

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036505.D
 Acq On : 31 Aug 2018 14:33
 Operator : JU/SJ
 Sample : J4663-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 16:15:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64264	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	259028	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	170851	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	448959	20.00	ng	0.00
75) Chrysene-d12	21.70	240	457840	20.00	ng	0.00
86) Perylene-d12	24.90	264	482737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	489893	120.93	ng	0.00
7) Phenol-d6	7.22	99	625613	107.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	453993	95.09	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	323141	158.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1018605	85.13	ng	0.00
78) Terphenyl-d14	20.03	244	1774541	90.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58426	30.903	ng	# 86
3) Pyridine	3.94	79	156935	29.572	ng	96
4) n-Nitrosodimethylamine	3.85	42	87325	36.944	ng	89
6) Aniline	7.38	93	118860	16.144	ng	96
8) 2-Chlorophenol	7.62	128	184050	41.893	ng	96
9) Benzaldehyde	7.20	77	99977	25.030	ng	97
10) Phenol	7.24	94	226356	37.291	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	187604	38.985	ng	97
12) 1,3-Dichlorobenzene	7.95	146	196243	39.120	ng	98
13) 1,4-Dichlorobenzene	8.09	146	197293	38.954	ng	99
14) 1,2-Dichlorobenzene	8.42	146	186765	38.612	ng	99
15) Benzyl Alcohol	8.29	79	187202	40.036	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	340072	35.042	ng	98
17) 2-Methylphenol	8.49	107	171333	42.509	ng	99
18) Hexachloroethane	9.15	117	70986	39.091	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	157081	36.236	ng	94
20) 3+4-Methylphenols	8.82	107	232294	41.281	ng	98
22) Acetophenone	8.88	105	298553	43.892	ng	97
24) Nitrobenzene	9.26	77	237105	46.057	ng	95
25) Isophorone	9.79	82	445506	46.974	ng	97
26) 2-Nitrophenol	9.97	139	101687	49.846	ng	94
27) 2,4-Dimethylphenol	10.03	122	189626	50.207	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	260288	44.718	ng	98
29) 2,4-Dichlorophenol	10.51	162	206729	49.944	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	208637	43.087	ng	97
31) Naphthalene	10.92	128	614141	47.429	ng	99
32) Benzoic acid	10.14	122	76164	29.141	ng	96
33) 4-Chloroaniline	11.02	127	22906	3.860	ng	98
34) Hexachlorobutadiene	11.20	225	142247	43.723	ng	100
35) Caprolactam	11.79	113	41165	24.965	ng	# 82
36) 4-Chloro-3-methylphenol	12.14	107	231897	48.215	ng	98
37) 2-Methylnaphthalene	12.52	142	460434	48.597	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	265799	43.961	ng	99
40) Hexachlorocyclopentadiene	12.87	237	298511	94.890	ng	98

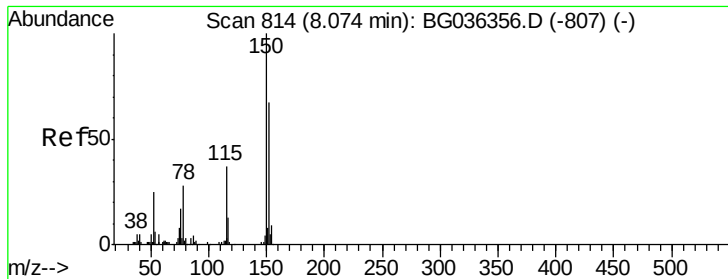
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036505.D
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 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	178427	48.445	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	194547	49.524	ng	100
45) 1,1'-Biphenyl	13.52	154	600247	42.325	ng	98
46) 2-Chloronaphthalene	13.56	162	466007	43.042	ng	98
47) 2-Nitroaniline	13.76	65	163207	48.005	ng	98
48) Acenaphthylene	14.41	152	778318	45.998	ng	99
49) Dimethylphthalate	14.14	163	712993	51.107	ng	99
50) 2,6-Dinitrotoluene	14.26	165	141250	49.204	ng	91
51) Acenaphthene	14.75	154	497804	45.937	ng	98
52) 3-Nitroaniline	14.58	138	54796	17.713	ng	96
53) 2,4-Dinitrophenol	14.79	184	66542	61.196	ng	91
54) Dibenzofuran	15.08	168	755684	44.511	ng	99
55) 4-Nitrophenol	14.89	139	203237	80.350	ng	97
56) 2,4-Dinitrotoluene	15.04	165	201805	53.938	ng	89
57) Fluorene	15.73	166	612687	48.275	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195739	53.033	ng	96
59) Diethylphthalate	15.50	149	637905	45.371	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	342877	43.751	ng	97
61) 4-Nitroaniline	15.75	138	151449	46.784	ng	91
62) Azobenzene	16.01	77	613154	42.862	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	72509	36.766	ng	90
65) n-Nitrosodiphenylamine	15.94	169	570190	42.742	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	233956	44.509	ng	96
67) Hexachlorobenzene	16.73	284	234070	43.549	ng	97
68) Atrazine	16.88	200	241732	48.277	ng	99
69) Pentachlorophenol	17.07	266	245962	67.333	ng	98
70) Phenanthrene	17.47	178	1045997	45.851	ng	98
71) Anthracene	17.56	178	1069088	47.013	ng	99
72) Carbazole	17.83	167	968931	42.664	ng	100
73) Di-n-butylphthalate	18.39	149	1097057	43.379	ng	99
74) Fluoranthene	19.48	202	1309067	47.066	ng	98
76) Benzidine	19.65	184	193567	13.252	ng	98
77) Pyrene	19.83	202	1286348	45.689	ng	97
79) Butylbenzylphthalate	20.72	149	517859	46.218	ng	96
80) Benzo(a)anthracene	21.67	228	1288989	46.472	ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	184586	16.698	ng	98
82) Chrysene	21.74	228	1201383	45.696	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	710876	45.338	ng	98
84) Di-n-octyl phthalate	22.80	149	1200485	45.839	ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1466620	48.029	ng	99
87) Benzo(b)fluoranthene	23.89	252	1325608	49.451	ng	97
88) Benzo(k)fluoranthene	23.96	252	1235731	47.186	ng	98
89) Benzo(a)pyrene	24.76	252	1271060	49.344	ng	100
90) Dibenzo(a,h)anthracene	28.63	278	1193906	48.010	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1166354	46.673	ng	97

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

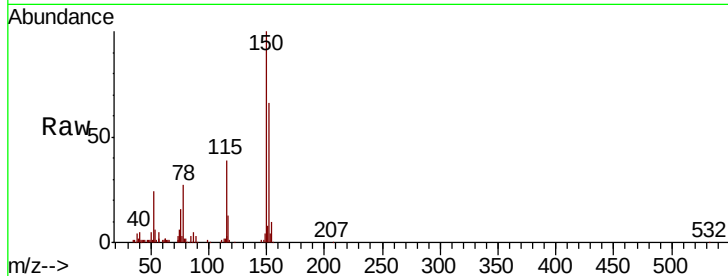


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	58.3	44.5	66.7

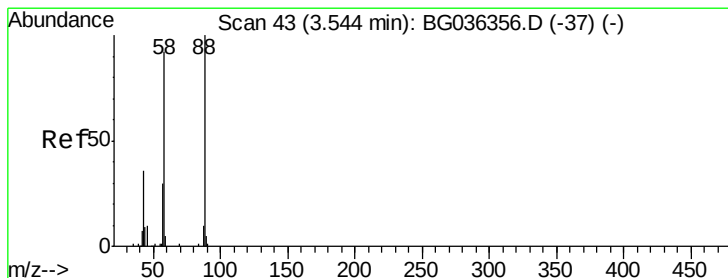
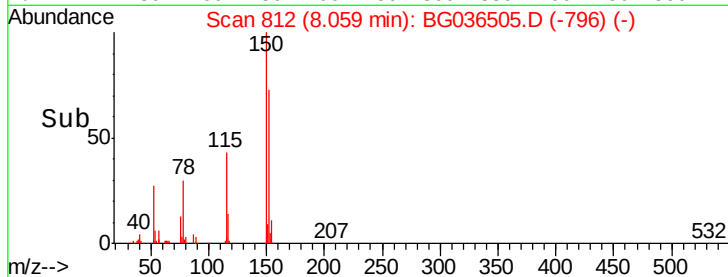
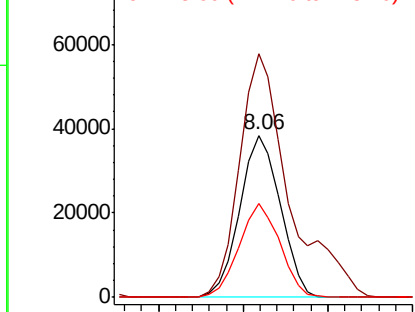


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

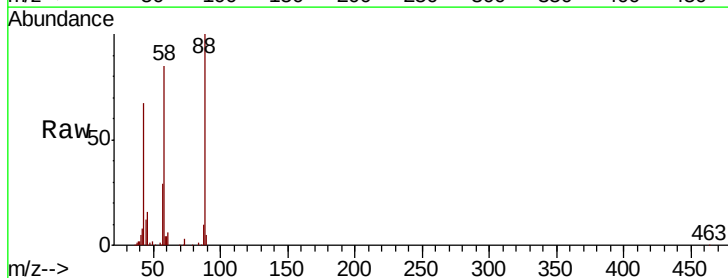
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.903 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	72.6	109.0
43	60.9	29.0	43.4#

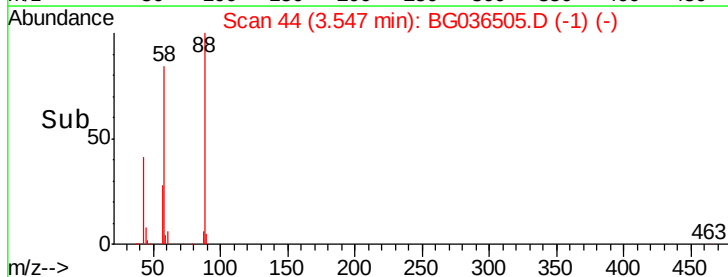
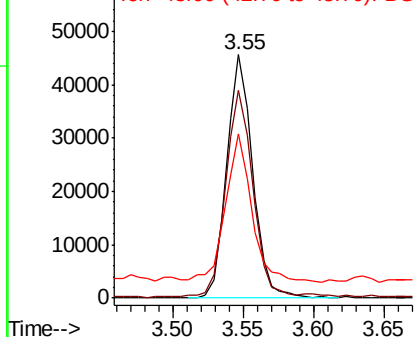


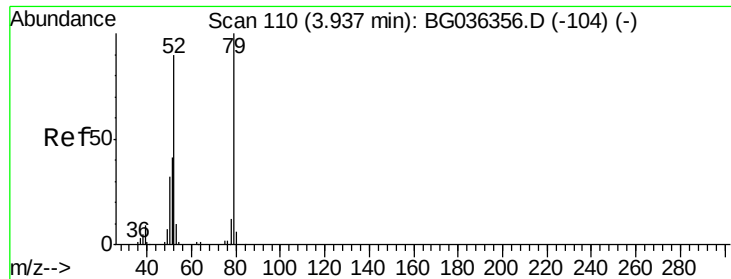
Abundance

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: 29.572 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

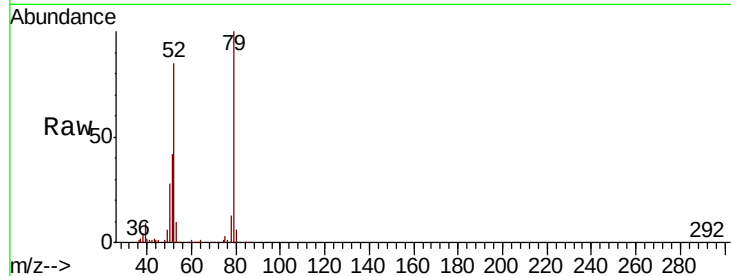
Tot Ion: 79 Resp: 156935

Ion Ratio Lower Upper

79 100

52 84.5 72.3 108.5

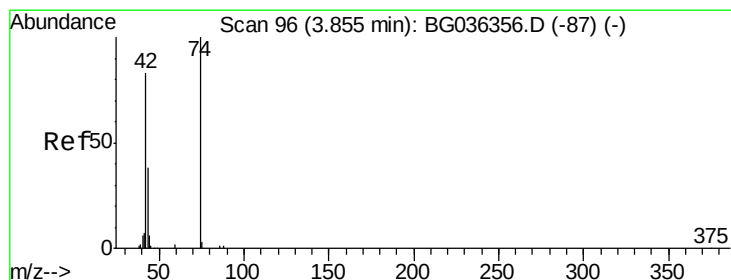
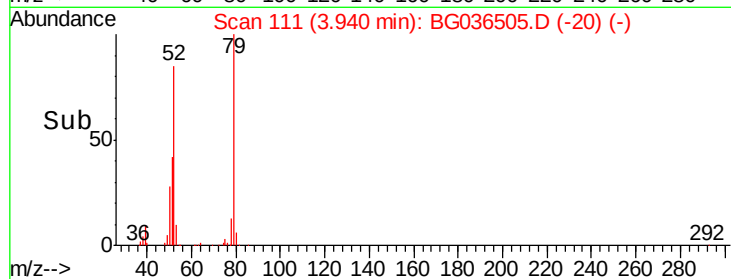
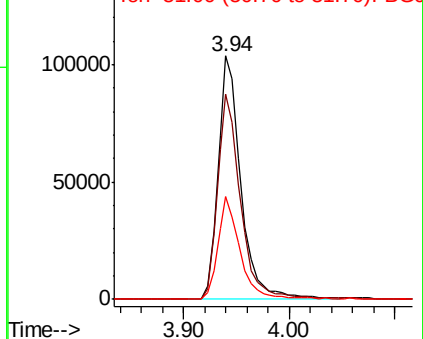
51 42.2 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.944 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

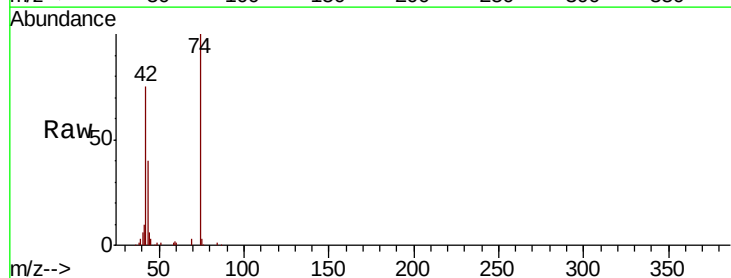
Tgt Ion: 42 Resp: 87325

Ion Ratio Lower Upper

42 100

74 133.3 96.6 145.0

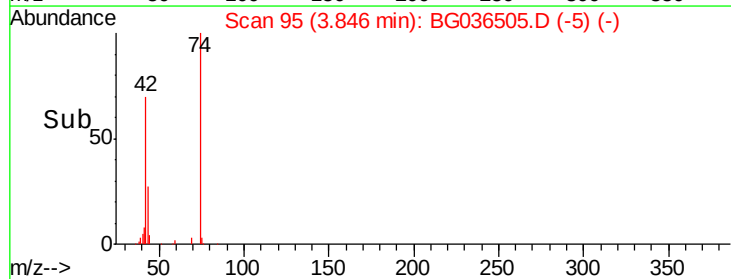
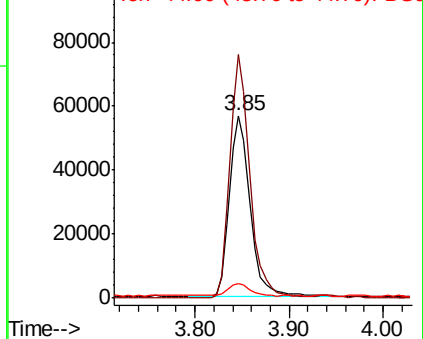
44 8.0 7.0 10.4

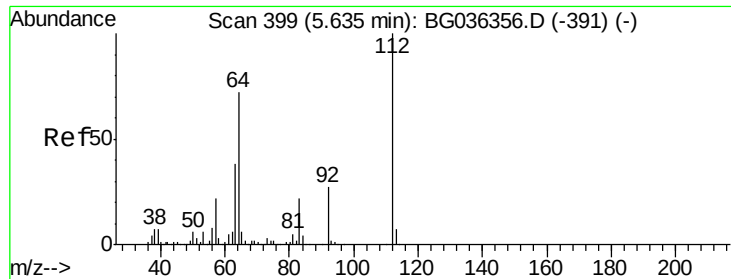


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.925 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.01 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

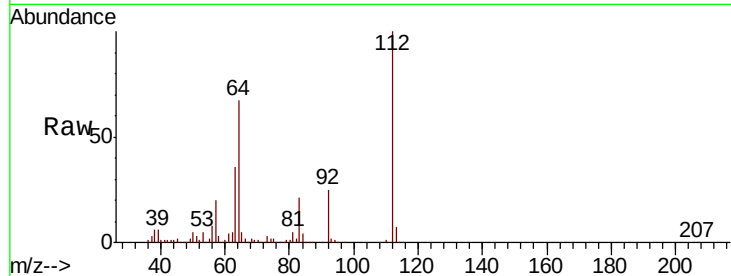
Tot Ion:112 Resp: 489893

Ion Ratio Lower Upper

112 100

64 66.5 57.2 85.8

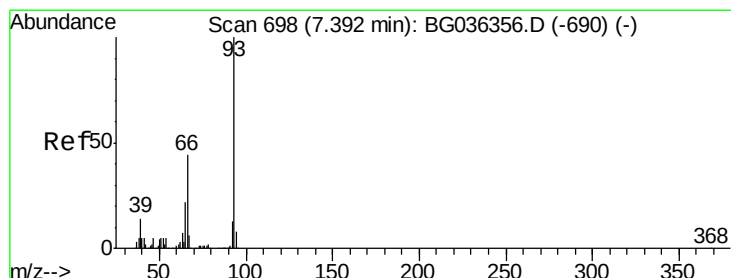
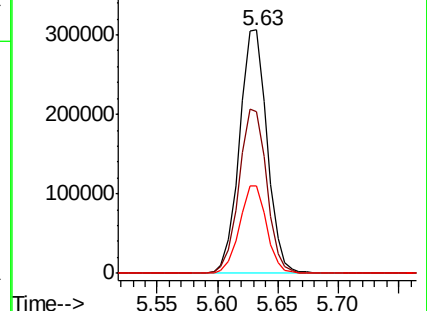
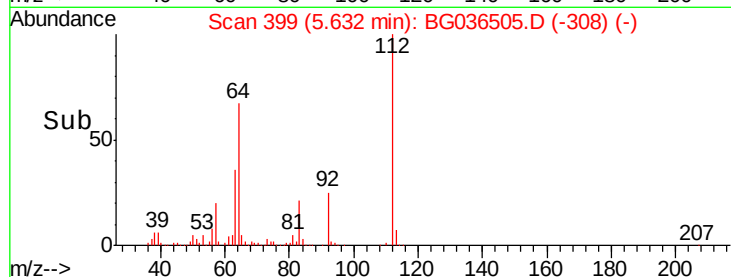
63 35.7 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.144 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

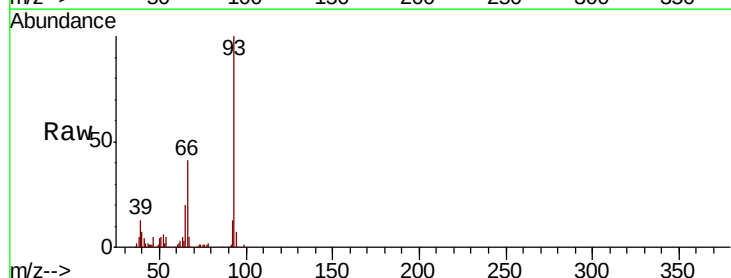
Tgt Ion: 93 Resp: 118860

Ion Ratio Lower Upper

93 100

66 41.1 35.0 52.4

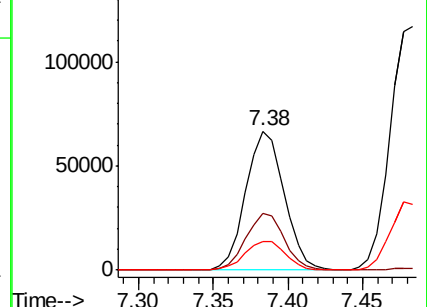
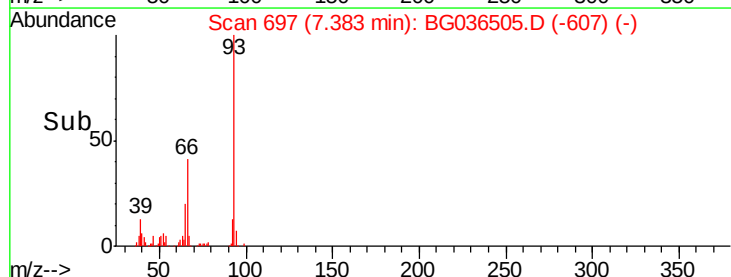
65 20.3 17.6 26.4

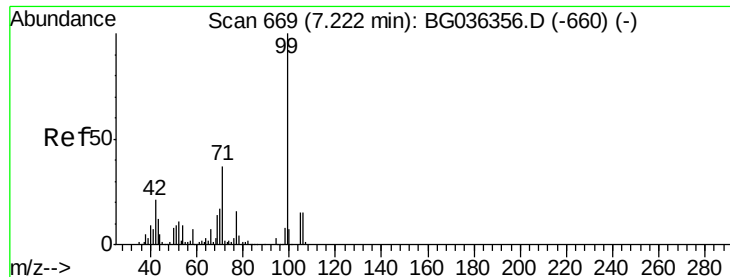


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.858 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

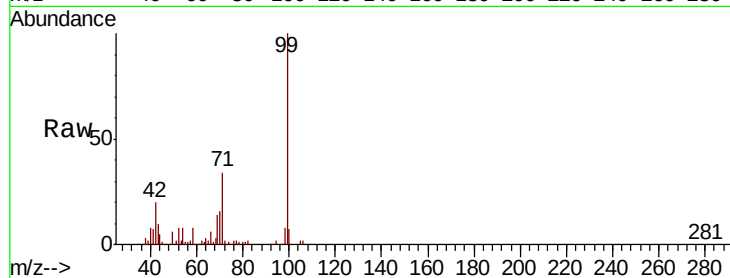
Tot Ion: 99 Resp: 625613

Ion Ratio Lower Upper

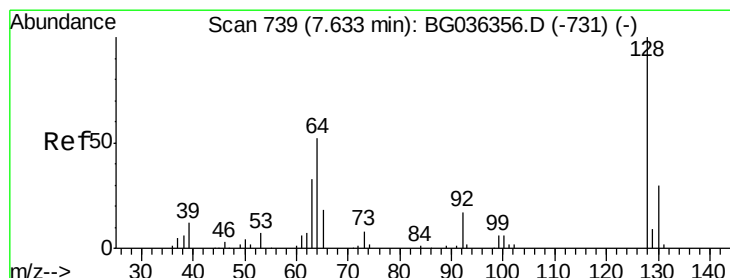
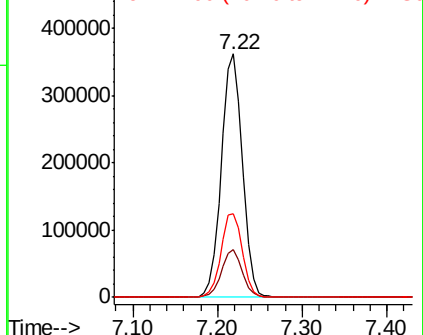
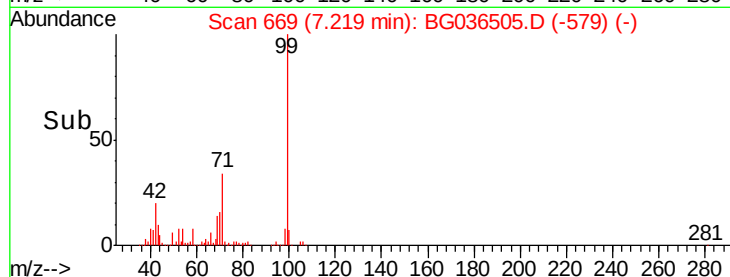
99 100

42 19.6 16.5 24.7

71 34.3 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: 41.893 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

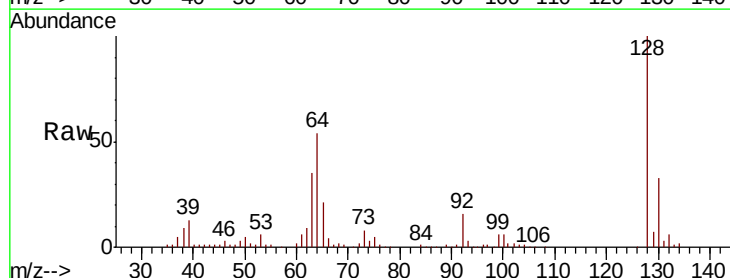
Tgt Ion: 128 Resp: 184050

Ion Ratio Lower Upper

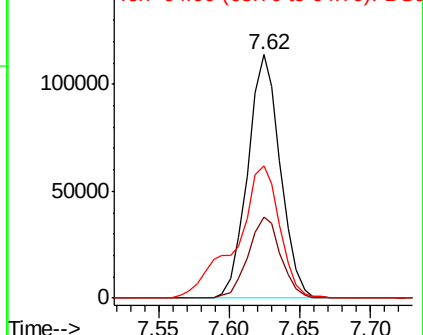
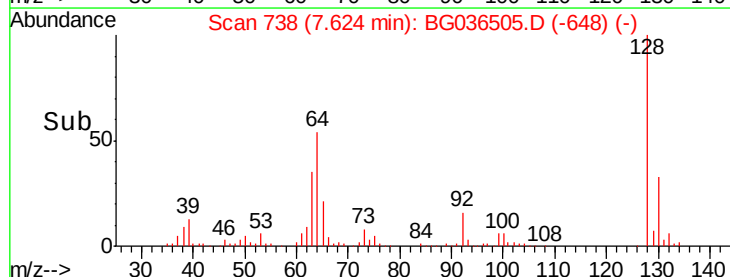
128 100

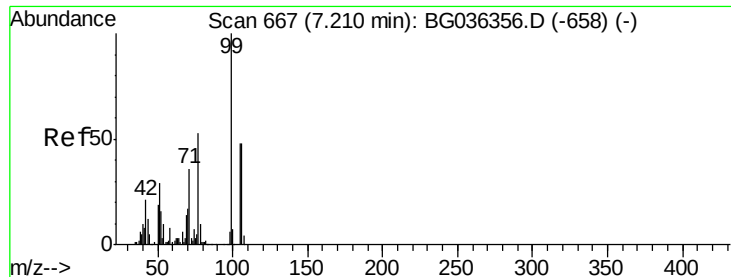
130 33.3 10.0 50.0

64 54.4 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: 25.030 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

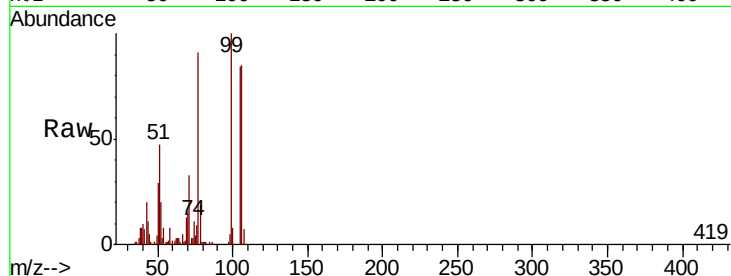
Tot Ion: 77 Resp: 99977

Ion Ratio Lower Upper

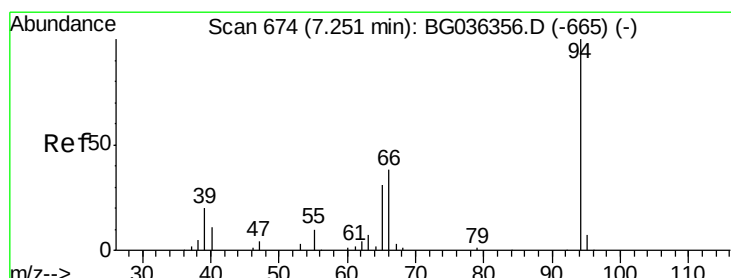
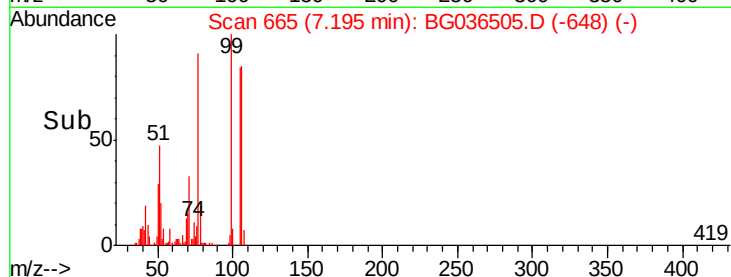
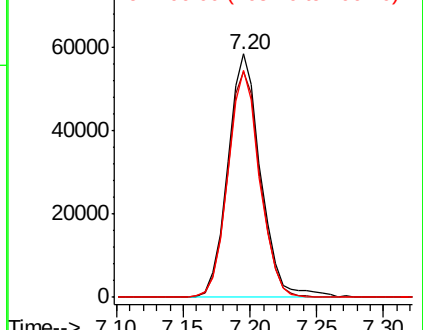
77 100

105 92.9 70.5 110.5

106 93.5 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: 37.291 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

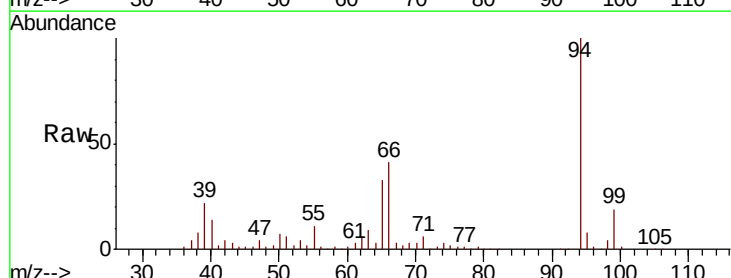
Tgt Ion: 94 Resp: 226356

Ion Ratio Lower Upper

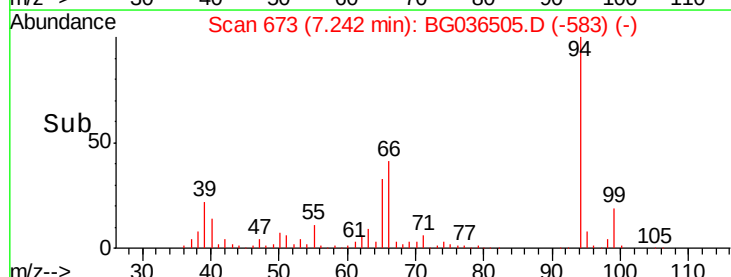
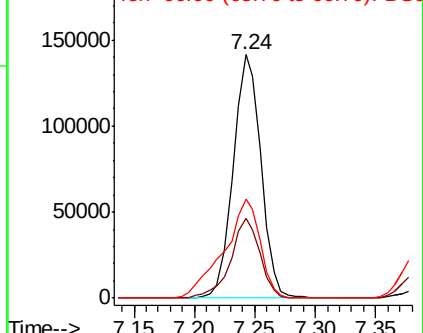
94 100

