

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036992.D
 Acq On : 26 Sep 2018 21:46
 Operator : JU/SJ
 Sample : J5081-15MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 08:07:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41007	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	170698	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	111339	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	293841	20.00	ng	0.00
75) Chrysene-d12	21.68	240	302235	20.00	ng	0.00
86) Perylene-d12	24.89	264	307352	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	205351	96.04	ng	0.00
7) Phenol-d6	7.20	99	291518	88.12	ng	-0.01
23) Nitrobenzene-d5	9.20	82	189091	59.32	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	118193	88.73	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	379274	50.74	ng	-0.01
78) Terphenyl-d14	20.02	244	644865	56.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26551	27.136	ng	96
3) Pyridine	3.92	79	68503	24.248	ng	97
4) n-Nitrosodimethylamine	3.84	42	41210	32.820	ng	# 91
6) Aniline	7.37	93	92839	21.627	ng	97
8) 2-Chlorophenol	7.61	128	74577	30.038	ng	86
9) Benzaldehyde	7.18	77	47780	21.857	ng	94
10) Phenol	7.23	94	105322	30.848	ng	94
11) bis(2-Chloroethyl)ether	7.46	93	79778	25.260	ng	94
12) 1,3-Dichlorobenzene	7.93	146	79507	26.121	ng	99
13) 1,4-Dichlorobenzene	8.08	146	84079	26.992	ng	99
14) 1,2-Dichlorobenzene	8.40	146	78518	26.011	ng	94
15) Benzyl Alcohol	8.28	79	66519	24.780	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	158227	26.096	ng	98
17) 2-Methylphenol	8.48	107	64723	27.214	ng	96
18) Hexachloroethane	9.12	117	31710	27.663	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	64102	23.292	ng	100
20) 3+4-Methylphenols	8.81	107	91482	27.650	ng	98
22) Acetophenone	8.86	105	115126	28.700	ng	96
24) Nitrobenzene	9.25	77	94964	27.898	ng	99
25) Isophorone	9.76	82	180818	31.045	ng	99
26) 2-Nitrophenol	9.96	139	40056	29.522	ng	99
27) 2,4-Dimethylphenol	10.02	122	67528	31.950	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	101011	28.106	ng	99
29) 2,4-Dichlorophenol	10.50	162	77088	31.463	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	82992	27.067	ng	100
31) Naphthalene	10.90	128	244375	30.088	ng	99
32) Benzoic acid	10.12	122	13216	12.991	ng	# 88
33) 4-Chloroaniline	11.01	127	76601	20.743	ng	97
34) Hexachlorobutadiene	11.18	225	57094	26.926	ng	93
35) Caprolactam	11.77	113	29788	29.539	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	91319	31.237	ng	98
37) 2-Methylnaphthalene	12.50	142	184206	29.779	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	106164	27.339	ng	99
40) Hexachlorocyclopentadiene	12.84	237	104801	52.474	ng	95

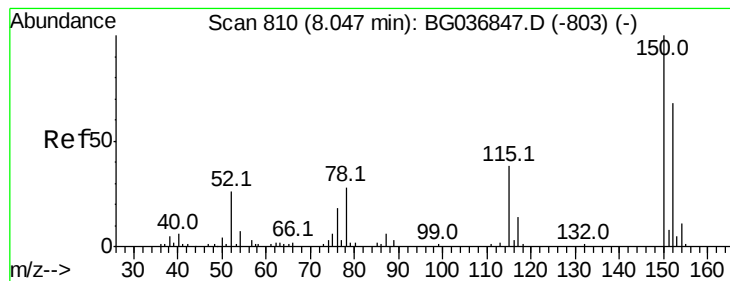
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	65319	30.291	nq	93
43) 2,4,5-Trichlorophenol	13.18	196	76095	33.093	nq	97
45) 1,1'-Biphenyl	13.50	154	241307	28.299	nq	96
46) 2-Chloronaphthalene	13.55	162	182447	27.208	nq	99
47) 2-Nitroaniline	13.75	65	72313	31.177	nq	95
48) Acenaphthylene	14.39	152	315834	30.057	nq	97
49) Dimethylphthalate	14.12	163	401479	44.798	nq	98
50) 2,6-Dinitrotoluene	14.24	165	56276	28.780	nq	97
51) Acenaphthene	14.73	154	181660	28.604	nq	98
52) 3-Nitroaniline	14.57	138	49172	23.865	nq	98
53) 2,4-Dinitrophenol	14.79	184	18951	26.353	nq #	84
54) Dibenzofuran	15.07	168	305801	28.467	nq	99
55) 4-Nitrophenol	14.88	139	80191	60.921	nq	94
56) 2,4-Dinitrotoluene	15.03	165	81233	29.772	nq	94
57) Fluorene	15.71	166	245534	30.581	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	77227	33.108	nq #	98
59) Diethylphthalate	15.48	149	262247	29.012	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	136486	26.842	nq	99
61) 4-Nitroaniline	15.74	138	62723	28.940	nq	98
62) Azobenzene	16.00	77	261630	30.123	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	30525	19.870	nq	98
65) n-Nitrosodiphenylamine	15.92	169	225560	27.805	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	90233	26.997	nq	97
67) Hexachlorobenzene	16.72	284	90362	26.250	nq	97
68) Atrazine	16.87	200	95555	29.091	nq	99
69) Pentachlorophenol	17.07	266	90433	41.726	nq	96
70) Phenanthrene	17.45	178	423096	29.880	nq	99
71) Anthracene	17.55	178	438815	31.340	nq	98
72) Carbazole	17.82	167	383395	28.084	nq	98
73) Di-n-butylphthalate	18.37	149	445662	29.396	nq	98
74) Fluoranthene	19.46	202	531877	31.205	nq	97
76) Benzidine	19.65	184	266928	29.216	nq	98
77) Pyrene	19.82	202	524359	28.912	nq	99
79) Butylbenzylphthalate	20.70	149	210701	29.146	nq	98
80) Benzo(a)anthracene	21.66	228	524283	29.716	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	148794	22.157	nq	99
82) Chrysene	21.73	228	490817	28.793	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	289794	28.696	nq	99
84) Di-n-octyl phthalate	22.77	149	487509	29.319	nq	99
85) Indeno(1,2,3-cd)pyrene	28.52	276	563334	30.774	nq #	94
87) Benzo(b)fluoranthene	23.87	252	493514	30.130	nq	97
88) Benzo(k)fluoranthene	23.93	252	497253	30.259	nq	99
89) Benzo(a)pyrene	24.73	252	485601	30.666	nq	99
90) Dibenzo(a,h)anthracene	28.59	278	458437	30.890	nq	99
91) Benzo(g,h,i)perylene	29.67	276	467602	31.394	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

