	27.5	41.3
92	15.9	16.2	24.2



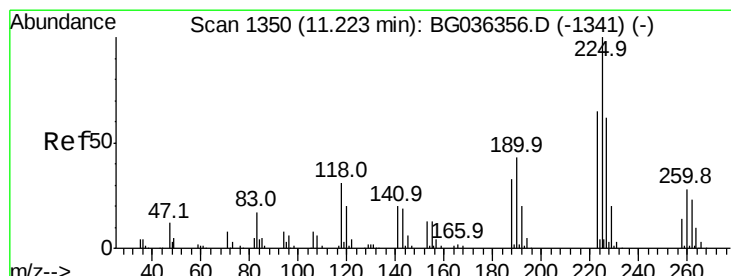
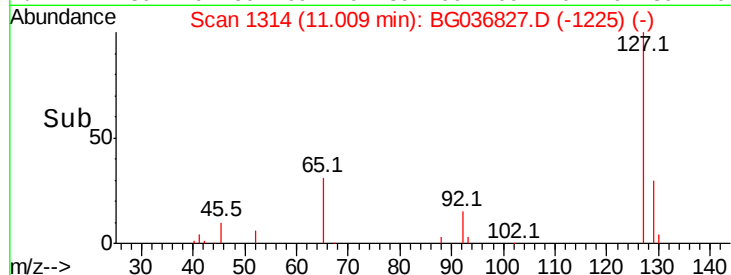
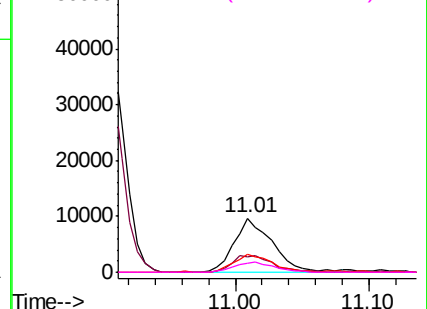
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

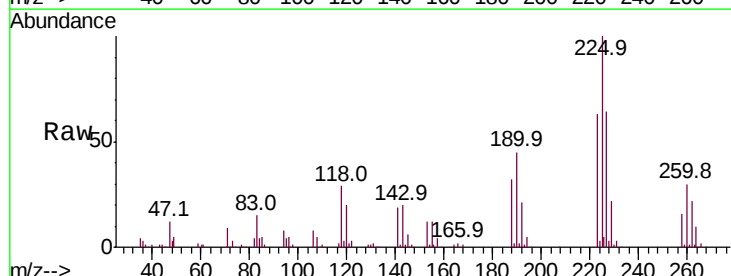
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.777 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.8	77.8
227	63.9	49.8	74.6

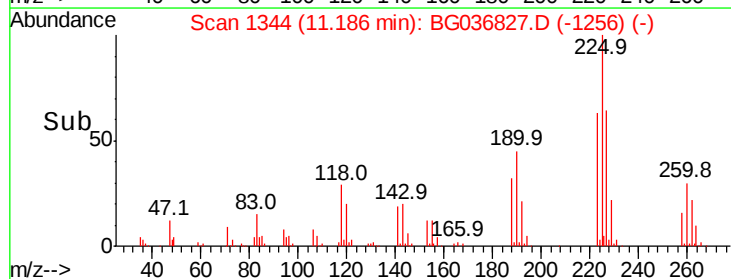
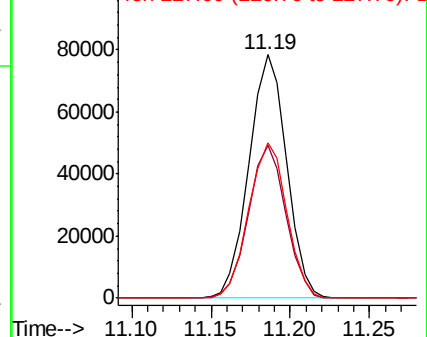


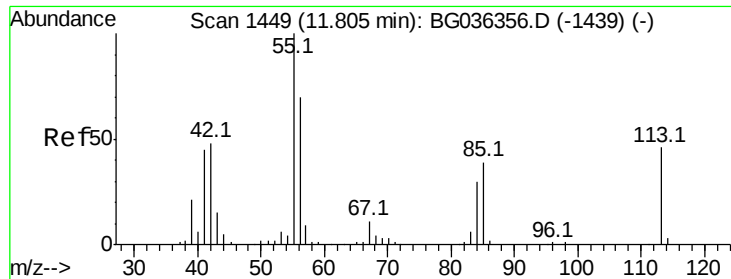
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.745 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampled :

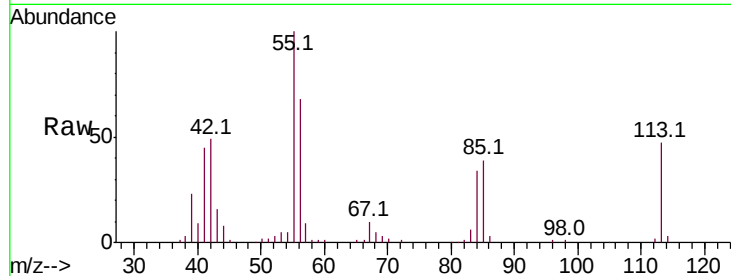
Tot Ion:113 Resp: 49245

Ion Ratio Lower Upper

113 100

55 212.6 197.7 237.7

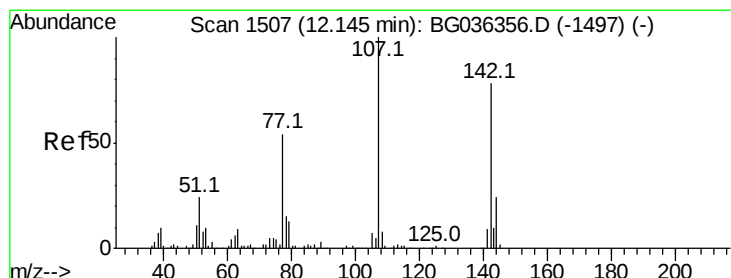
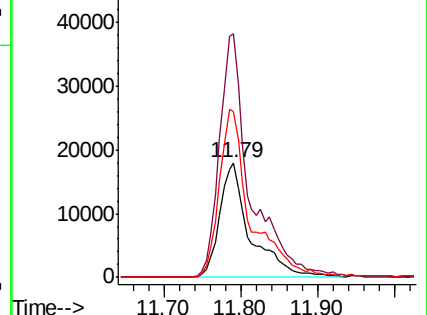
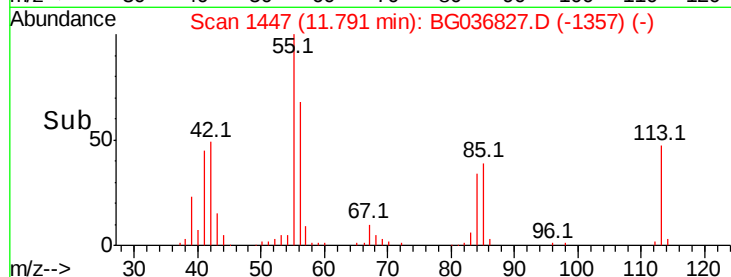
56 144.2 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.719 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

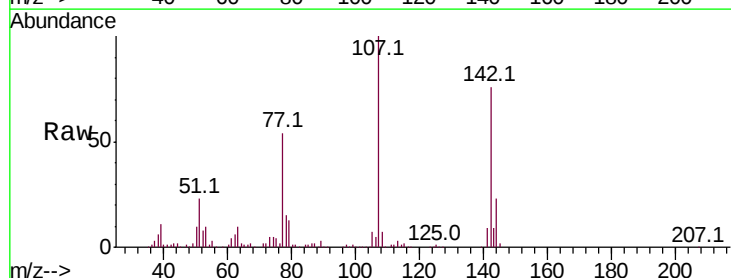
Tgt Ion:107 Resp: 213715

Ion Ratio Lower Upper

107 100

144 23.3 19.5 29.3

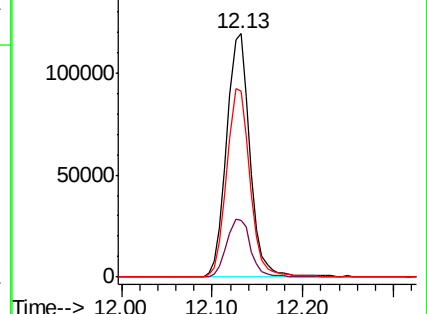
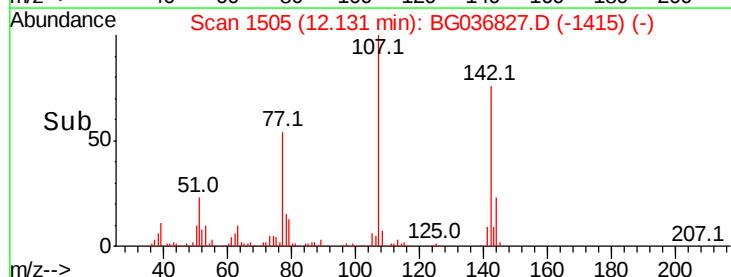
142 76.4 62.4 93.6

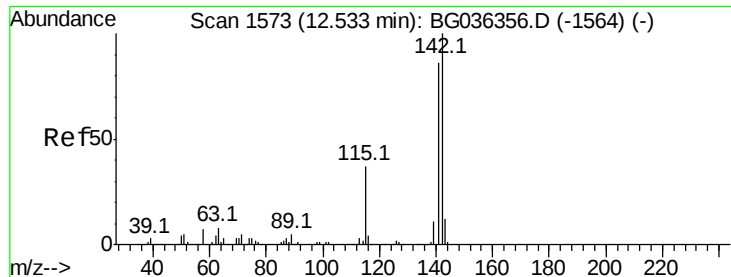


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

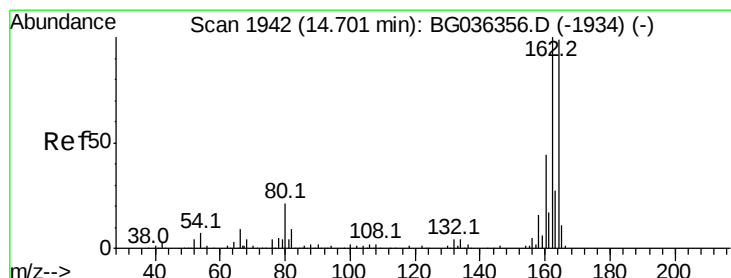
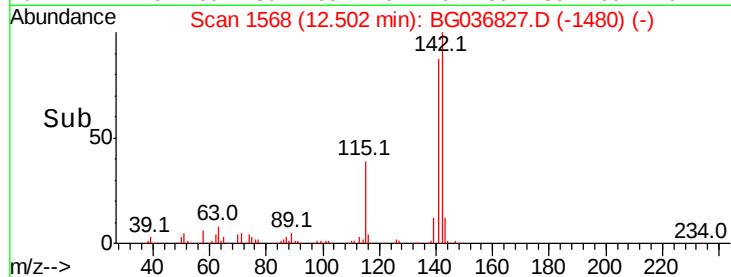
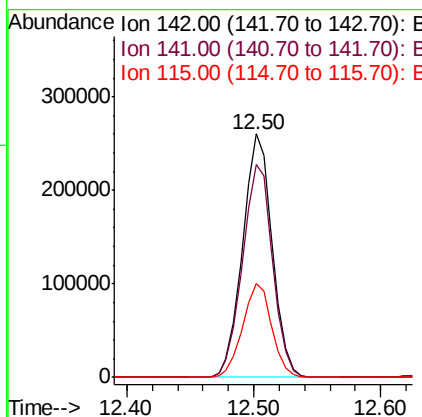
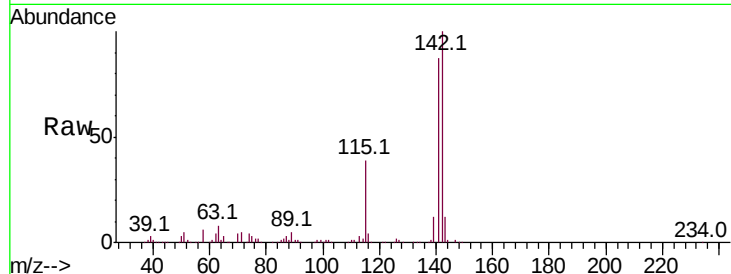




#37
 2-Methylnaphthalene
 Concen: 48.582 ng
 RT: 12.50 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

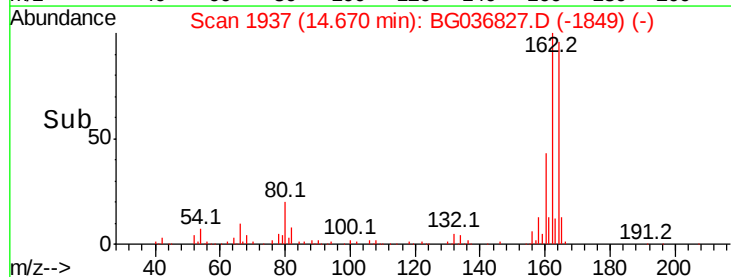
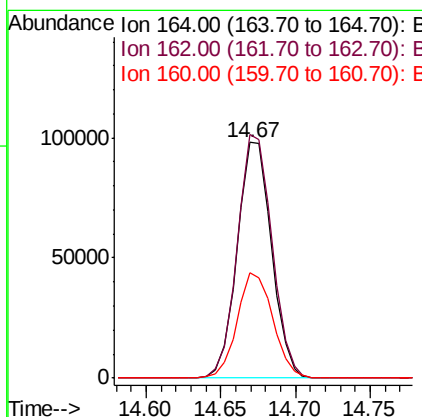
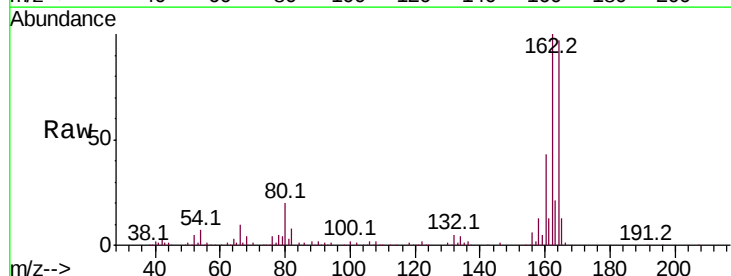
Instrument :
 BNA_G
 ClientSampleId :

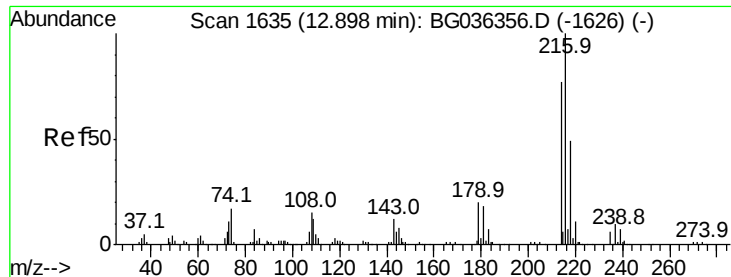
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.5	102.7
115	38.8	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	44.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.608 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 242122

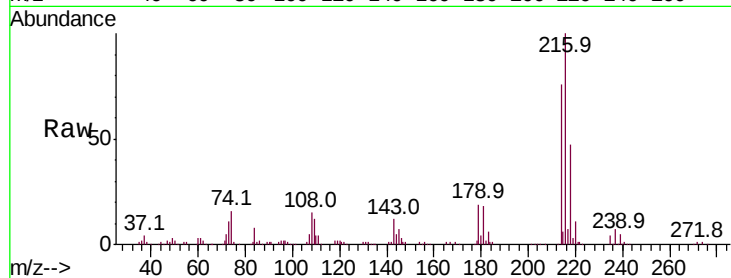
Ion Ratio Lower Upper

216 100

214 77.0 61.0 91.6

179 19.0 15.7 23.5

108 17.3 13.1 19.7

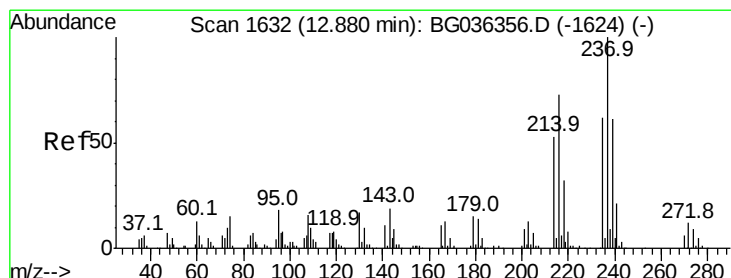
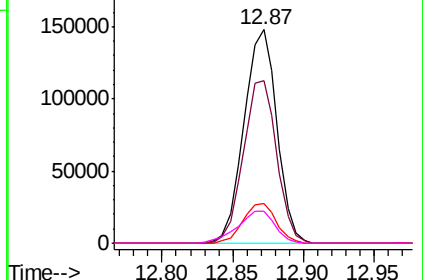
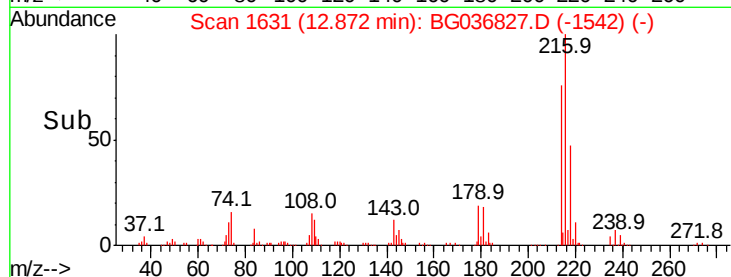


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.846 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

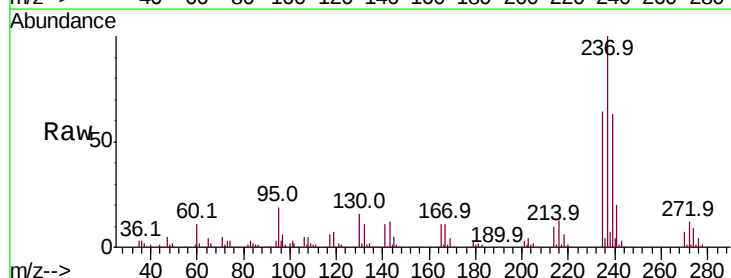
Tgt Ion:237 Resp: 242215

Ion Ratio Lower Upper

237 100

235 63.6 42.2 82.2

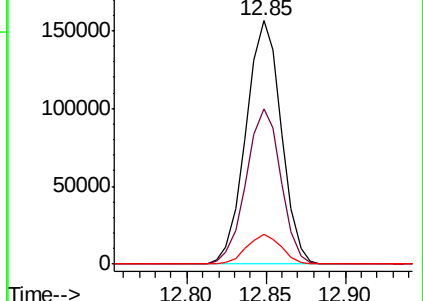
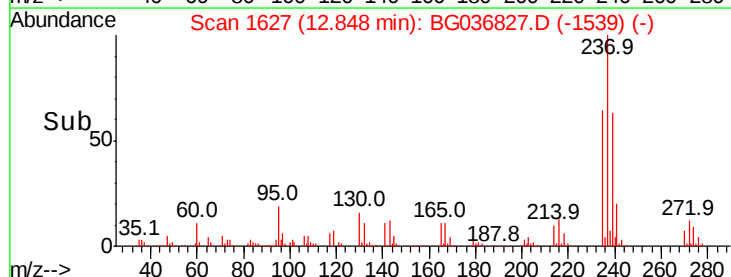
272 12.1 0.0 32.1