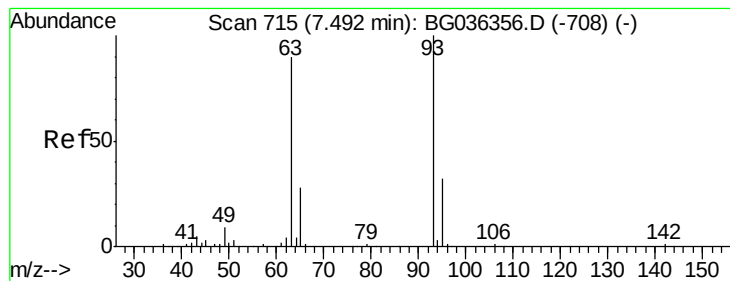
65 32.8 11.5 51.5

66 40.6 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 38.985 ng

RT: 7.48 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

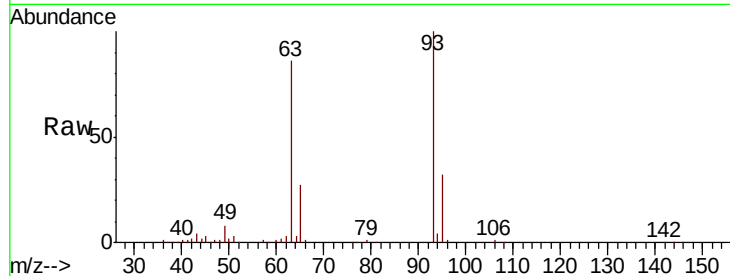
Tot Ion: 93 Resp: 187604

Ion Ratio Lower Upper

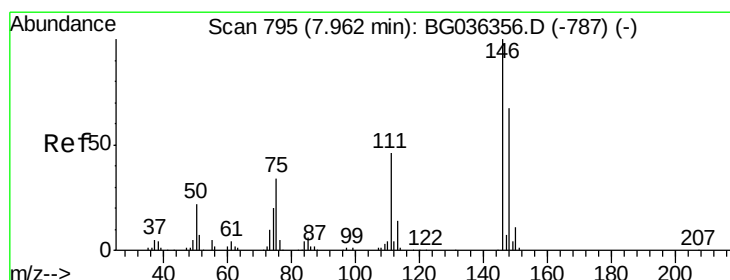
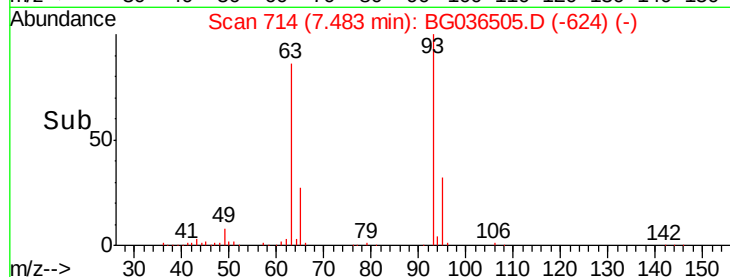
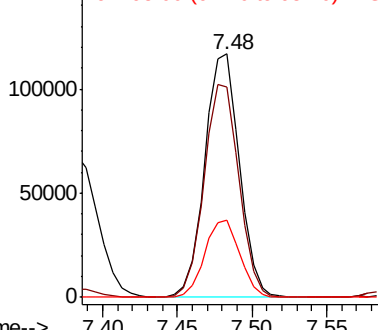
93 100

63 86.3 69.9 109.9

95 31.6 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: 39.120 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

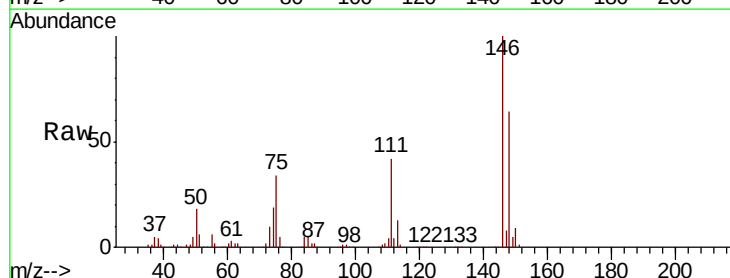
Tgt Ion: 146 Resp: 196243

Ion Ratio Lower Upper

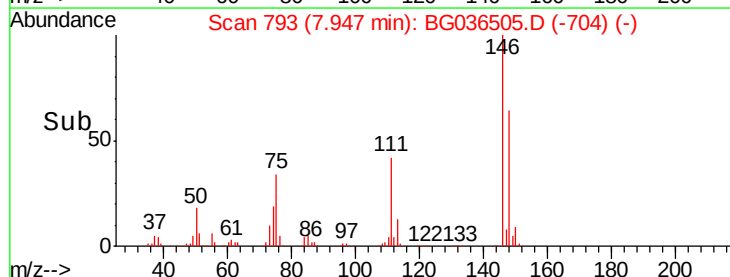
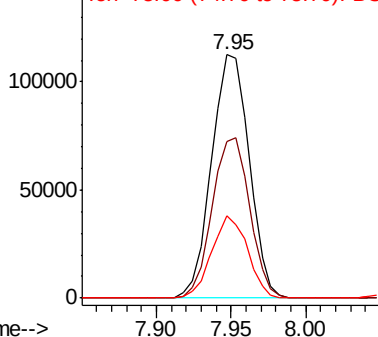
146 100

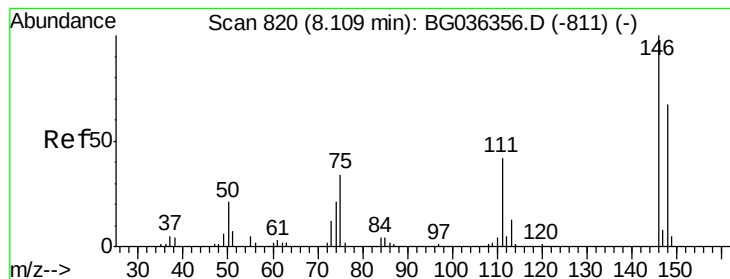
148 64.4 53.8 80.6

75 33.9 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: 38.954 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

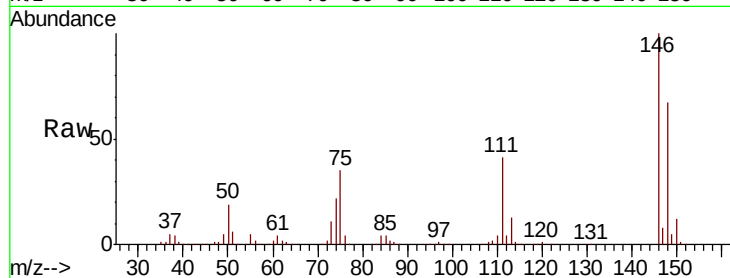
Tot Ion:146 Resp: 197293

Ion Ratio Lower Upper

146 100

148 67.5 53.9 80.9

111 40.8 33.8 50.6

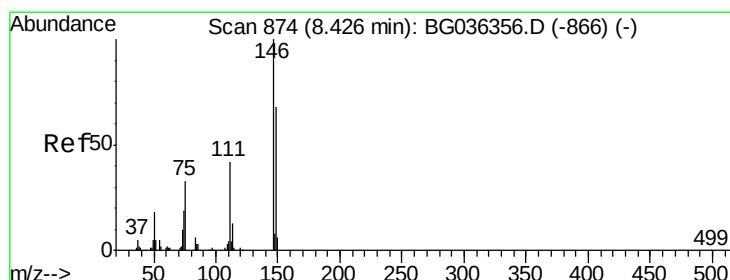
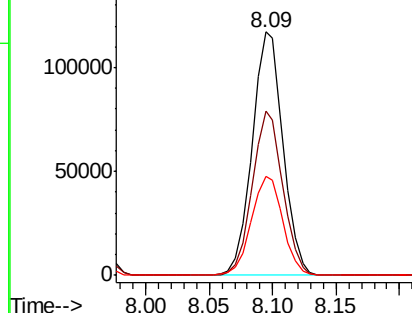
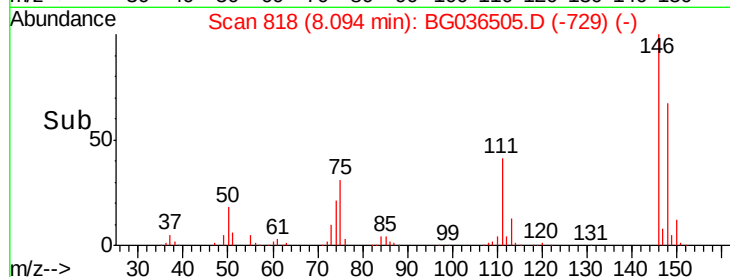


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.612 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

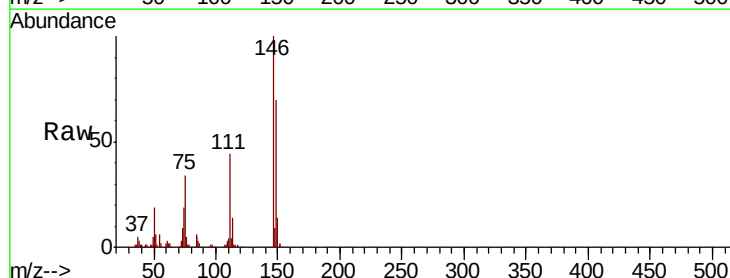
Tgt Ion:146 Resp: 186765

Ion Ratio Lower Upper

146 100

148 69.6 55.0 82.6

111 43.8 34.6 51.8

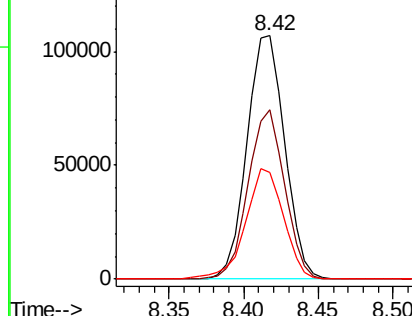
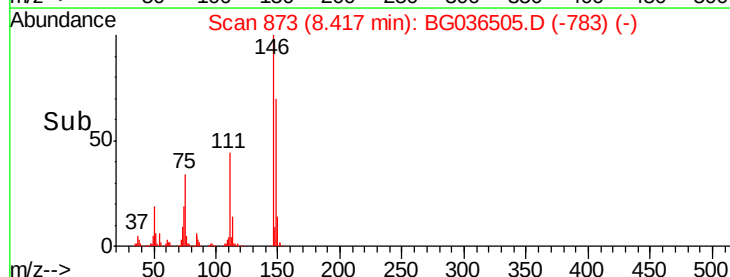


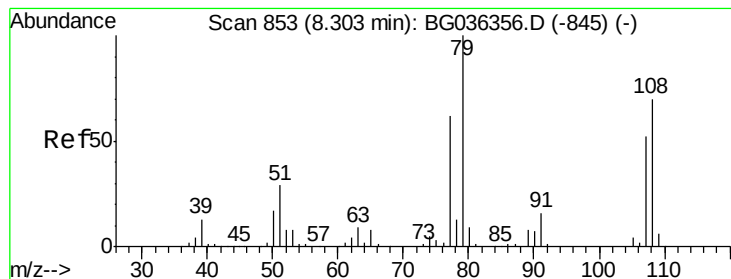
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.036 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

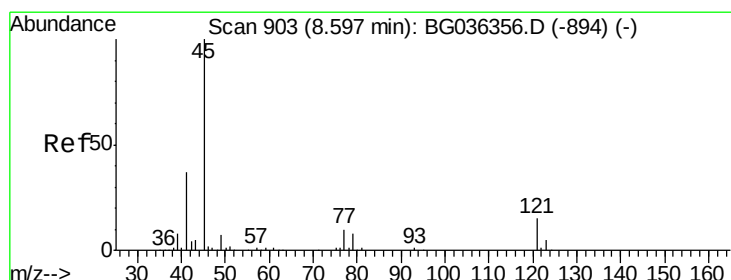
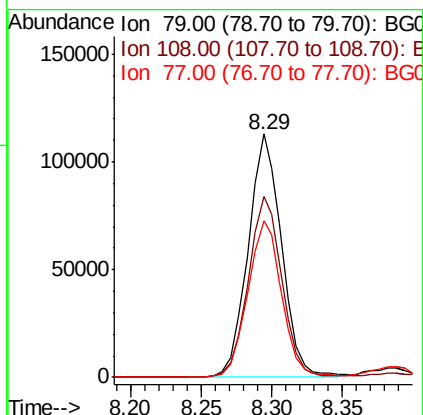
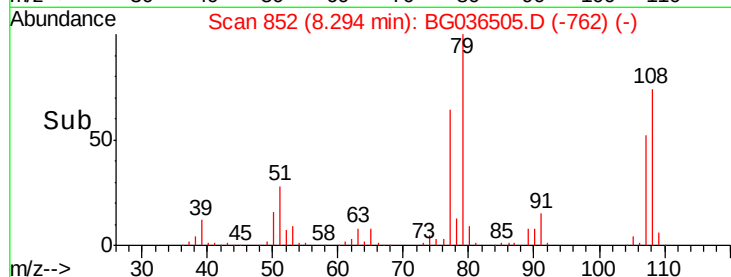
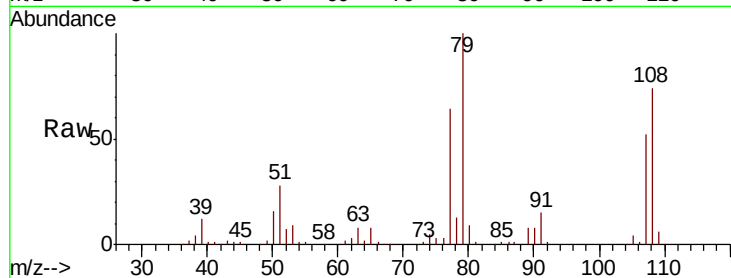
Tot Ion: 79 Resp: 187202

Ion Ratio Lower Upper

79 100

108 74.1 55.9 83.9

77 64.1 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.042 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

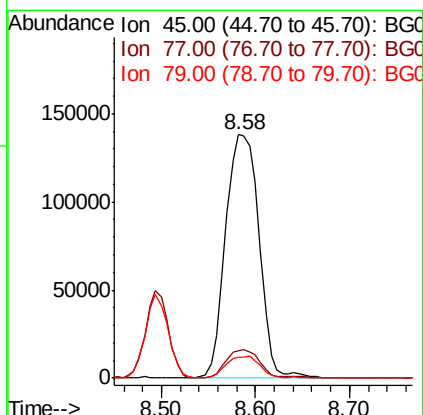
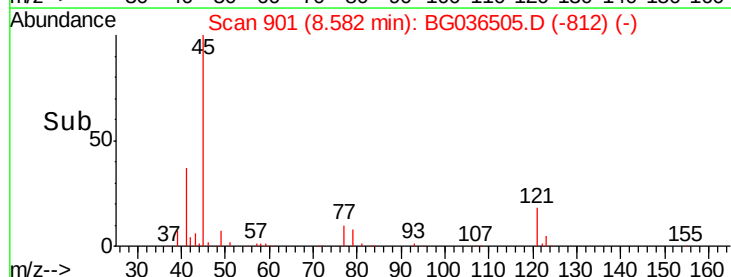
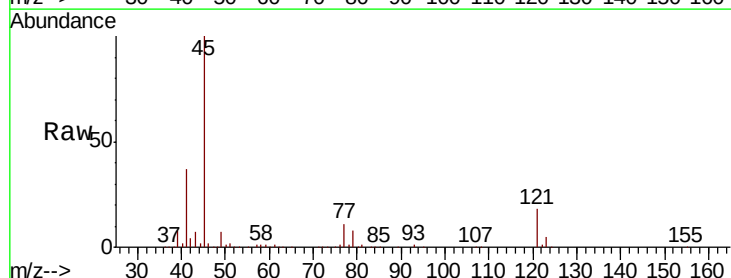
Tgt Ion: 45 Resp: 340072

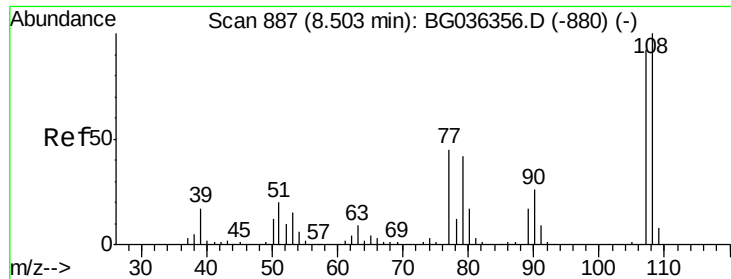
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.5

79 8.4 0.0 27.9

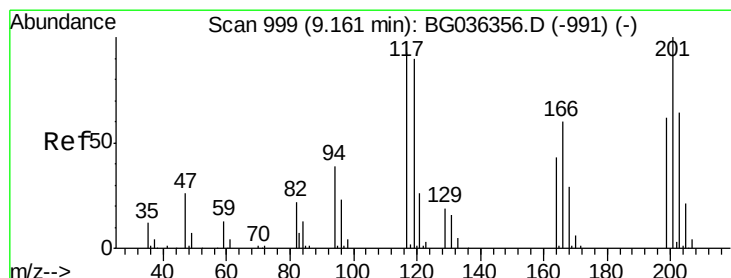
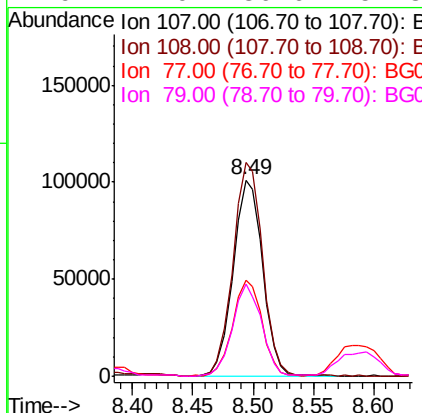
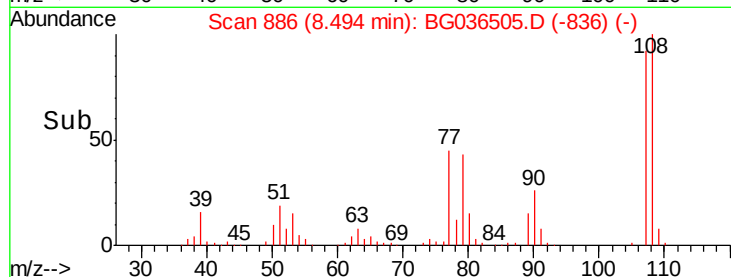
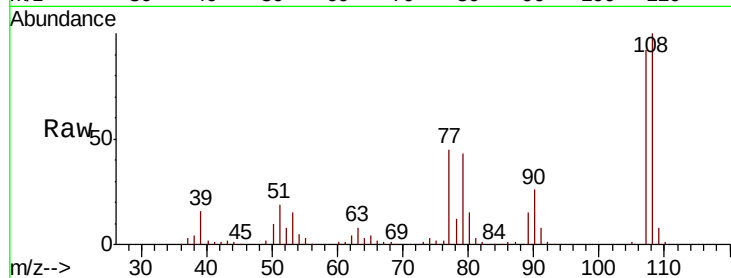




#17
2-Methylphenol
Concen: 42.509 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

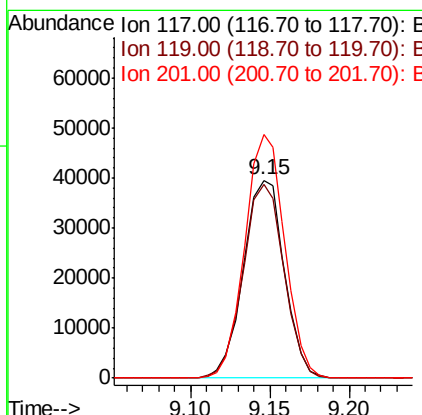
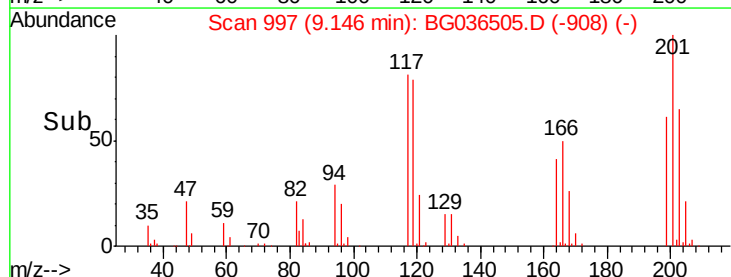
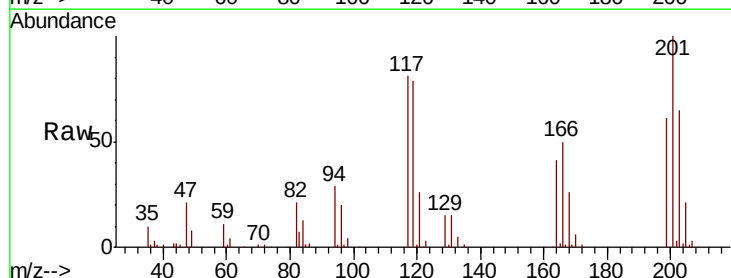
Instrument :
BNA_G
ClientSampleId :

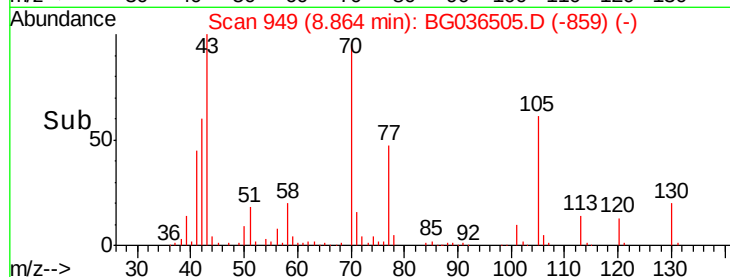
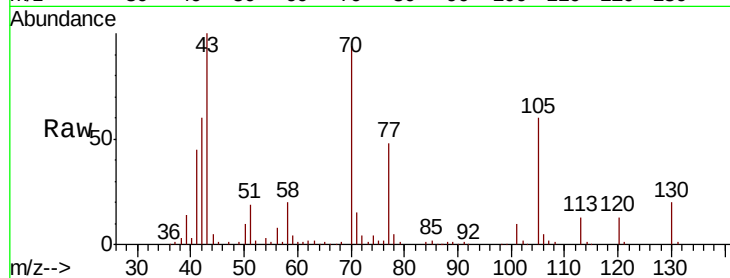
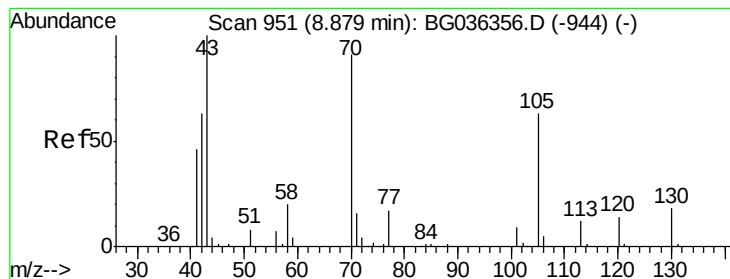
Tot Ion:	107	Resp:	171333
Ion	Ratio	Lower	Upper
107	100		
108	108.9	86.7	130.1
77	48.9	39.0	58.4
79	47.0	36.6	54.8



#18
Hexachloroethane
Concen: 39.091 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:	117	Resp:	70986
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.8	115.2
201	122.9	85.7	128.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.236 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 157081

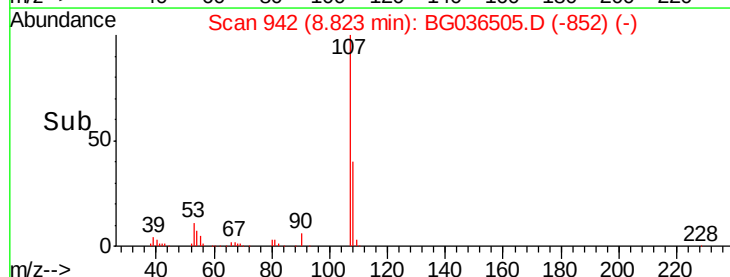
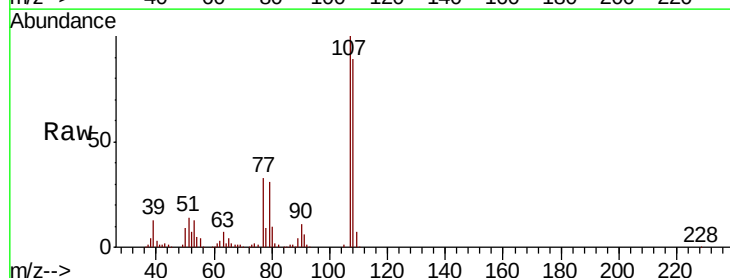
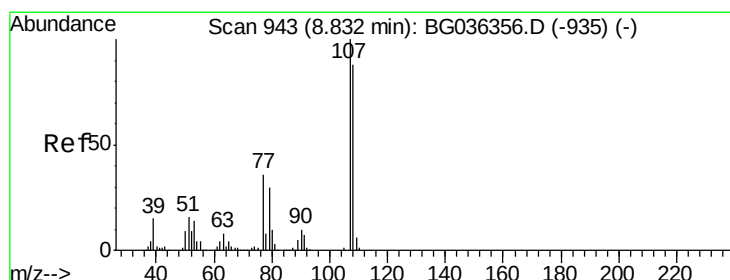
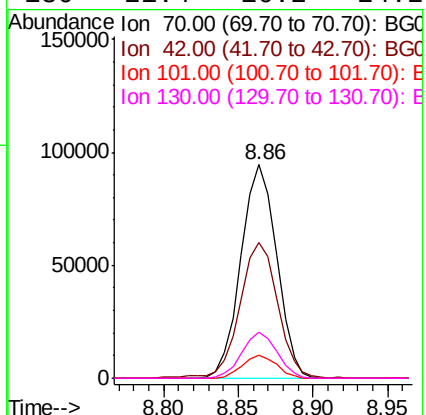
Ion Ratio Lower Upper

70 100

42 63.7 56.2 84.4

101 10.9 7.8 11.6

130 21.4 16.2 24.2



#20

3+4-Methylphenols

Concen: 41.281 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Tgt Ion:107 Resp: 232294

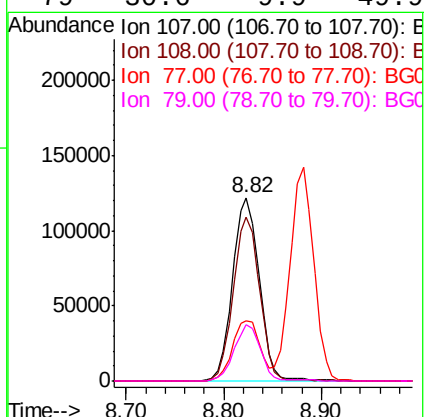
Ion Ratio Lower Upper

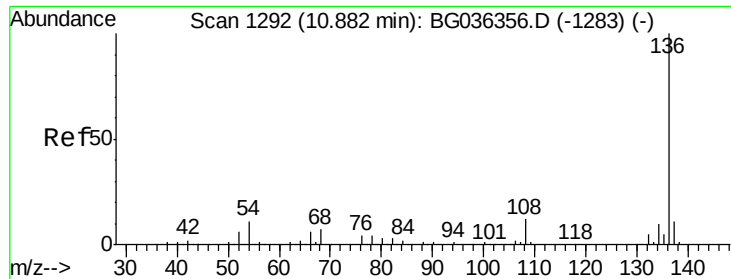
107 100

108 89.1 68.0 108.0

77 32.8 15.6 55.6

79 30.6 9.9 49.9

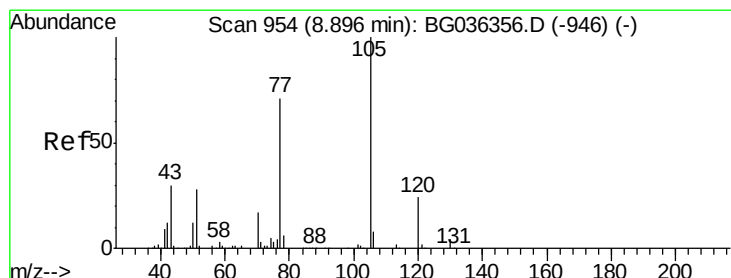
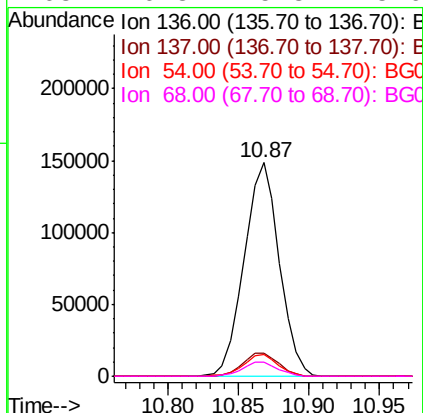
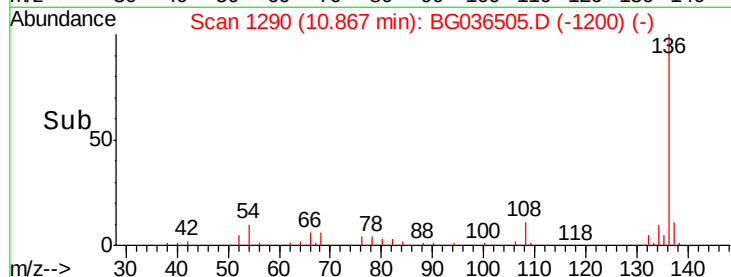
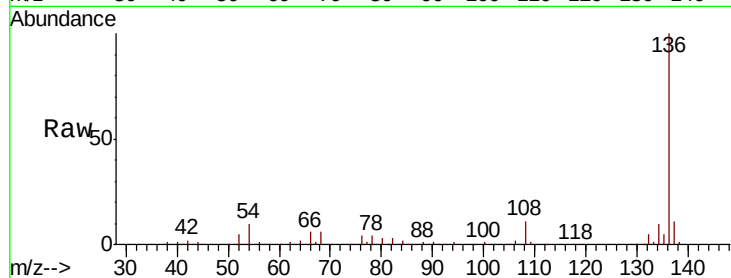