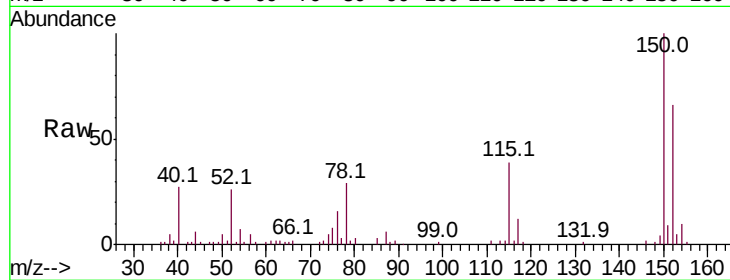
Tot Ion:152 Resp: 41007

Ion Ratio Lower Upper

152 100

150 151.7 119.5 179.3

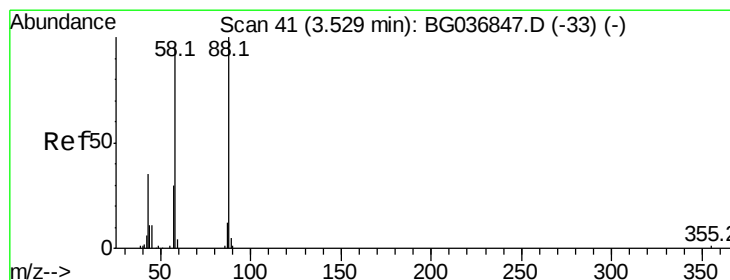
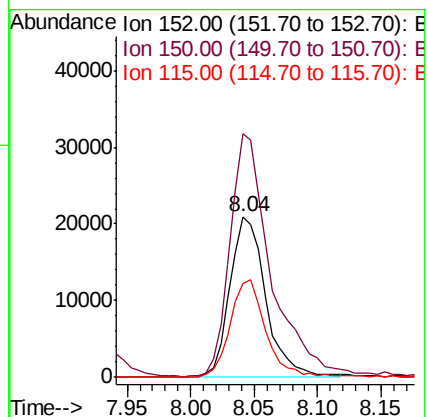
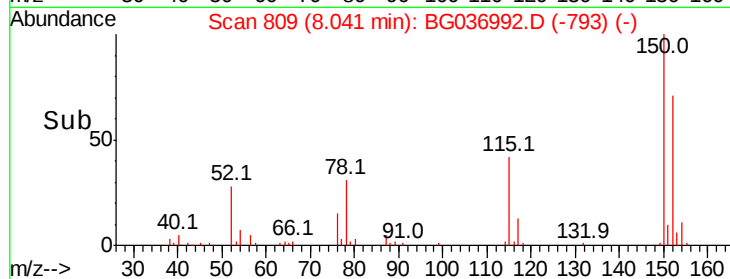
115 58.8 44.5 66.7



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: 27.136 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