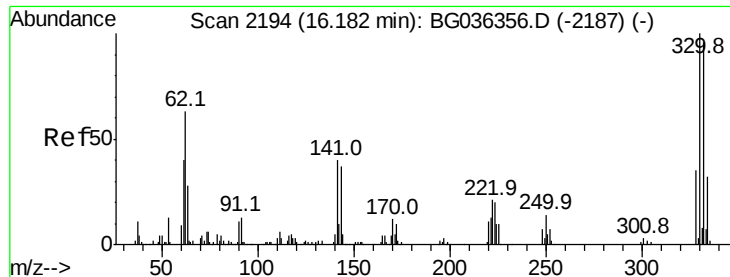


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

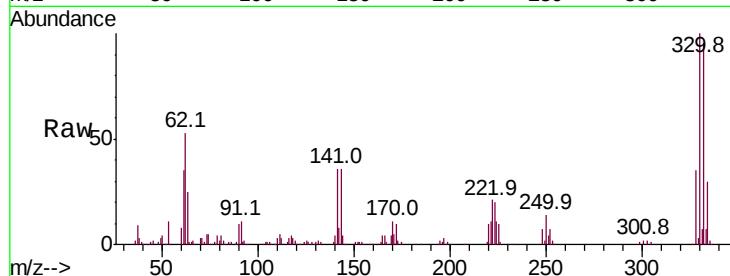




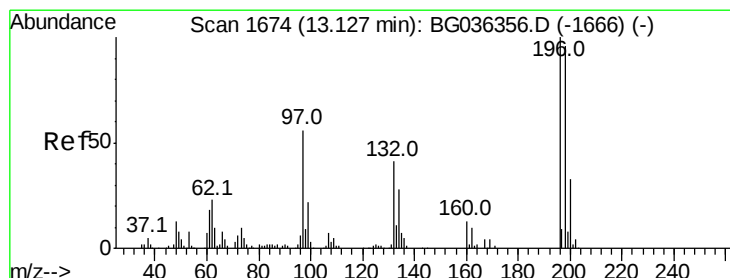
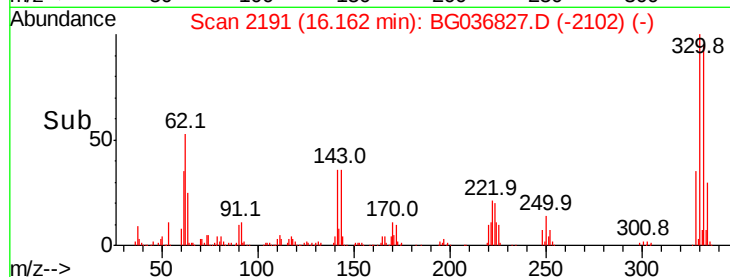
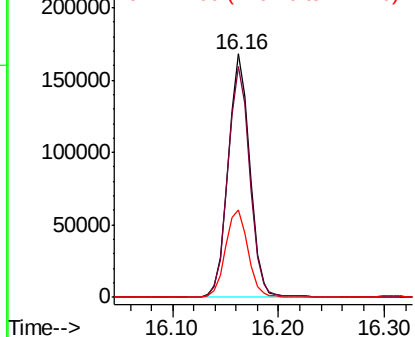
#41
 2,4,6-Tribromophenol
 Concen: 126.634 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	37.6	30.7	46.1

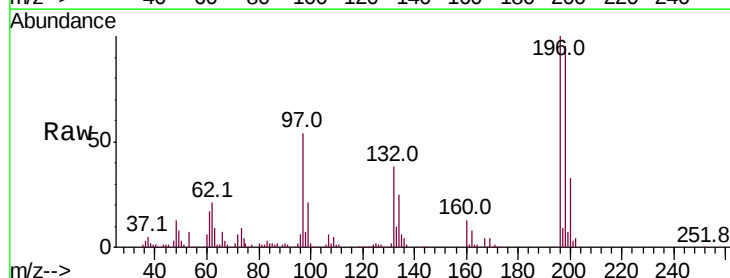


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

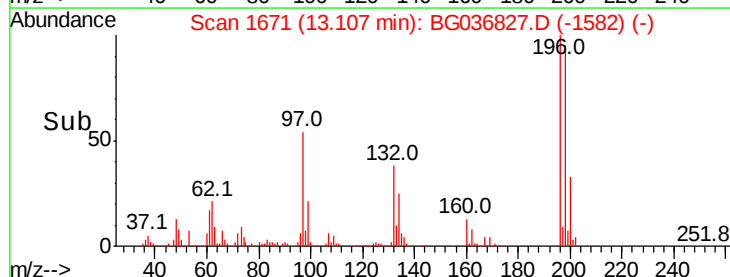
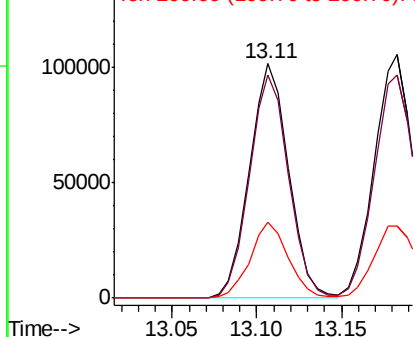


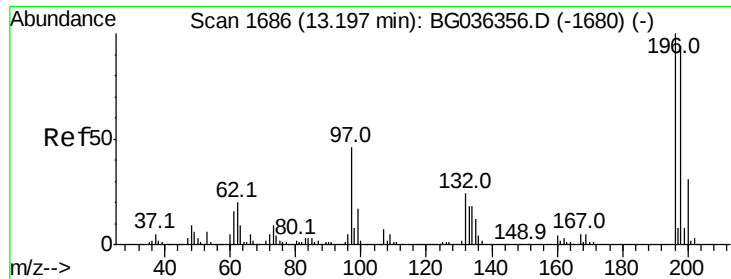
#42
 2,4,6-Trichlorophenol
 Concen: 48.389 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.2	115.8
200	32.5	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

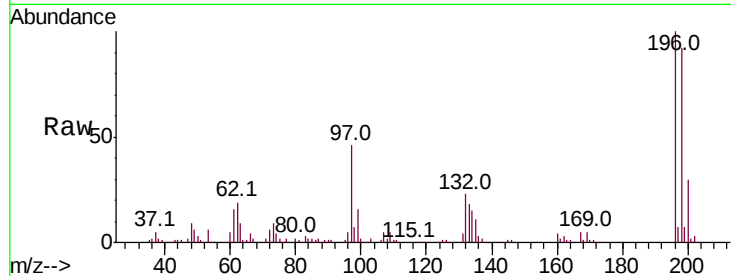




#43
 2,4,5-Trichlorophenol
 Concen: 49.061 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.6	113.4
97	46.1	37.2	55.8
132	23.1	19.4	29.2



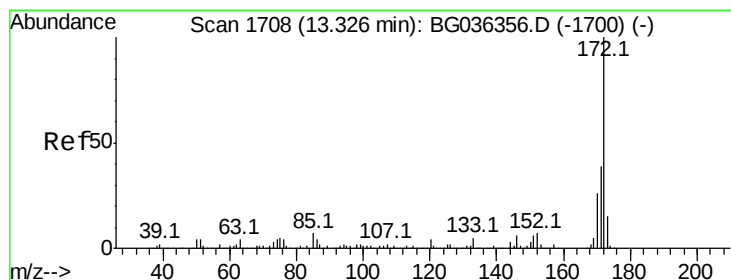
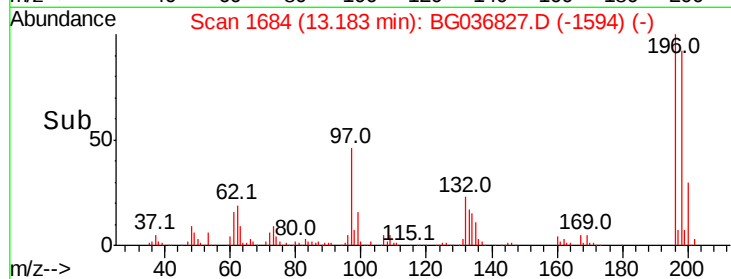
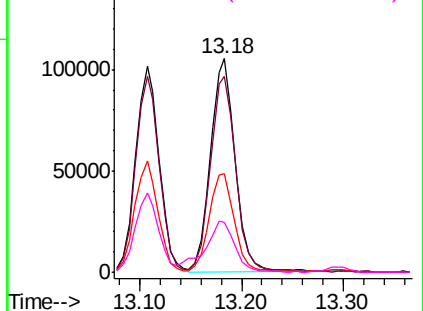
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

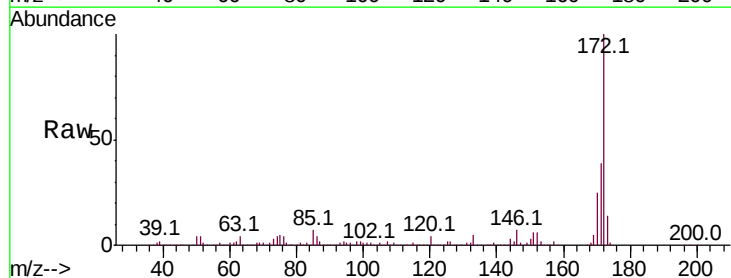
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.481 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.3	46.9
170	25.3	21.0	31.6

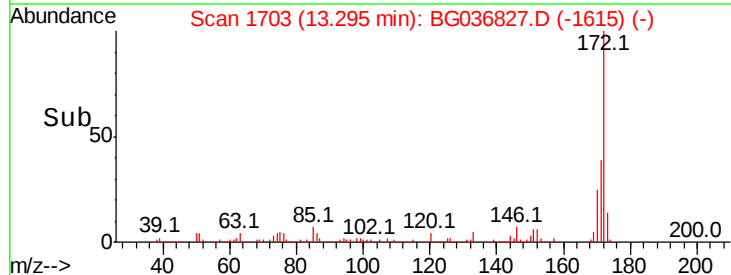
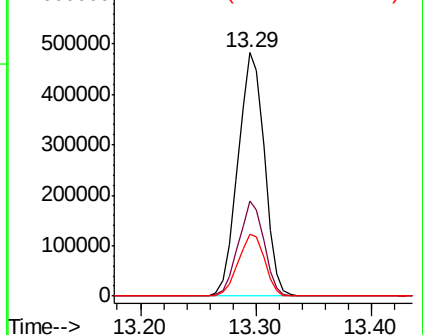


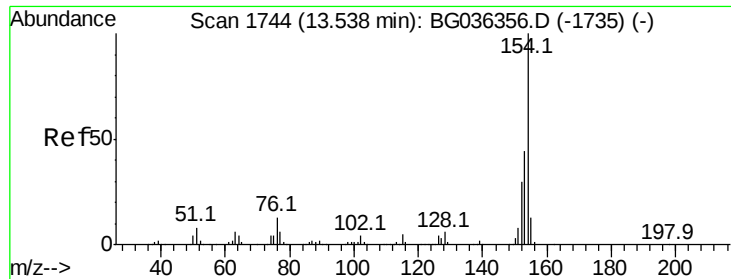
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

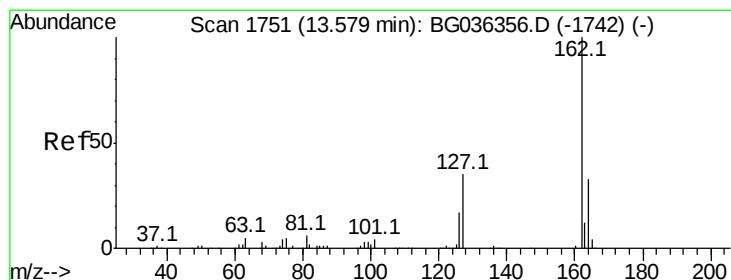
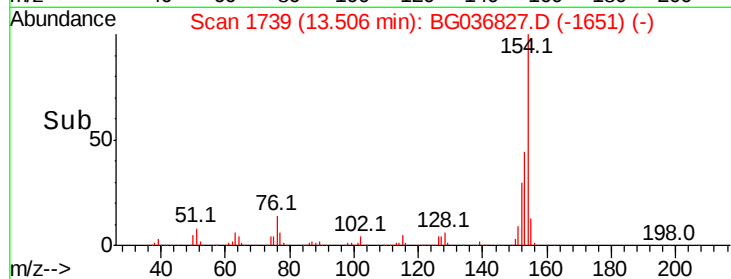
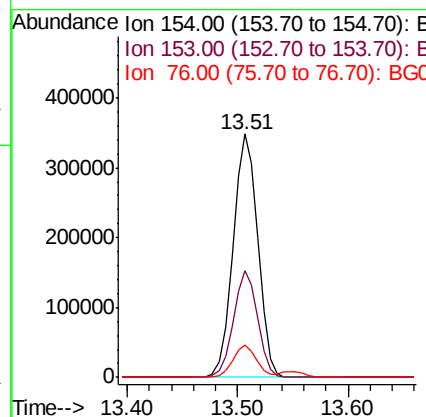
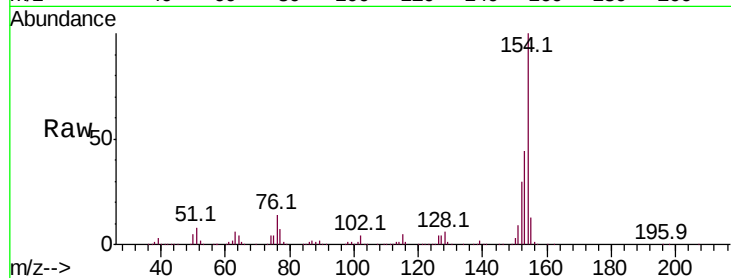




#45
 1,1'-Biphenyl
 Concen: 41.717 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

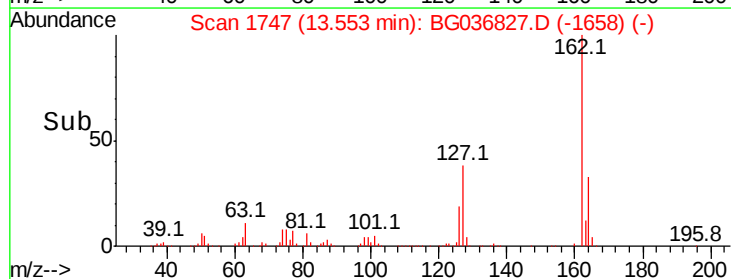
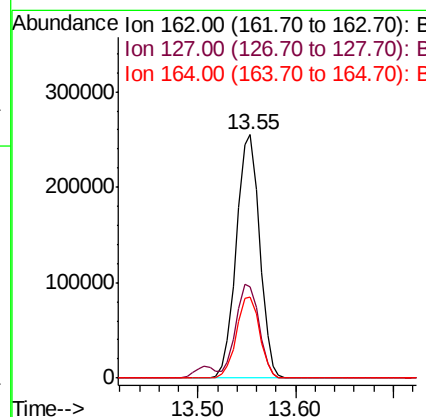
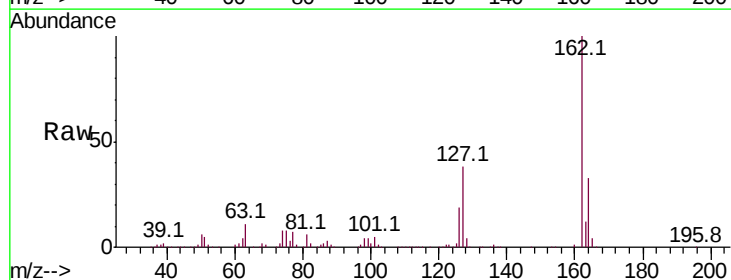
Instrument :
 BNA_G
 ClientSampleId :

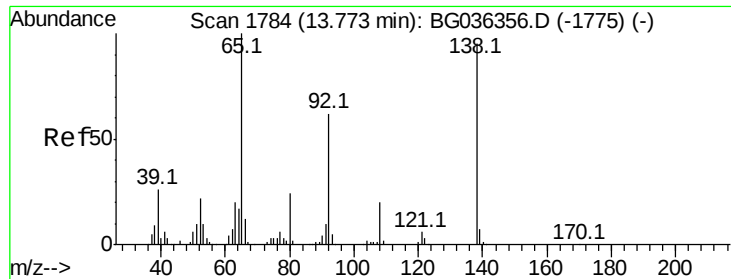
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.1	24.0	64.0
76	13.6	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 42.528 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	33.3	26.7	40.1

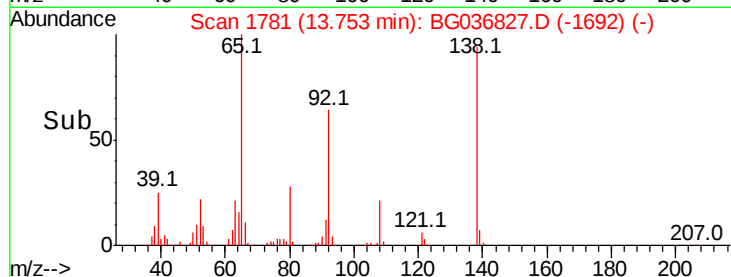
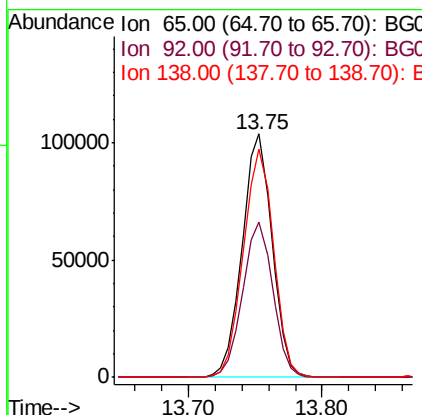
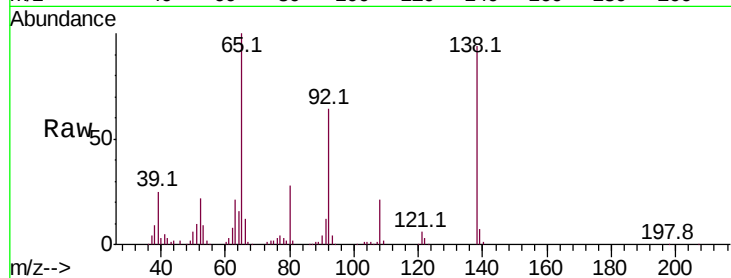




#47
2-Nitroaniline
Concen: 51.465 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