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

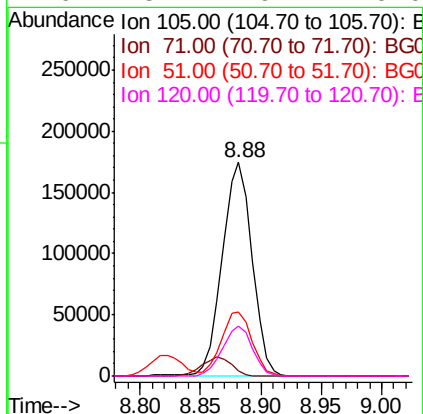
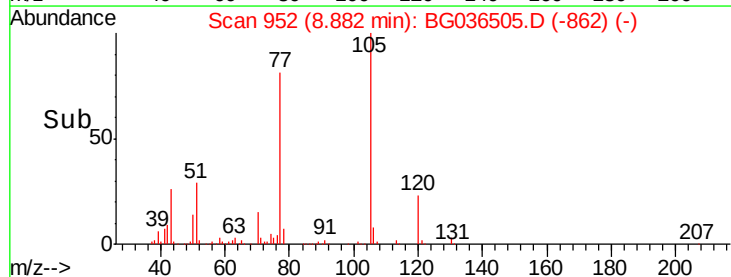
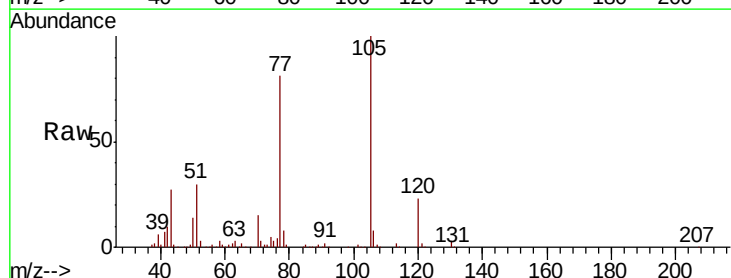
Instrument :
BNA_G
ClientSampleId :

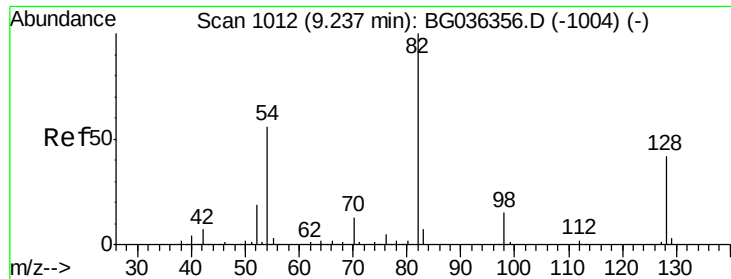
Tot Ion:136	Resp:	259028
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	10.1	9.2 13.8
68	6.3	5.8 8.6



#22
Acetophenone
Concen: 43.892 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:105	Resp:	298553
Ion	Ratio	Lower Upper
105	100	
71	2.6	2.4 3.6
51	29.8	25.9 38.9
120	23.2	19.4 29.0

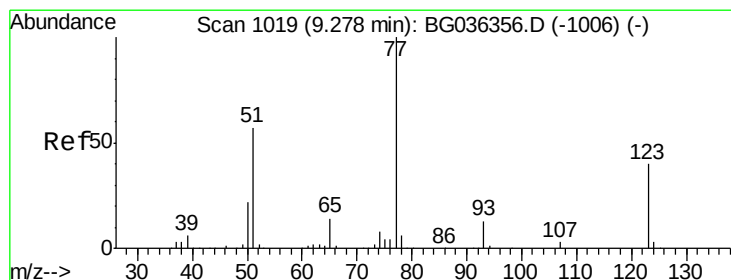
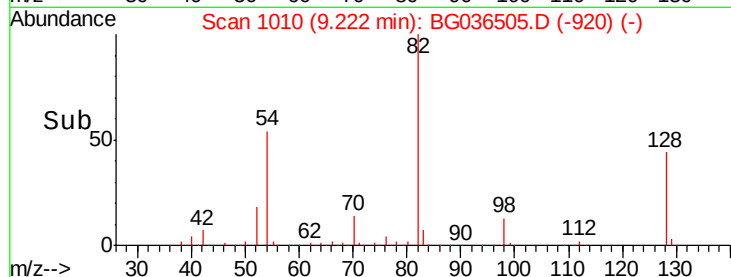
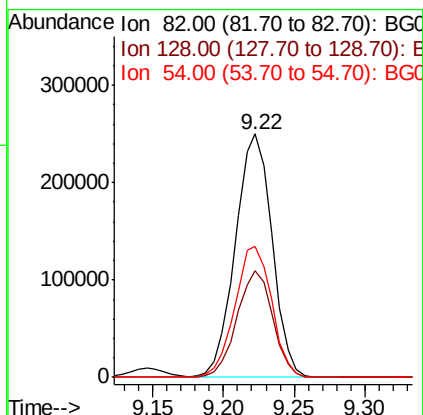
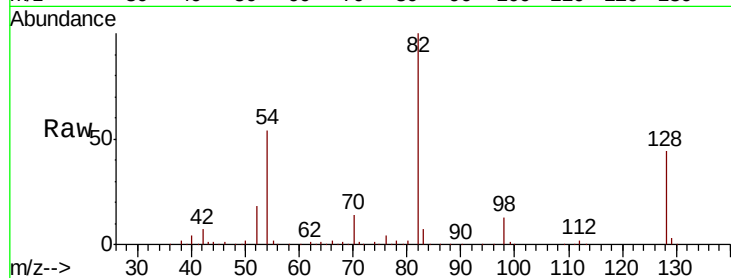




#23
Nitrobenzene-d5
Concen: 95.095 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

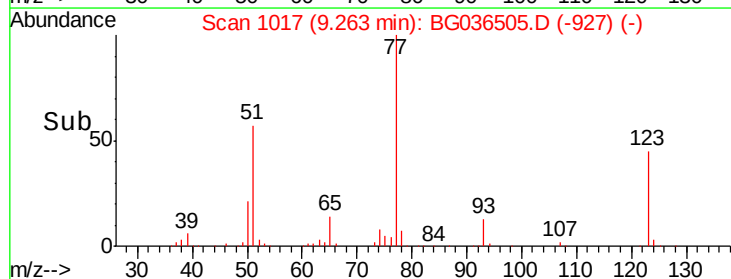
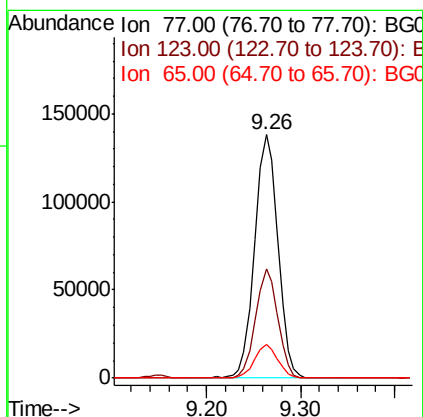
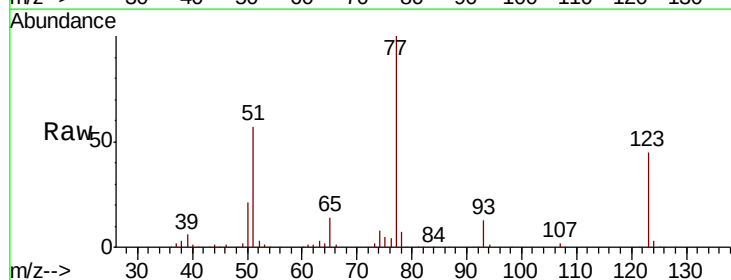
Instrument :
BNA_G
ClientSampleId :

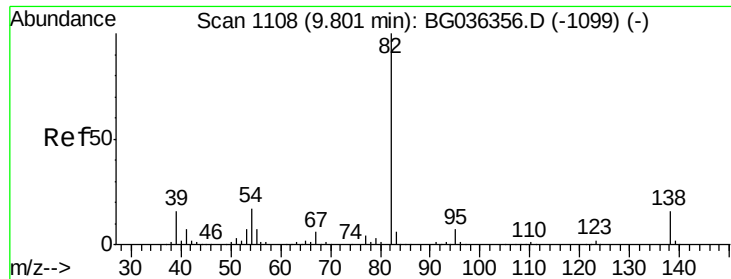
Tot Ion	82	Resp	453993
Ion Ratio	100	Lower	Upper
128	43.7	33.3	49.9
54	53.9	45.1	67.7



#24
Nitrobenzene
Concen: 46.057 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	77	Resp	237105
Ion Ratio	100	Lower	Upper
123	44.7	32.4	48.6
65	13.8	11.5	17.3





#25

Isophorone

Concen: 46.974 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

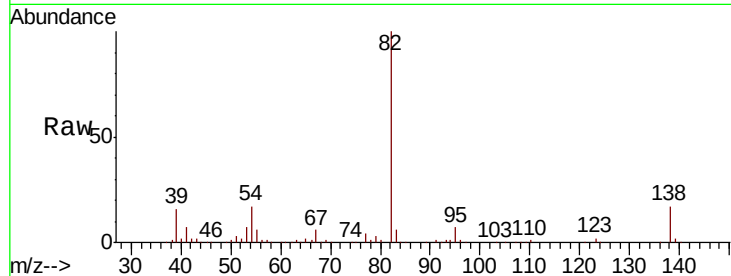
Tot Ion: 82 Resp: 445506

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

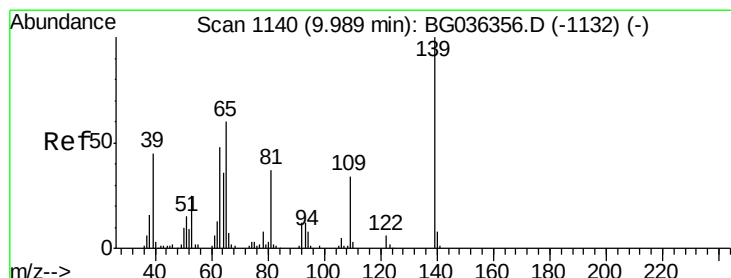
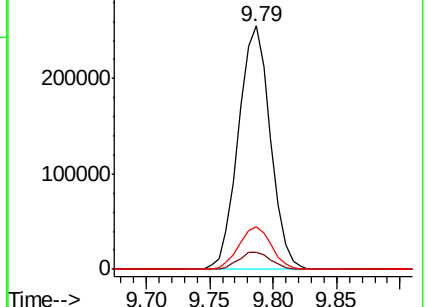
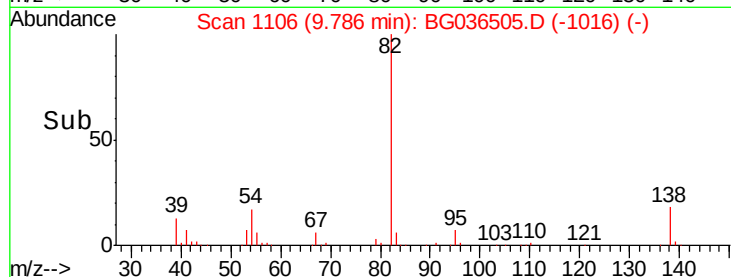
138 17.5 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036505.D (-1016) (-)

Ion 95.00 (94.70 to 95.70): BG036505.D (-1016) (-)

Ion 138.00 (137.70 to 138.70): BG036505.D (-1016) (-)



#26

2-Nitrophenol

Concen: 49.846 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

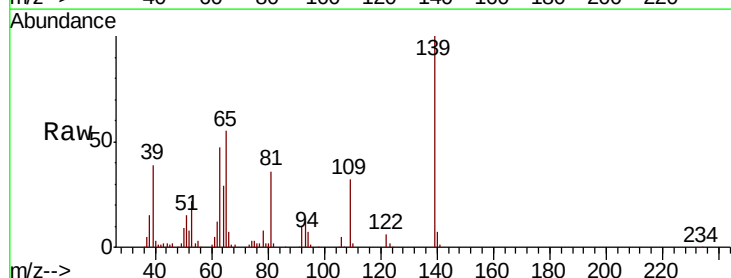
Tgt Ion: 139 Resp: 101687

Ion Ratio Lower Upper

139 100

109 32.3 27.4 41.0

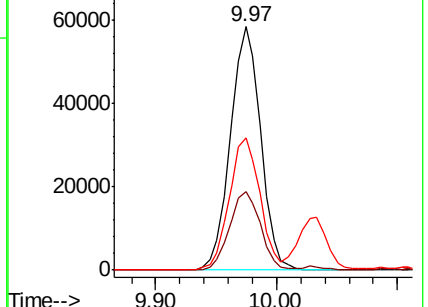
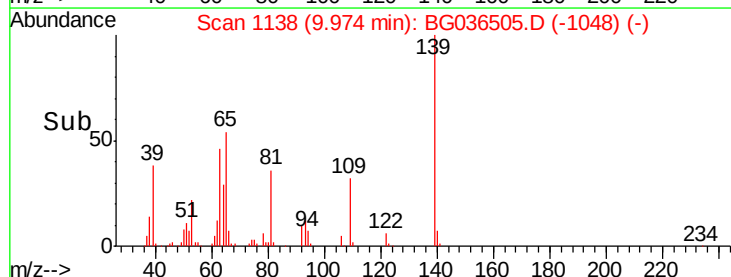
65 54.5 47.8 71.6

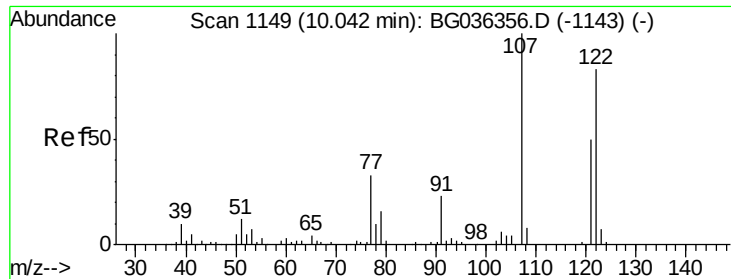


Abundance Ion 139.00 (138.70 to 139.70): BG036505.D (-1048) (-)

Ion 109.00 (108.70 to 109.70): BG036505.D (-1048) (-)

Ion 65.00 (64.70 to 65.70): BG036505.D (-1048) (-)

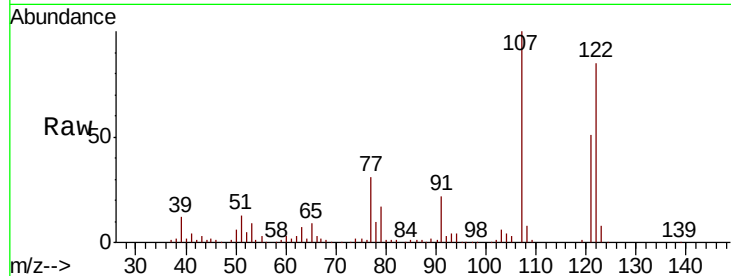




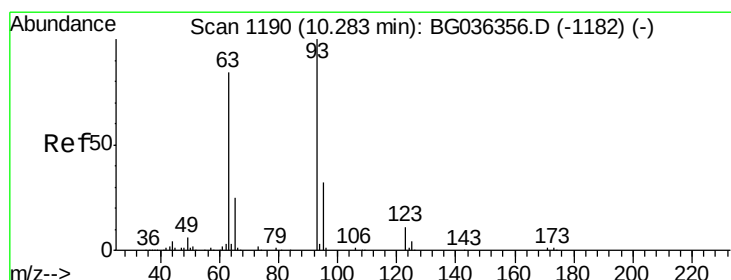
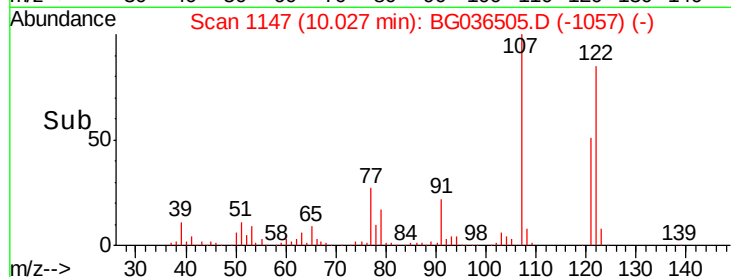
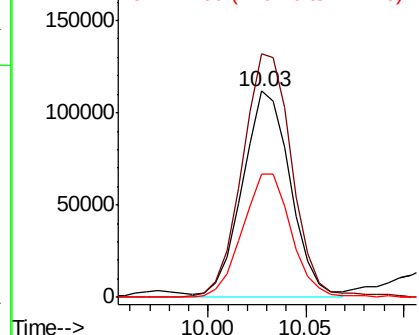
#27
 2,4-Dimethylphenol
 Concen: 50.207 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 189626
 Ion Ratio Lower Upper
 122 100
 107 118.2 96.0 144.0
 121 60.0 48.2 72.4

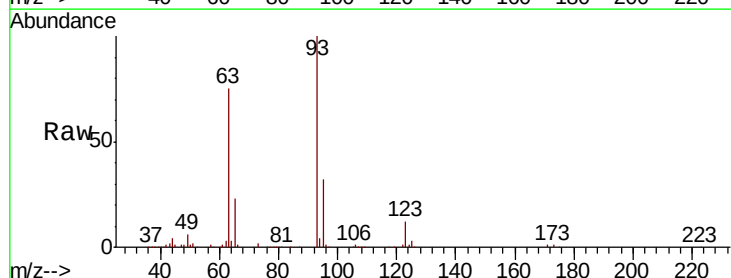


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

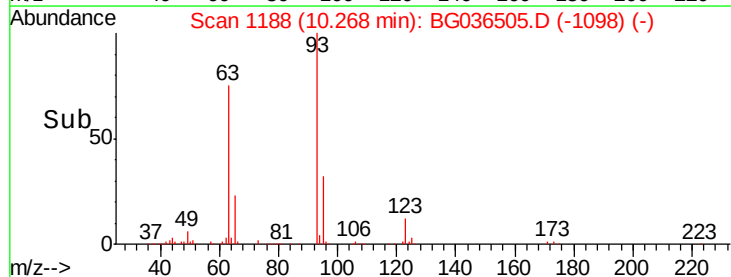
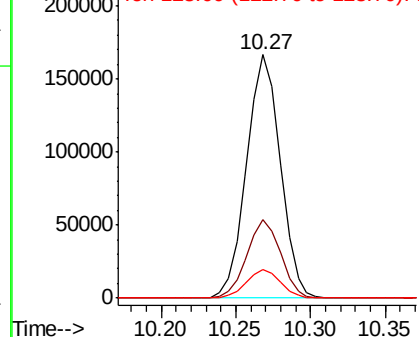


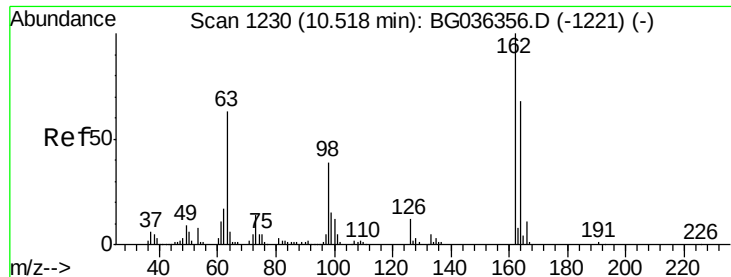
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.718 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion: 93 Resp: 260288
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.2 37.8
 123 11.6 8.6 12.8



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

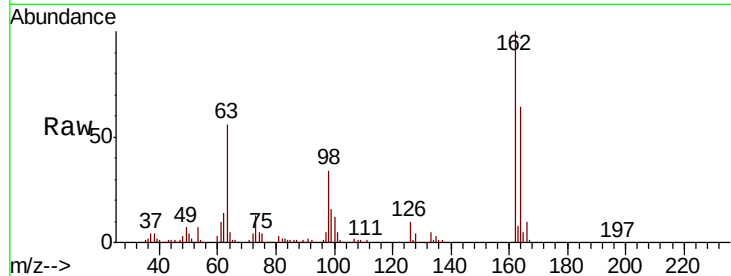




#29
2,4-Dichlorophenol
Concen: 49.944 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	47.6	87.6
98	34.4	19.2	59.2

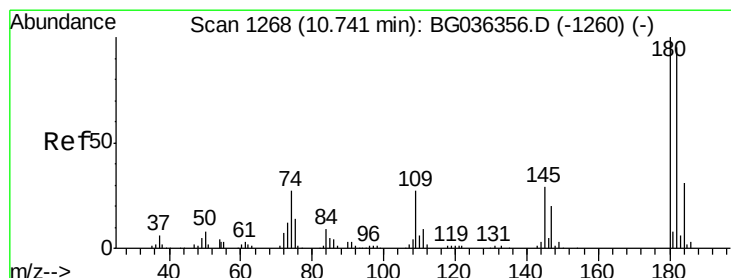
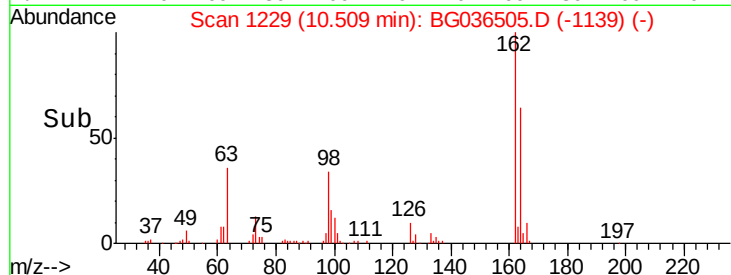
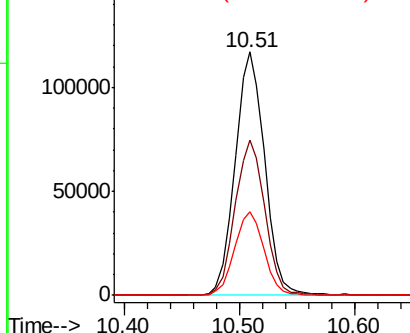


Abundance

Ion 162.00 (161.70 to 162.70): E

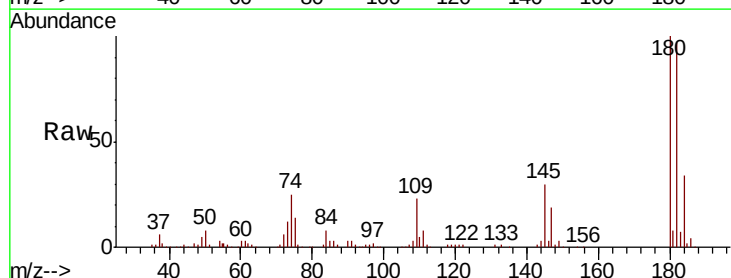
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.087 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.0	114.0
145	30.3	22.9	34.3

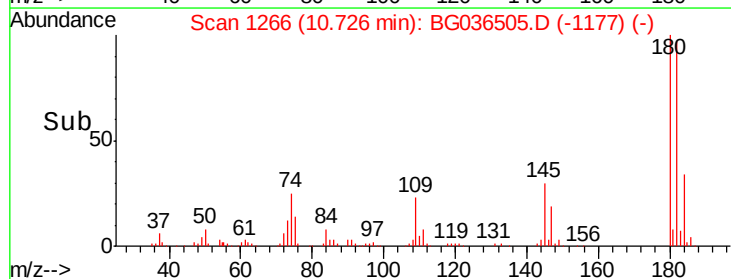
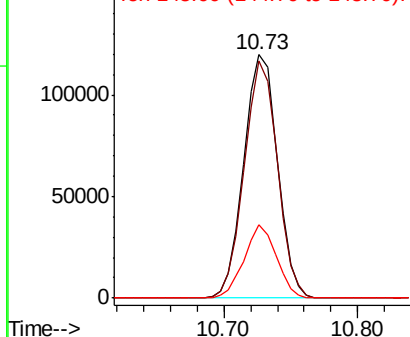


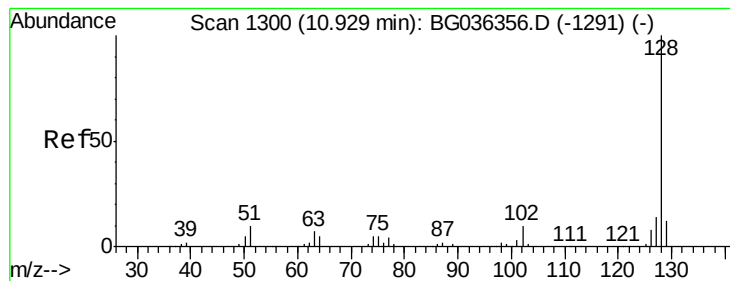
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.429 ng

RT: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

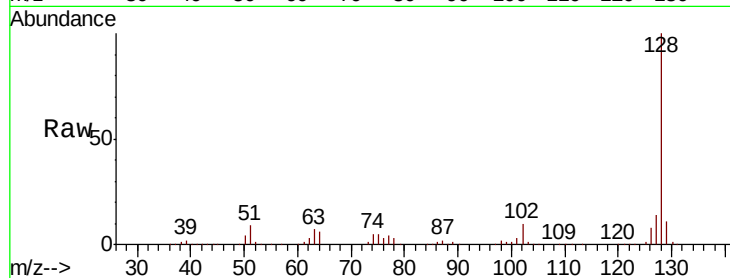
Tot Ion:128 Resp: 614141

Ion Ratio Lower Upper

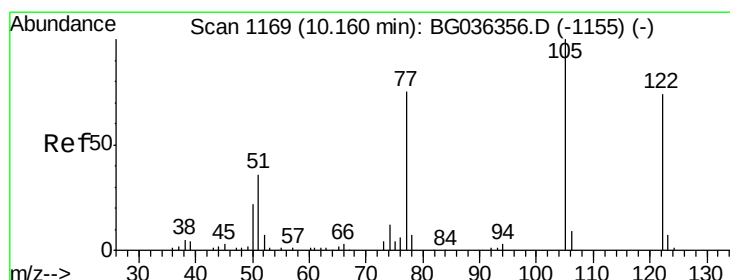
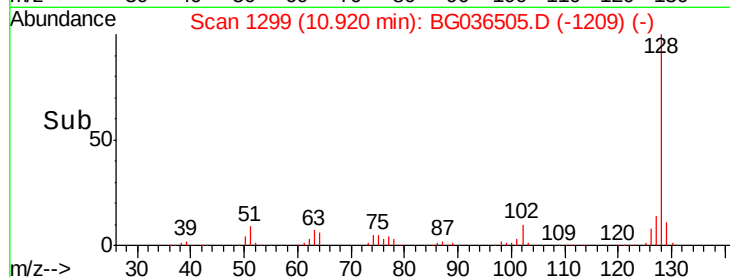
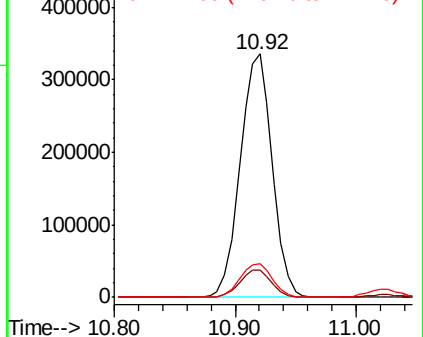
128 100

129 11.4 9.4 14.2

127 14.0 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: 29.141 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

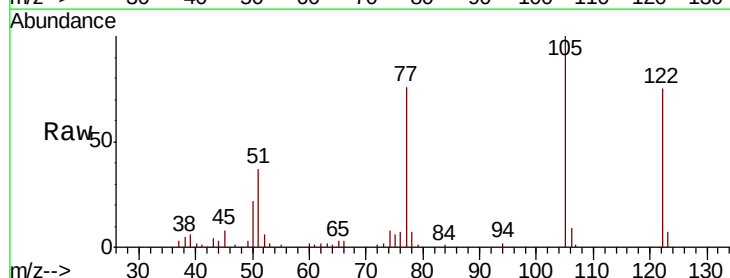
Tgt Ion:122 Resp: 76164

Ion Ratio Lower Upper

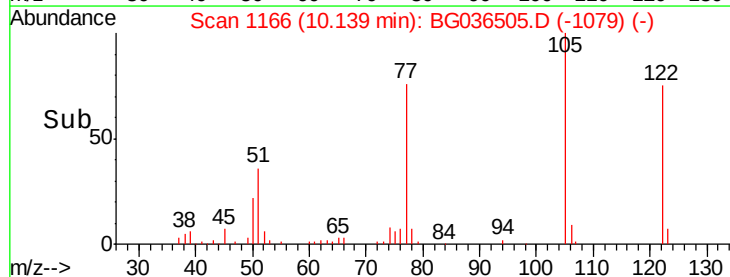
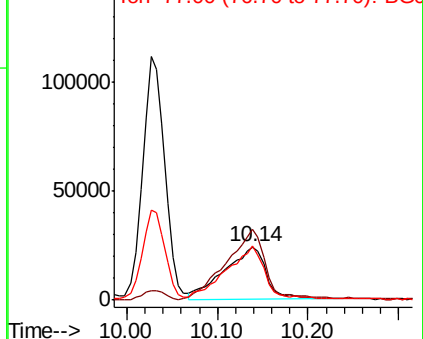
122 100