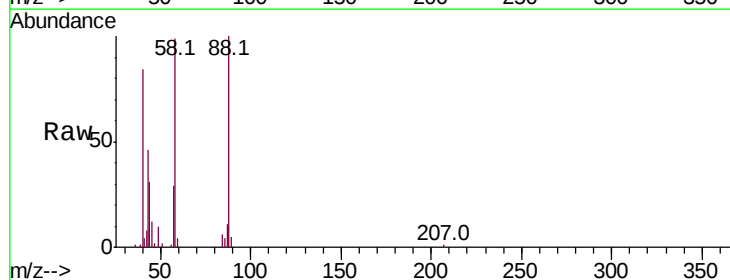
Tgt Ion: 88 Resp: 26551

Ion Ratio Lower Upper

88 100

58 94.5 72.6 109.0

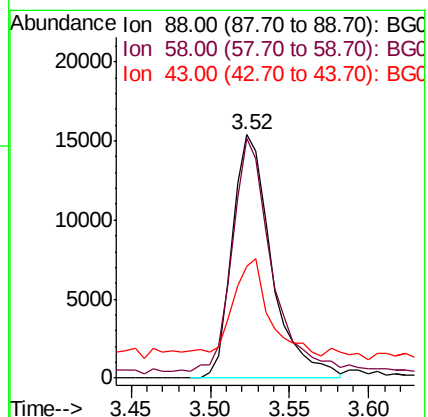
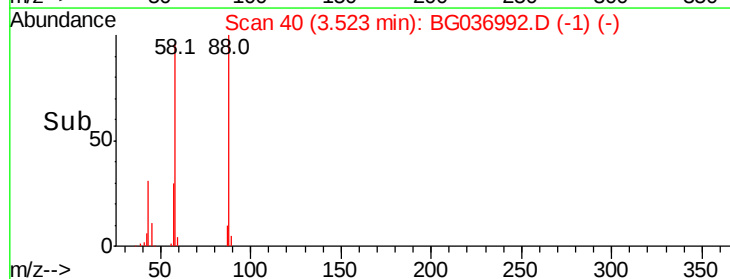
43 37.9 29.0 43.4

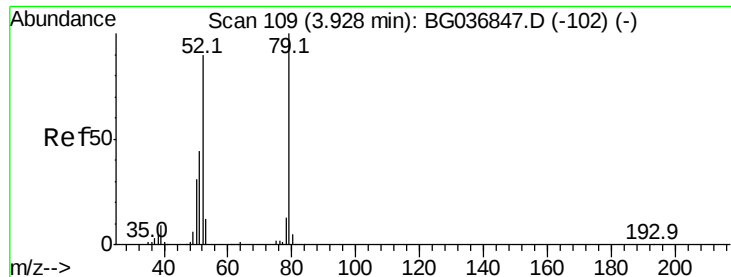


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.248 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

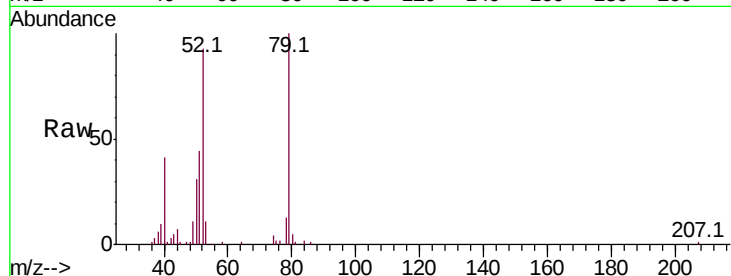
Tot Ion: 79 Resp: 68503

Ion Ratio Lower Upper

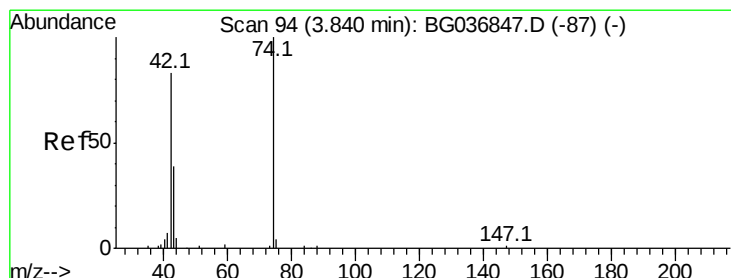
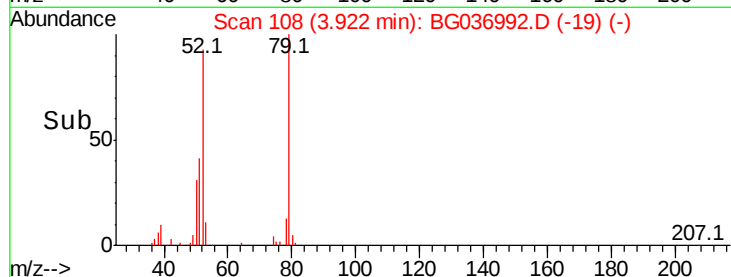
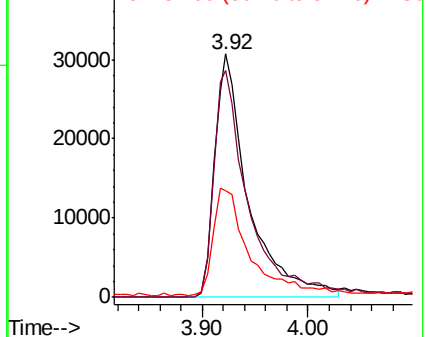
79 100