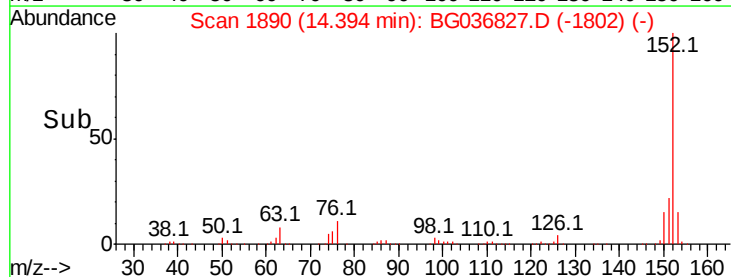
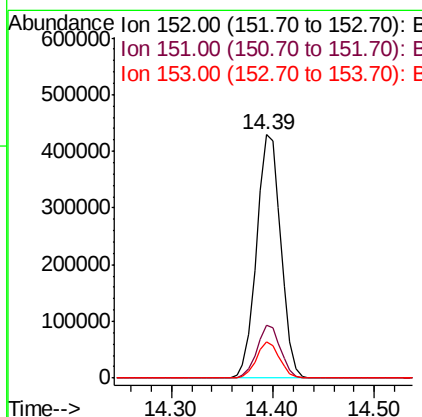
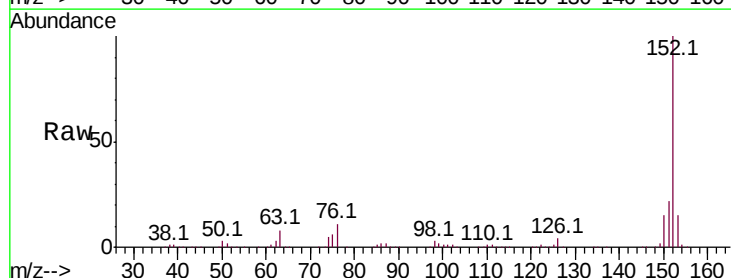
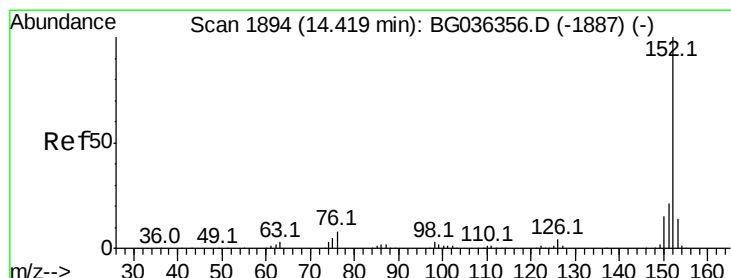
Instrument :
BNA_G
ClientSampled :

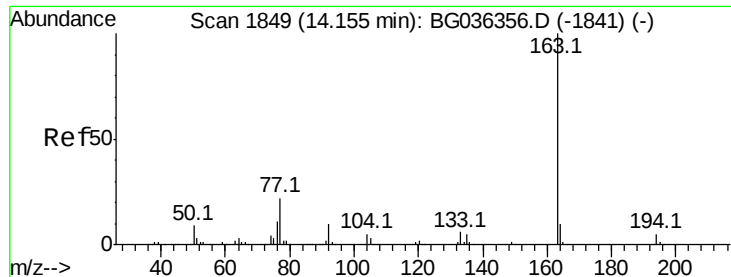
Tot Ion: 65 Resp: 160673
Ion Ratio Lower Upper
65 100
92 63.5 49.9 74.9
138 93.5 76.2 114.4



#48
Acenaphthylene
Concen: 46.067 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion: 152 Resp: 715785
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 14.8 11.2 16.8





#49

Dimethylphthalate

Concen: 45.338 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

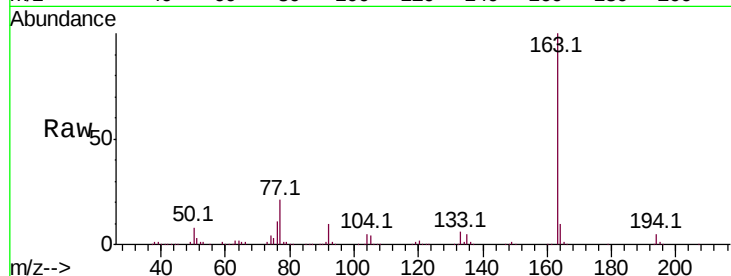
Tot Ion:163 Resp: 580825

Ion Ratio Lower Upper

163 100

194 5.3 4.0 6.0

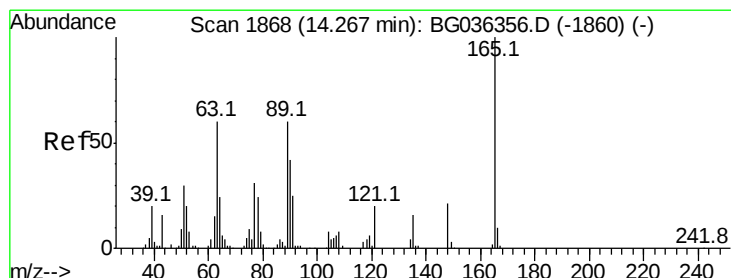
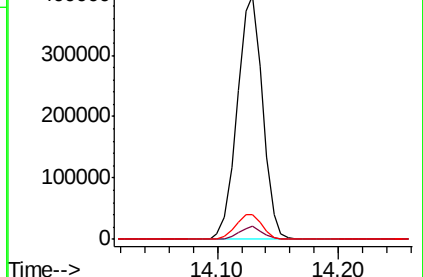
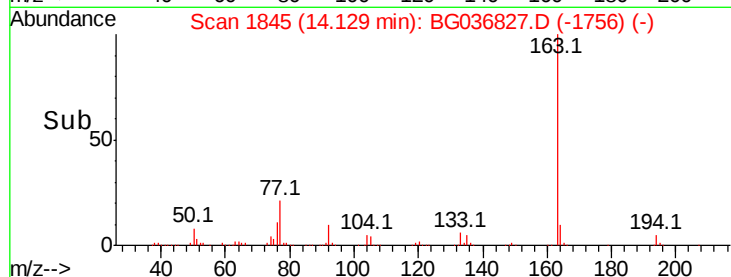
164 10.4 8.1 12.1



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: 49.415 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

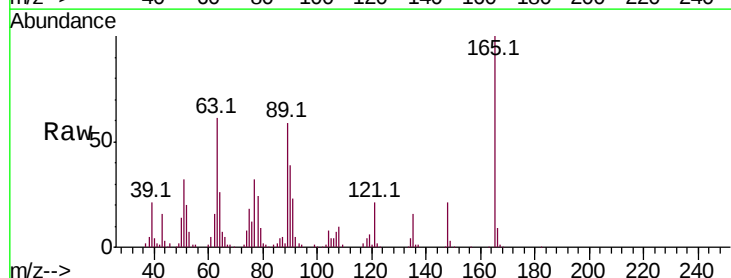
Tgt Ion:165 Resp: 130266

Ion Ratio Lower Upper

165 100

63 60.9 50.1 75.1

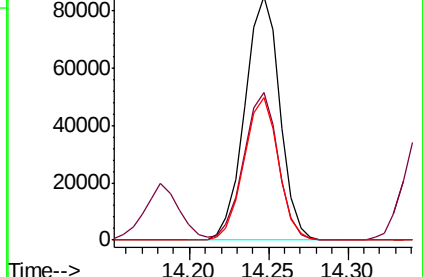
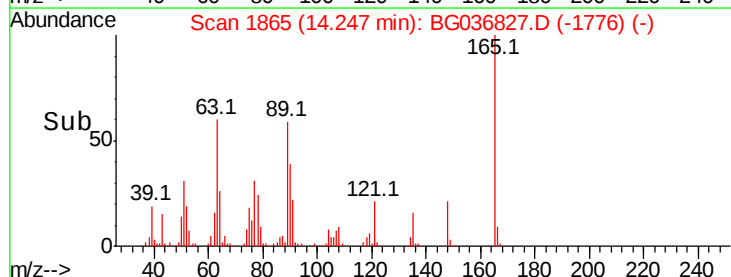
89 58.7 47.8 71.6

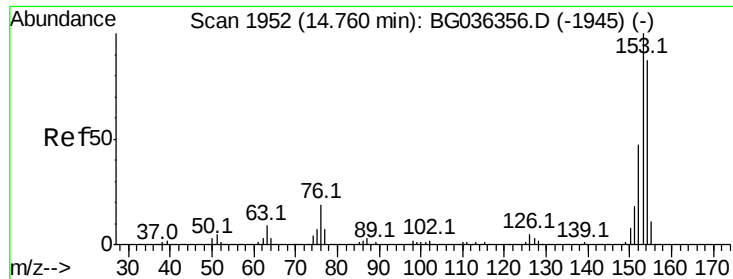


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.331 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

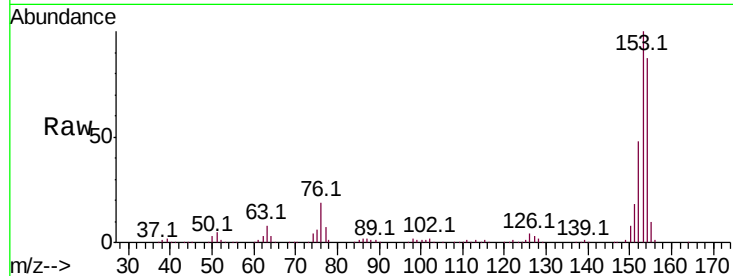
Tot Ion:154 Resp: 421240

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

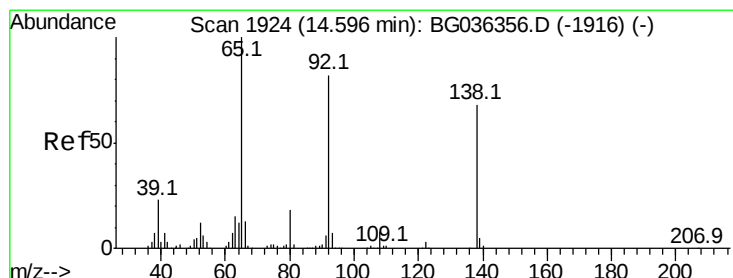
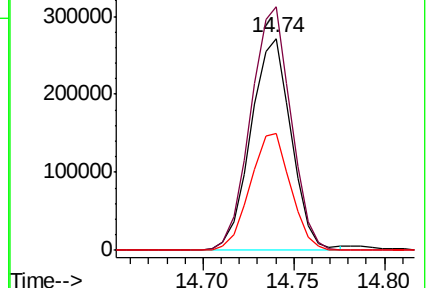
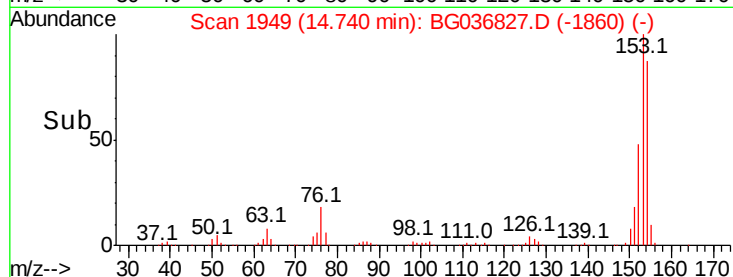
152 55.1 43.5 65.3



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: 16.921 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

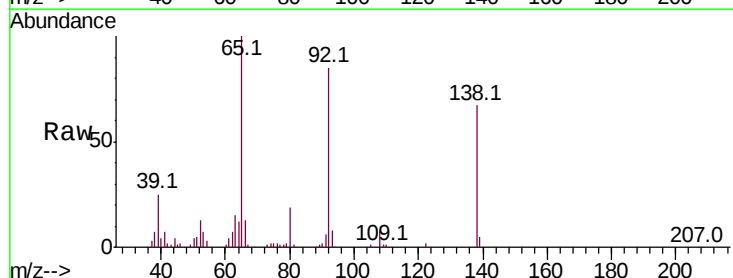
Tgt Ion:138 Resp: 48068

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

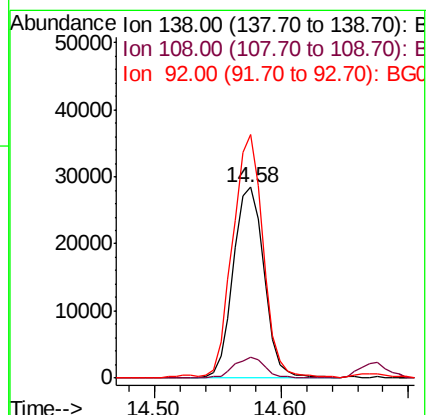
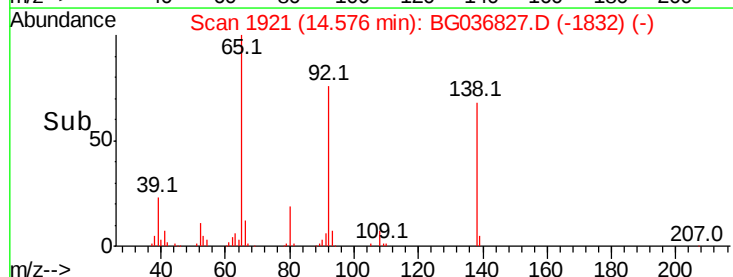
92 127.7 96.8 145.2

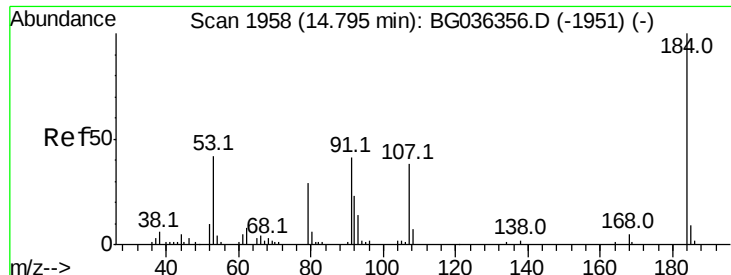


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

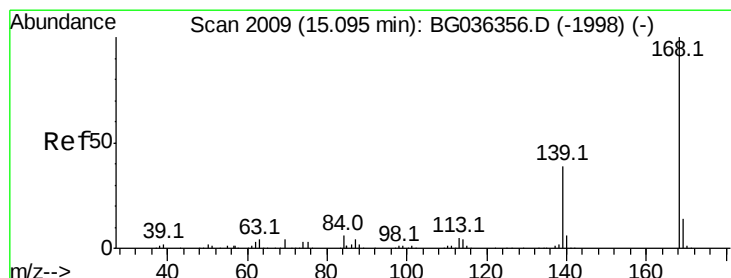
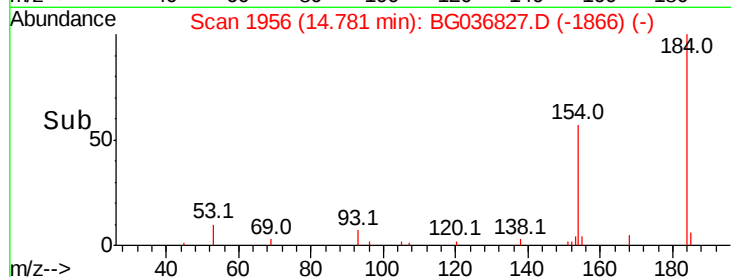
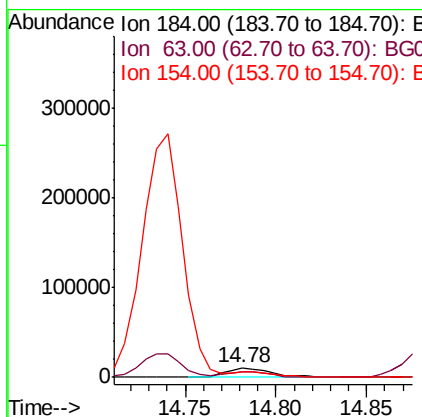
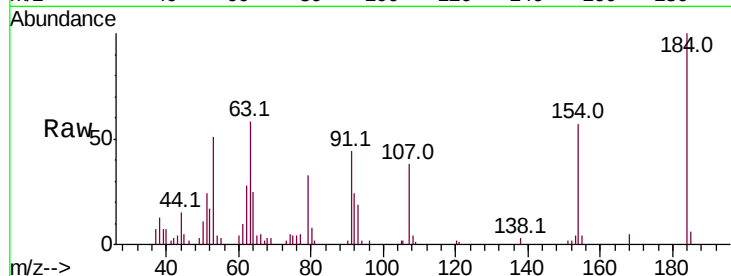




#53
 2,4-Dinitrophenol
 Concen: 18.520 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

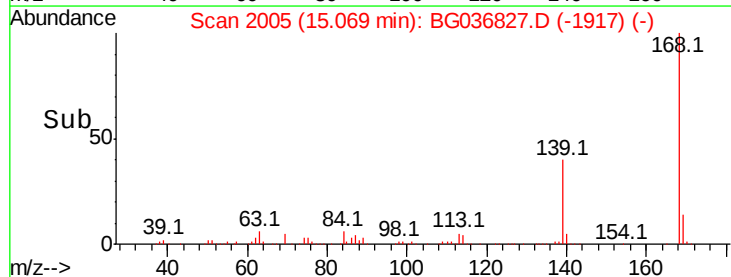
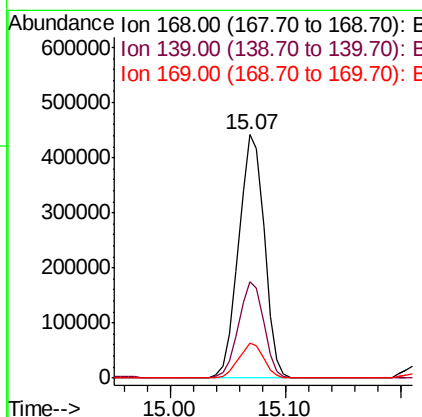
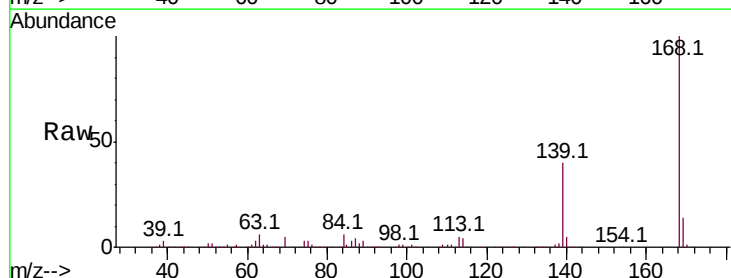
Instrument :
 BNA_G
 ClientSampled :

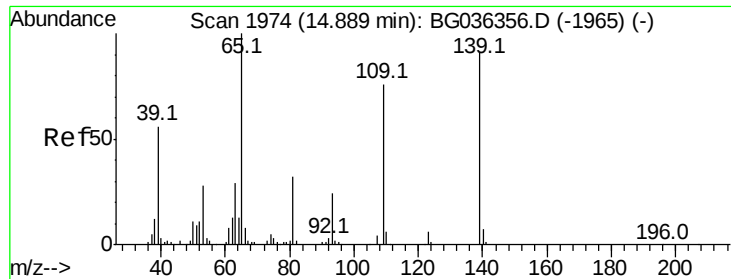
Tot Ion:184 Resp: 18493
 Ion Ratio Lower Upper
 184 100
 63 57.9 47.3 70.9
 154 56.9 51.1 76.7