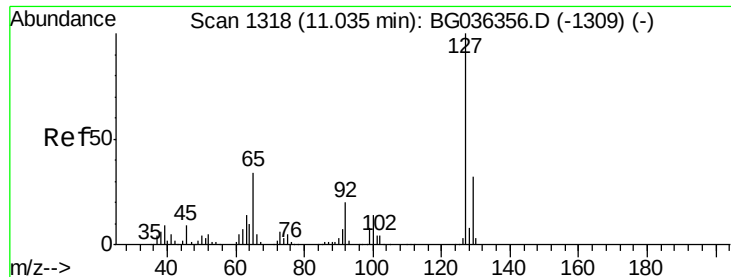
105 132.6 108.1 148.1

77 100.4 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

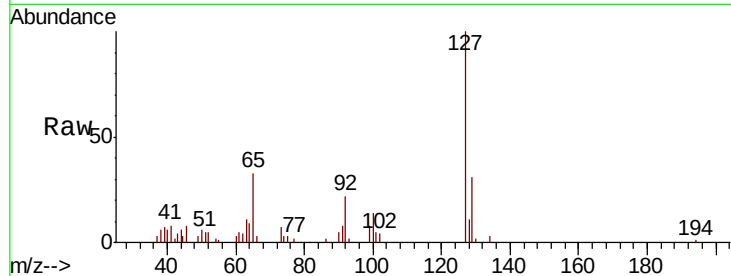




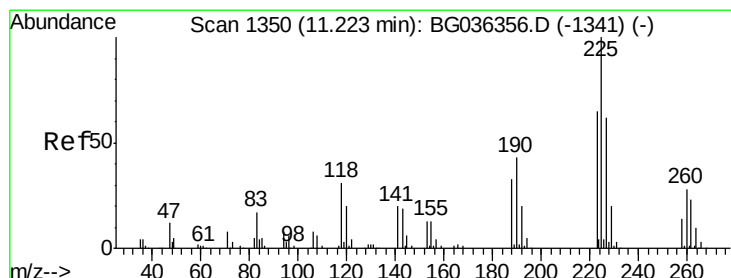
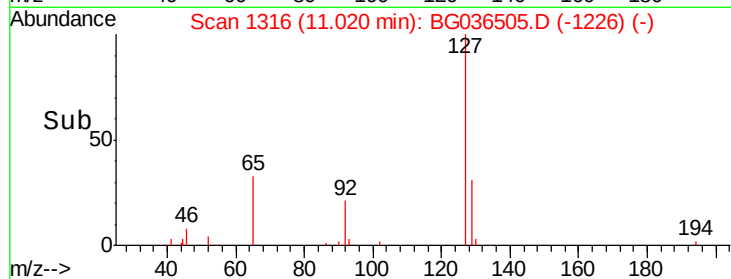
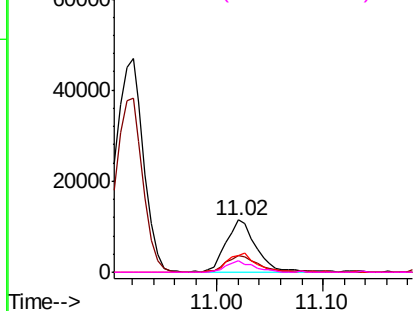
#33
 4-Chloroaniline
 Concen: 3.860 ng
 RT: 11.02 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	22906
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	32.8	27.5	41.3
92	21.8	16.2	24.2

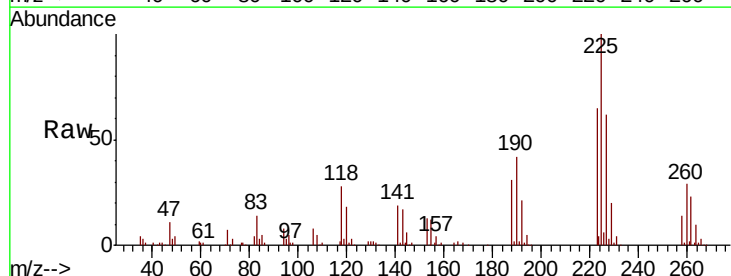


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

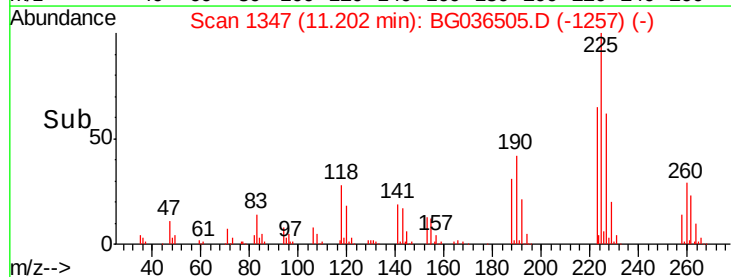
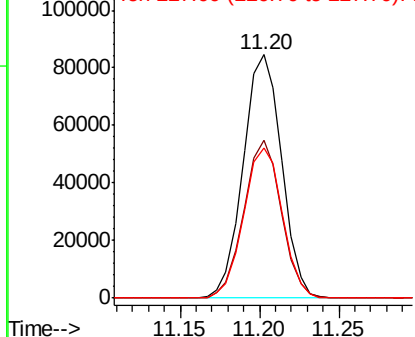


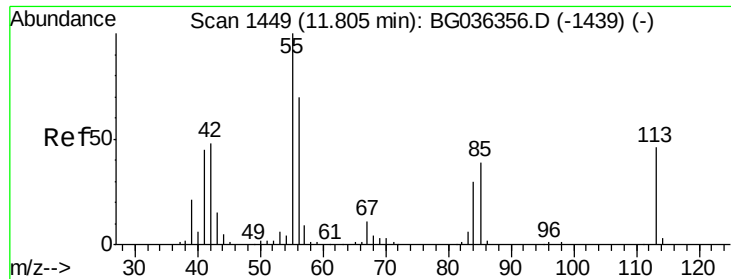
#34
 Hexachlorobutadiene
 Concen: 43.723 ng
 RT: 11.20 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion:	225	Resp:	142247
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.8	77.8
227	61.9	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: 24.965 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

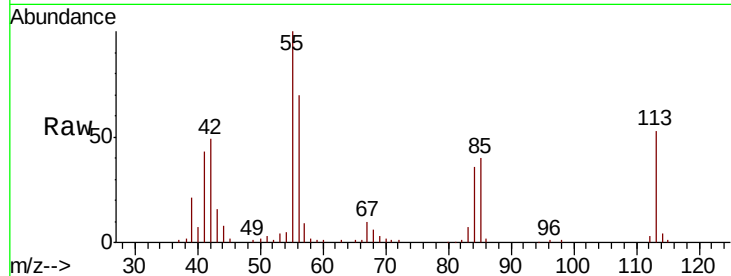
Tot Ion:113 Resp: 41165

Ion Ratio Lower Upper

113 100

55 187.3 197.7 237.7#

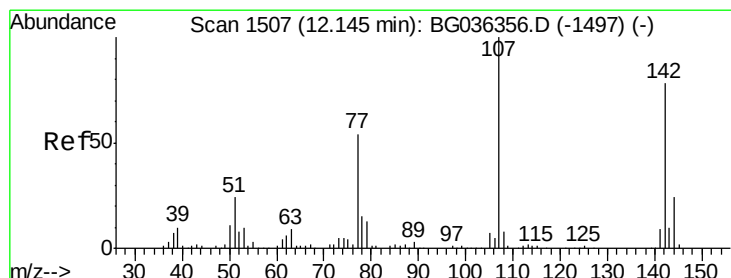
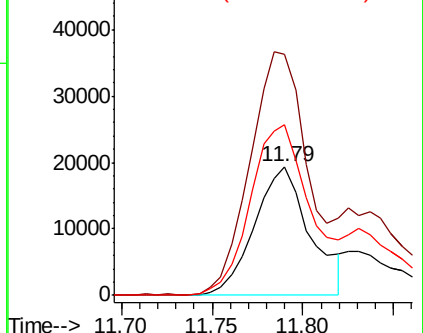
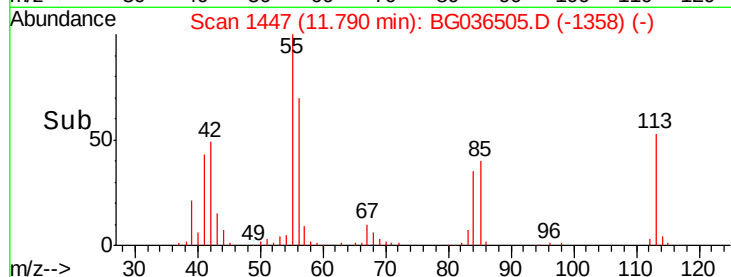
56 131.9 131.7 171.7



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: 48.215 ng

RT: 12.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

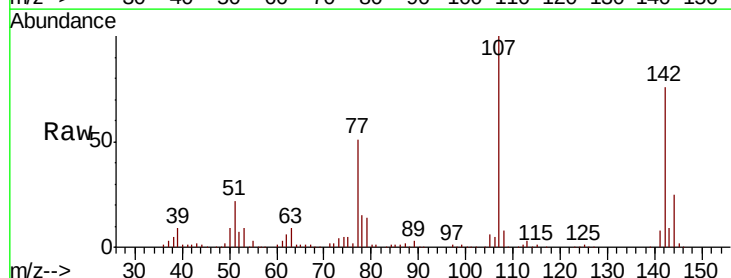
Tgt Ion:107 Resp: 231897

Ion Ratio Lower Upper

107 100

144 24.9 19.5 29.3

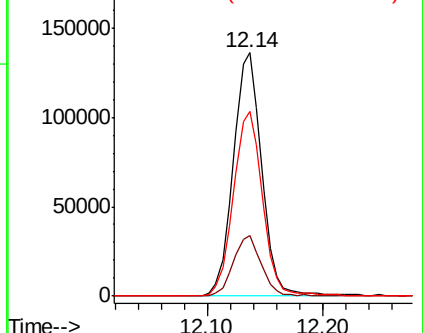
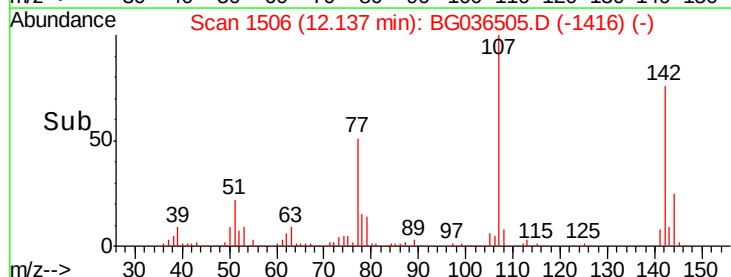
142 75.6 62.4 93.6

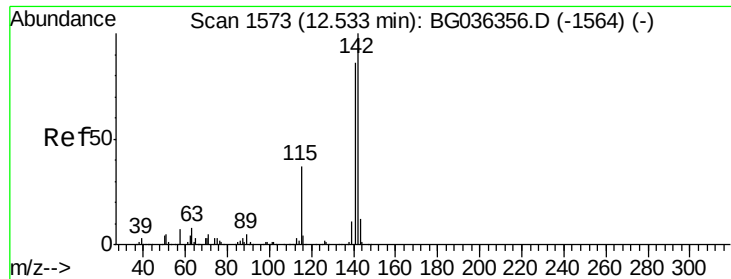


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

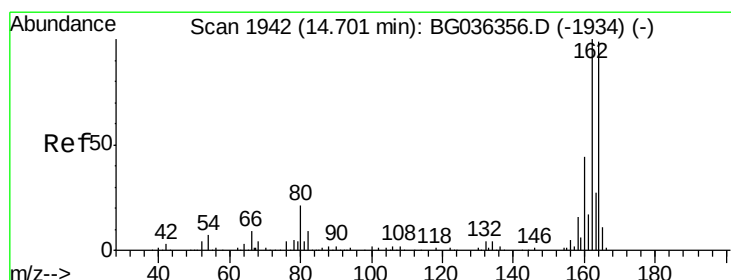
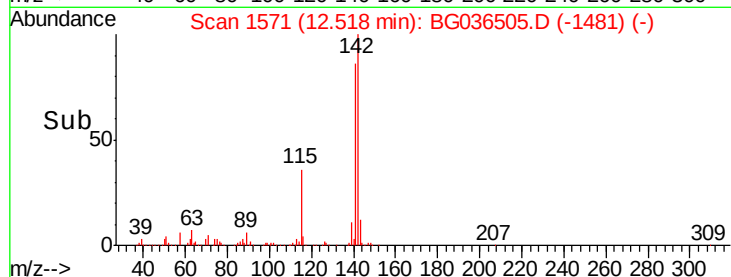
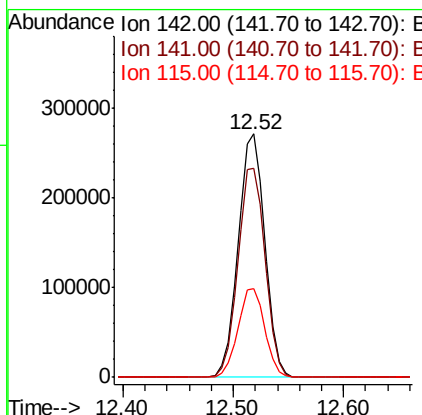
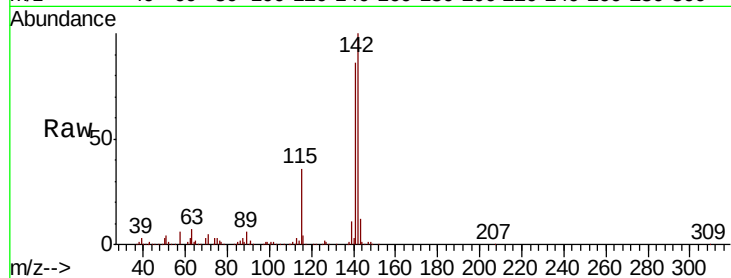




#37
 2-Methylnaphthalene
 Concen: 48.597 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

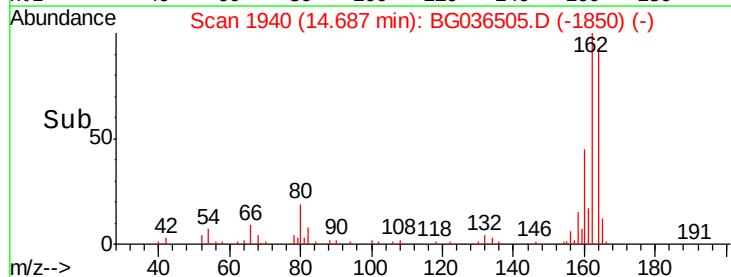
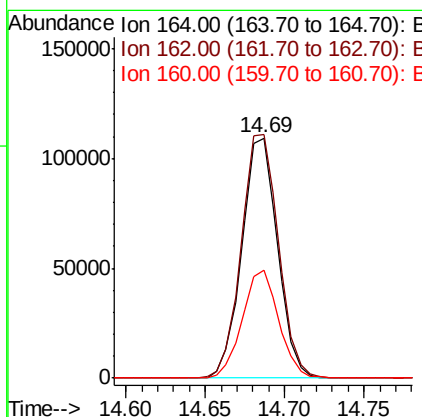
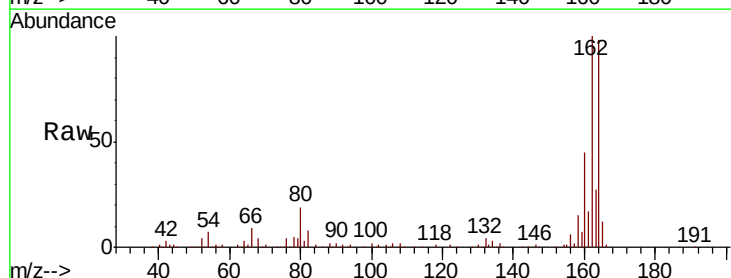
Instrument :
 BNA_G
 ClientSampleId :

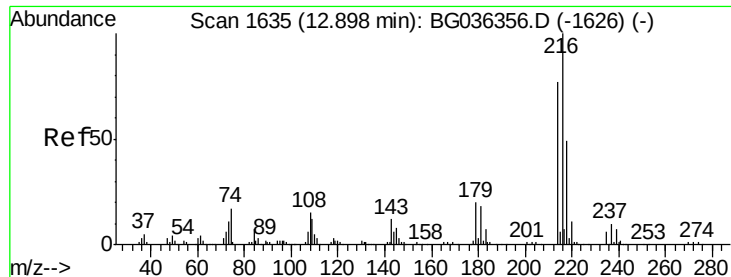
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.5	102.7
115	36.3	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.961 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 265799

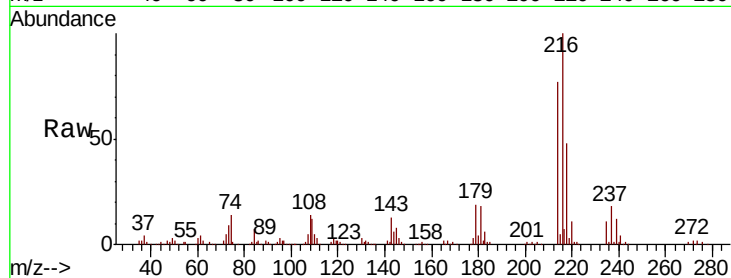
Ion Ratio Lower Upper

216 100

214 76.9 61.0 91.6

179 19.0 15.7 23.5

108 17.4 13.1 19.7

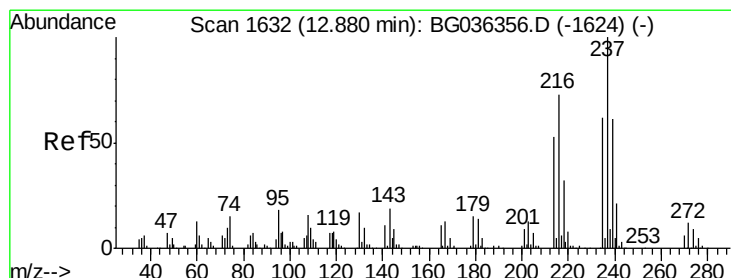
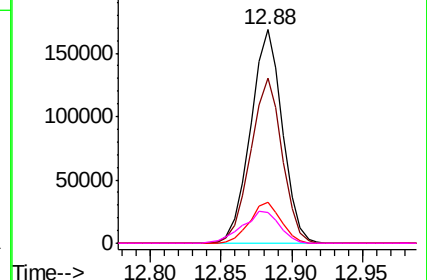
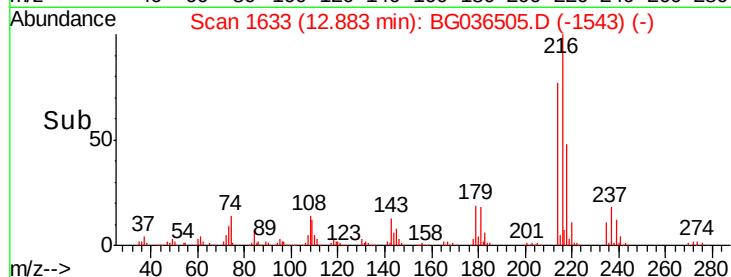


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.890 ng

RT: 12.87 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

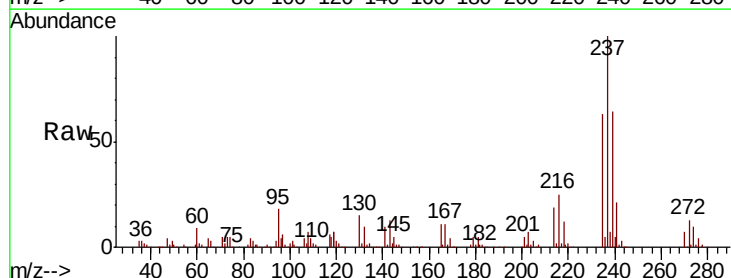
Tgt Ion:237 Resp: 298511

Ion Ratio Lower Upper

237 100

235 63.4 42.2 82.2

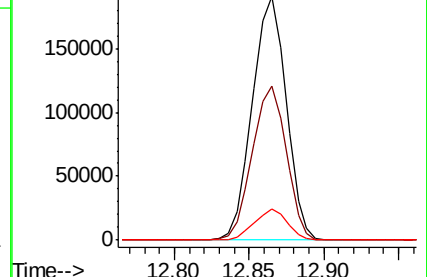
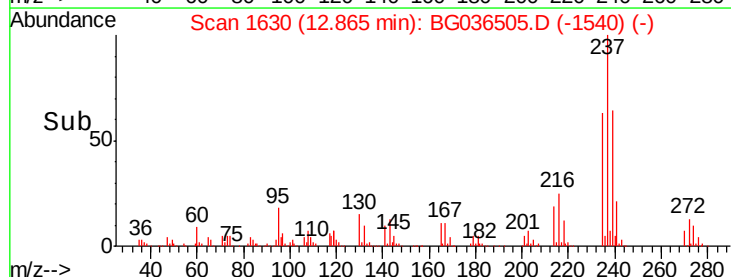
272 12.7 0.0 32.1

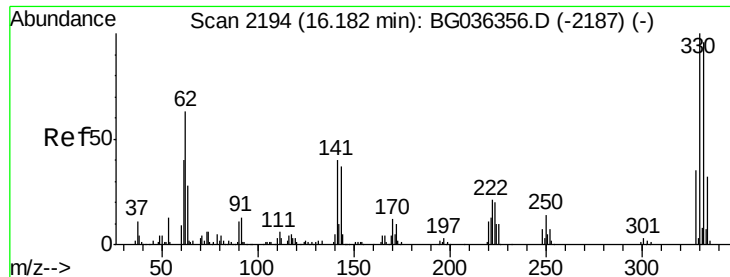


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

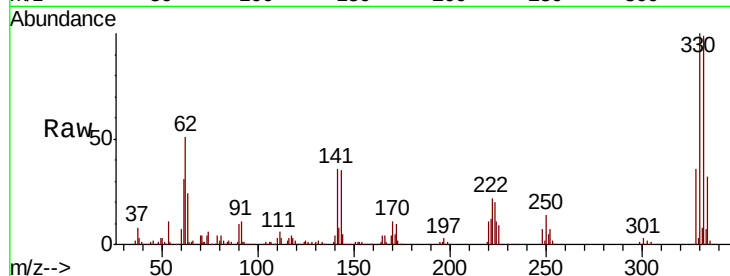




#41
 2,4,6-Tribromophenol
 Concen: 158.509 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	36.5	30.7	46.1

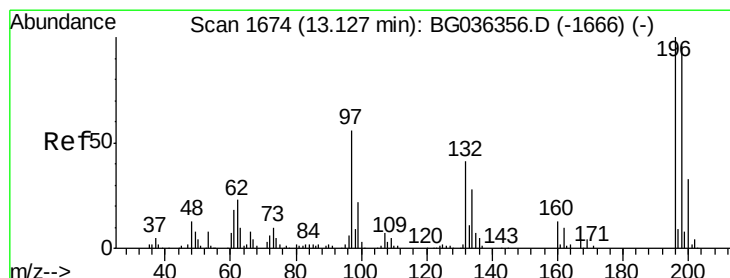
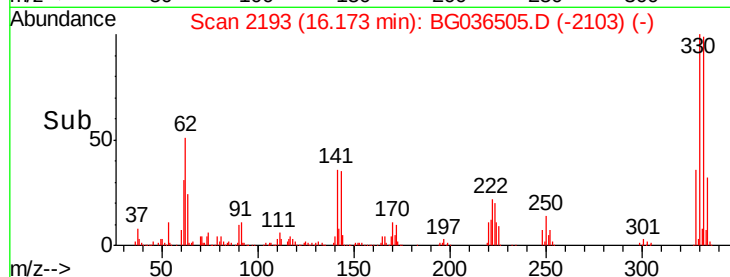
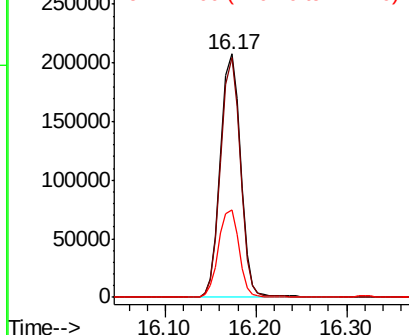


Abundance

Ion 329.80 (329.50 to 330.50): E

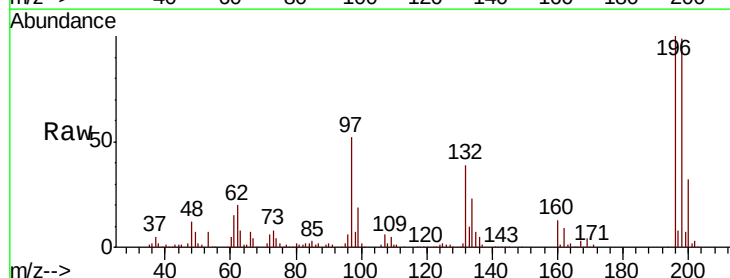
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.445 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	77.2	115.8
200	31.8	26.3	39.5

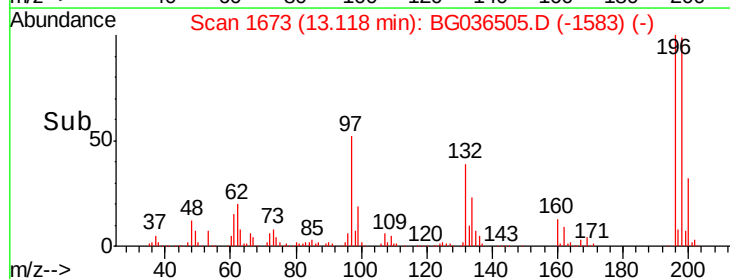
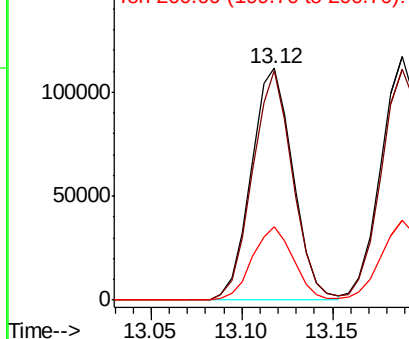


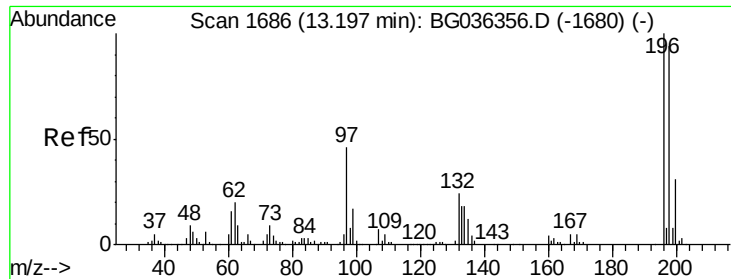
Abundance

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

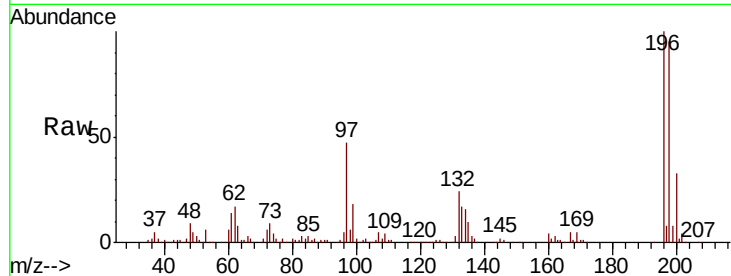




#43
2,4,5-Trichlorophenol
Concen: 49.524 ng
RT: 13.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.6	113.4
97	47.2	37.2	55.8
132	24.4	19.4	29.2



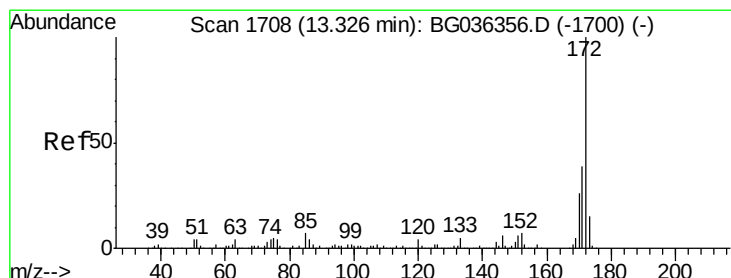
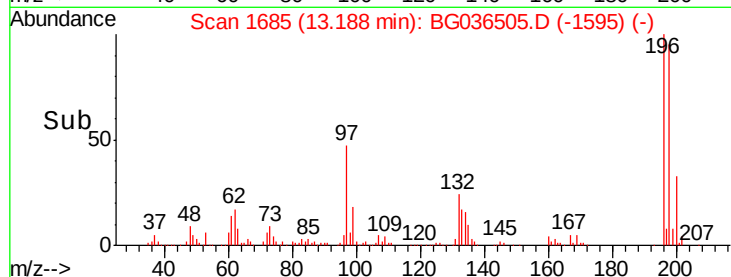
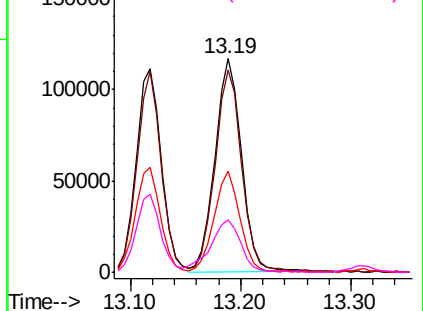
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

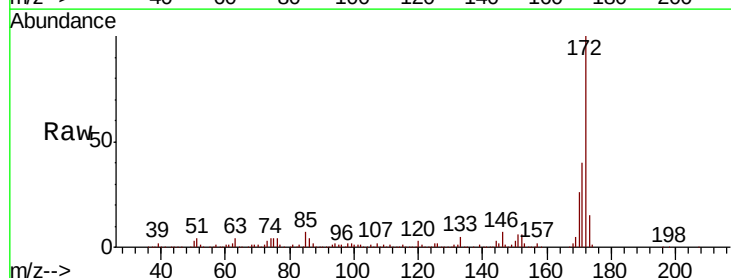
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.126 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.3	46.9
170	25.7	21.0	31.6

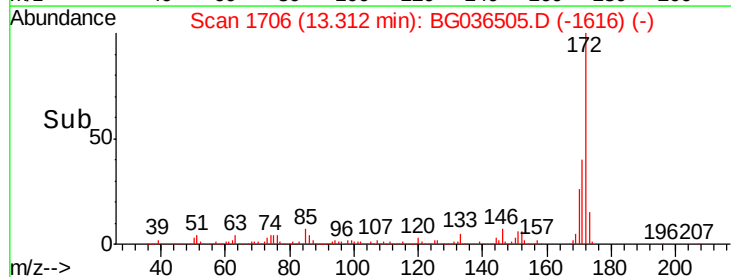
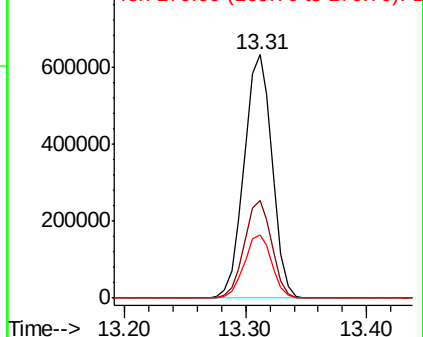