52 93.1 72.3 108.5

51 43.9 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: 32.820 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

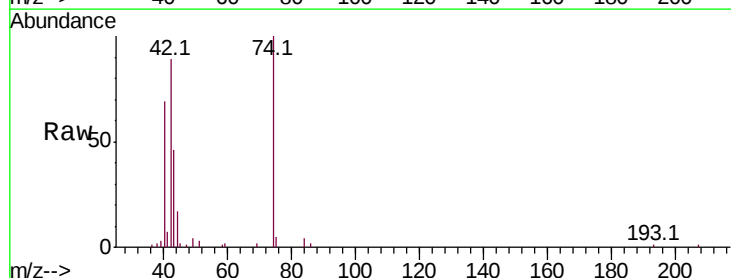
Tgt Ion: 42 Resp: 41210

Ion Ratio Lower Upper

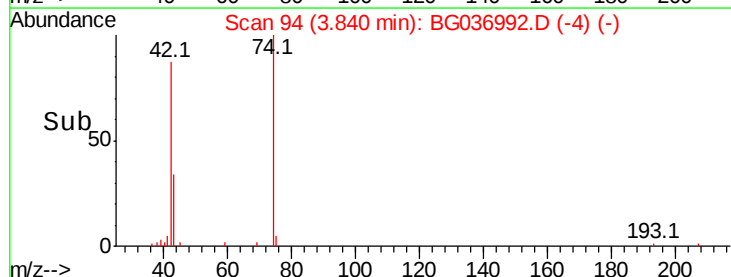
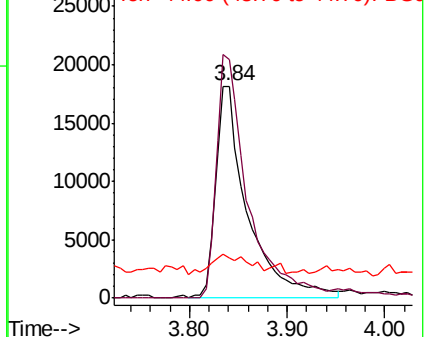
42 100

74 112.1 96.6 145.0

44 18.7 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: 96.037 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampled :

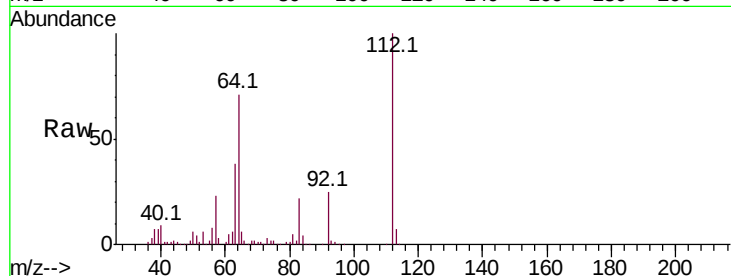
Tot Ion:112 Resp: 205351

Ion Ratio Lower Upper

112 100

64 71.3 57.2 85.8

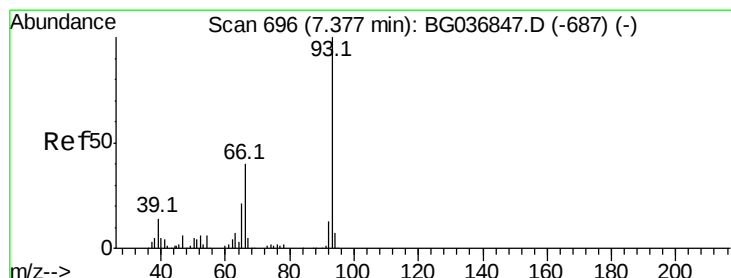
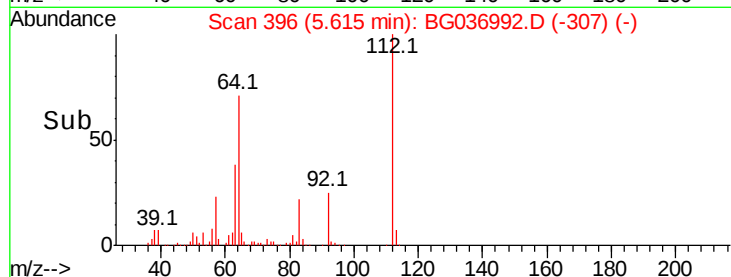
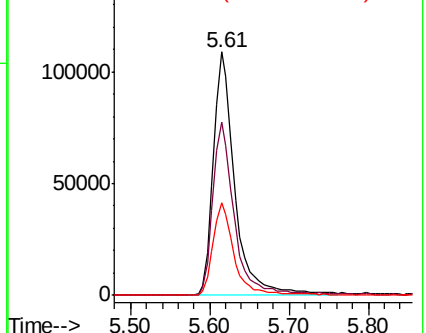
63 37.8 30.8 46.2