#54
 Dibenzofuran
 Concen: 43.740 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:168 Resp: 681918
 Ion Ratio Lower Upper
 168 100
 139 39.6 31.0 46.6
 169 14.5 11.1 16.7

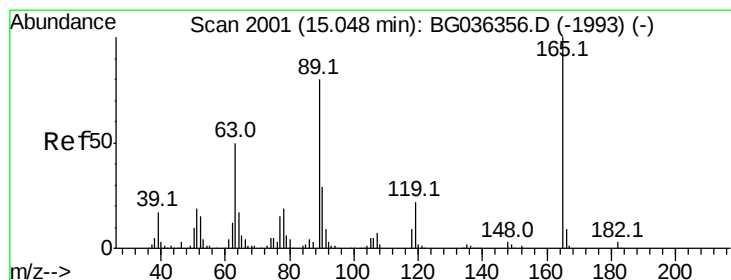
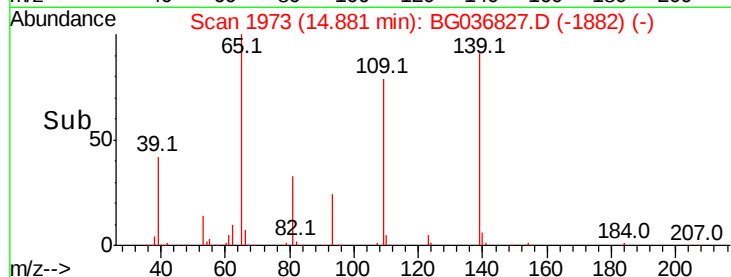
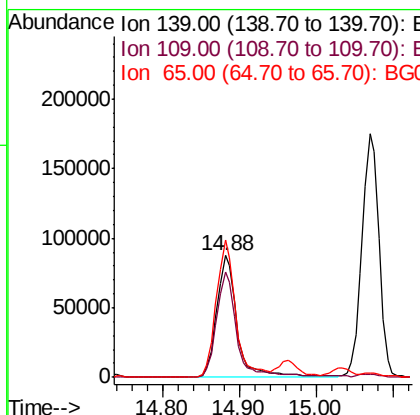
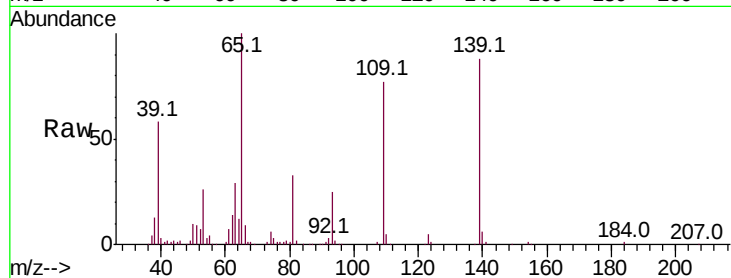




#55
4-Nitrophenol
Concen: 69.727 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

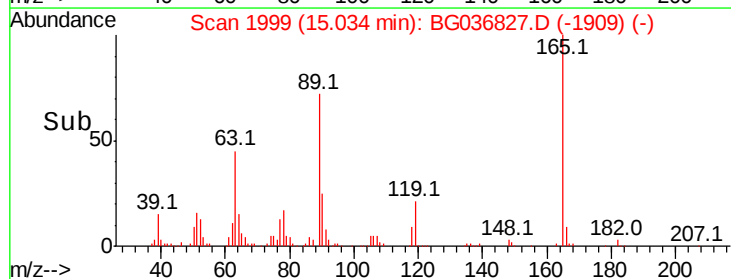
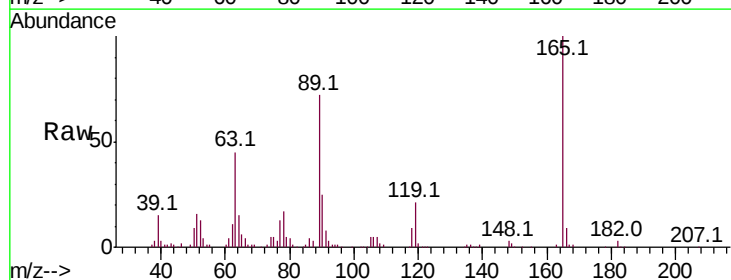
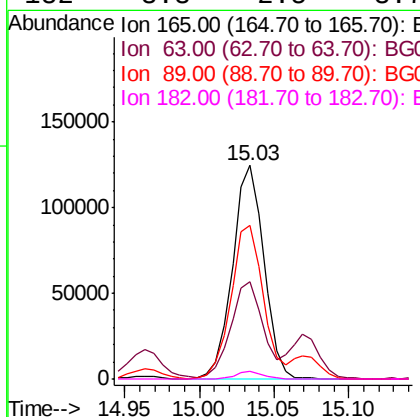
Instrument :
BNA_G
ClientSampleId :

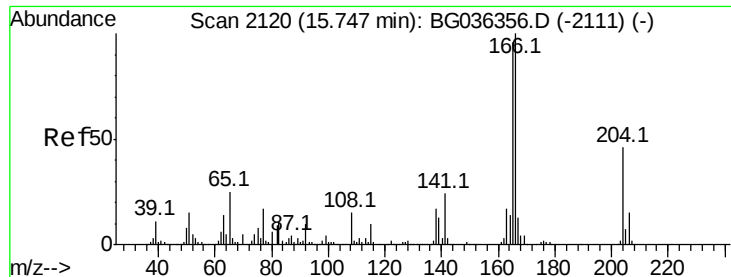
Tot Ion	Ratio	Lower	Upper
139	100		
109	86.8	63.9	103.9
65	113.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 53.105 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	40.1	60.1
89	71.9	63.7	95.5
182	3.3	2.5	3.7

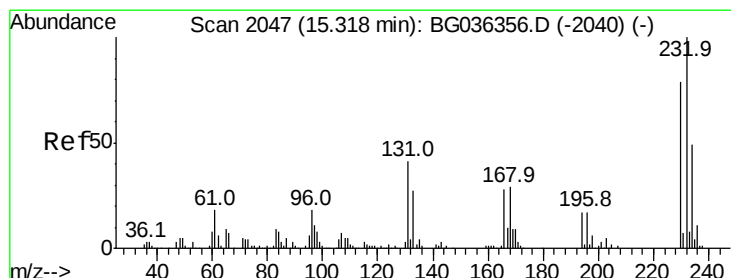
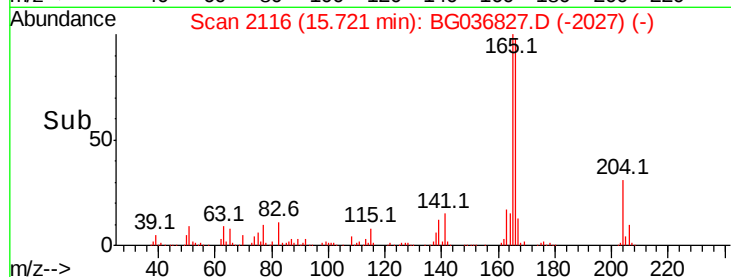
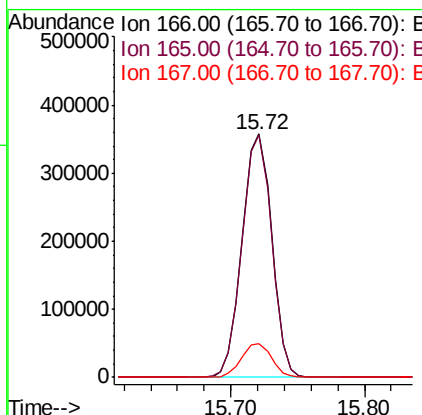
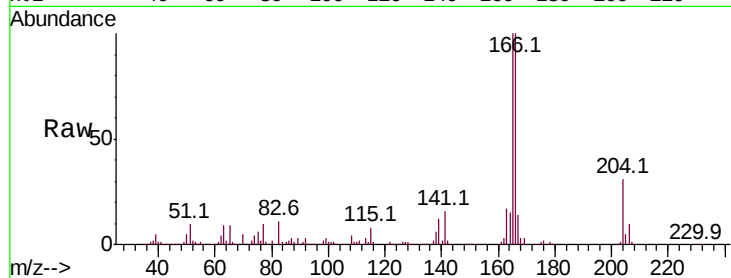




#57
 Fluorene
 Concen: 47.310 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

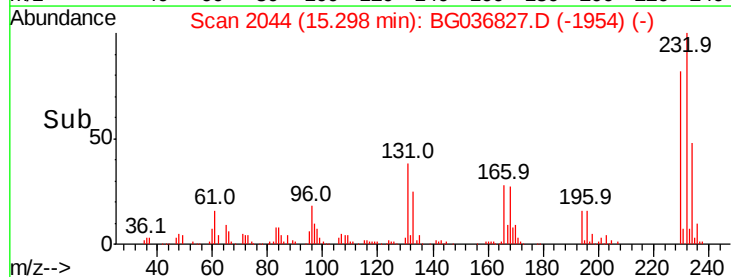
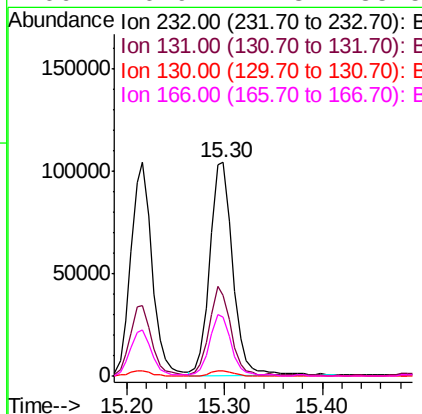
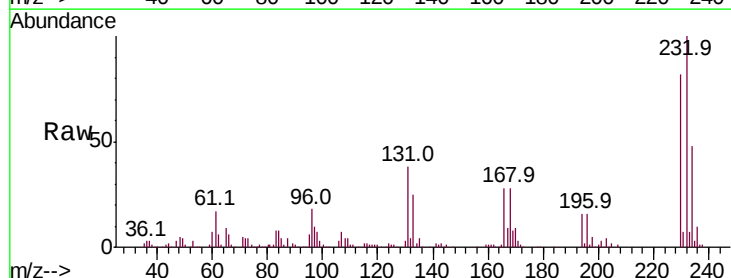
Instrument :
 BNA_G
 ClientSampleId :

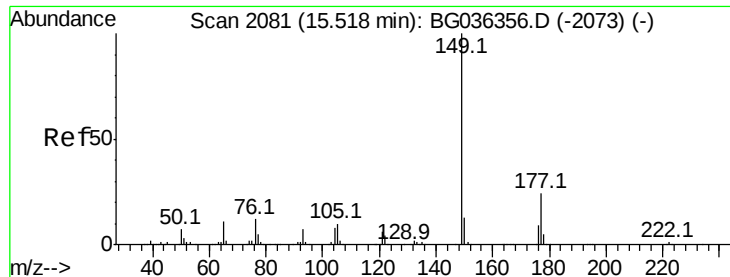
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.0	115.4
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.064 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
232	100		
231	38.0	33.8	50.8
130	2.5	2.1	3.1
166	26.9	22.3	33.5

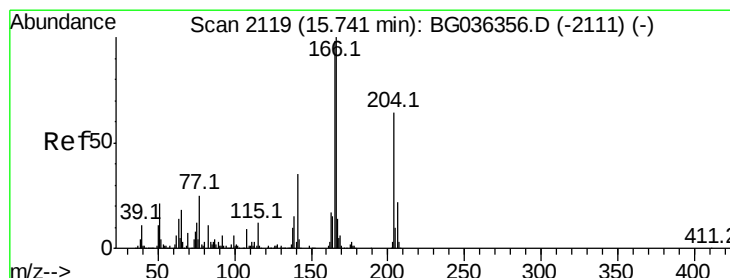
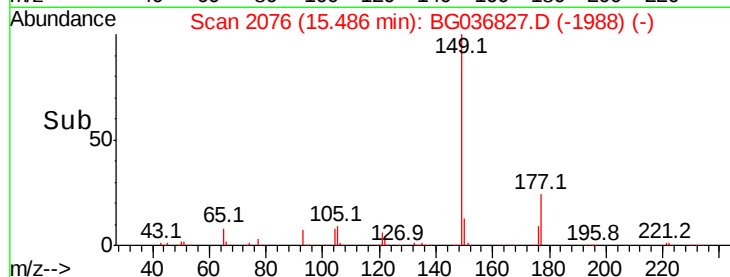
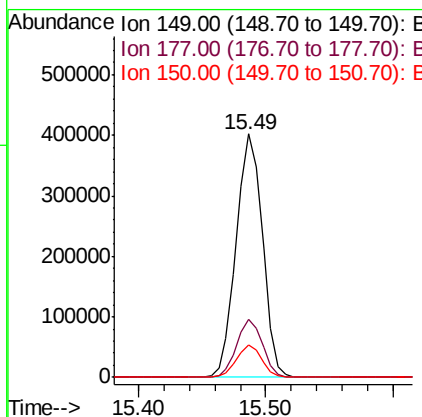
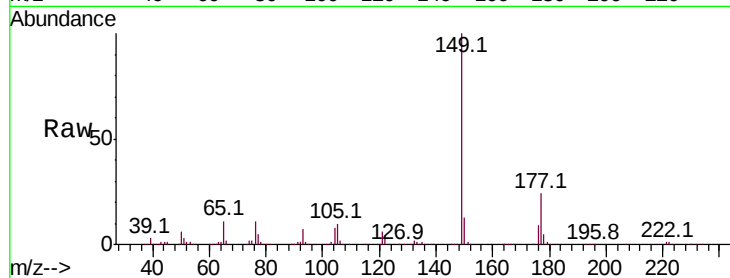




#59
 Diethylphthalate
 Concen: 44.648 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

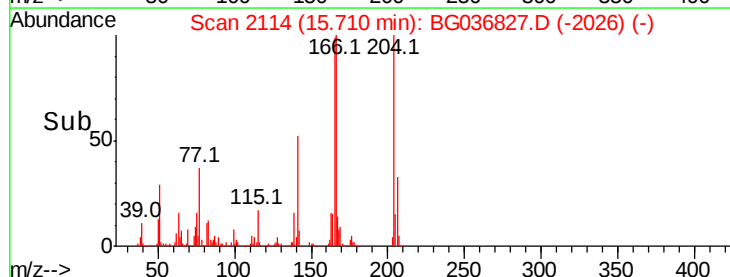
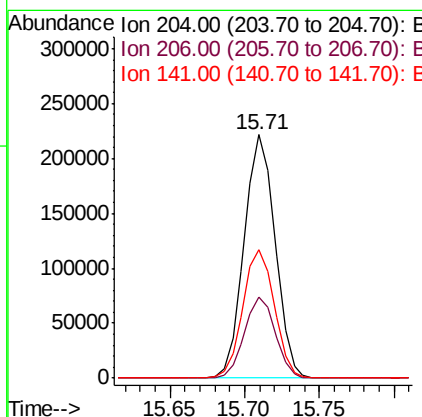
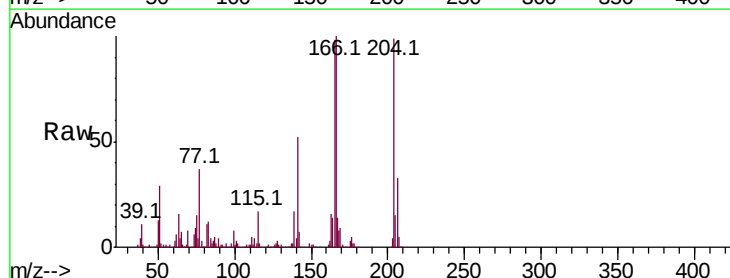
Instrument :
 BNA_G
 ClientSampled :

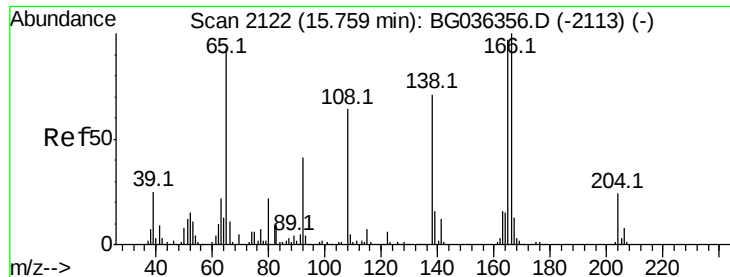
Tot Ion:	149	Resp:	576439
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.2	10.7	16.1



#60
 4-Chlorophenyl-phenylether
 Concen: 44.206 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:	204	Resp:	318137
Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.4
141	52.7	43.8	65.6

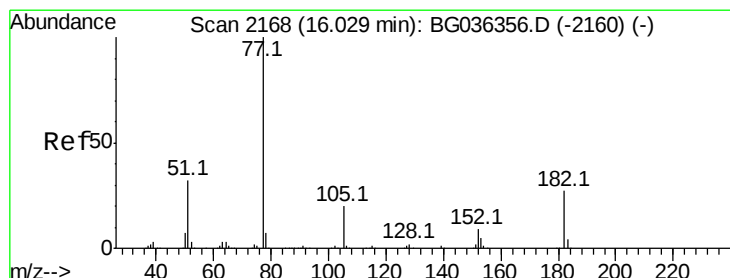
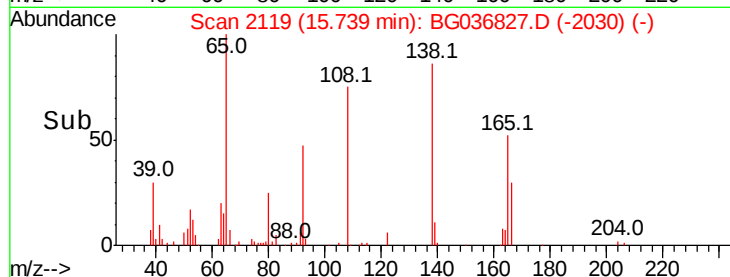
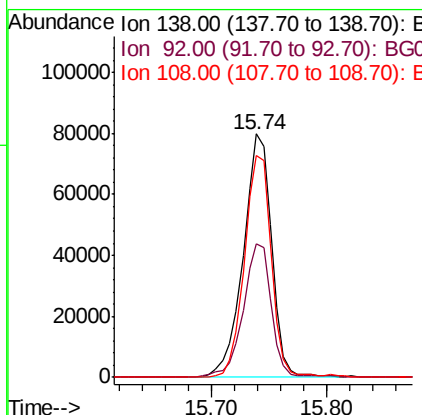
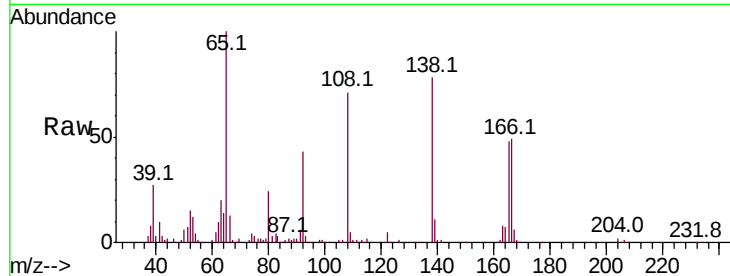




#61
4-Nitroaniline
Concen: 45.773 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