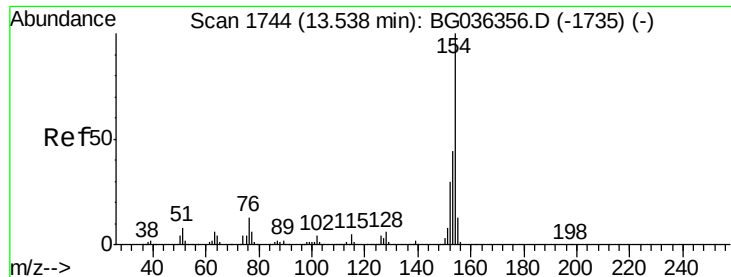
Abundance

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: 42.325 ng

RT: 13.52 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

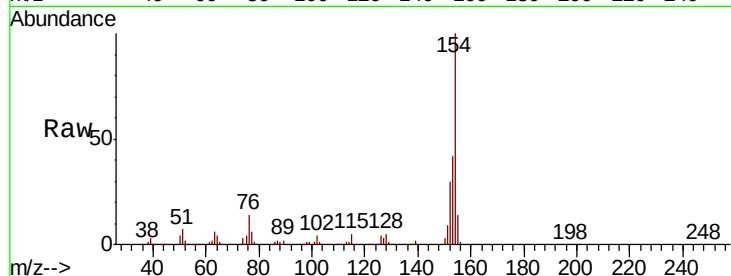
Tot Ion:154 Resp: 600247

Ion Ratio Lower Upper

154 100

153 42.4 24.0 64.0

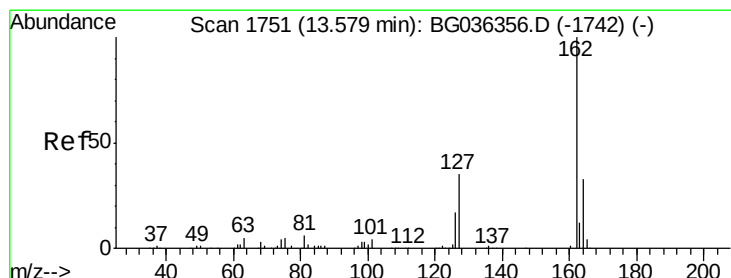
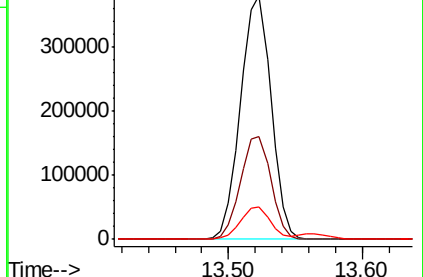
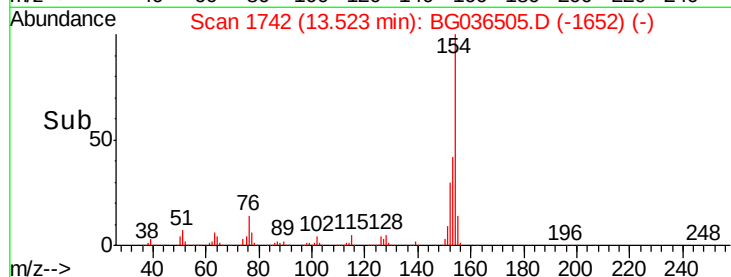
76 13.5 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.042 ng

RT: 13.56 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

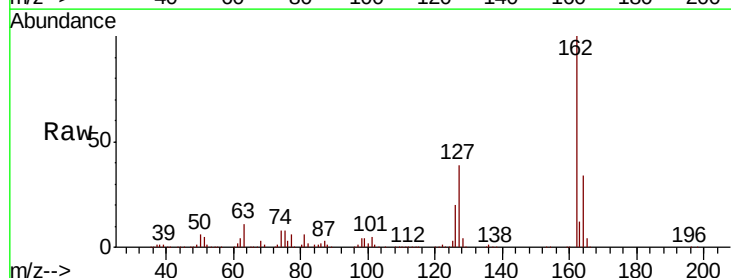
Tgt Ion:162 Resp: 466007

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

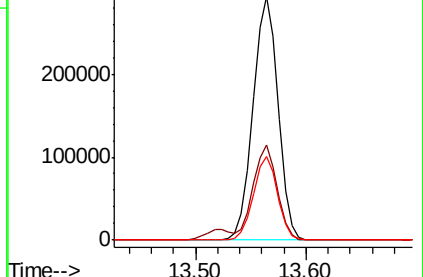
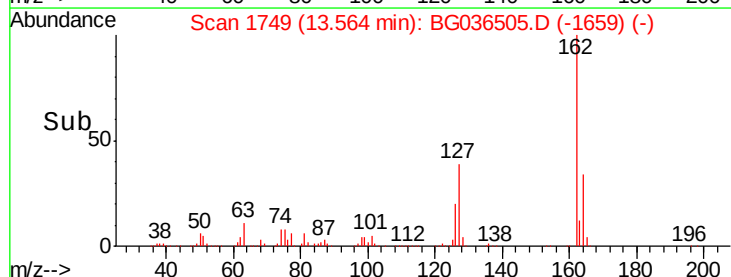
164 34.5 26.7 40.1

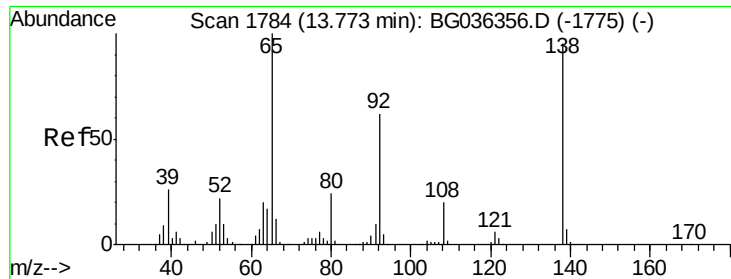


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

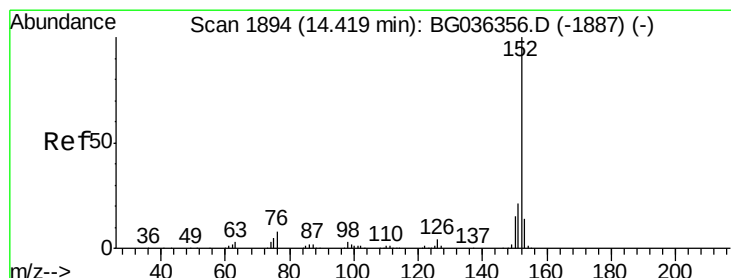
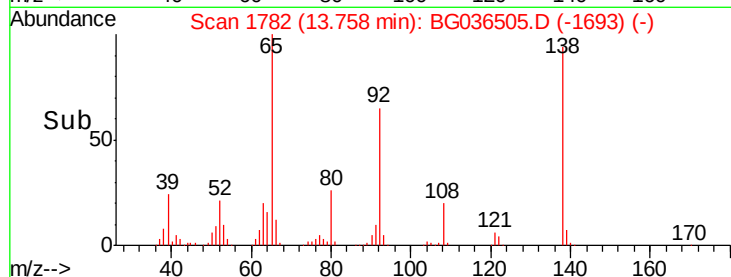
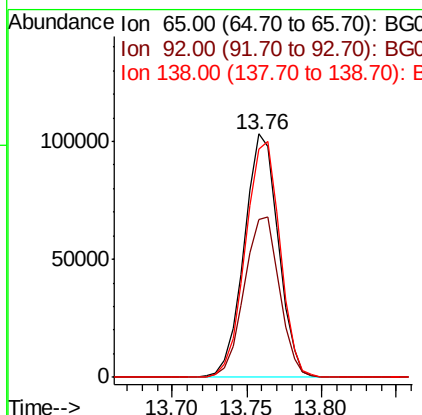
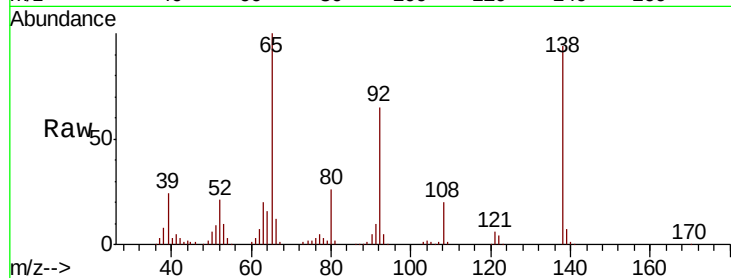




#47
2-Nitroaniline
Concen: 48.005 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

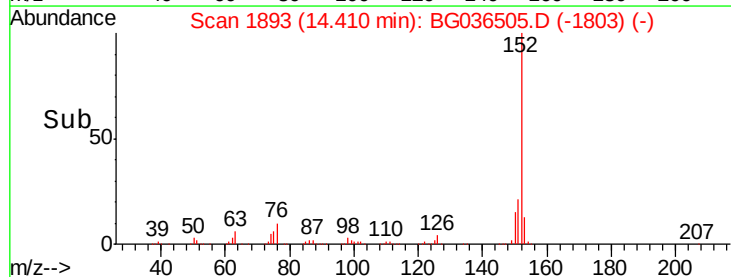
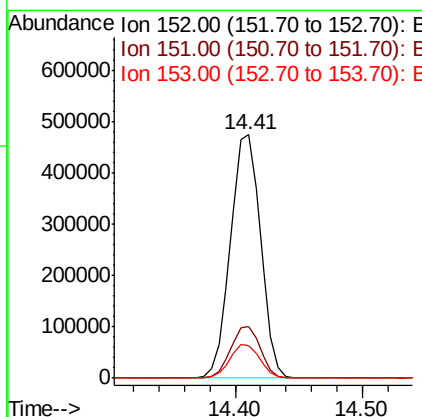
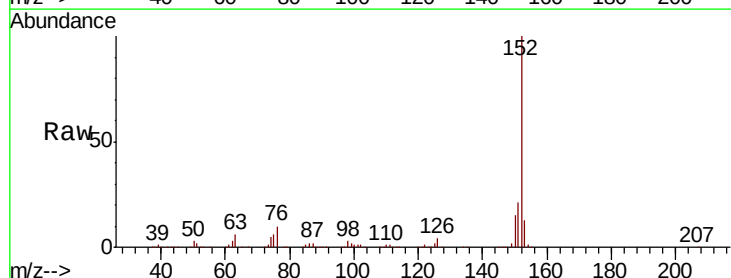
Instrument :
BNA_G
ClientSampleId :

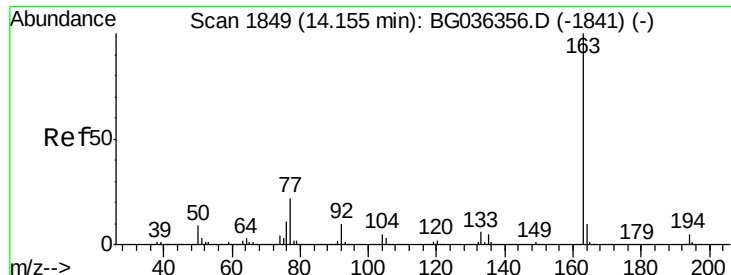
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.9	74.9
138	93.8	76.2	114.4



#48
Acenaphthylene
Concen: 45.998 ng
RT: 14.41 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.5	11.2	16.8

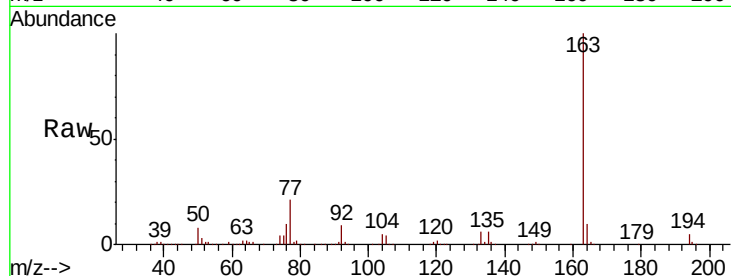




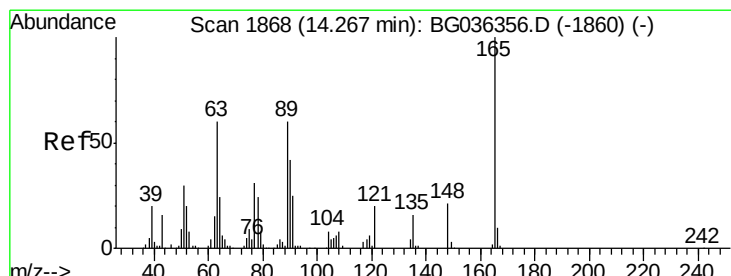
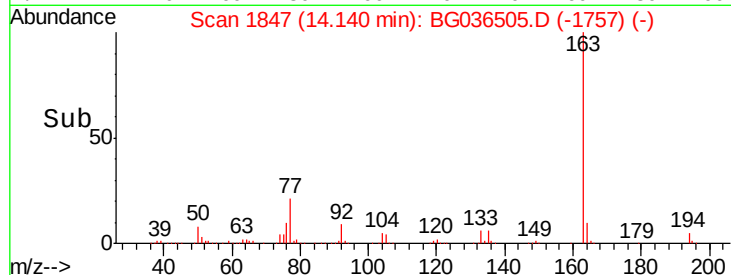
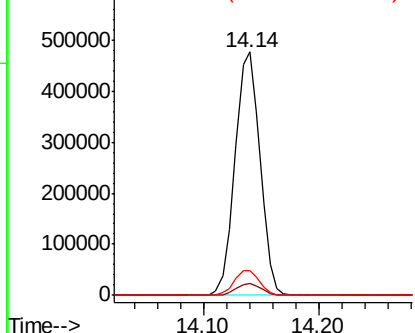
#49
Dimethylphthalate
Concen: 51.107 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 712993
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.4 8.1 12.1

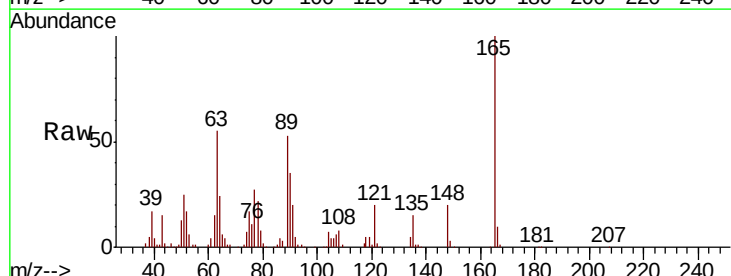


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

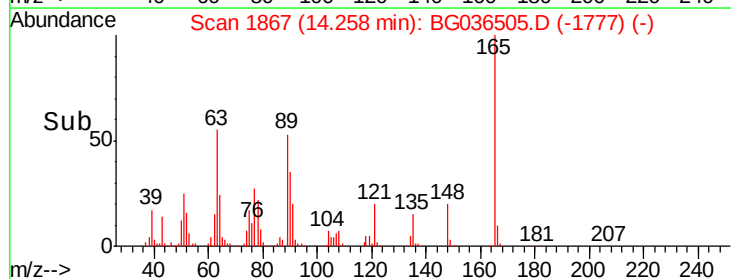
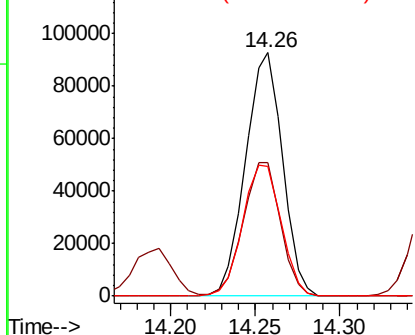


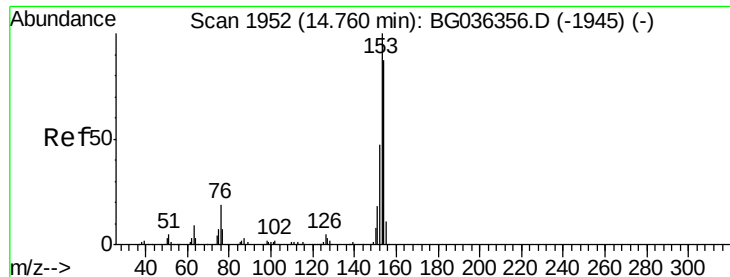
#50
2,6-Dinitrotoluene
Concen: 49.204 ng
RT: 14.26 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:165 Resp: 141250
Ion Ratio Lower Upper
165 100
63 55.0 50.1 75.1
89 53.5 47.8 71.6



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





#51

Acenaphthene

Concen: 45.937 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

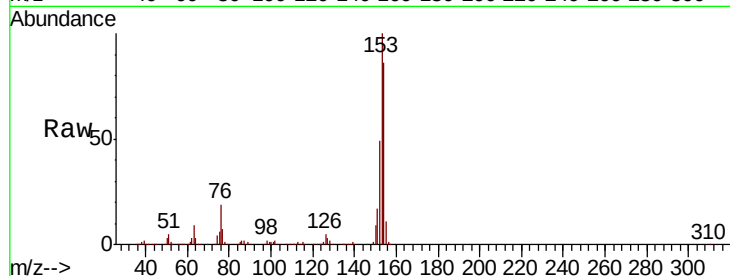
Tot Ion:154 Resp: 497804

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

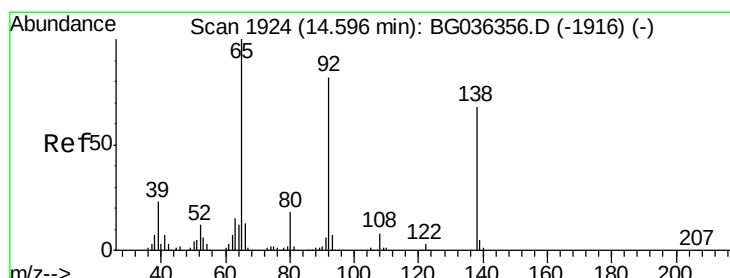
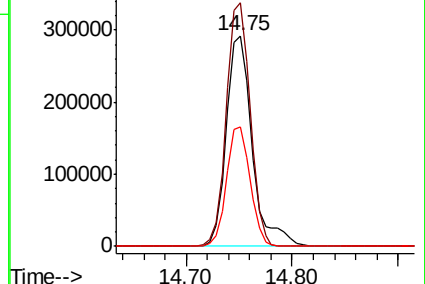
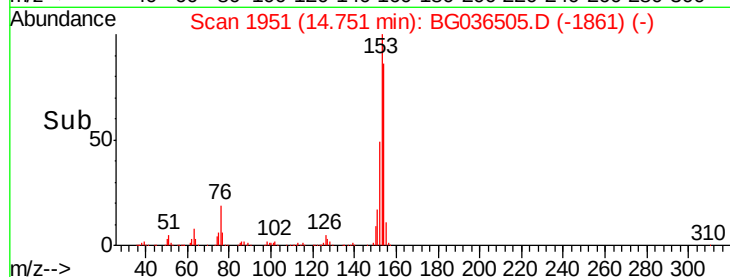
152 56.8 43.5 65.3



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: 17.713 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

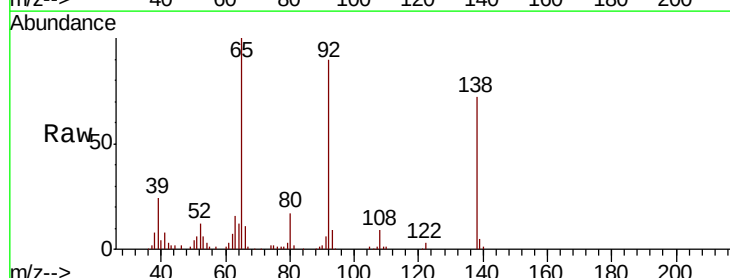
Tgt Ion:138 Resp: 54796

Ion Ratio Lower Upper

138 100

108 12.9 9.4 14.2

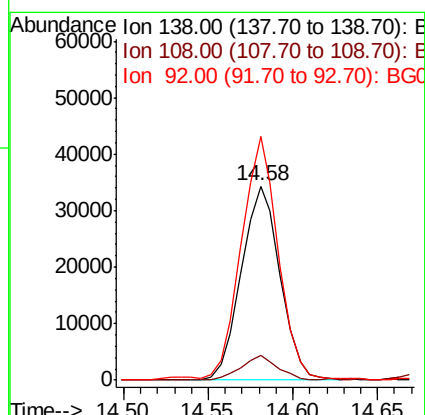
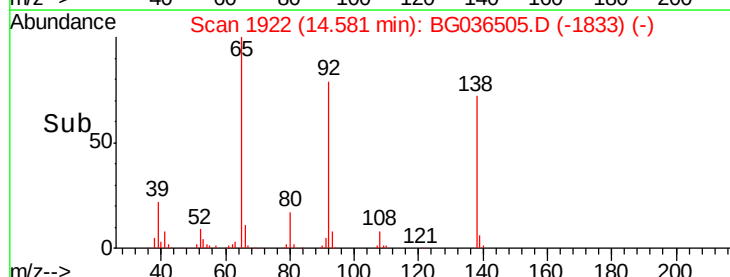
92 125.5 96.8 145.2

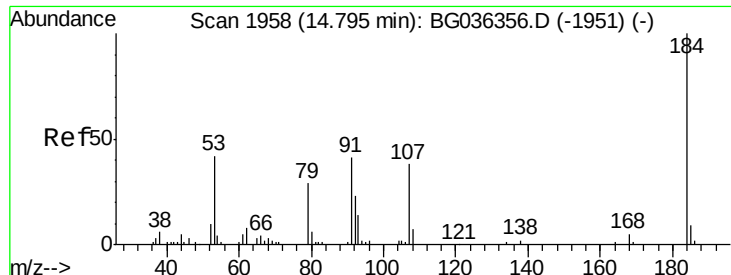


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

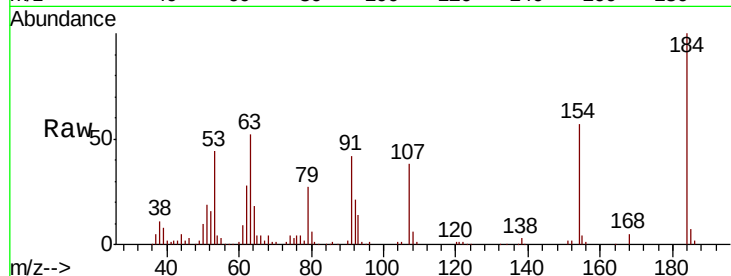




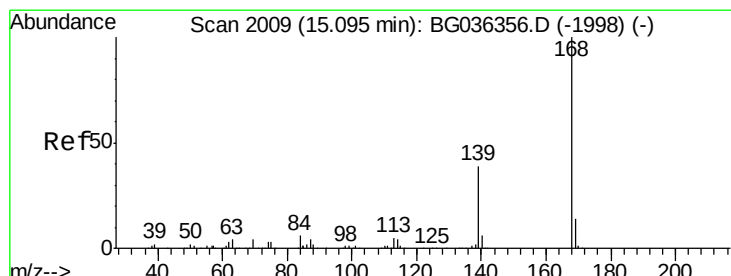
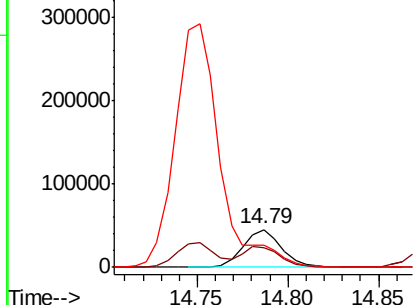
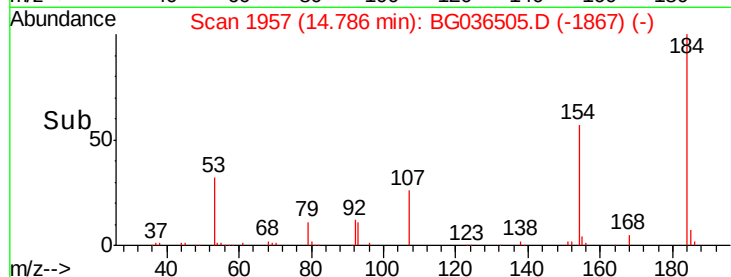
#53
 2,4-Dinitrophenol
 Concen: 61.196 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.1	47.3	70.9
154	57.0	51.1	76.7

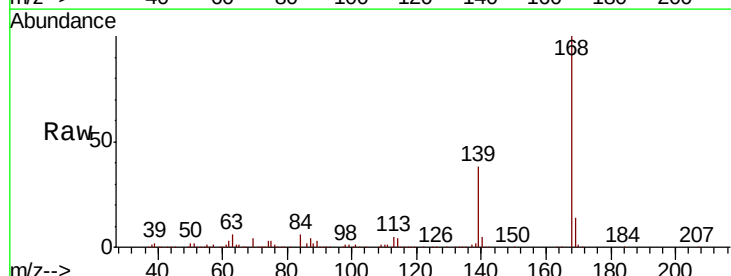


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

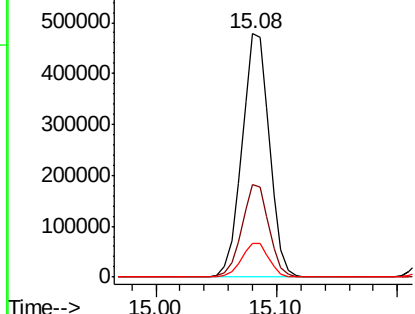
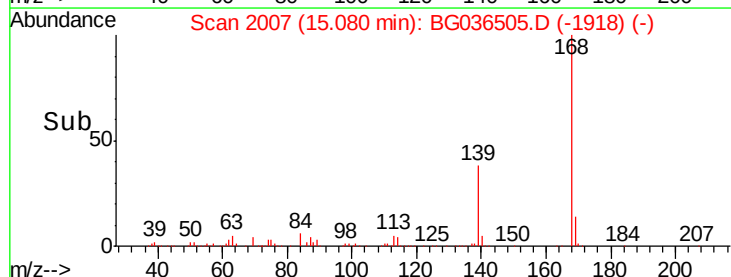


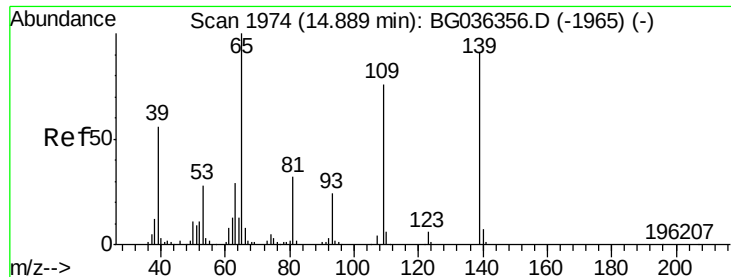
#54
 Dibenzofuran
 Concen: 44.511 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.0	46.6
169	14.1	11.1	16.7



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

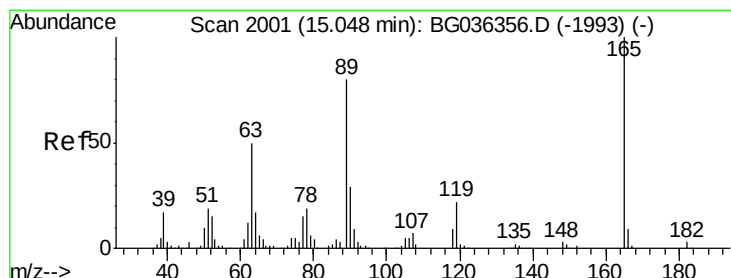
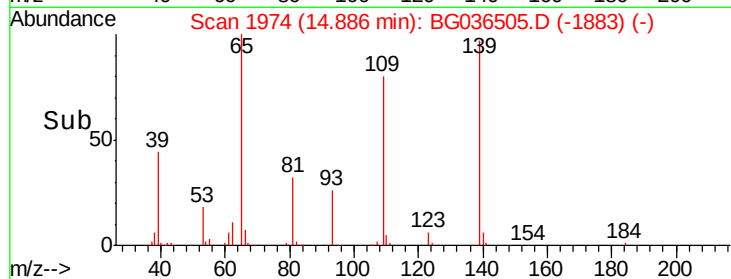
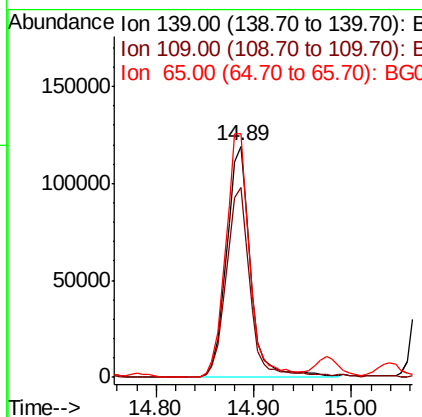
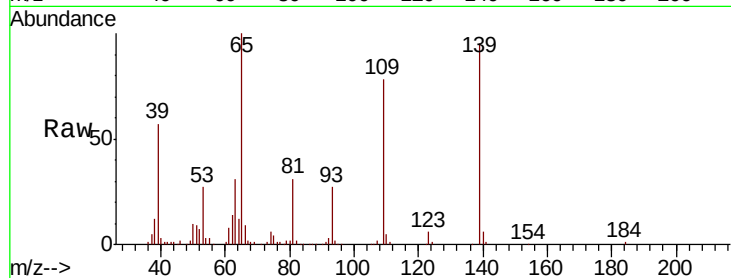




#55
4-Nitrophenol
Concen: 80.350 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

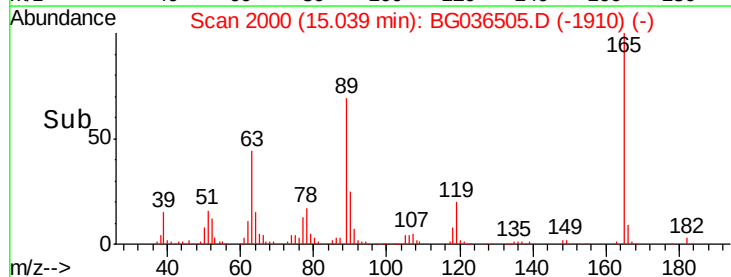
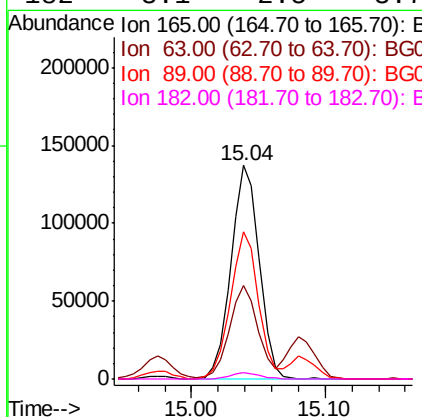
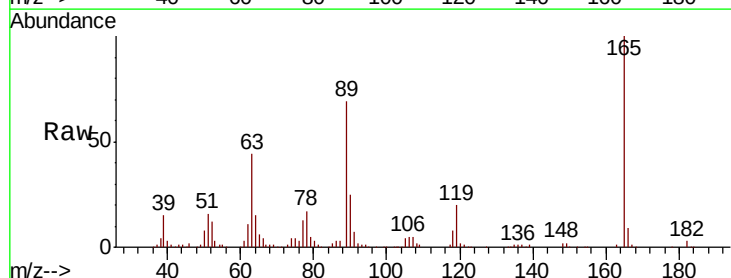
Instrument :
BNA_G
ClientSampleId :