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: 21.627 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

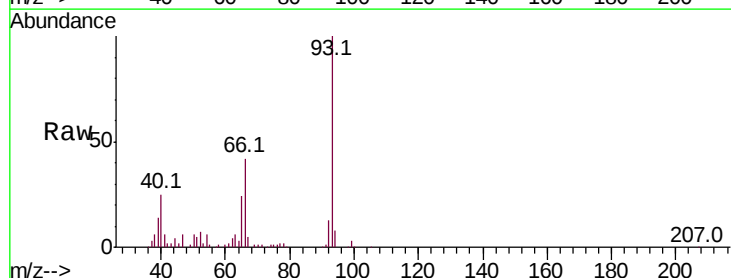
Tgt Ion: 93 Resp: 92839

Ion Ratio Lower Upper

93 100

66 42.1 35.0 52.4

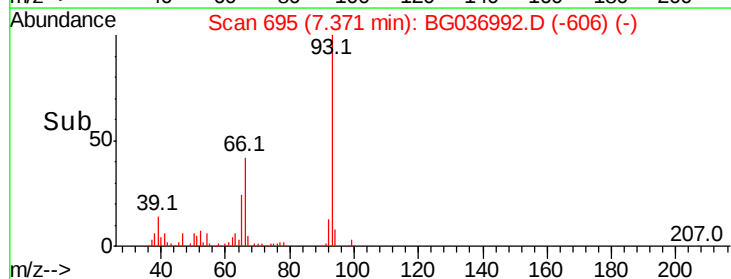
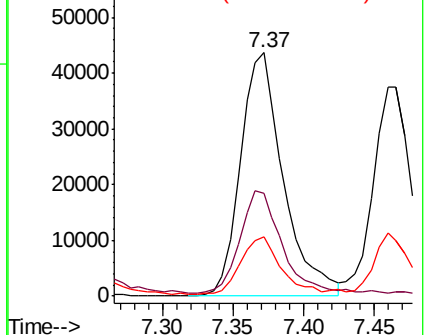
65 24.3 17.6 26.4

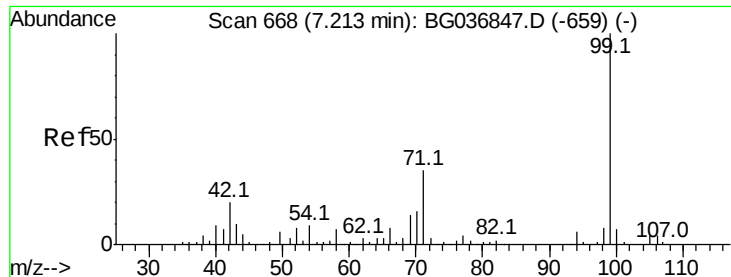


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.119 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