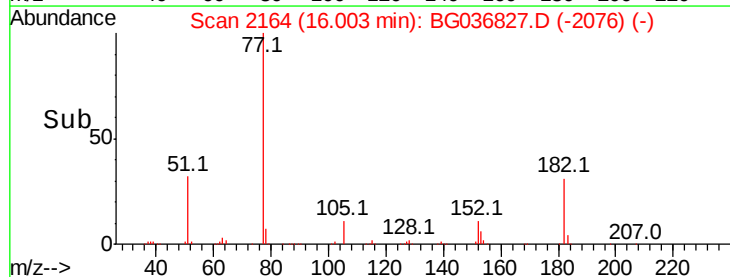
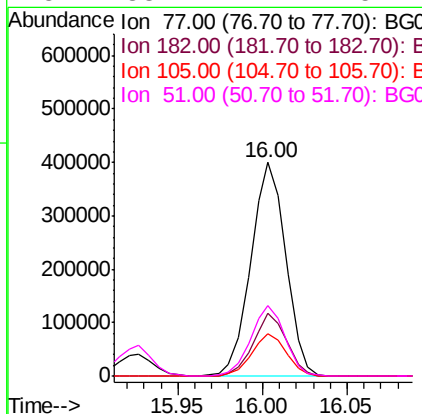
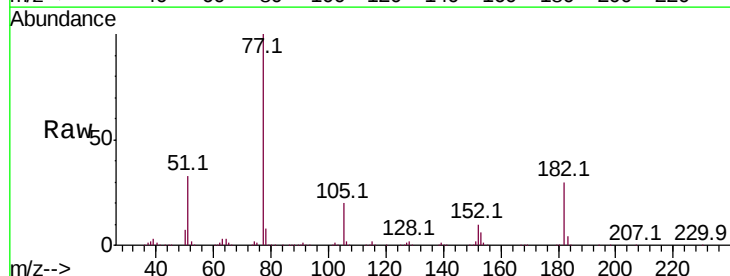
Instrument :
BNA_G
ClientSampled :

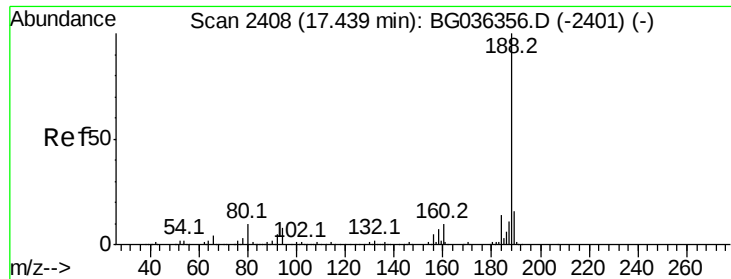
Tot Ion:138 Resp: 136071
Ion Ratio Lower Upper
138 100
92 54.8 38.5 78.5
108 91.3 70.3 110.3



#62
Azobenzene
Concen: 43.548 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion: 77 Resp: 572063
Ion Ratio Lower Upper
77 100
182 29.6 6.7 46.7
105 19.9 0.0 39.8
51 33.1 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.02 min

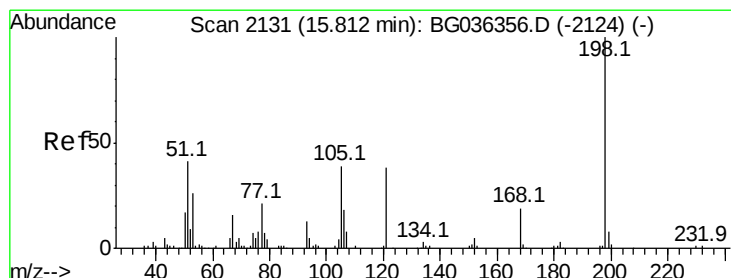
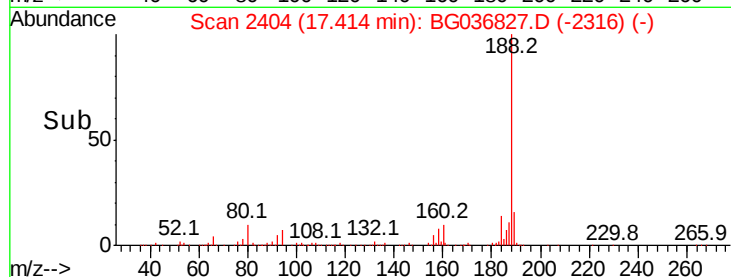
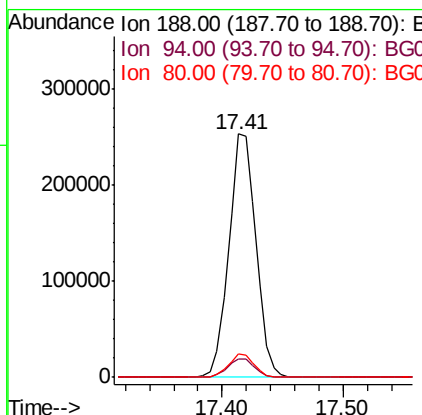
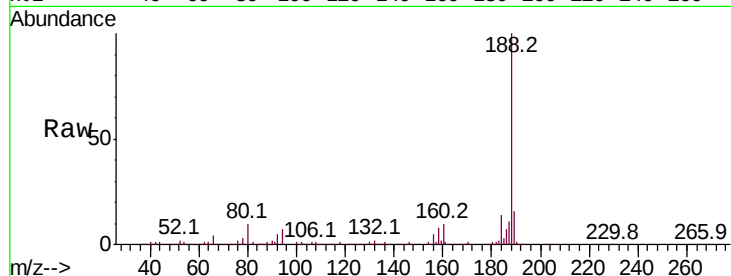
Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 394778

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.8	8.1	12.1



#64

4,6-Dinitro-2-methylphenol

Concen: 20.431 ng

RT: 15.80 min Scan# 2129

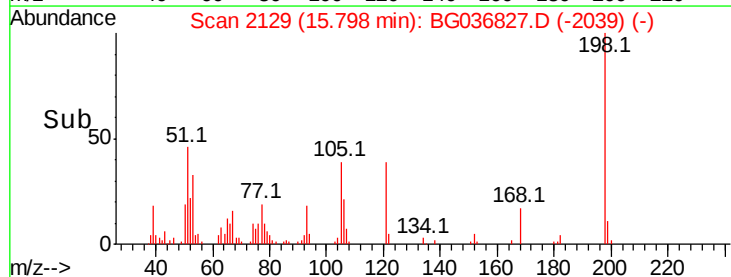
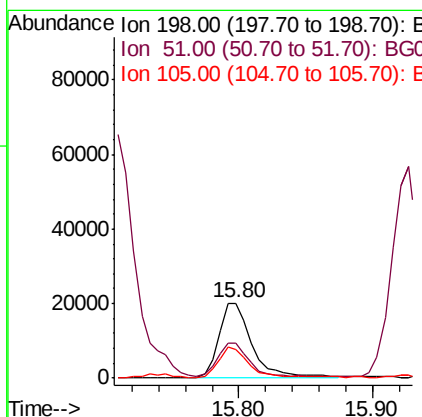
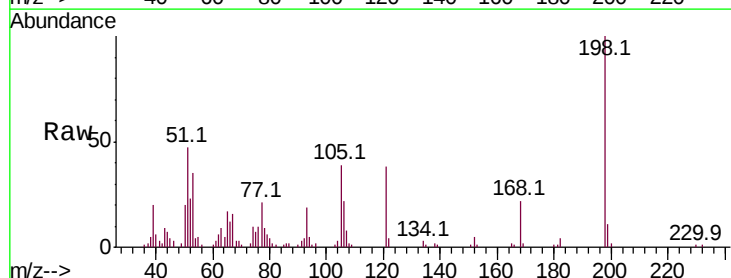
Delta R.T. -0.00 min

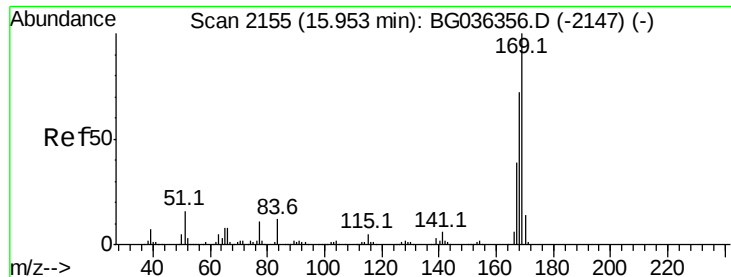
Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:198 Resp: 35431

Ion	Ratio	Lower	Upper
198	100		
51	46.6	26.5	66.5
105	38.8	20.2	60.2

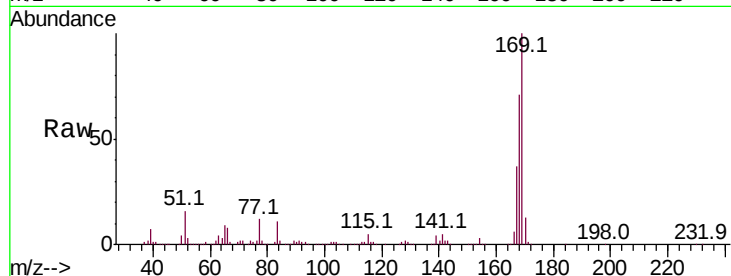




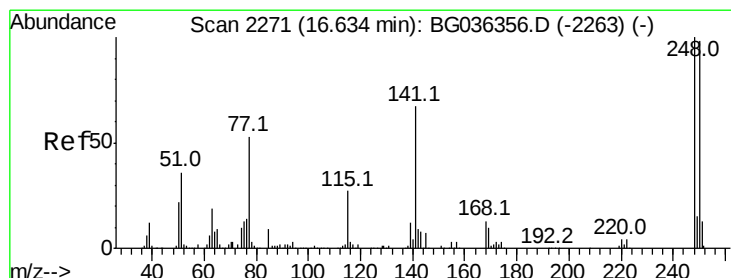
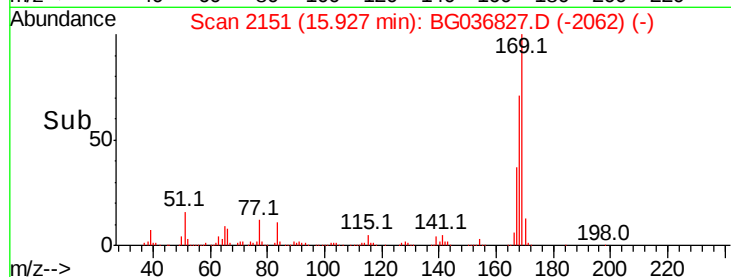
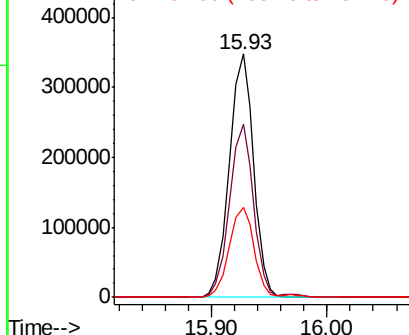
#65
n-Nitrosodiphenylamine
Concen: 43.000 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 504399
Ion Ratio Lower Upper
169 100
168 70.9 57.6 86.4
167 37.1 31.0 46.4

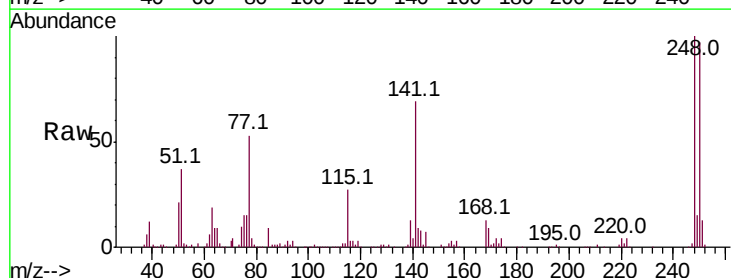


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

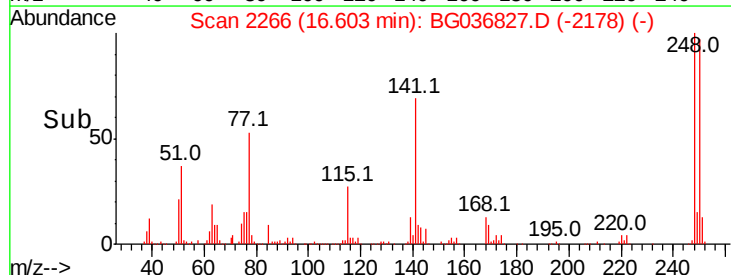
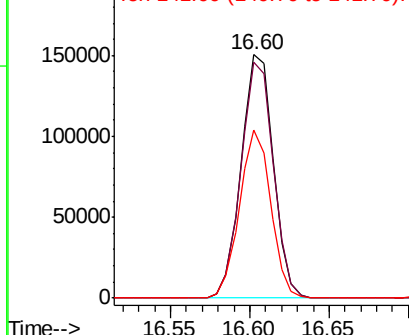


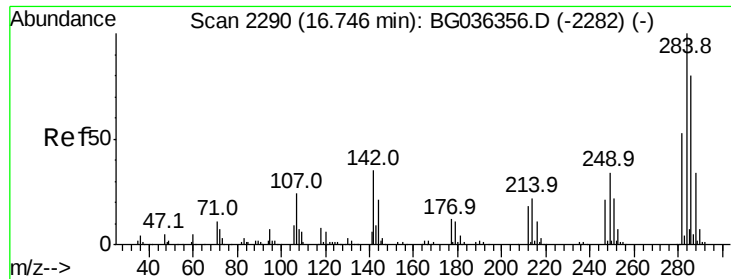
#66
4-Bromophenyl-phenylether
Concen: 45.918 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion:248 Resp: 212236
Ion Ratio Lower Upper
248 100
250 96.9 78.1 117.1
141 69.1 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

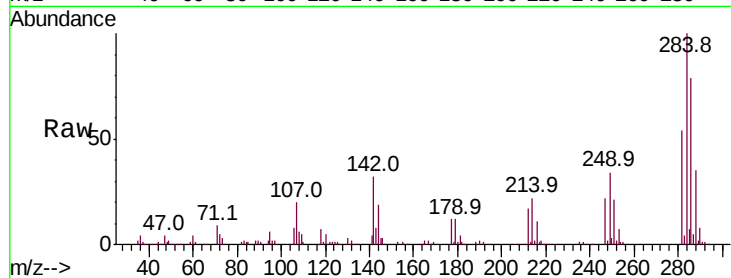




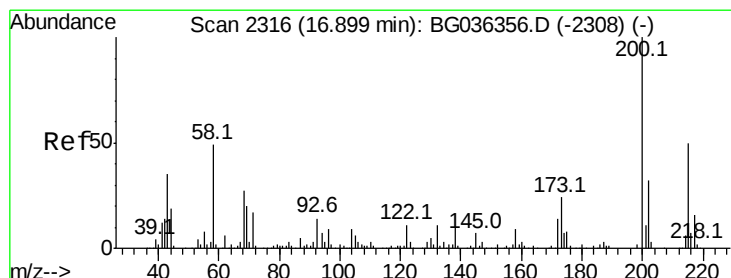
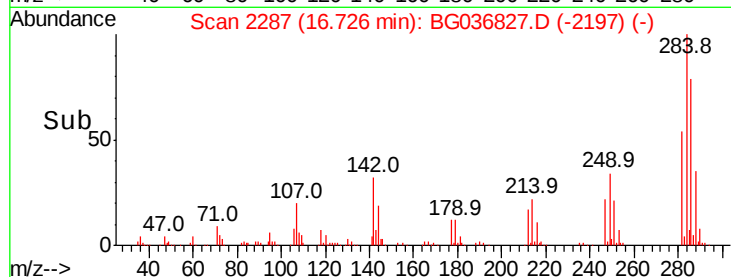
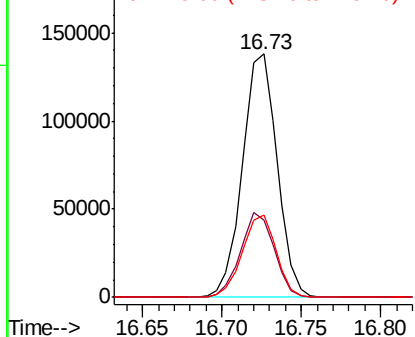
#67
Hexachlorobenzene
Concen: 44.340 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	27.8	41.6
249	33.9	27.4	41.2

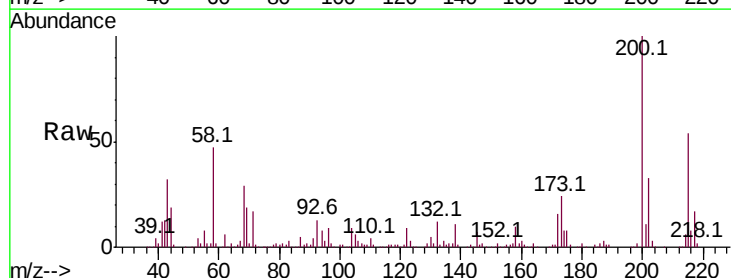


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

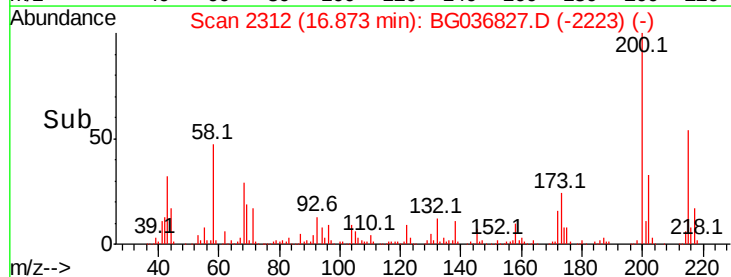
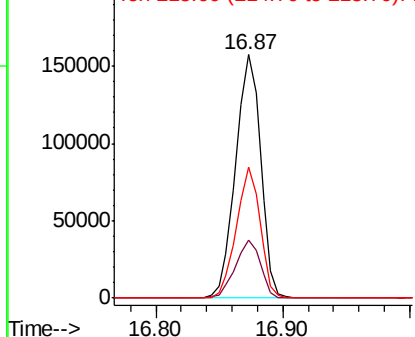


#68
Atrazine
Concen: 48.868 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	53.8	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