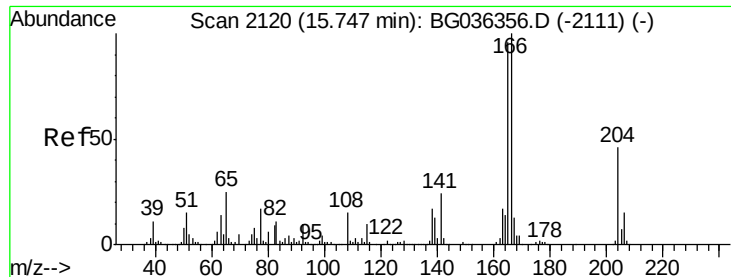
Tot Ion	Ratio	Lower	Upper
139	100		
109	82.1	63.9	103.9
65	105.5	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 53.938 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	40.1	60.1
89	69.2	63.7	95.5
182	3.1	2.5	3.7





#57

Fluorene

Concen: 48.275 ng

RT: 15.73 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

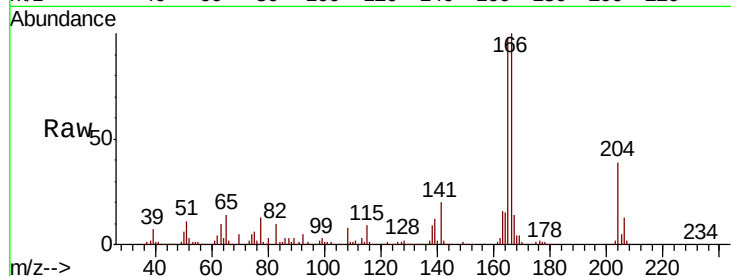
Tot Ion:166 Resp: 612687

Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.4

167 14.4 10.6 16.0

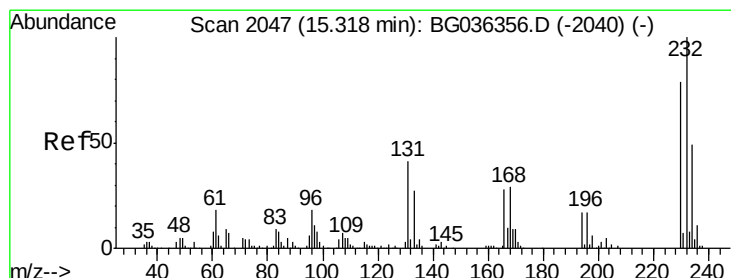
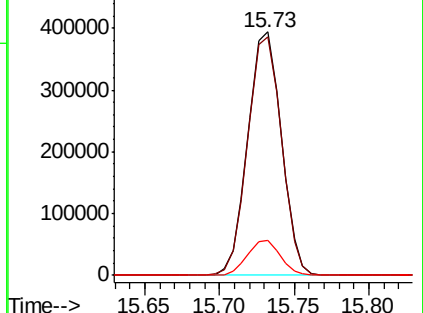
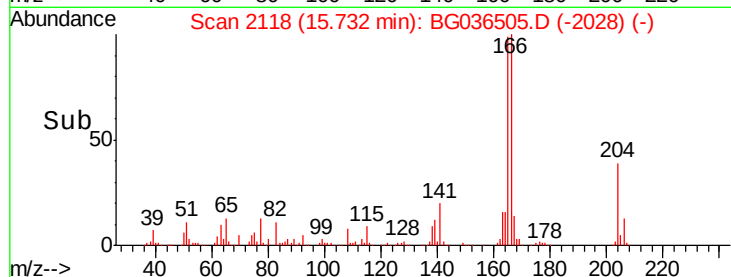


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.033 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Tgt Ion:232 Resp: 195739

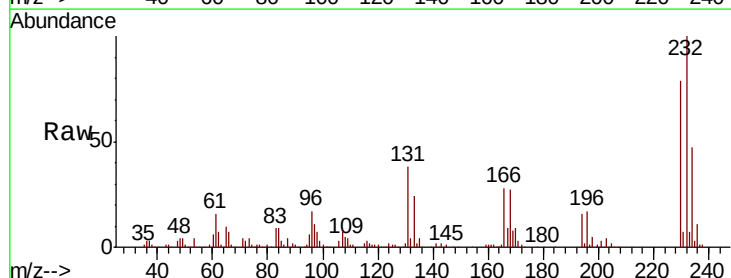
Ion Ratio Lower Upper

232 100

131 38.4 33.8 50.8

130 2.2 2.1 3.1

166 27.5 22.3 33.5



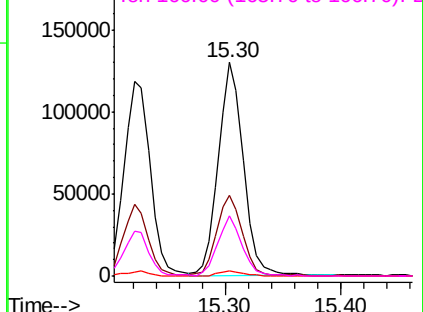
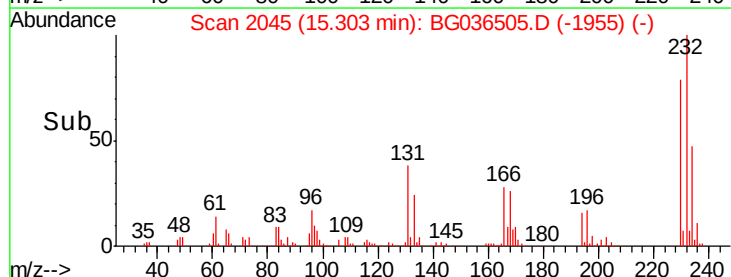
Abundance

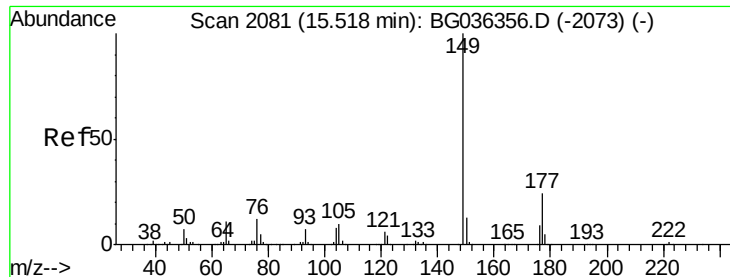
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

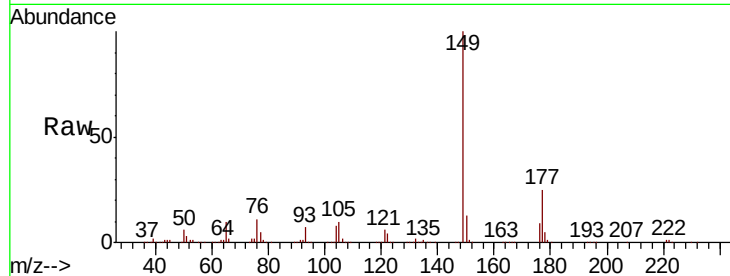




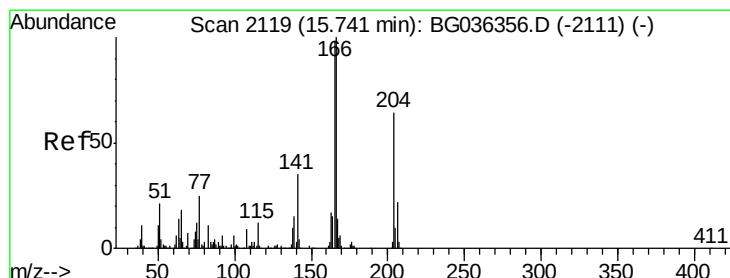
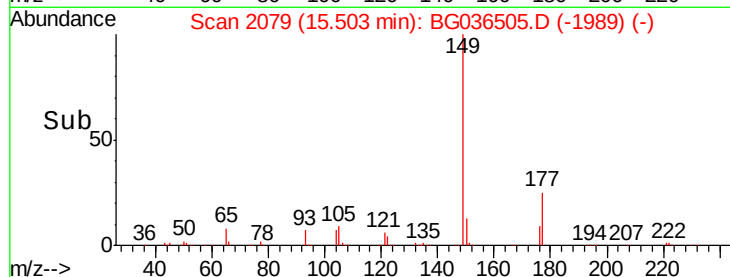
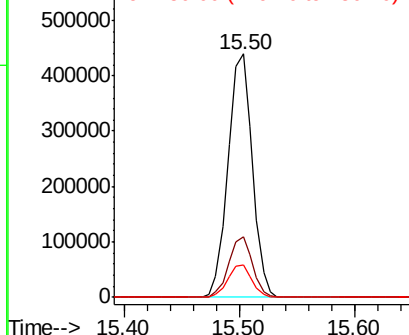
#59
Diethylphthalate
Concen: 45.371 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.1	28.7
150	13.3	10.7	16.1

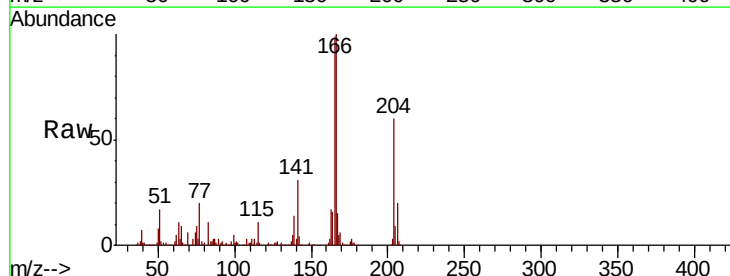


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

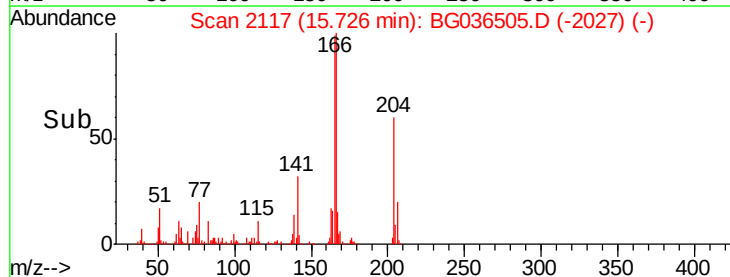
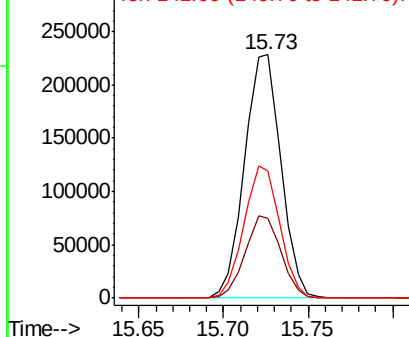


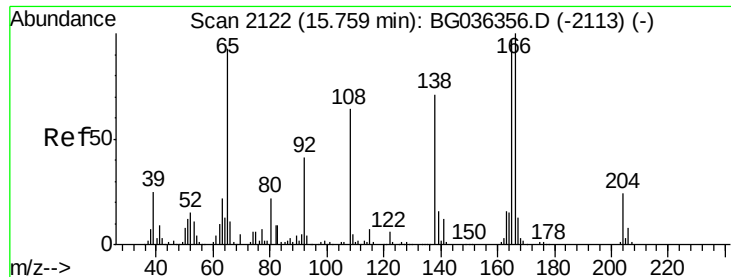
#60
4-Chlorophenyl-phenylether
Concen: 43.751 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	52.2	43.8	65.6



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

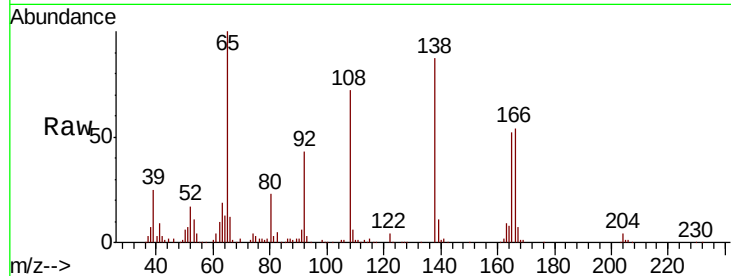




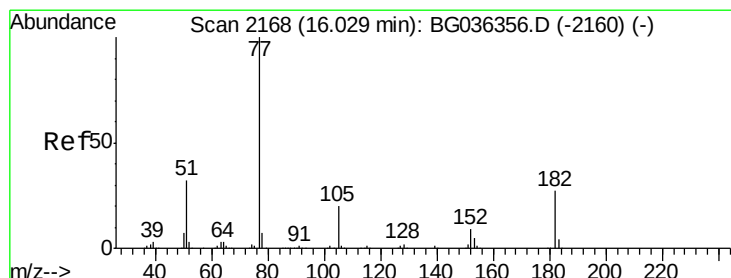
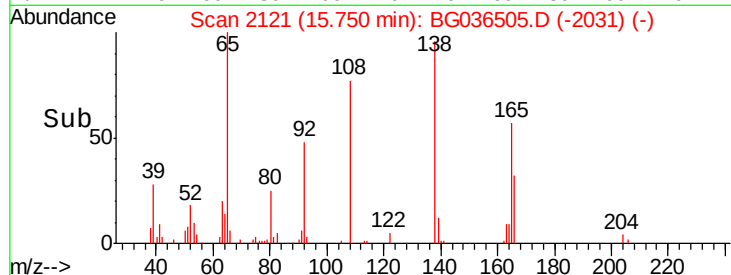
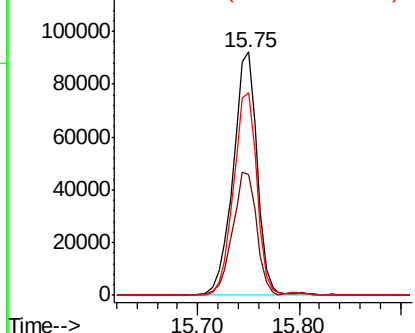
#61
4-Nitroaniline
Concen: 46.784 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 151449
Ion Ratio Lower Upper
138 100
92 49.5 38.5 78.5
108 83.5 70.3 110.3

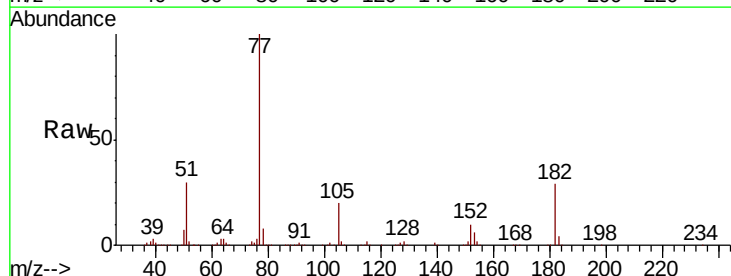


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

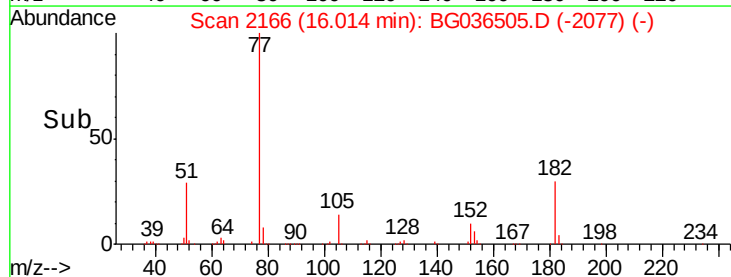
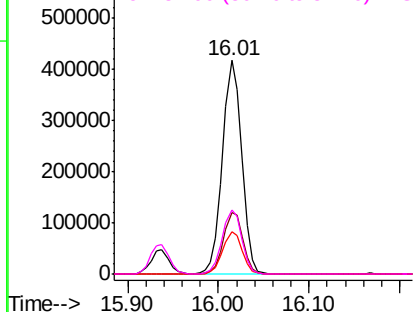


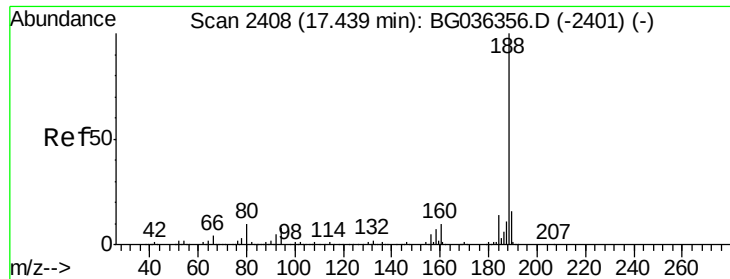
#62
Azobenzene
Concen: 42.862 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion: 77 Resp: 613154
Ion Ratio Lower Upper
77 100
182 29.0 6.7 46.7
105 19.7 0.0 39.8
51 30.2 12.4 52.4



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

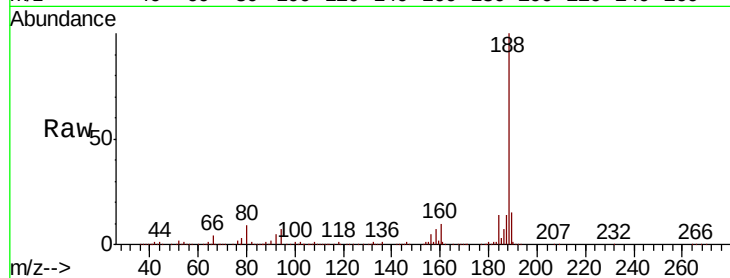




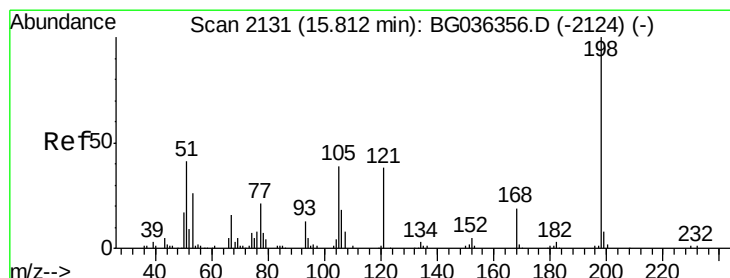
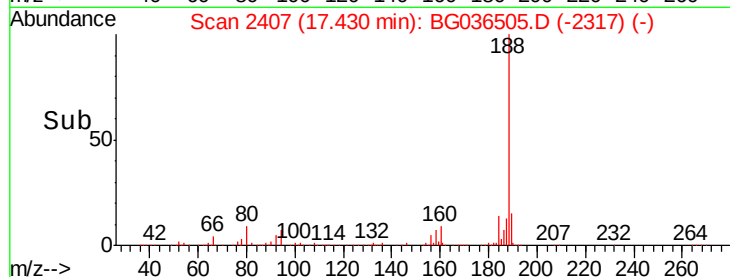
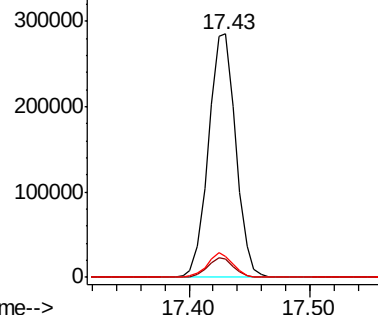
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 448959
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.7 8.1 12.1

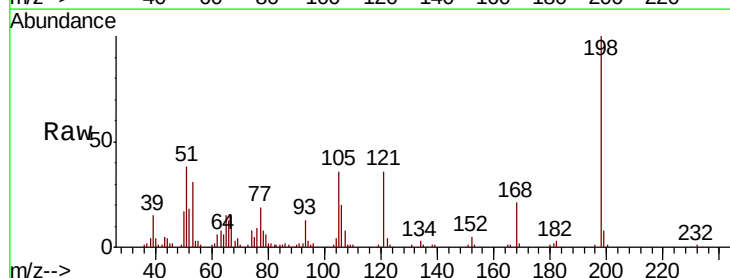


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

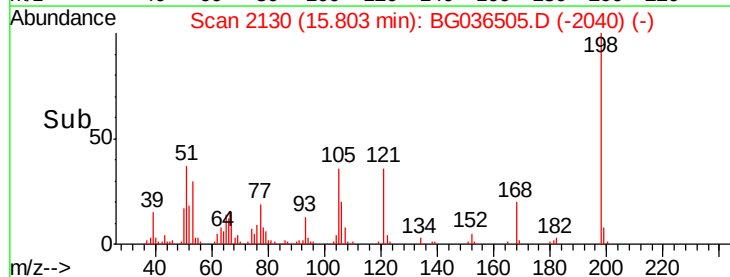
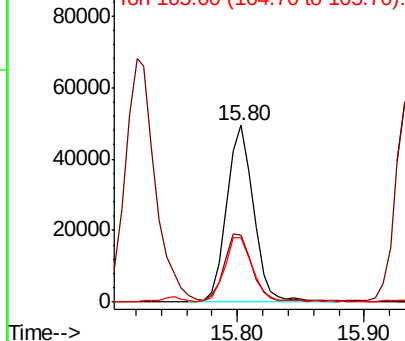


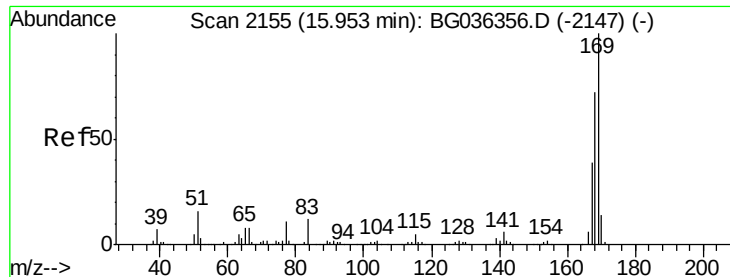
#64
4,6-Dinitro-2-methylphenol
Concen: 36.766 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:198 Resp: 72509
Ion Ratio Lower Upper
198 100
51 37.7 26.5 66.5
105 36.2 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.742 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

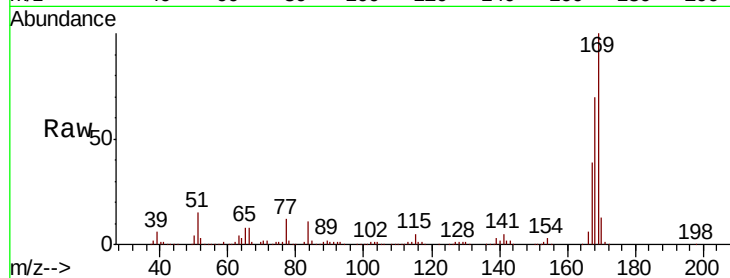
Instrument :

BNA_G

ClientSampled :

Tot Ion:169 Resp: 570190

Ion	Ratio	Lower	Upper
169	100		
168	69.8	57.6	86.4
167	38.8	31.0	46.4

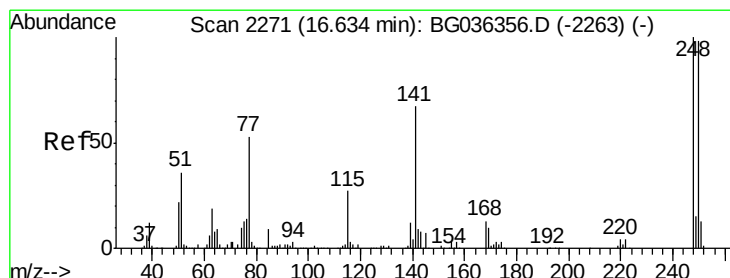
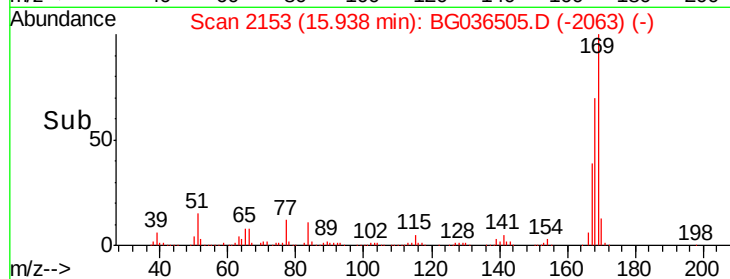
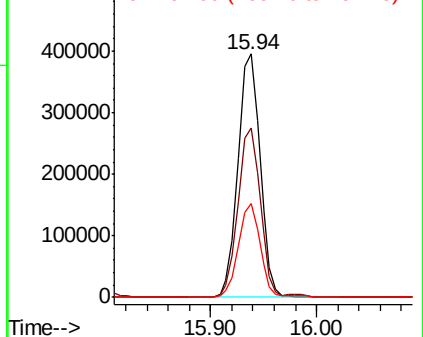


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.509 ng

RT: 16.61 min Scan# 2268

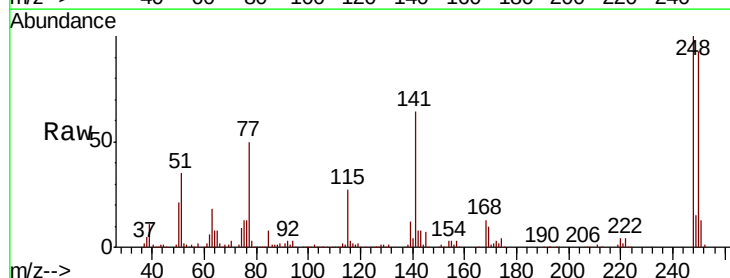
Delta R.T. -0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Tgt Ion:248 Resp: 233956

Ion	Ratio	Lower	Upper
248	100		
250	93.2	78.1	117.1
141	64.4	53.7	80.5

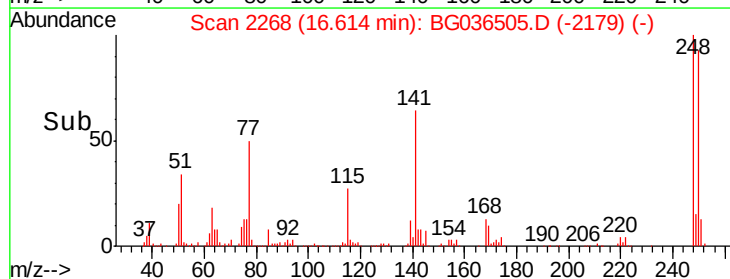
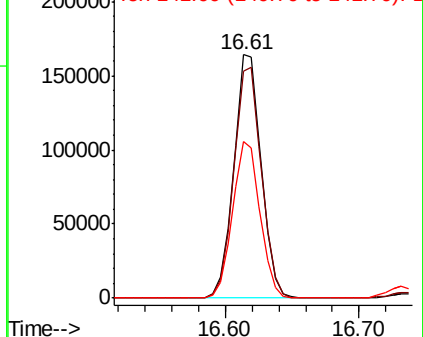


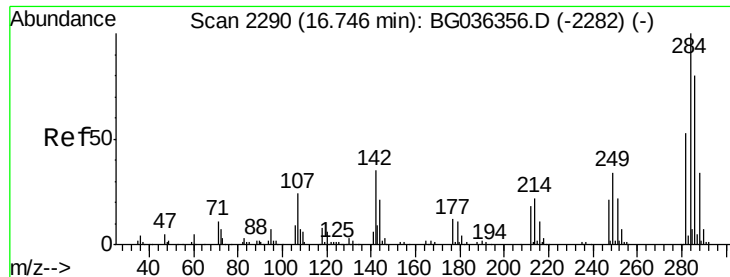
Abundance

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: 43.549 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

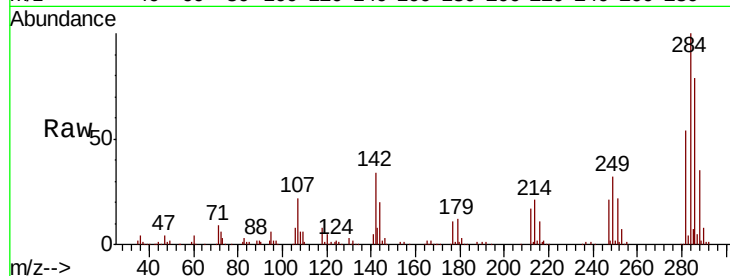
Tot Ion:284 Resp: 234070

Ion Ratio Lower Upper

284 100

142 33.7 27.8 41.6

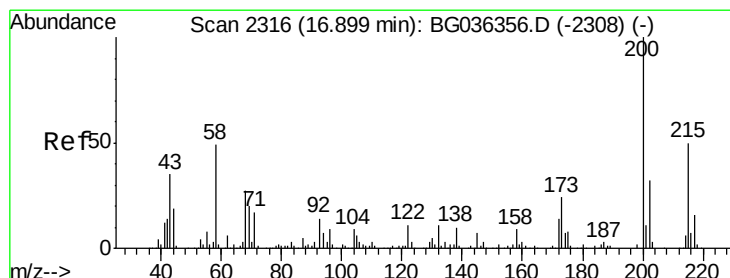
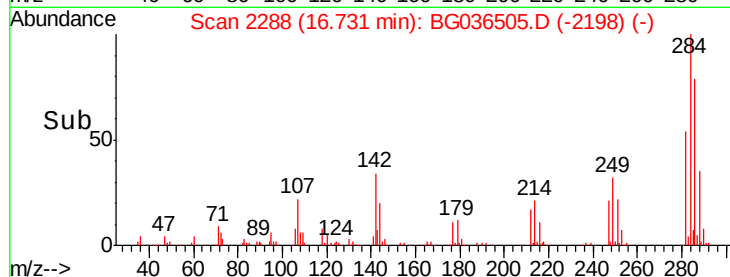
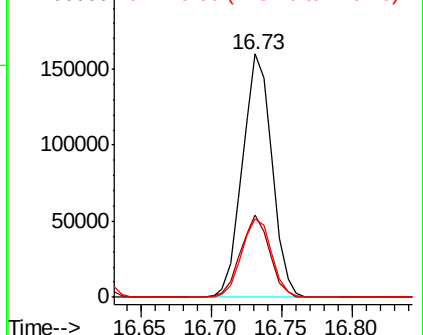
249 32.0 27.4 41.2