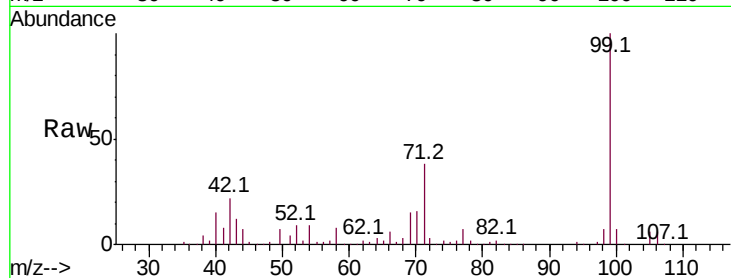
Tot Ion: 99 Resp: 291518

Ion Ratio Lower Upper

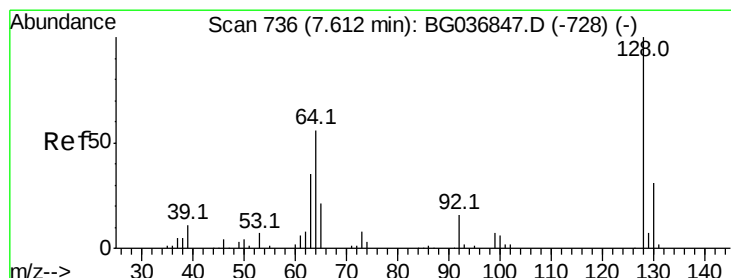
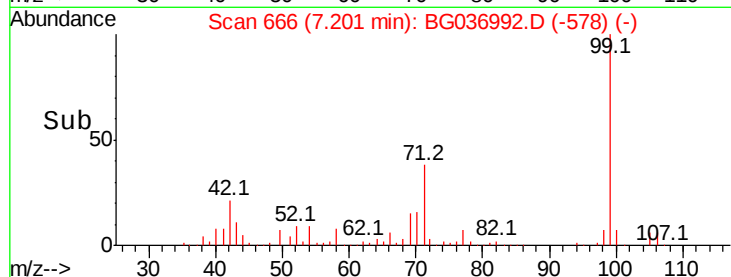
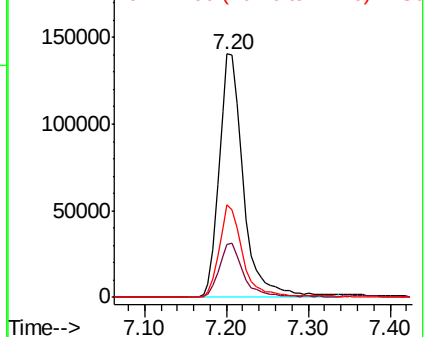
99 100

42 21.6 16.5 24.7

71 38.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 30.038 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

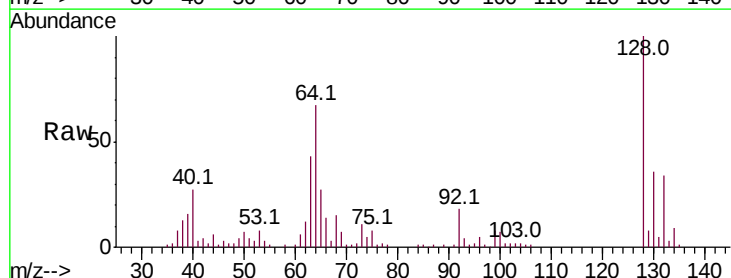
Tgt Ion: 128 Resp: 74577

Ion Ratio Lower Upper

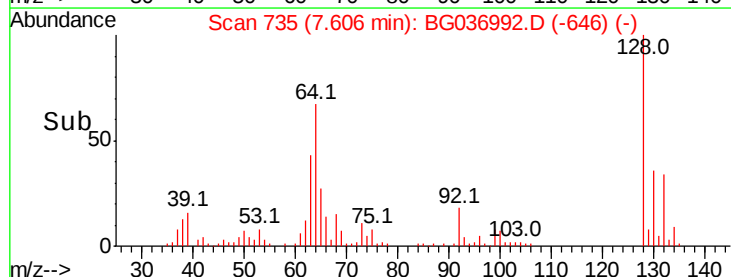
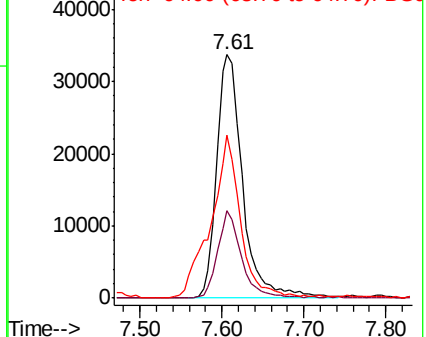
128 100

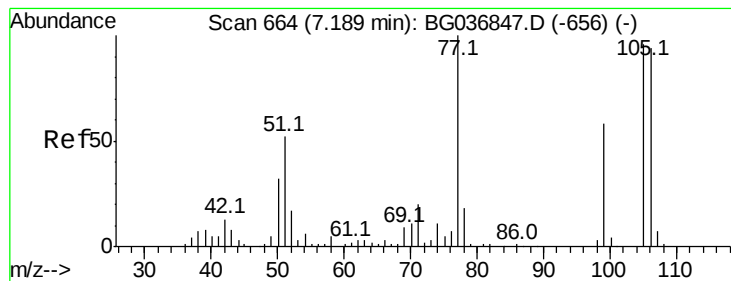
130 36.2 10.0 50.0

64 66.9 36.0 76.0



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





#9

Benzaldehyde

Concen: 21.857 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampled :