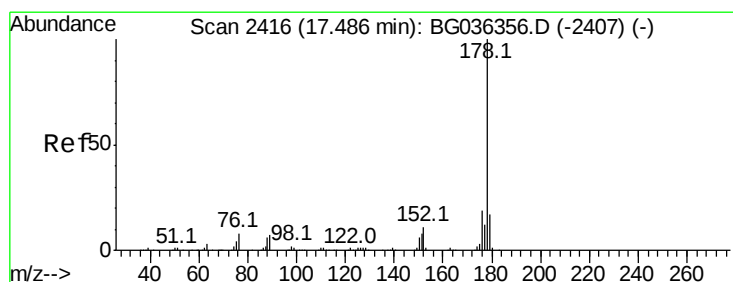
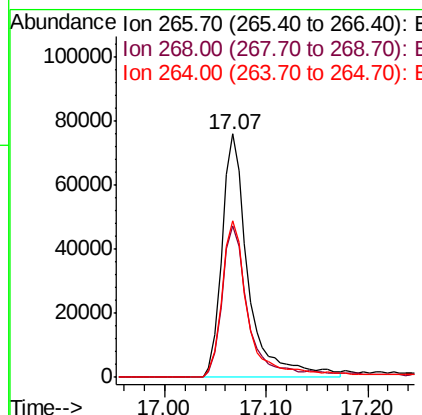
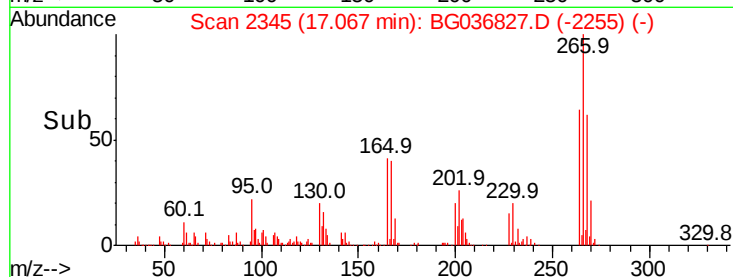
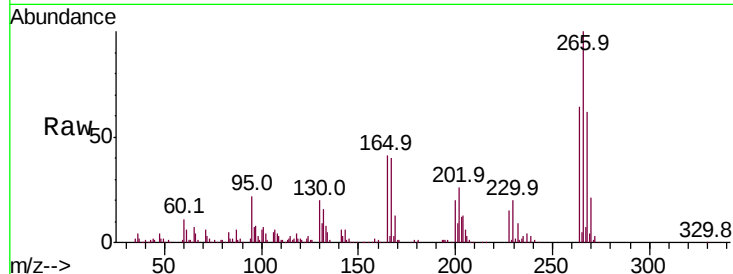




#69
 Pentachlorophenol
 Concen: 42.628 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

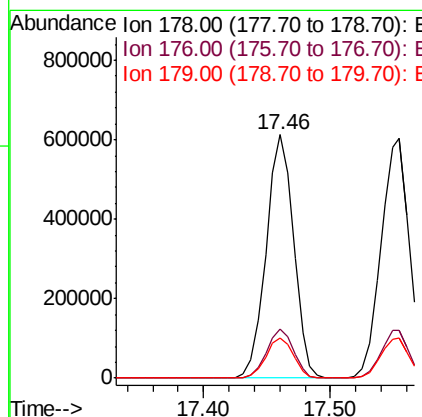
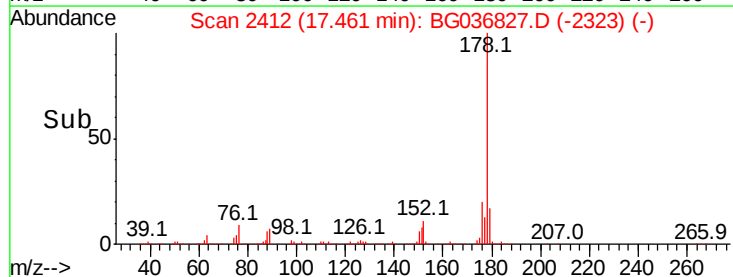
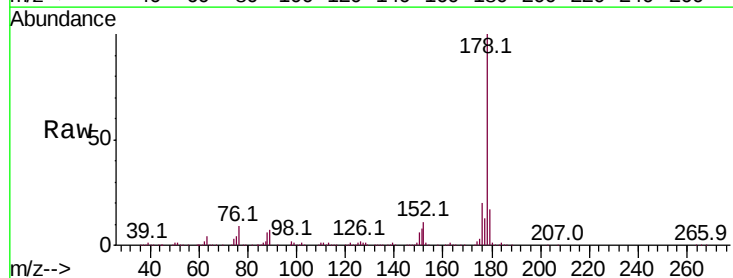
Instrument :
 BNA_G
 ClientSampleId :

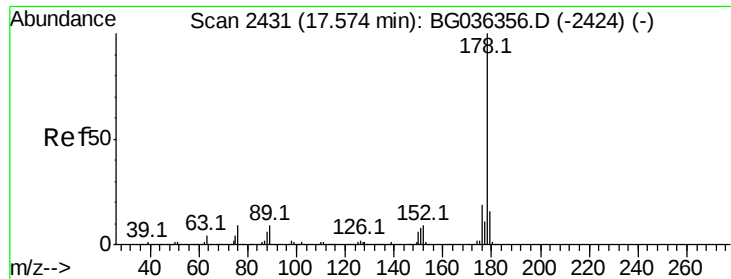
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.4	77.2
264	64.1	48.9	73.3



#70
 Phenanthrene
 Concen: 46.032 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.7	13.4	20.2

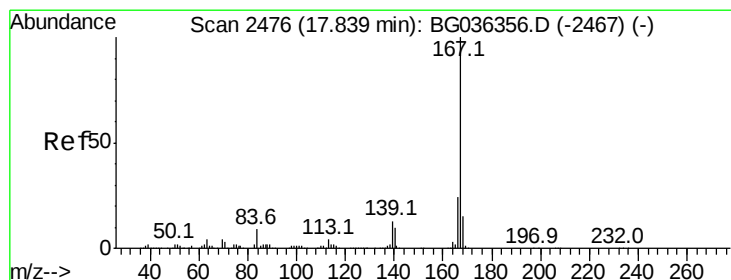
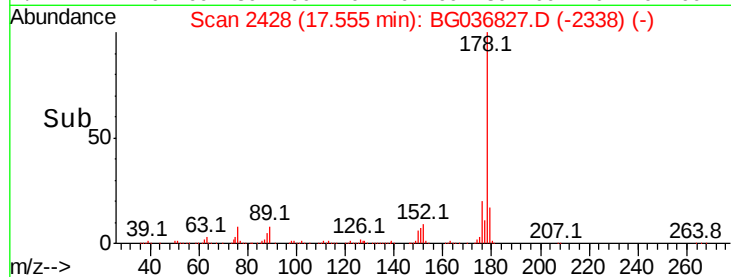
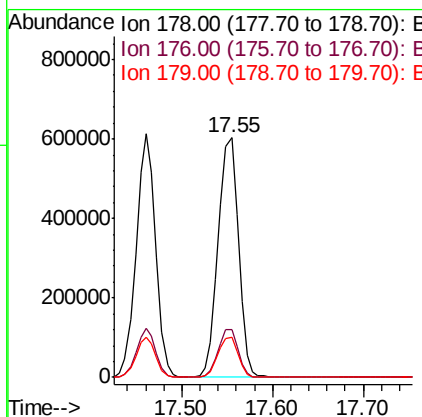
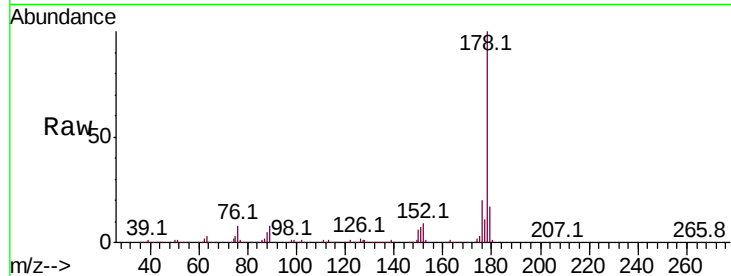




#71
 Anthracene
 Concen: 47.039 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

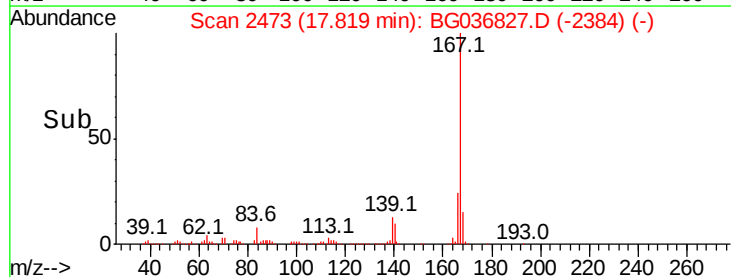
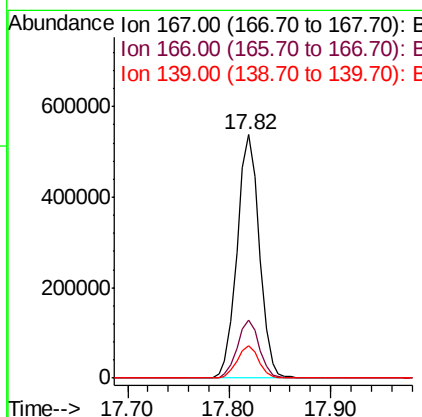
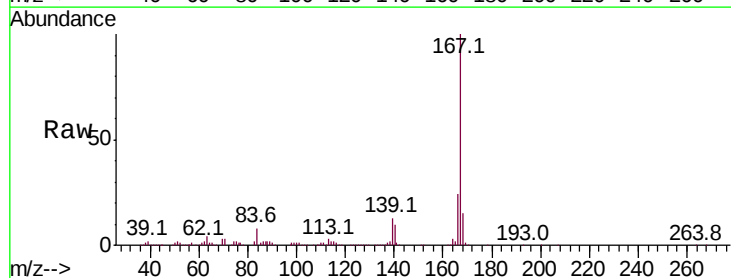
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.8	13.0	19.4



#72
 Carbazole
 Concen: 41.079 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.5	29.3
139	13.4	10.7	16.1

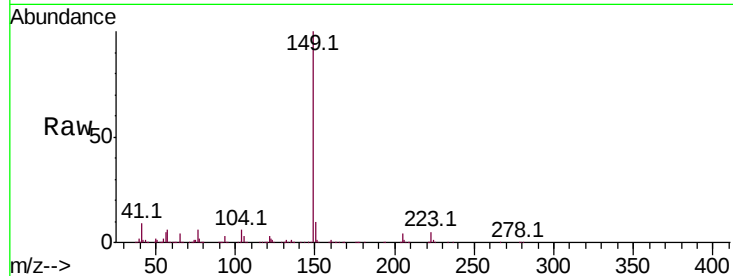




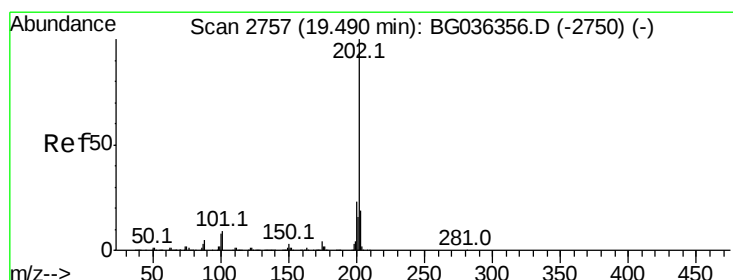
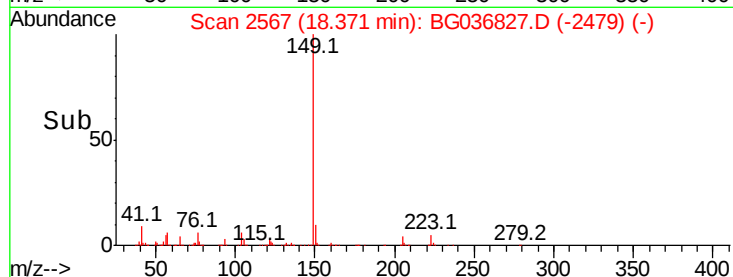
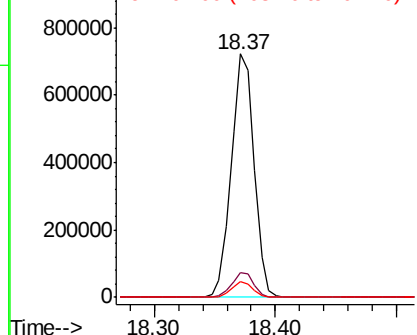
#73
Di-n-butylphthalate
Concen: 42.659 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.2	4.6	6.8

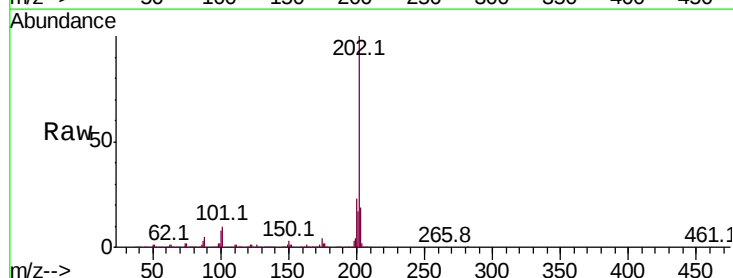


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

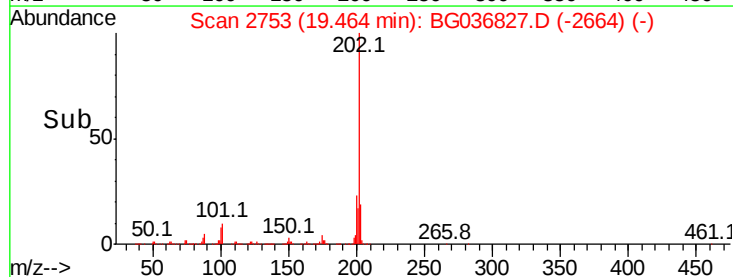
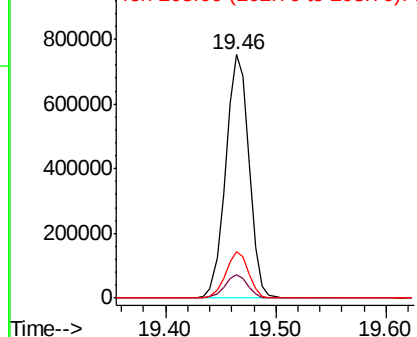


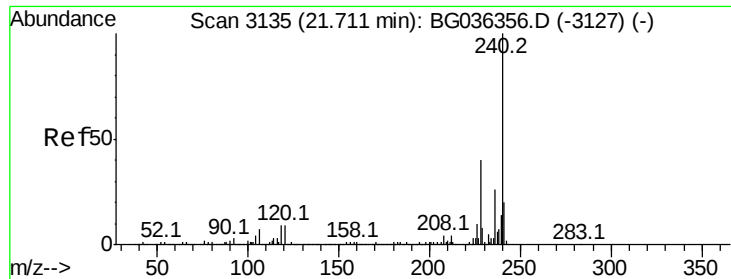
#74
Fluoranthene
Concen: 45.369 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
203	19.3	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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

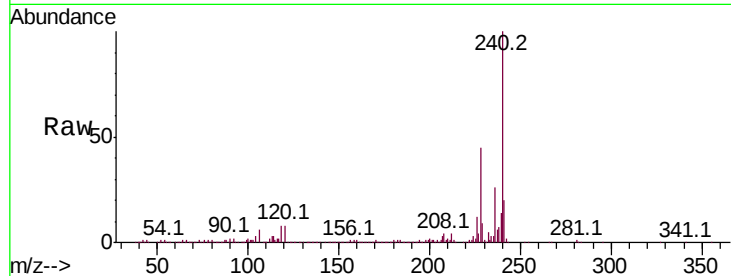
Tot Ion:240 Resp: 386274

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

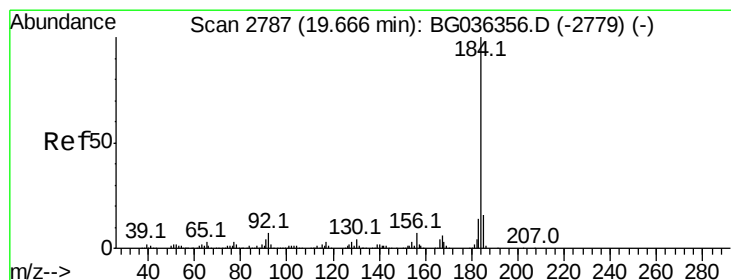
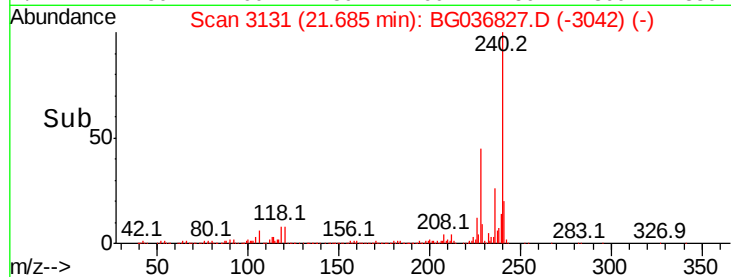
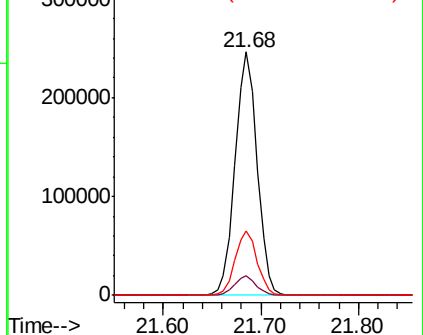
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.949 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

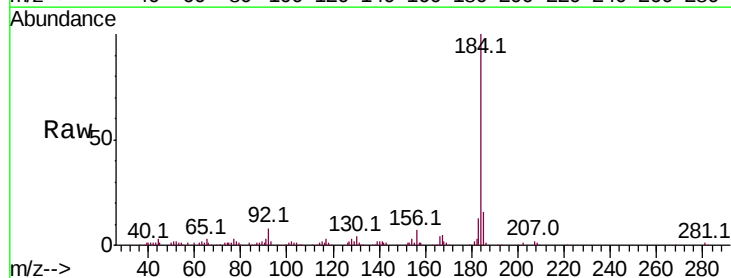
Tgt Ion:184 Resp: 110282

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

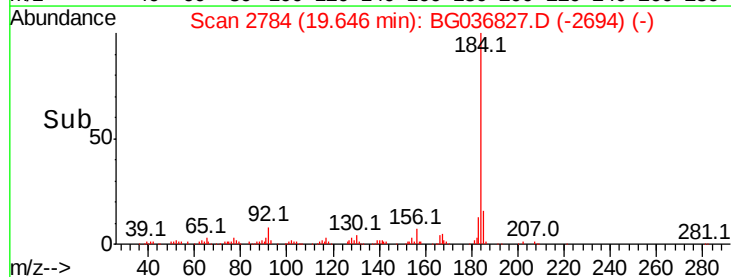
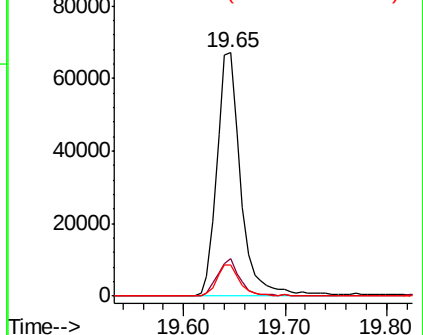
183 12.9 10.9 16.3