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: 48.277 ng

RT: 16.88 min Scan# 2314

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

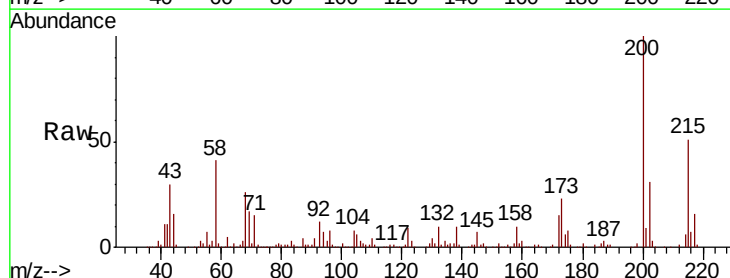
Tgt Ion:200 Resp: 241732

Ion Ratio Lower Upper

200 100

173 22.8 3.9 43.9

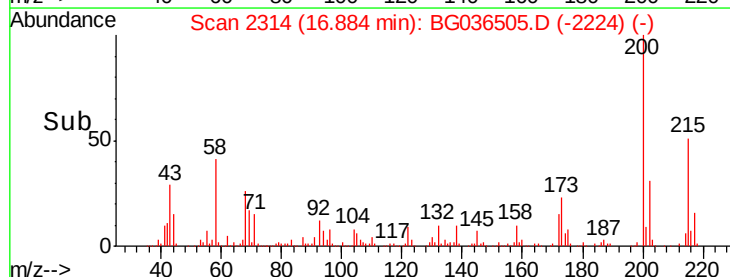
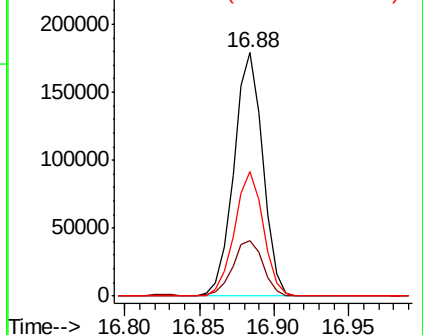
215 51.2 30.4 70.4

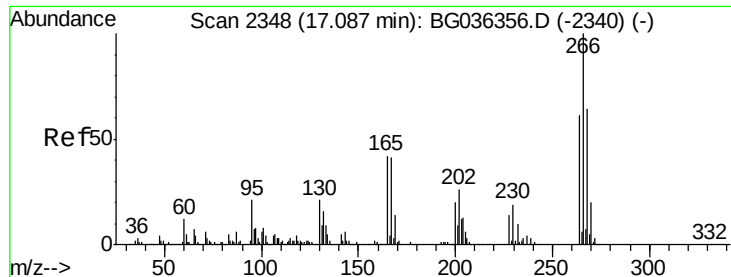


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

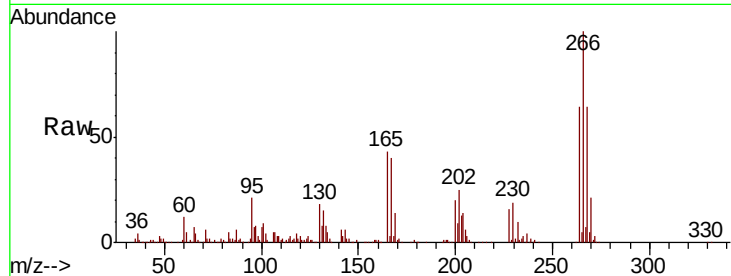




#69
 Pentachlorophenol
 Concen: 67.333 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	64.0	48.9	73.3

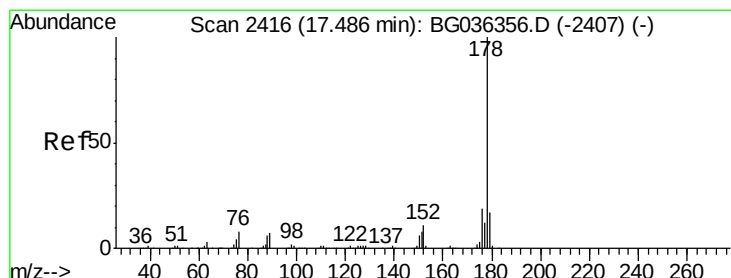
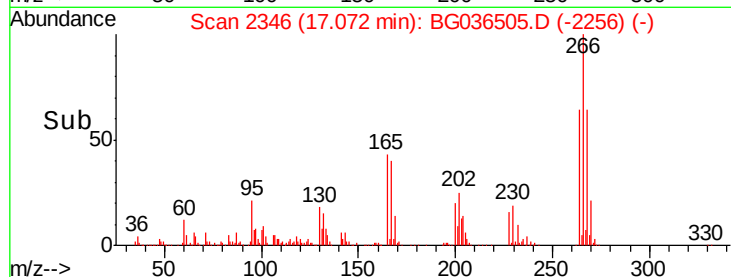
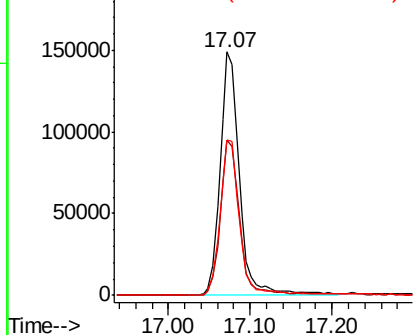


Abundance

Ion 265.70 (265.40 to 266.40): E

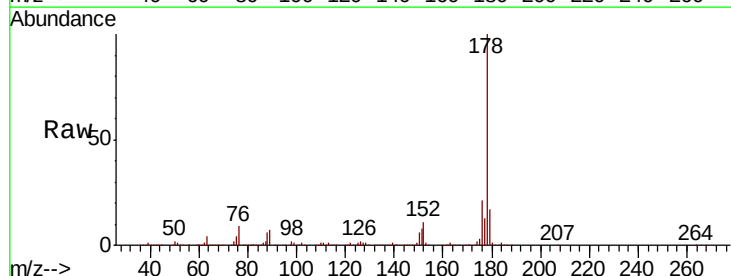
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.851 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.4	23.2
179	16.7	13.4	20.2

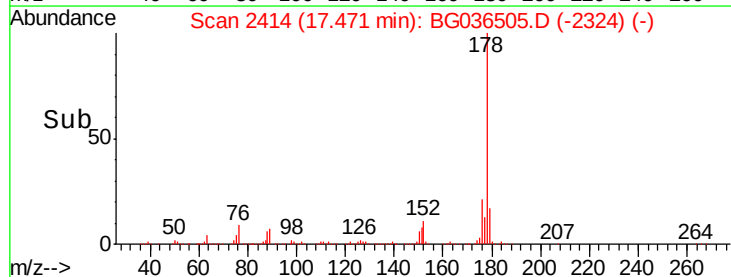
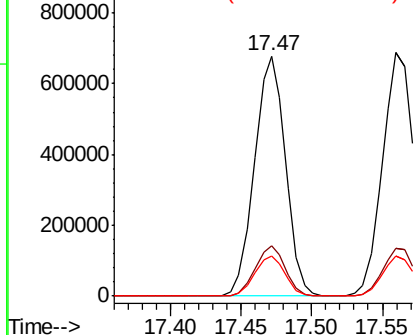


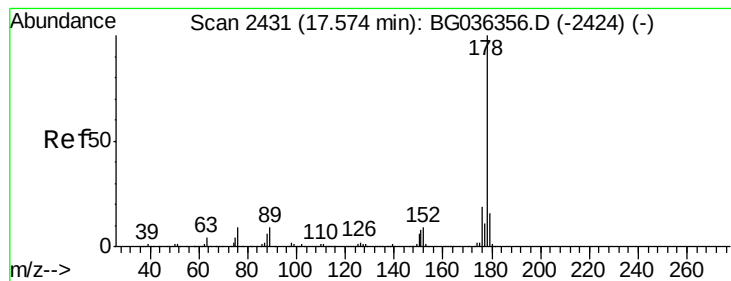
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.013 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

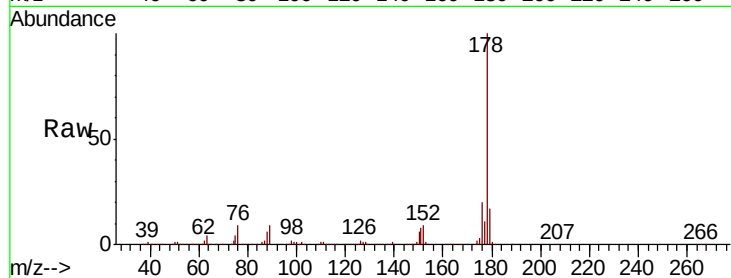
Tot Ion:178 Resp: 1069088

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

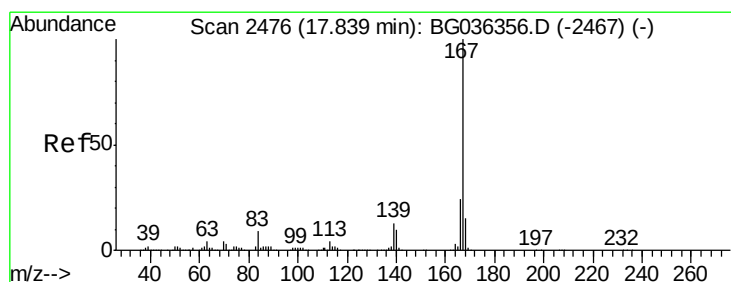
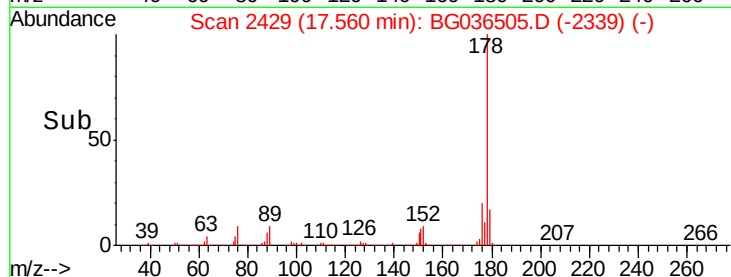
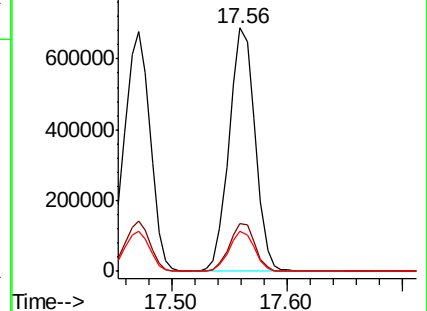
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.664 ng

RT: 17.83 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

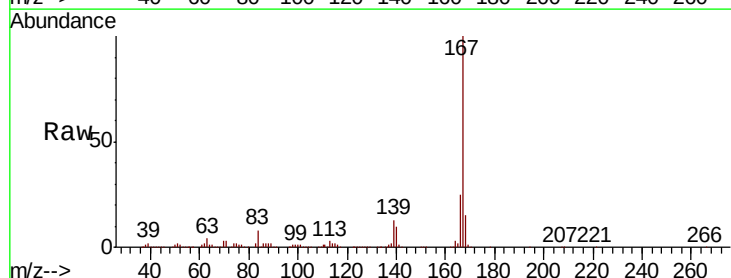
Tgt Ion:167 Resp: 968931

Ion Ratio Lower Upper

167 100

166 24.6 19.5 29.3

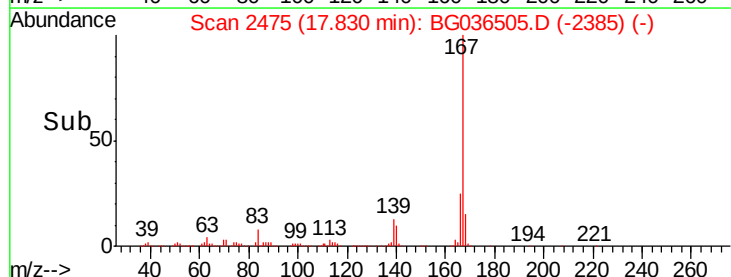
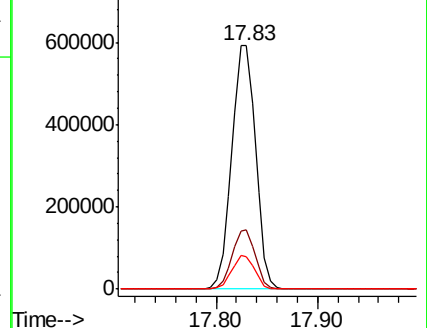
139 13.5 10.7 16.1

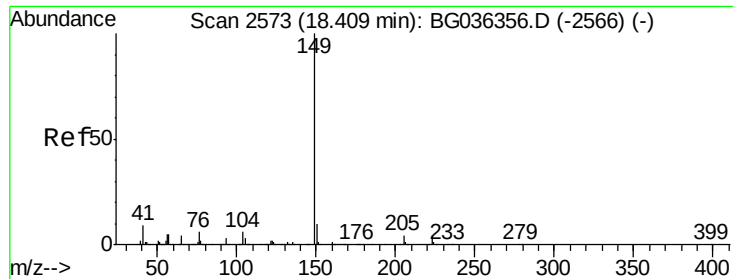


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.379 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampled :

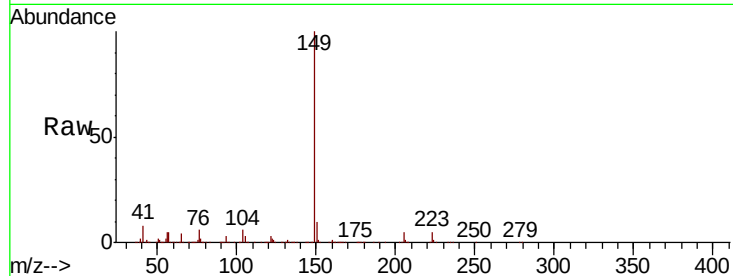
Tot Ion:149 Resp: 1097057

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

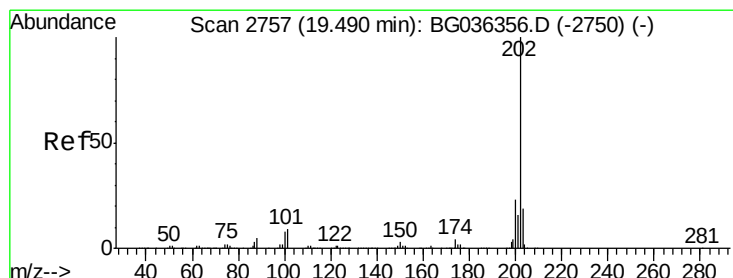
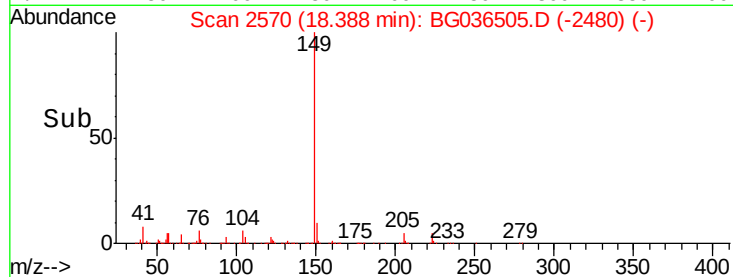
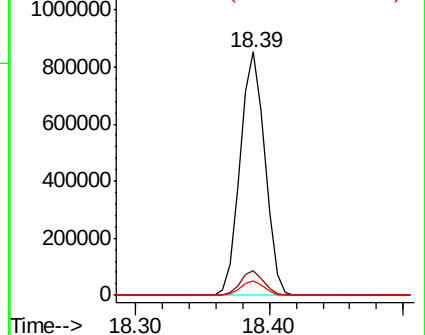
104 6.2 4.6 6.8



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: 47.066 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

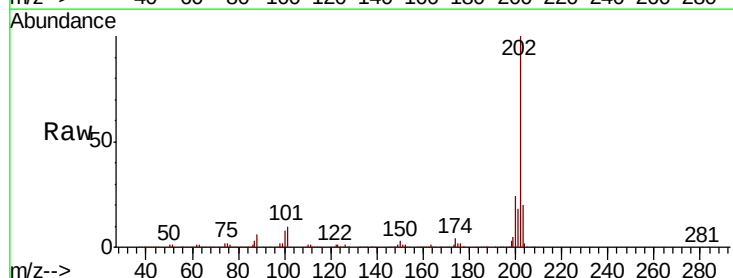
Tgt Ion:202 Resp: 1309067

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.4

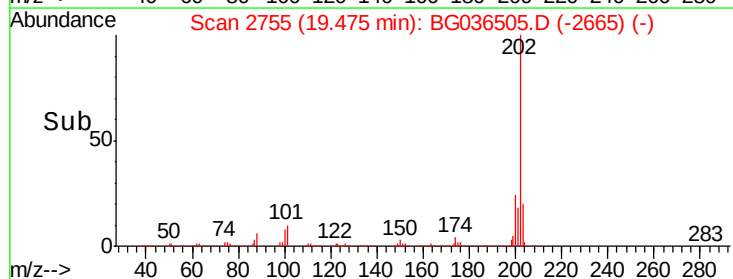
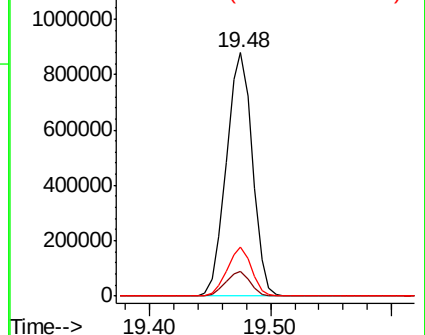
203 19.9 0.0 38.9

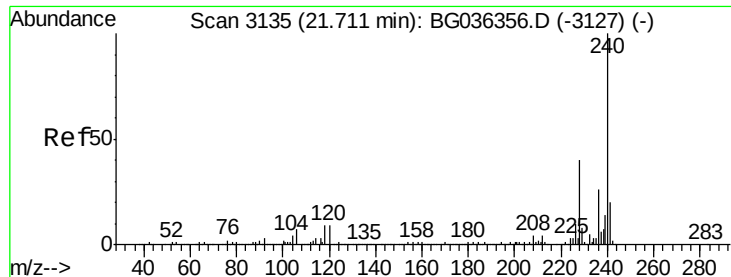


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

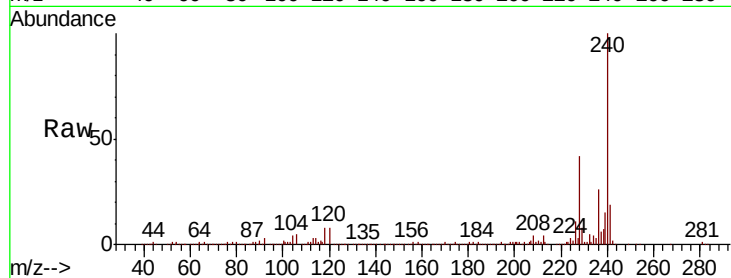
Tot Ion:240 Resp: 457840

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

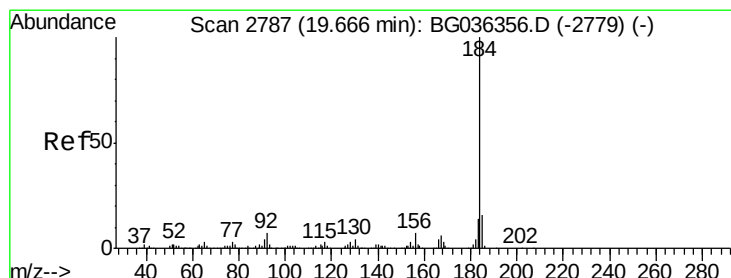
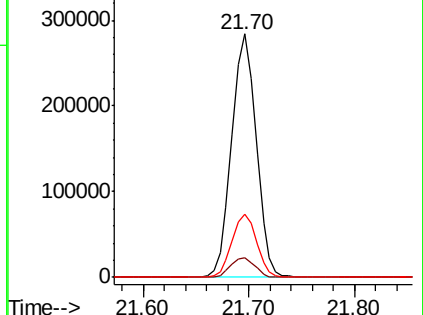
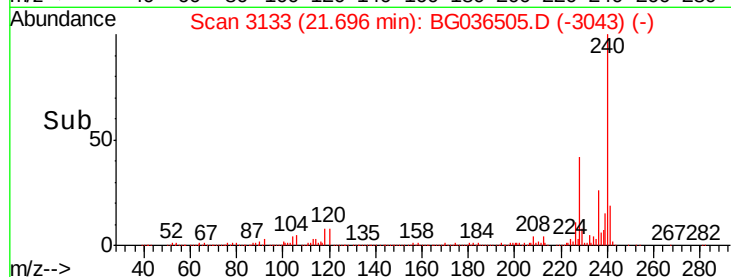
236 26.2 21.2 31.8



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: 13.252 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

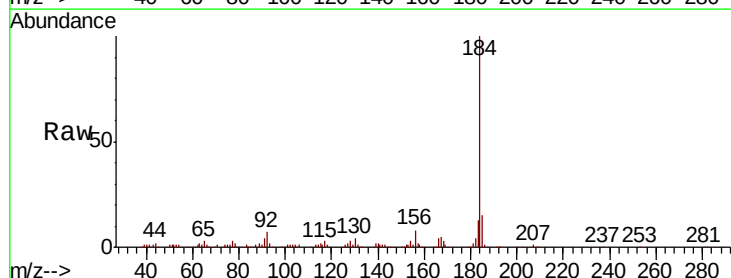
Tgt Ion:184 Resp: 193567

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

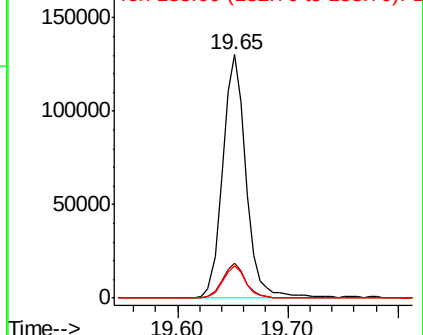
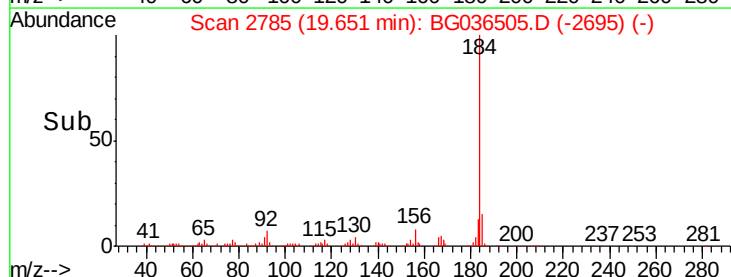
183 13.4 10.9 16.3

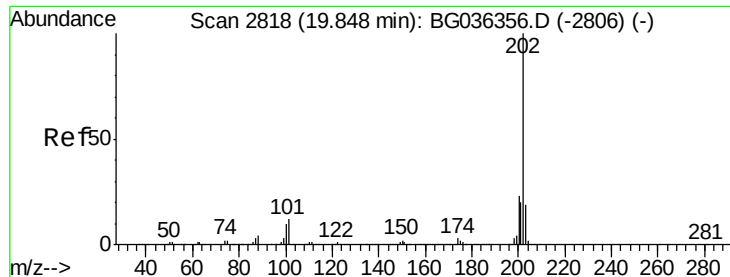


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

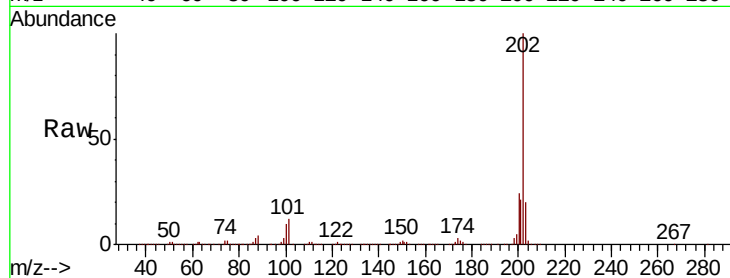




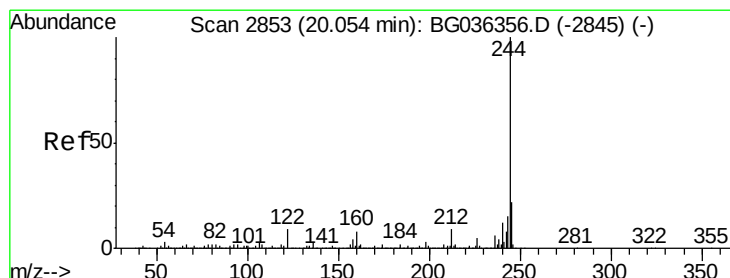
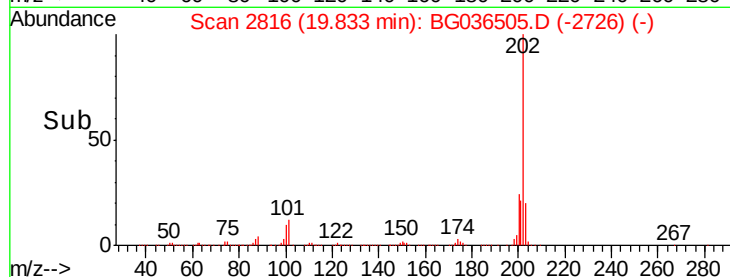
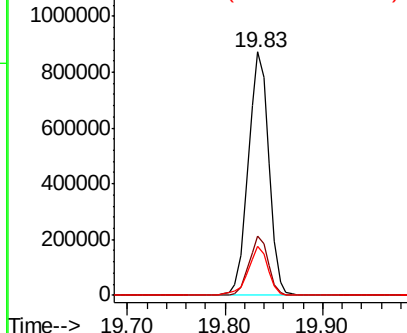
#77
Pvrene
Concen: 45.689 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:202 Resp: 1286348
Ion Ratio Lower Upper
202 100
200 24.3 18.3 27.5
203 19.9 15.1 22.7

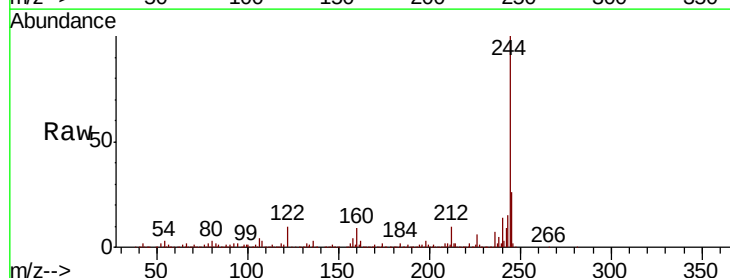


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

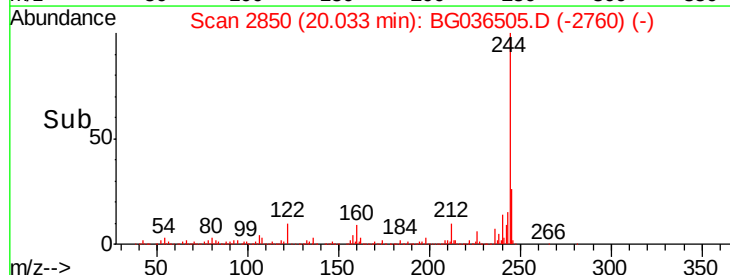
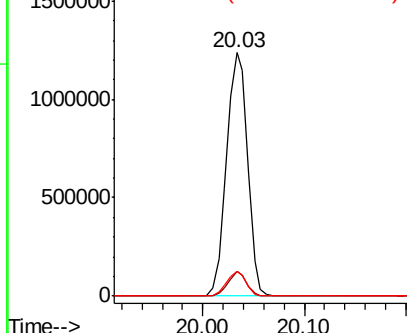


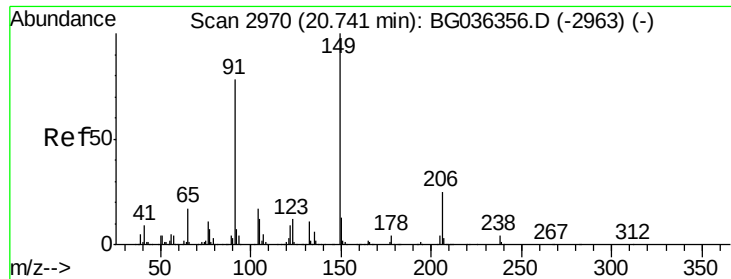
#78
Terphenyl-d14
Concen: 90.593 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:244 Resp: 1774541
Ion Ratio Lower Upper
244 100
212 10.0 7.0 10.6
122 10.2 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

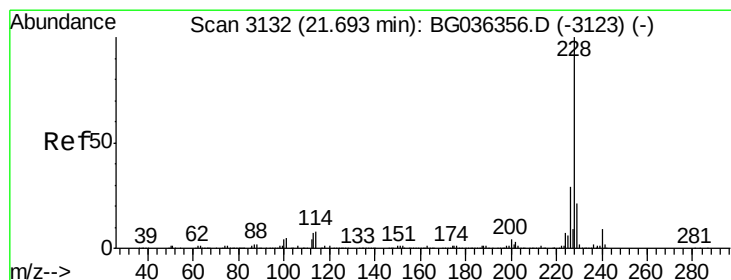
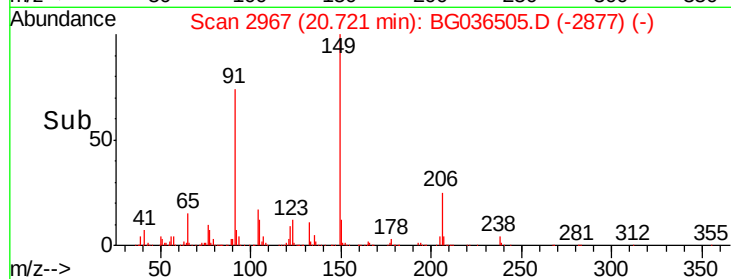
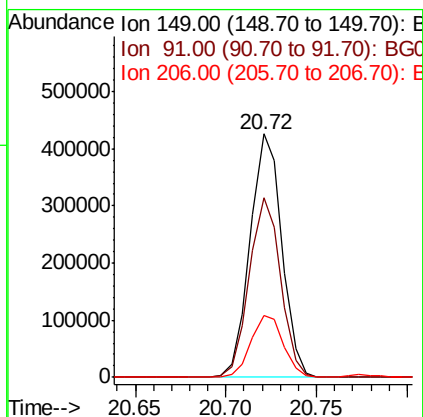
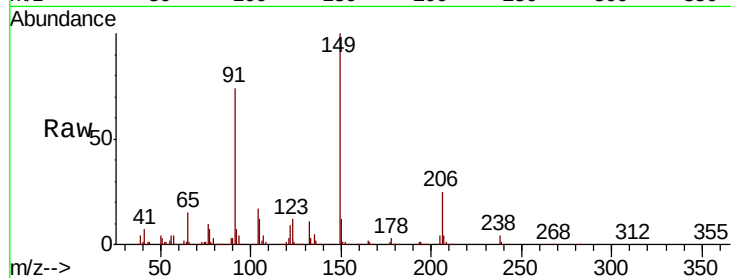




#79
Butylbenzylphthalate
Concen: 46.218 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