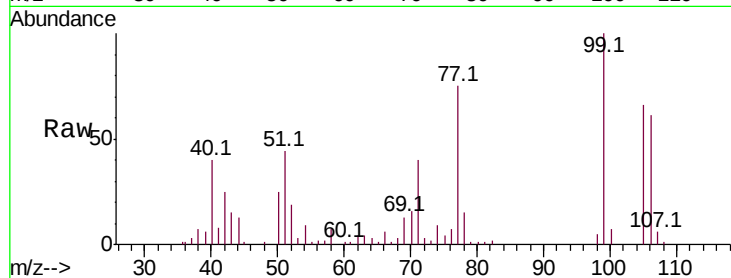
Tot Ion: 77 Resp: 47780

Ion Ratio Lower Upper

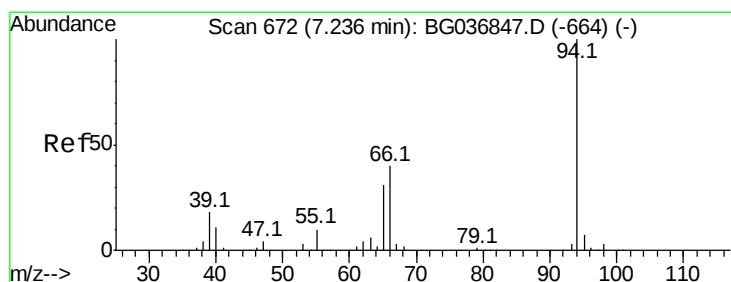
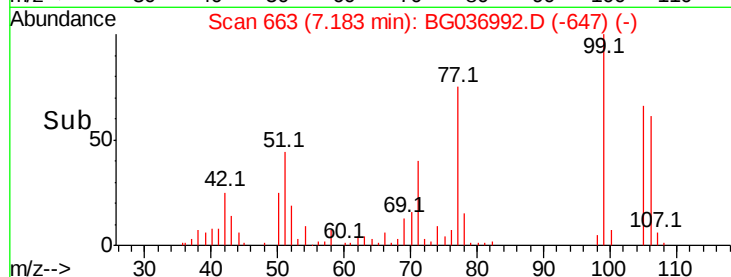
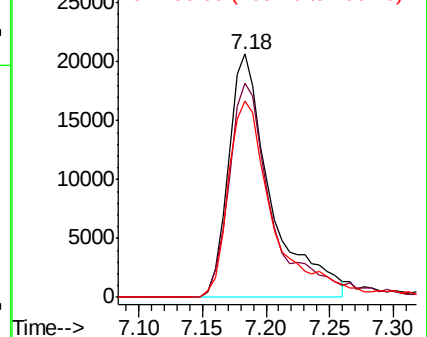
77 100

105 88.0 70.5 110.5

106 80.8 69.8 109.8



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



#10

Phenol

Concen: 30.848 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

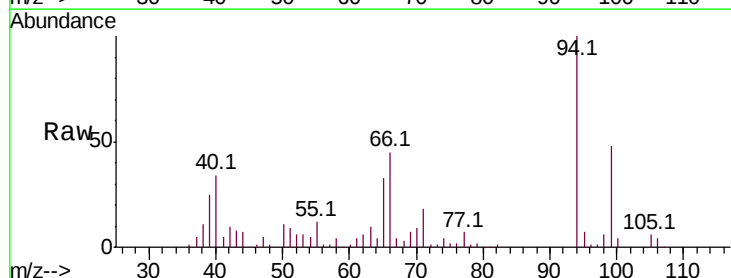
Tgt Ion: 94 Resp: 105322

Ion Ratio Lower Upper

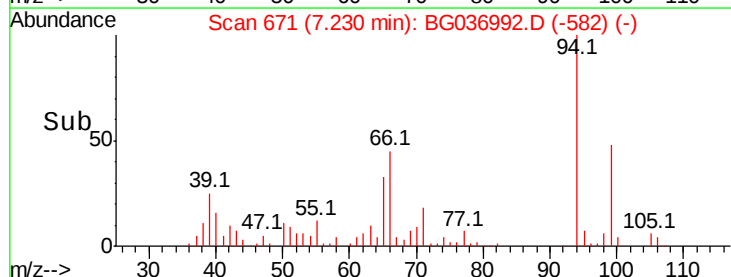
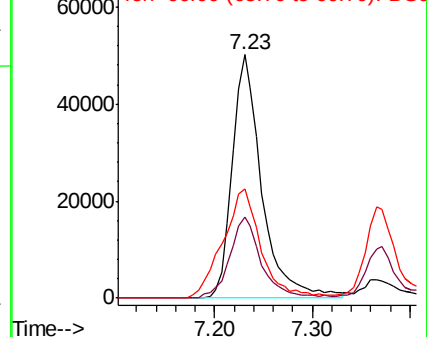
94 100