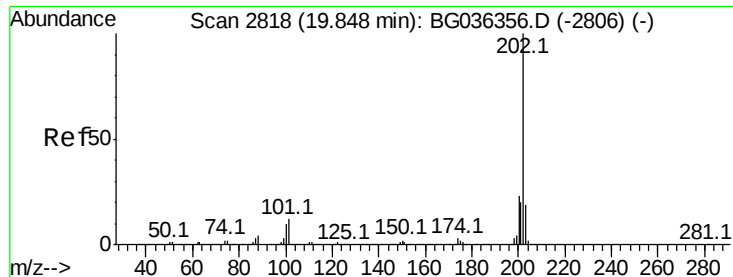


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

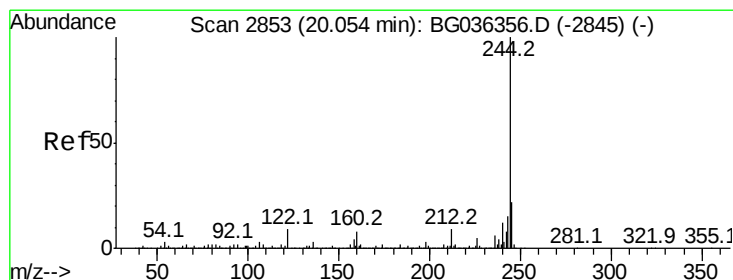
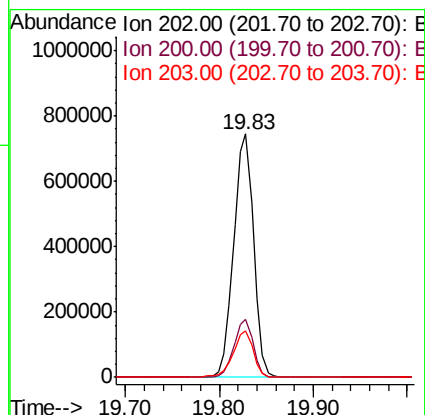
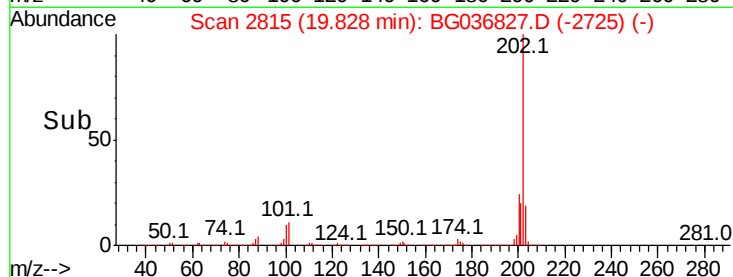
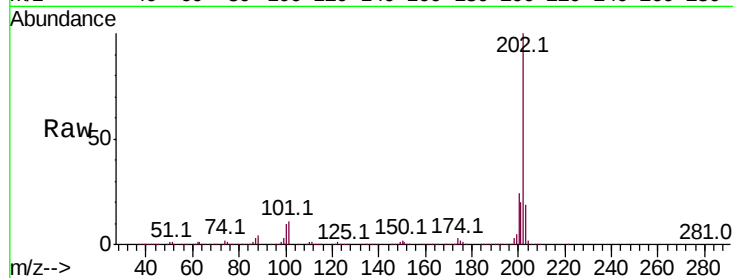




#77
Pvrene
Concen: 46.030 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

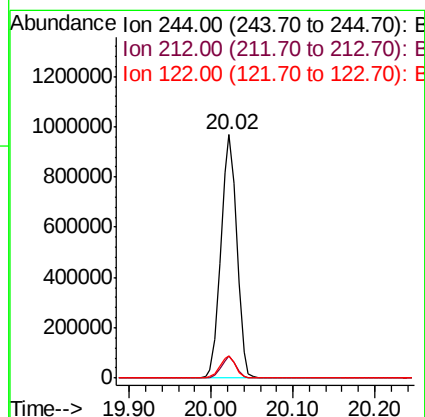
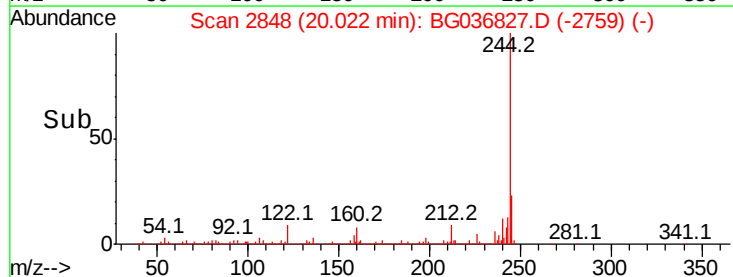
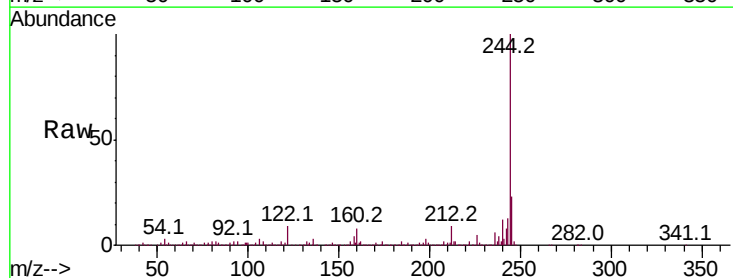
Instrument :
BNA_G
ClientSampled :

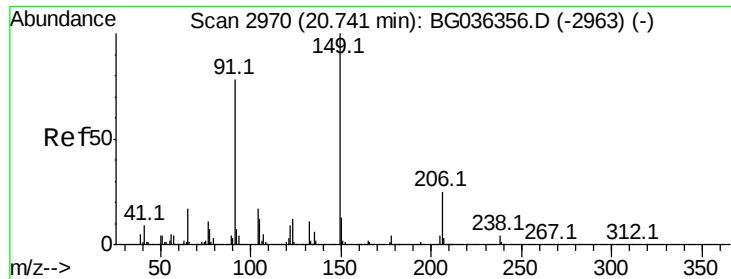
Tot Ion:202 Resp: 1093383
Ion Ratio Lower Upper
202 100
200 23.9 18.3 27.5
203 19.3 15.1 22.7



#78
Terphenyl-d14
Concen: 79.532 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion:244 Resp: 1314361
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 8.9 7.1 10.7

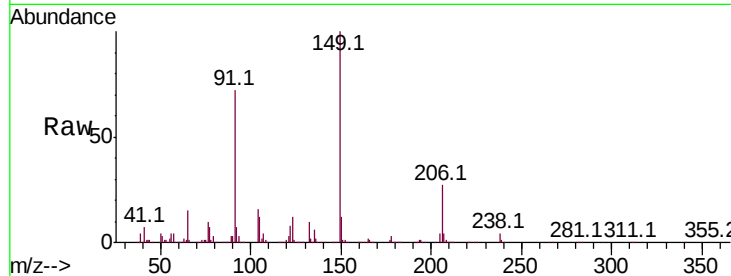




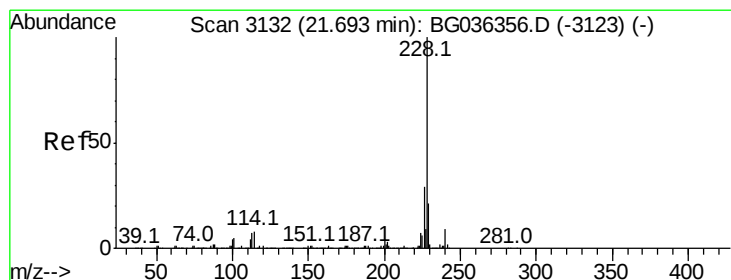
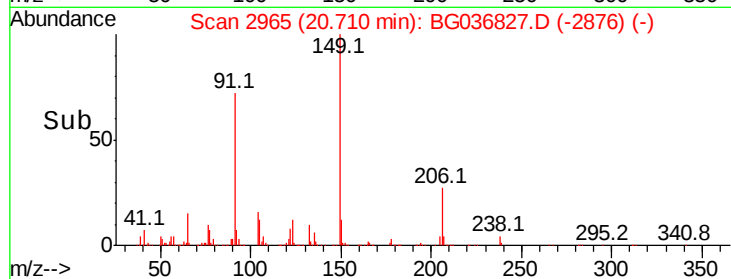
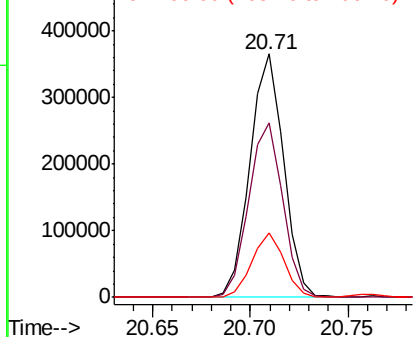
#79
 Butylbenzylphthalate
 Concen: 46.241 ng
 RT: 20.71 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	62.0	93.0
206	26.5	19.6	29.4

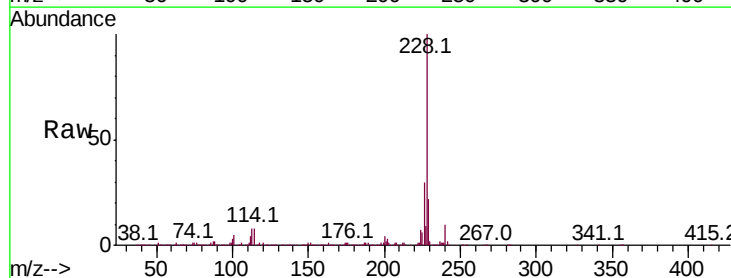


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

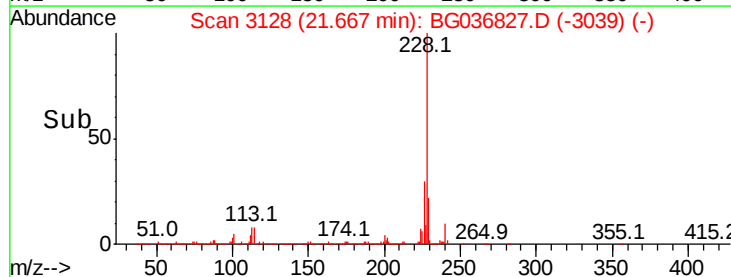
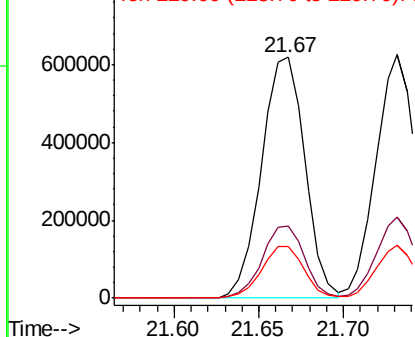


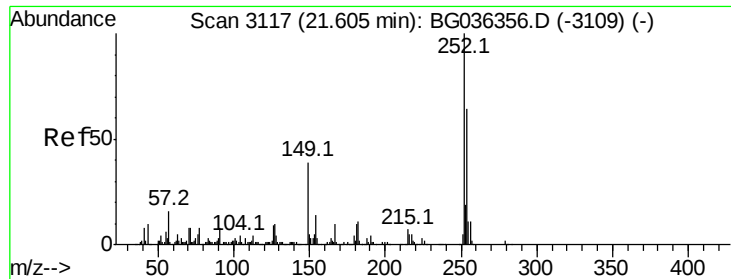
#80
 Benzo(a)anthracene
 Concen: 46.793 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.6	17.1	25.7



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

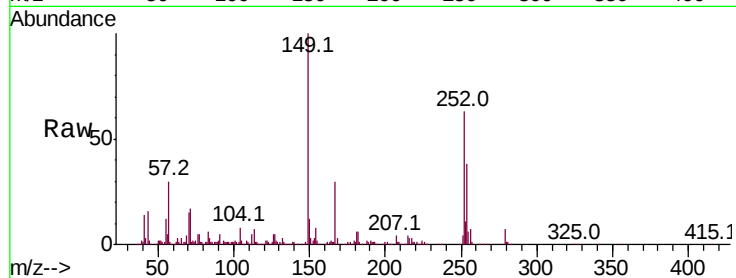




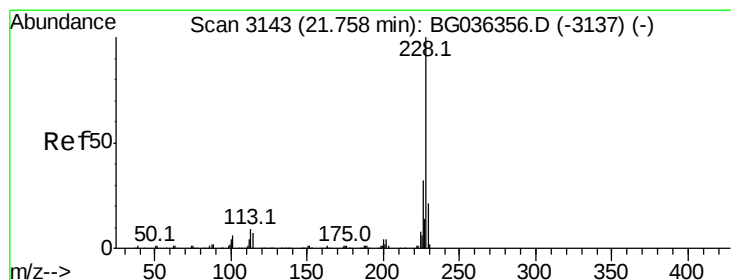
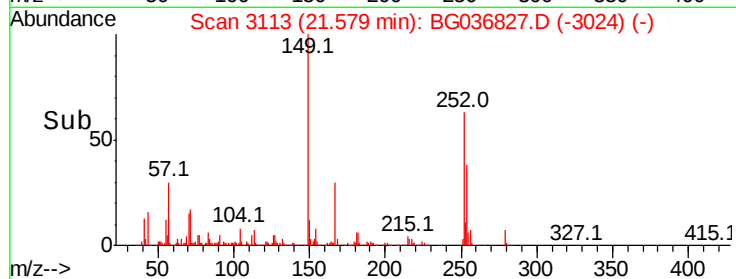
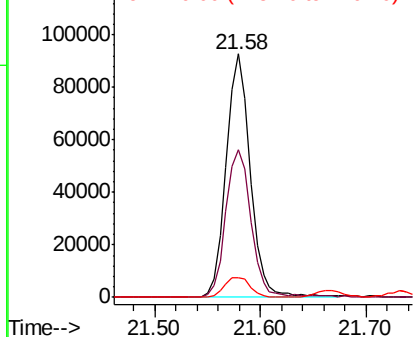
#81
 3,3'-Dichlorobenzidine
 Concen: 15.702 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 146440
 Ion Ratio Lower Upper
 252 100
 254 60.6 51.0 76.4
 126 8.3 7.4 11.0

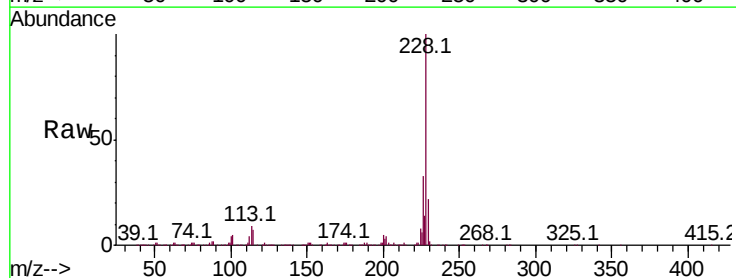


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

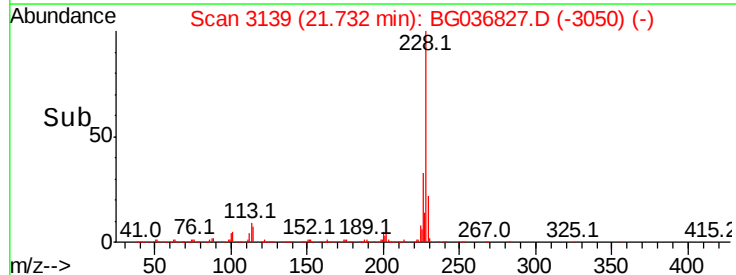
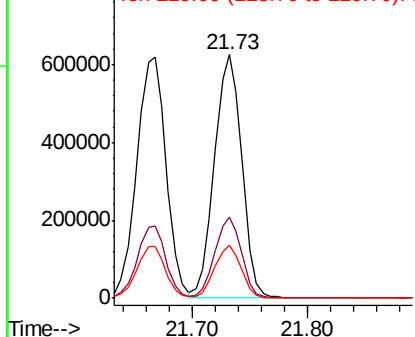


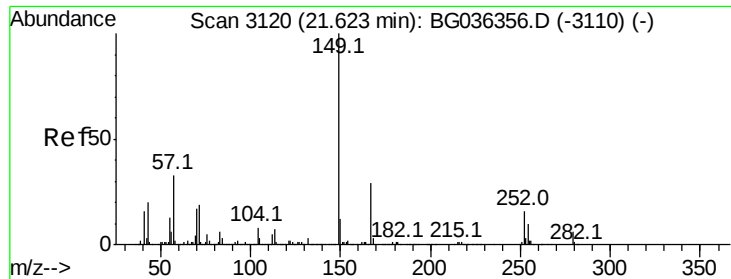
#82
 Chrysene
 Concen: 46.025 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:228 Resp: 1020875
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.5 38.3
 229 21.9 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

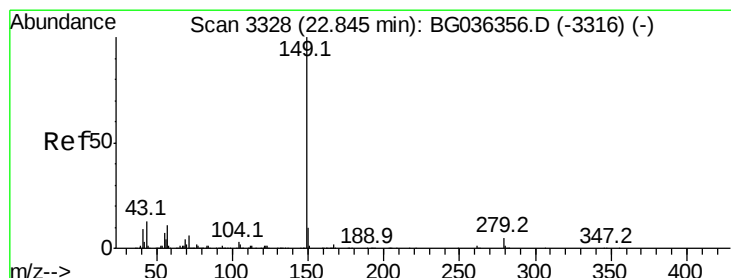
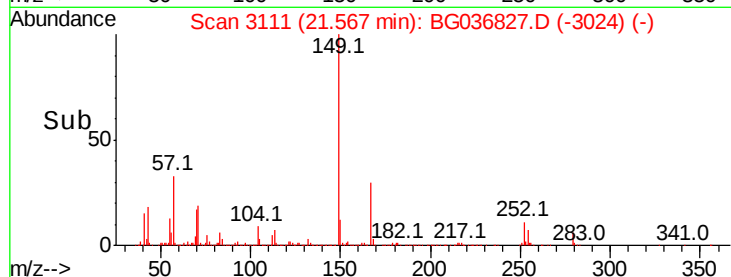
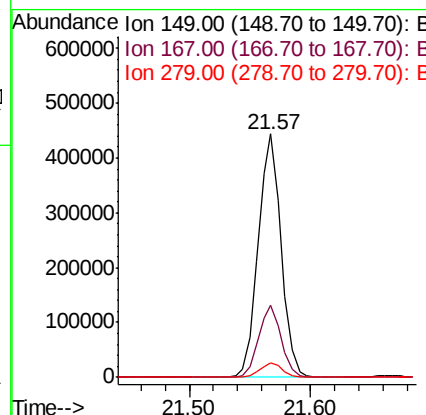
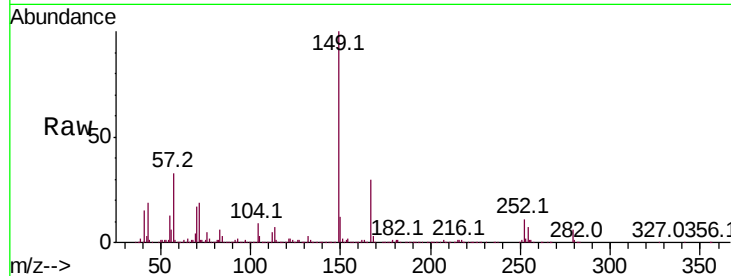




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.210 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