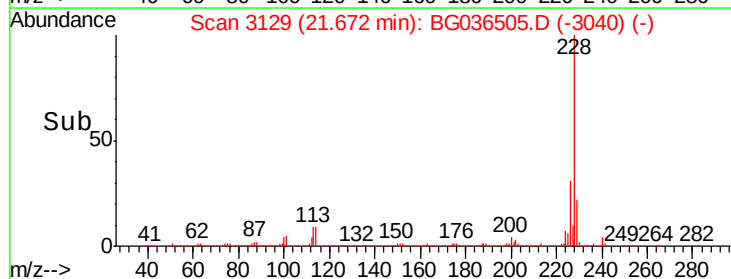
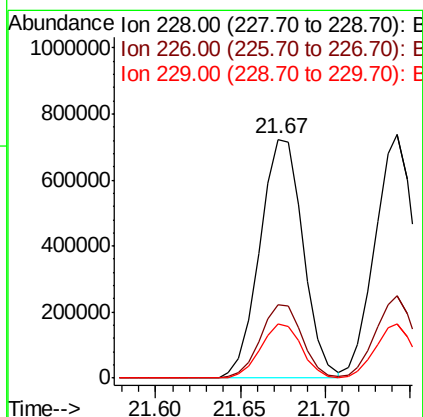
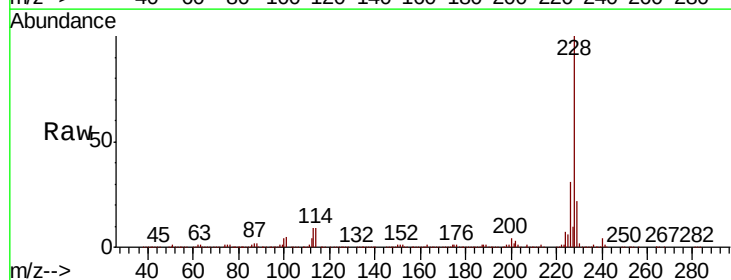
Instrument :
BNA_G
ClientSampled :

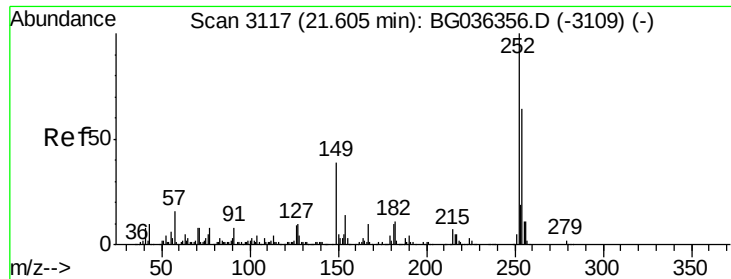
Tot Ion:149 Resp: 517859
Ion Ratio Lower Upper
149 100
91 73.7 62.0 93.0
206 25.5 19.6 29.4



#80
Benzo(a)anthracene
Concen: 46.472 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:228 Resp: 1288989
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 22.5 17.1 25.7

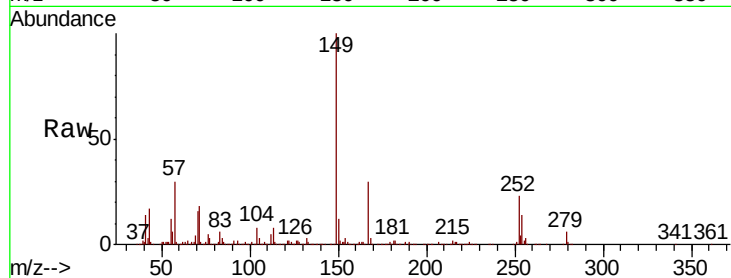




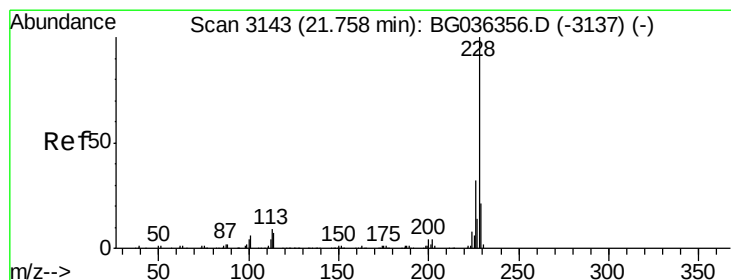
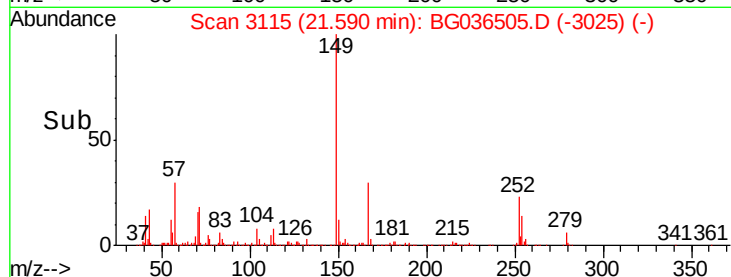
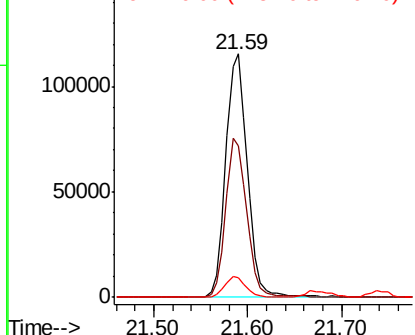
#81
 3,3'-Dichlorobenzidine
 Concen: 16.698 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 184586
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.0 76.4
 126 8.1 7.4 11.0

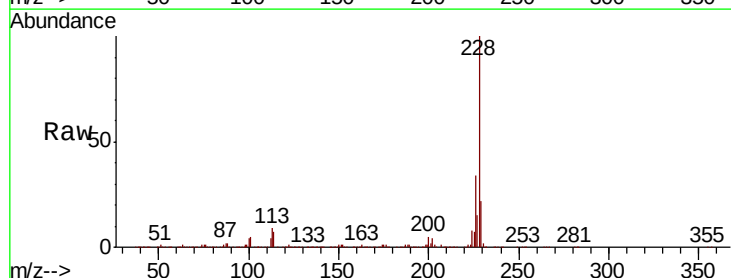


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

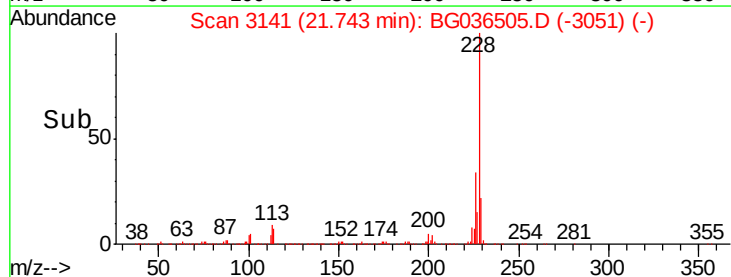
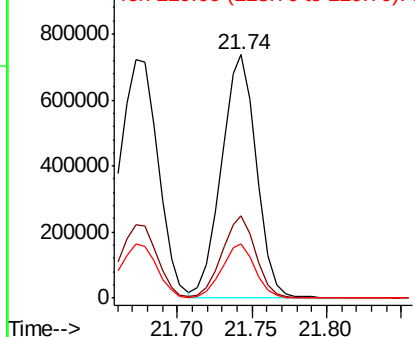


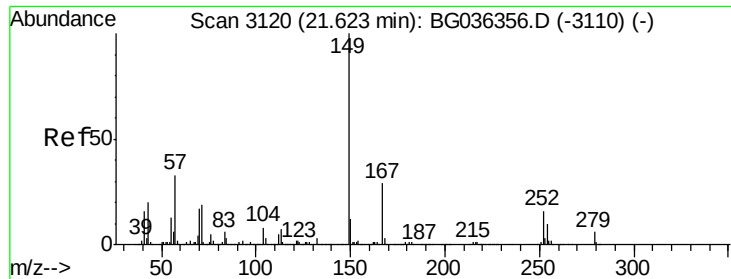
#82
 Chrysene
 Concen: 45.696 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion:228 Resp: 1201383
 Ion Ratio Lower Upper
 228 100
 226 33.7 25.5 38.3
 229 22.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

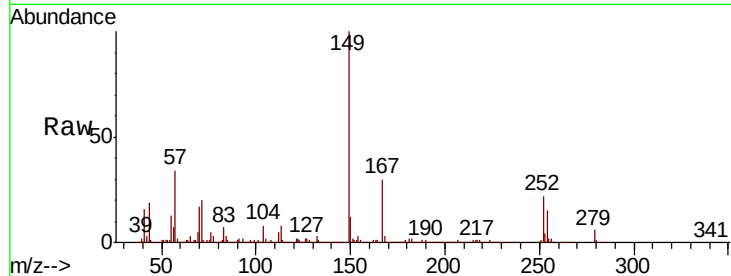




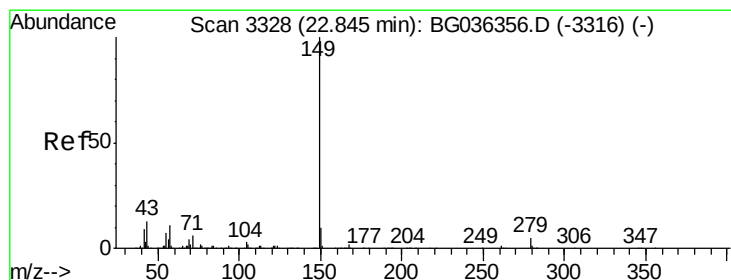
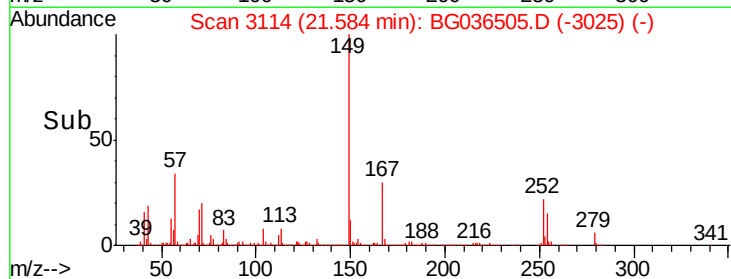
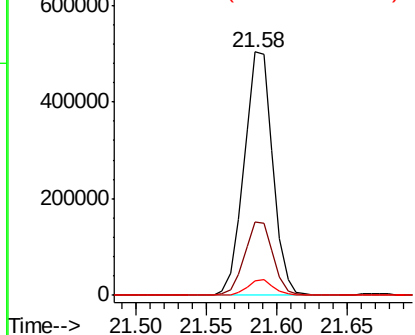
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.338 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 710876
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.4 35.0
 279 5.8 4.6 7.0

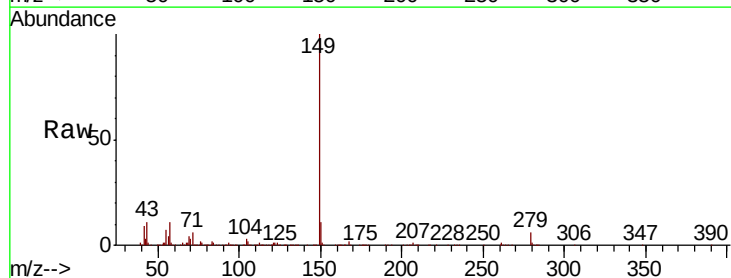


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

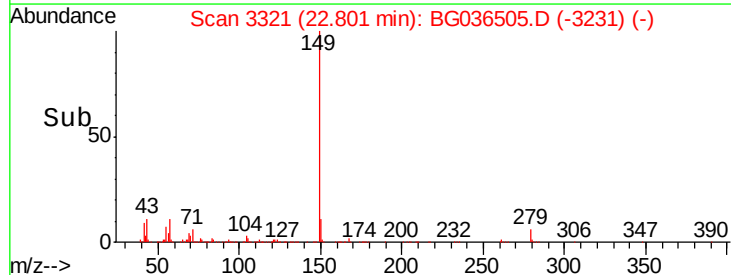
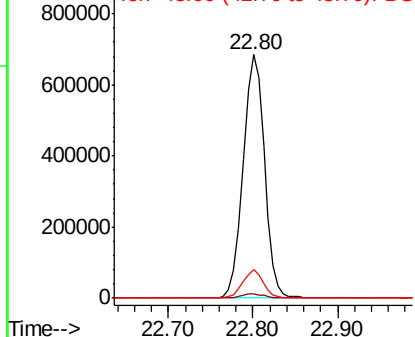


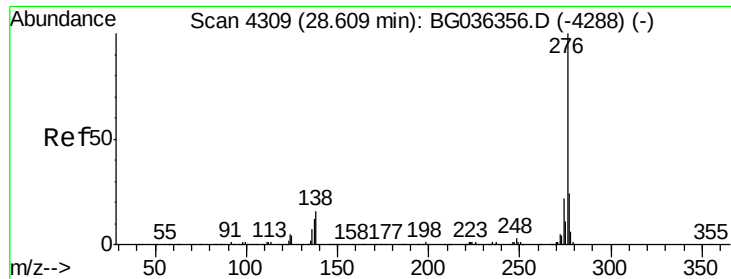
#84
 Di-n-octyl phthalate
 Concen: 45.839 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion:149 Resp: 1200485
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.0 10.0 15.0



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

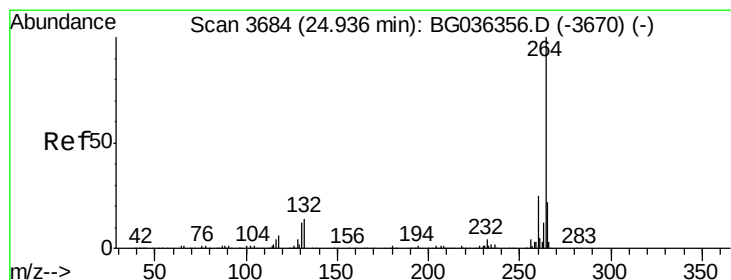
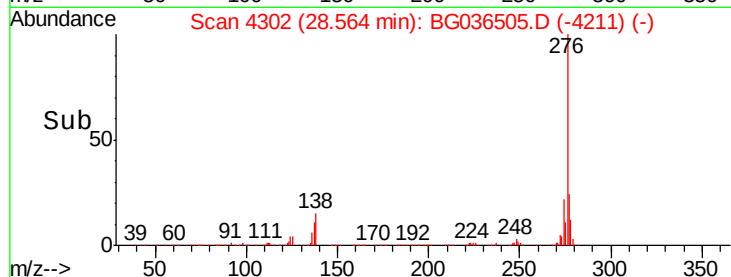
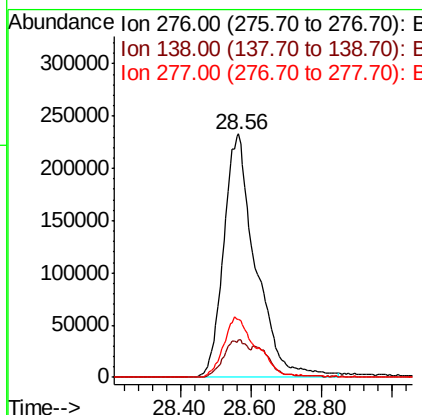
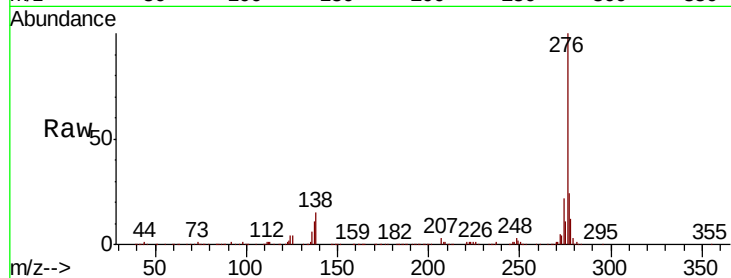




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.029 ng
 RT: 28.56 min Scan# 4302
 Delta R.T. 0.01 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

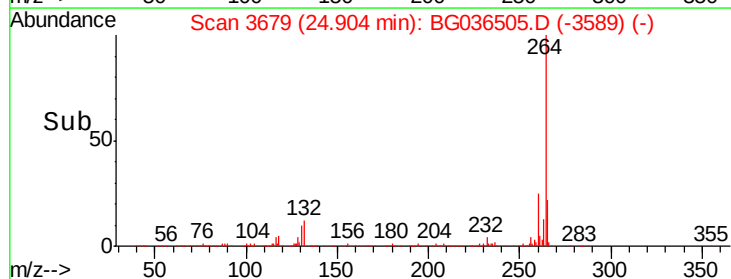
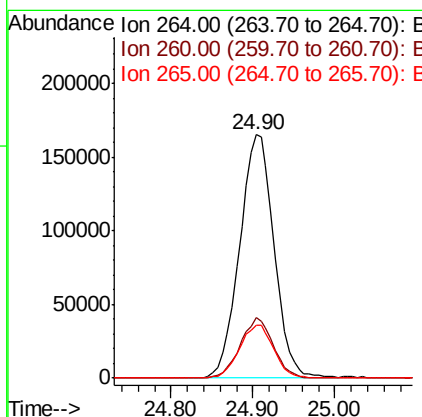
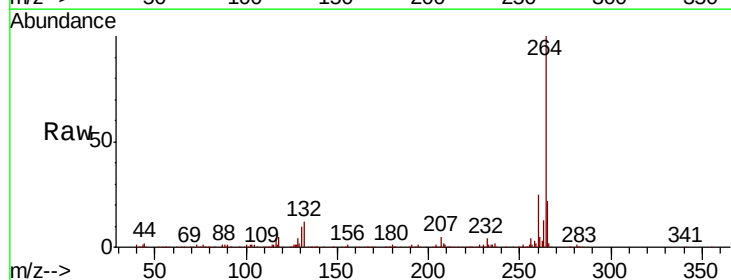
Instrument :
 BNA_G
 ClientSampleId :

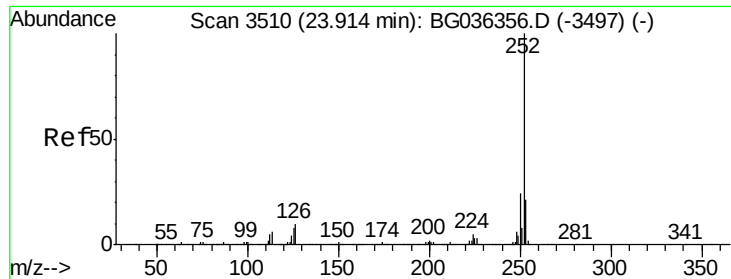
Tot Ion:276 Resp: 1466620
 Ion Ratio Lower Upper
 276 100
 138 11.9 10.6 15.8
 277 25.4 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036505.D
 Acq: 31 Aug 2018 14:33

Tgt Ion:264 Resp: 482737
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.7 17.4 26.0

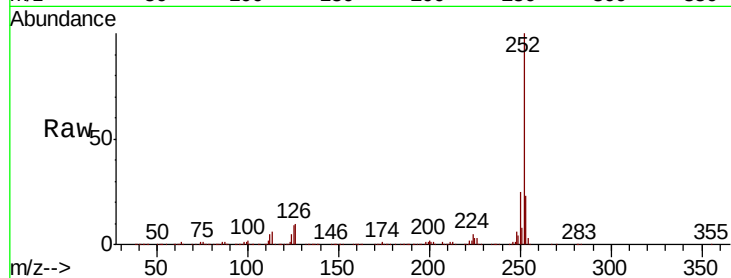




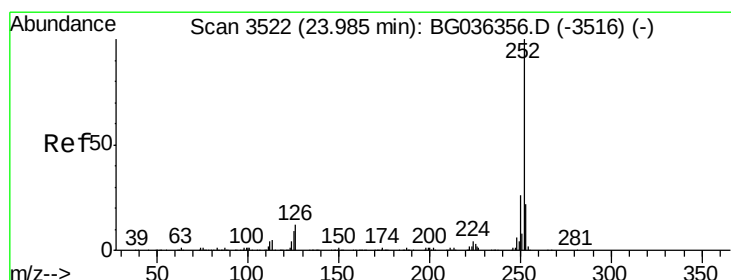
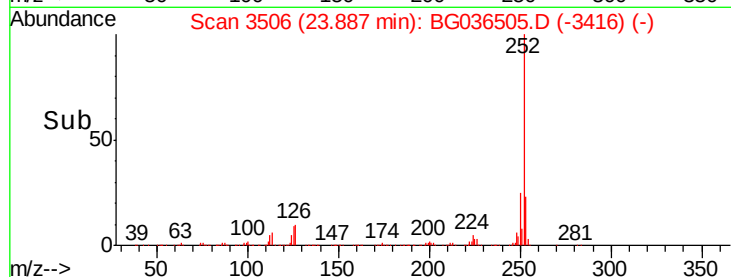
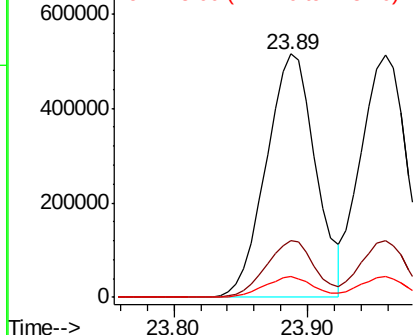
#87
Benzo(b)fluoranthene
Concen: 49.451 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1325608
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 8.7 6.6 10.0

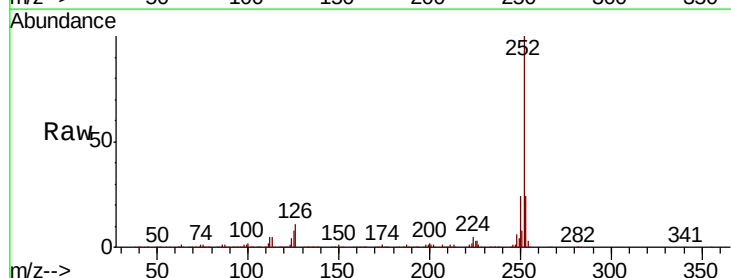


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

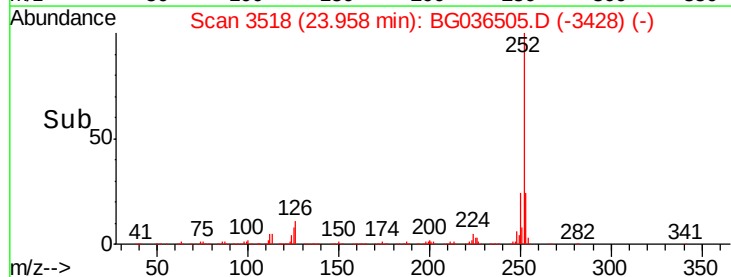
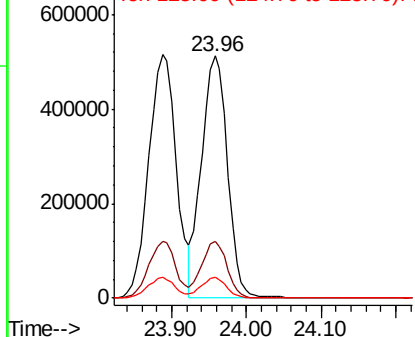


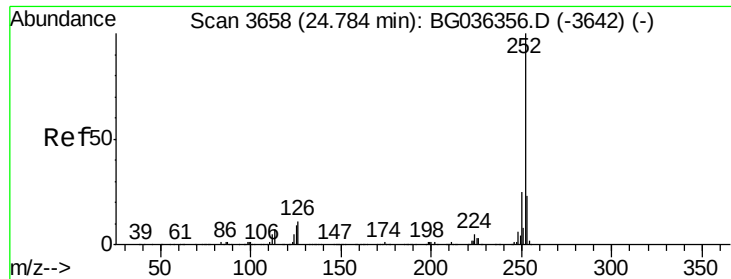
#88
Benzo(k)fluoranthene
Concen: 47.186 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036505.D
Acq: 31 Aug 2018 14:33

Tgt Ion:252 Resp: 1235731
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 8.4 7.0 10.6



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





#89

Benzo(a)pyrene

Concen: 49.344 ng

RT: 24.76 min Scan# 3654

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

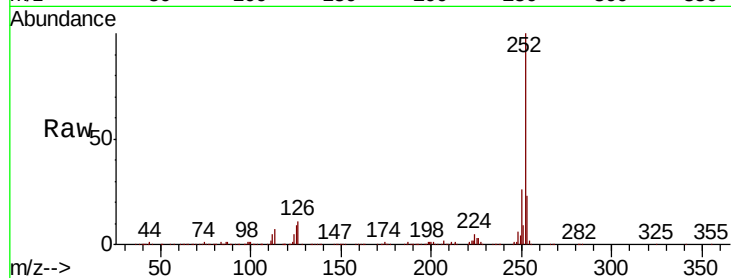
Tot Ion:252 Resp: 1271060

Ion Ratio Lower Upper

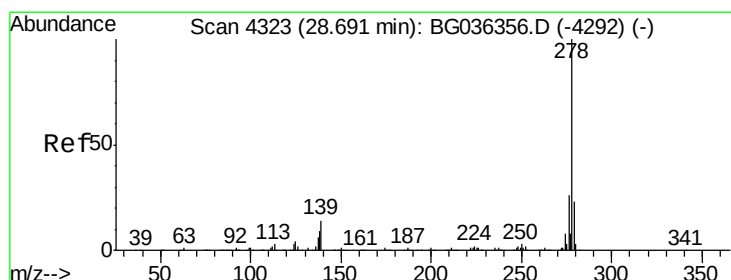
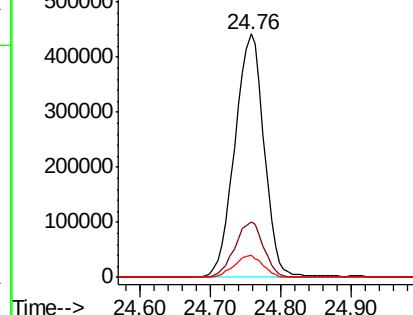
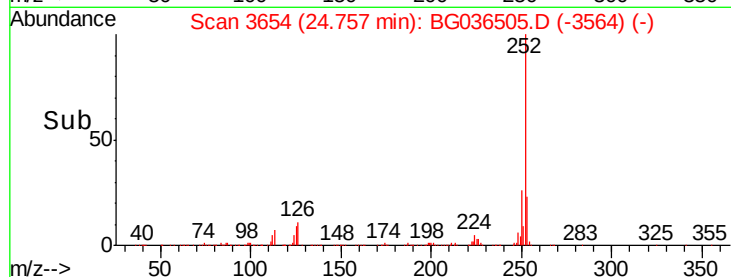
252 100

253 22.9 18.2 27.2

125 9.1 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: 48.010 ng

RT: 28.63 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

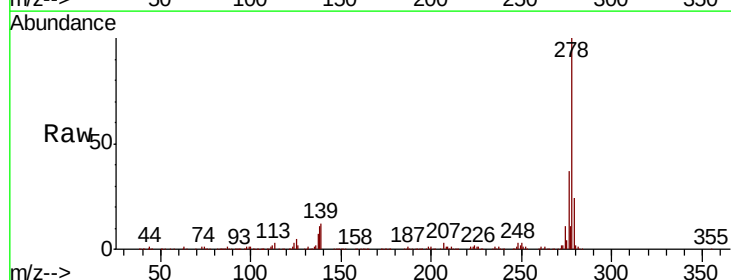
Tgt Ion:278 Resp: 1193906

Ion Ratio Lower Upper

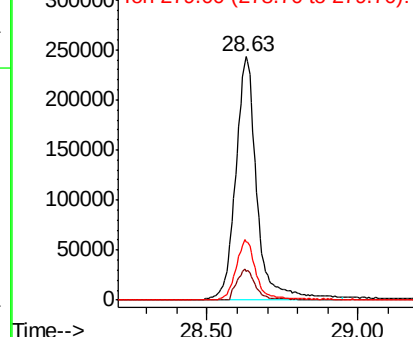
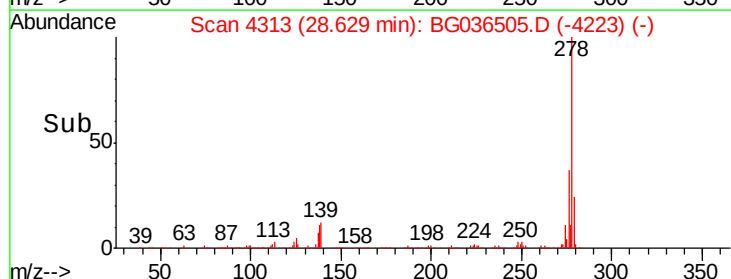
278 100

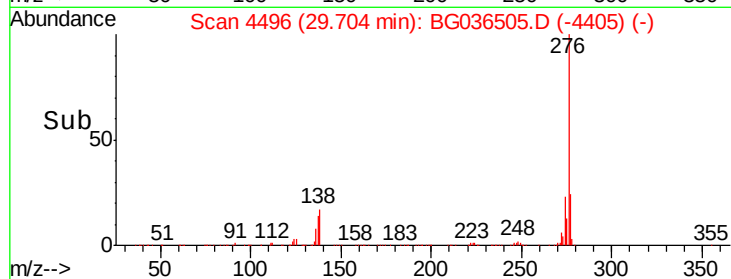
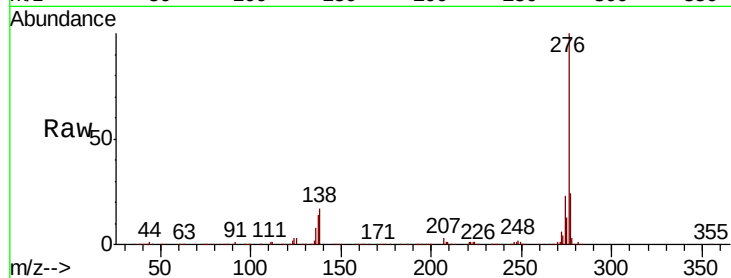
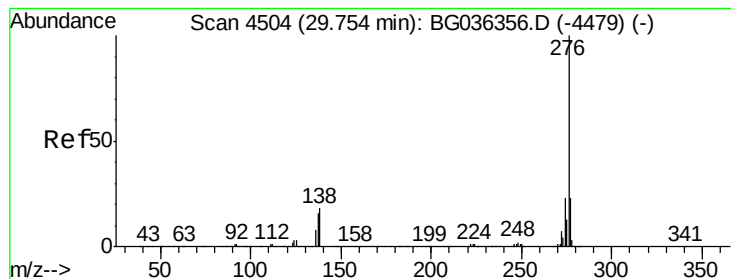
139 11.8 11.0 16.4

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: 46.673 ng

RT: 29.70 min Scan# 4496

Delta R.T. 0.01 min

Lab File: BG036505.D

Acq: 31 Aug 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1166354

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 16.9 14.6 22.0