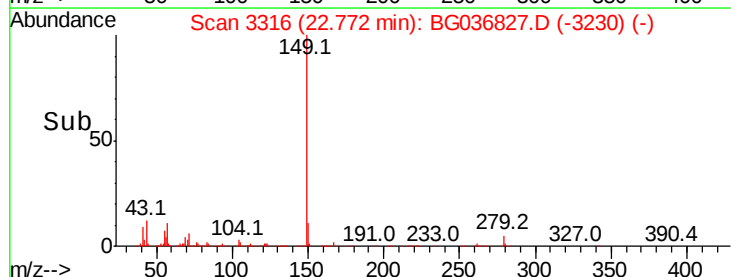
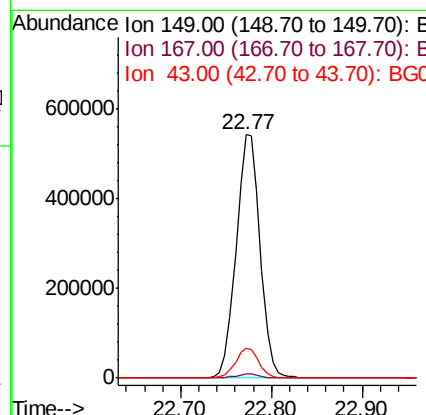
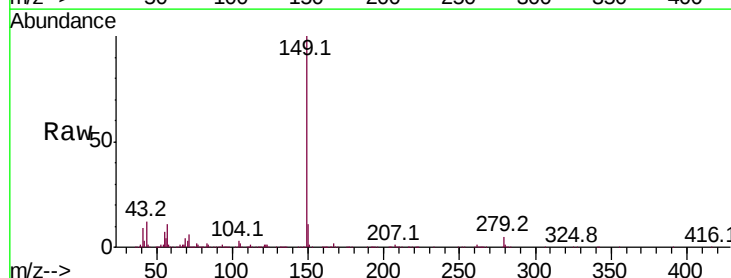
Instrument :
 BNA_G
 ClientSampleId :

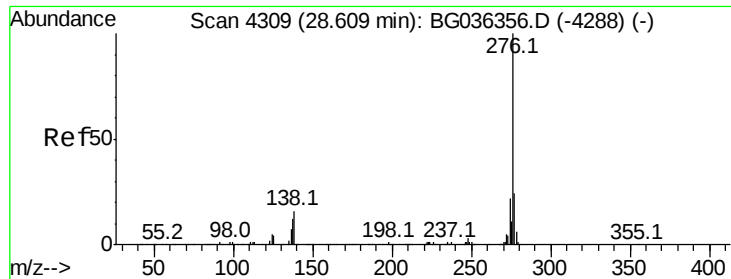
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	5.9	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 44.872 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.03 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.9	10.0	15.0

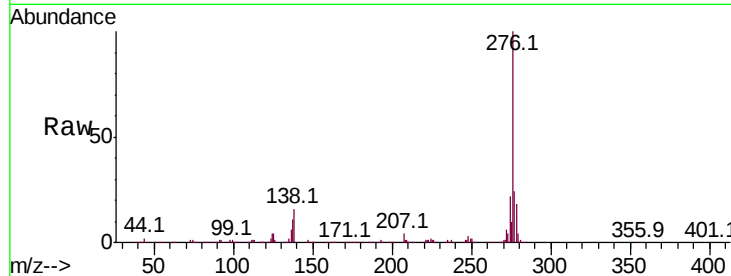




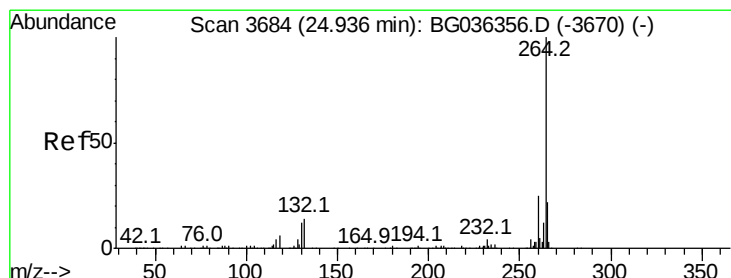
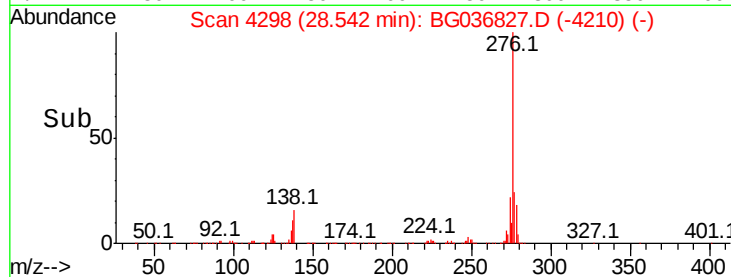
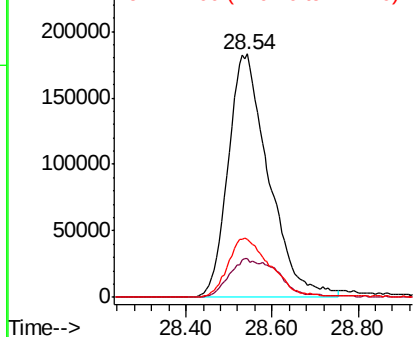
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.519 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1198470
 Ion Ratio Lower Upper
 276 100
 138 10.5 10.6 15.8#
 277 25.5 20.6 30.8

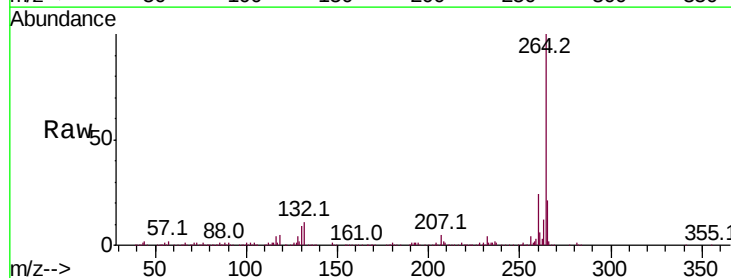


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

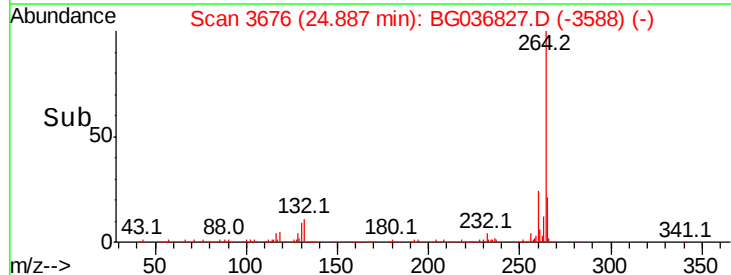
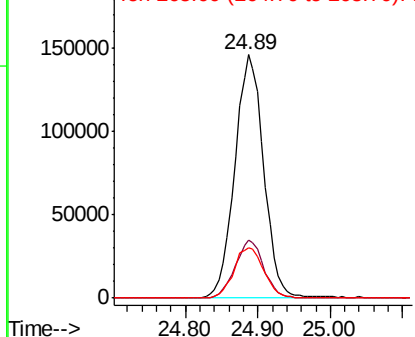


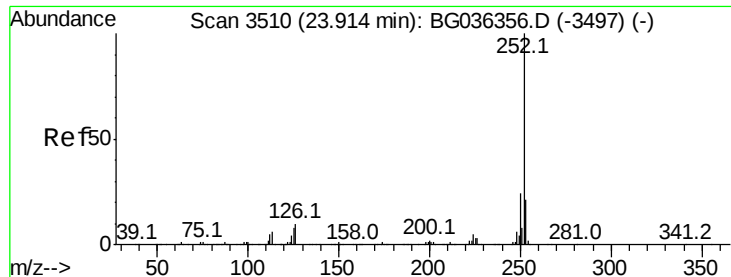
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:264 Resp: 404764
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.9 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: 47.952 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

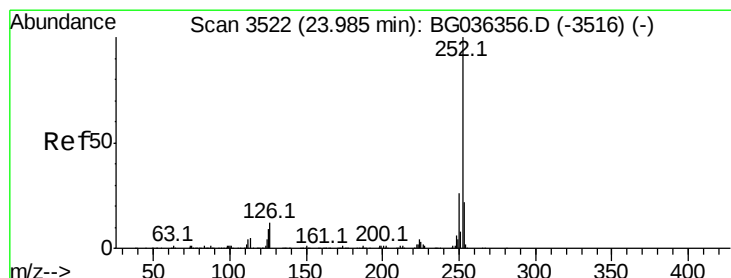
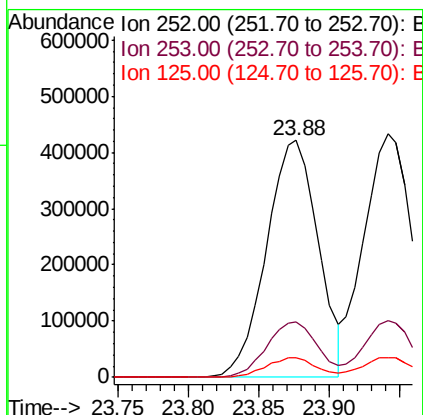
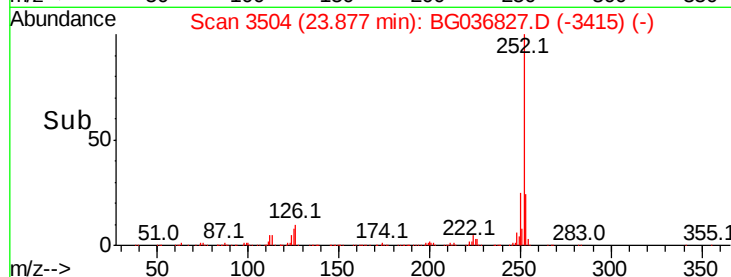
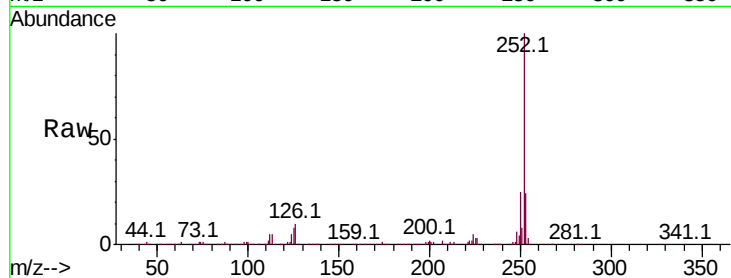
Tot Ion:252 Resp: 1077804

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

125 8.2 6.6 10.0



#88

Benzo(k)fluoranthene

Concen: 47.678 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

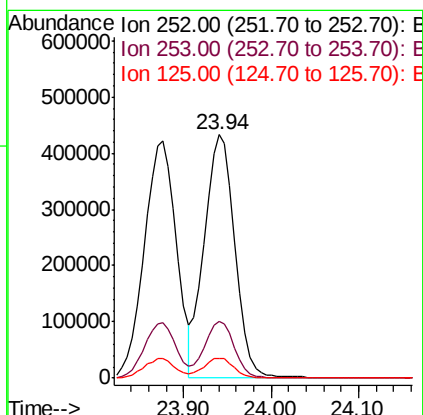
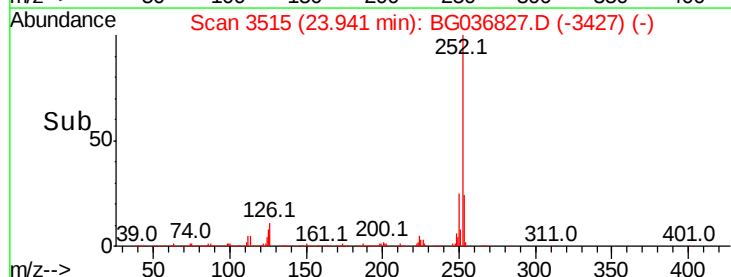
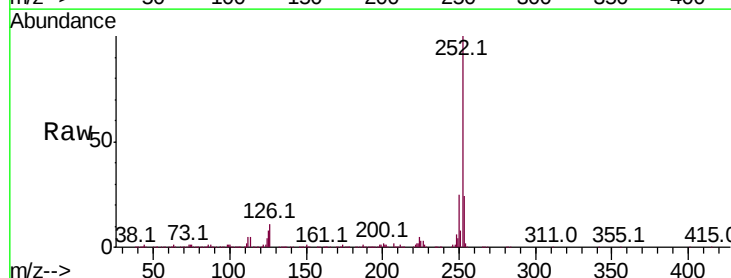
Tgt Ion:252 Resp: 1046953

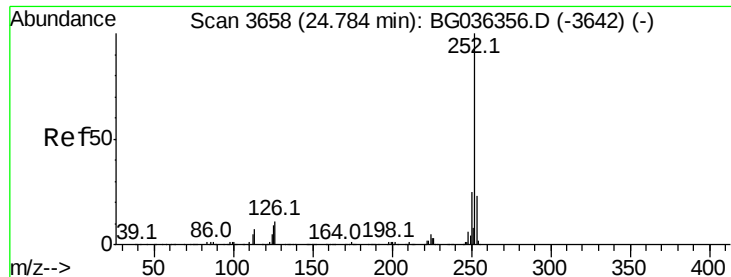
Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 8.1 7.0 10.6





#89

Benzo(a)pyrene

Concen: 48.479 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

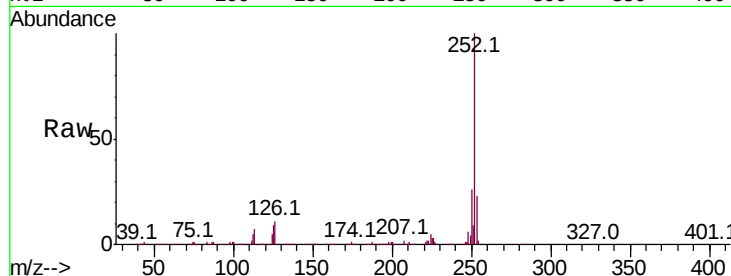
Tot Ion:252 Resp: 1047071

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.3	10.9

252 100

253 23.1 18.2 27.2

125 8.9 7.3 10.9

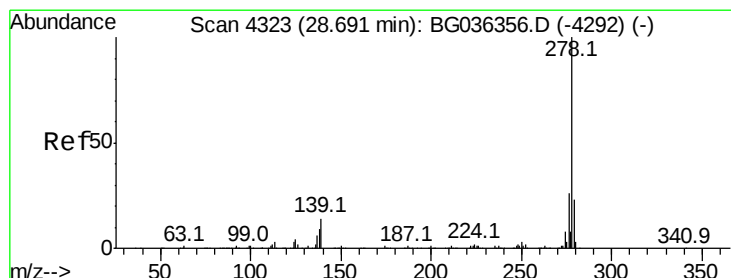
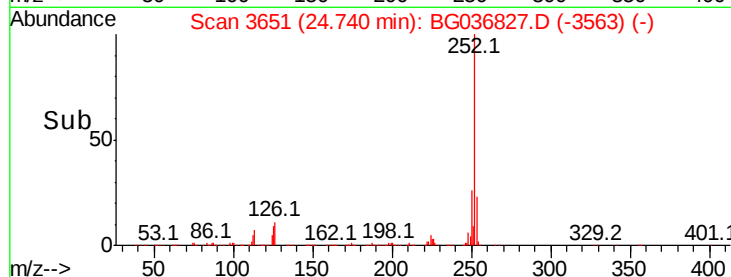
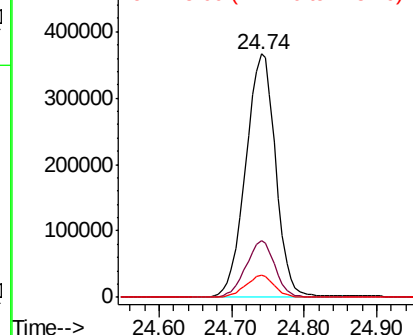


Abundance

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: 47.887 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

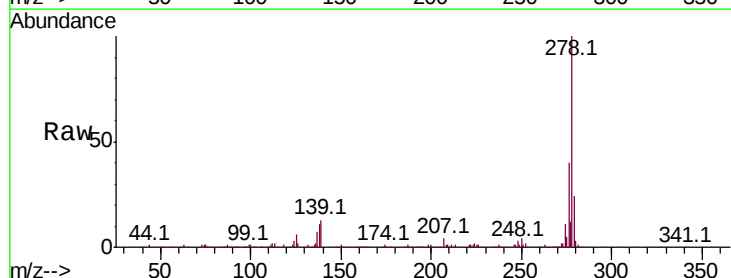
Tgt Ion:278 Resp: 998486

Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.0	16.4
279	23.9	18.7	28.1

278 100

139 12.5 11.0 16.4

279 23.9 18.7 28.1

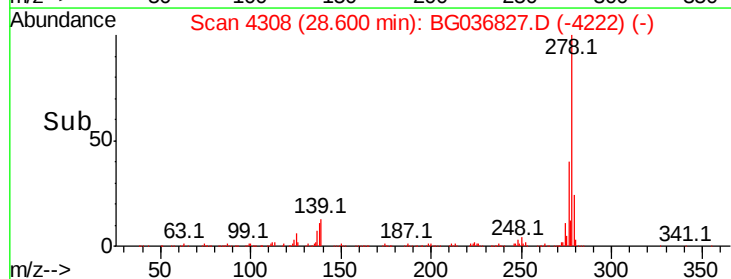
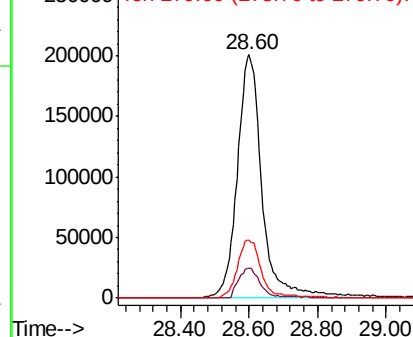


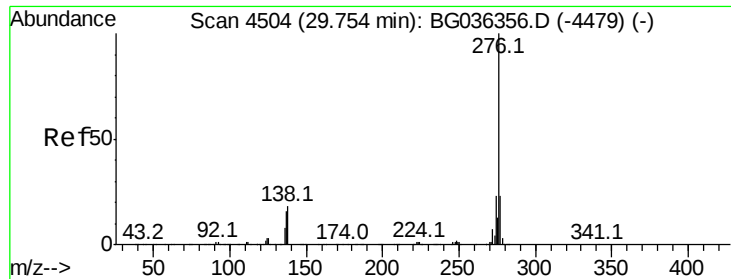
Abundance

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

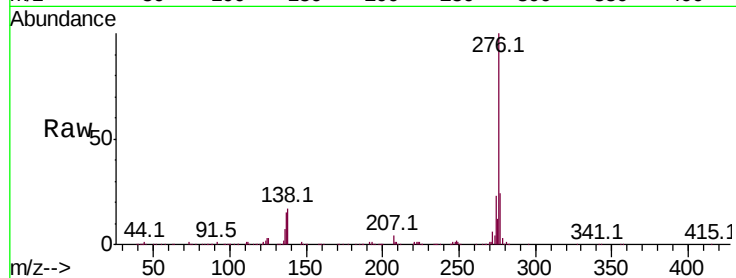




#91
 Benzo(a,h,i)perylene
 Concen: 46.490 ng
 RT: 29.68 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	17.1	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