65 33.2 11.5 51.5

66 44.8 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

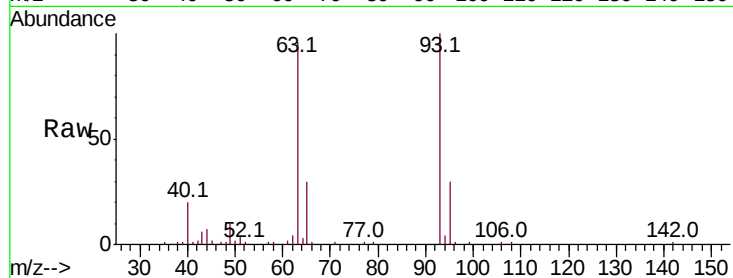




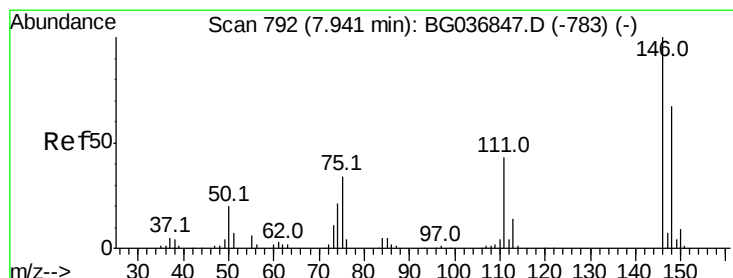
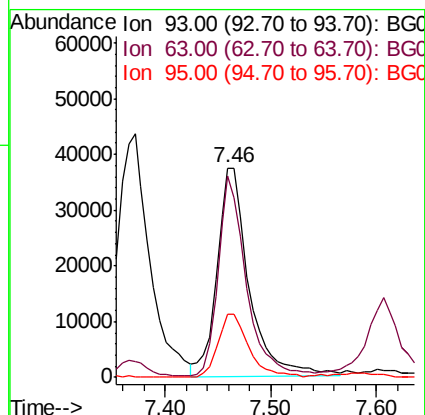
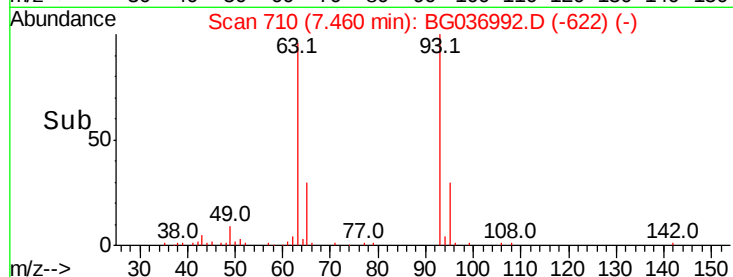
#11
 bis(2-Chloroethyl)ether
 Concen: 25.260 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 79778
 Ion Ratio Lower Upper
 93 100
 63 96.1 69.9 109.9
 95 30.0 11.7 51.7

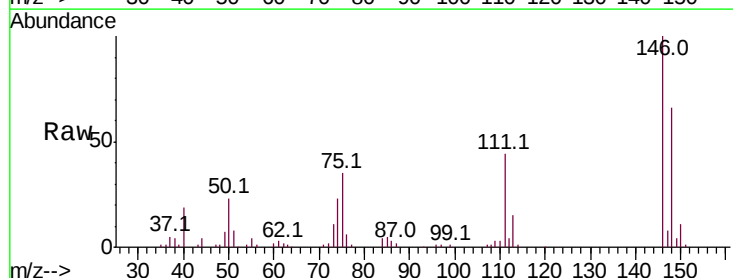


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

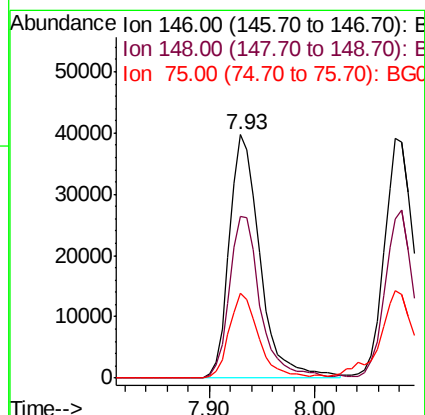
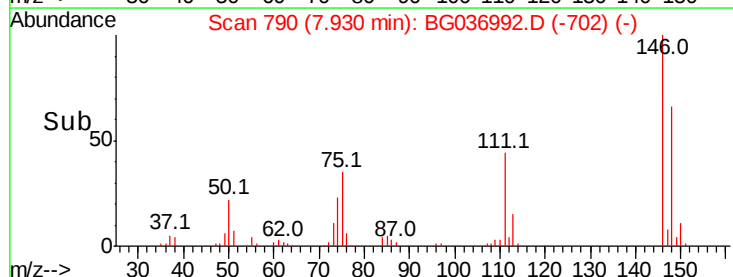


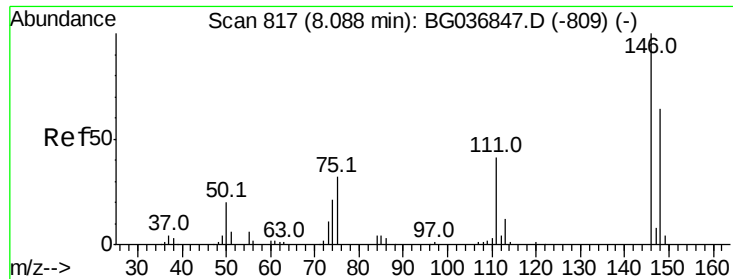
#12
 1,3-Dichlorobenzene
 Concen: 26.121 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion: 146 Resp: 79507
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.8 80.6
 75 34.8 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

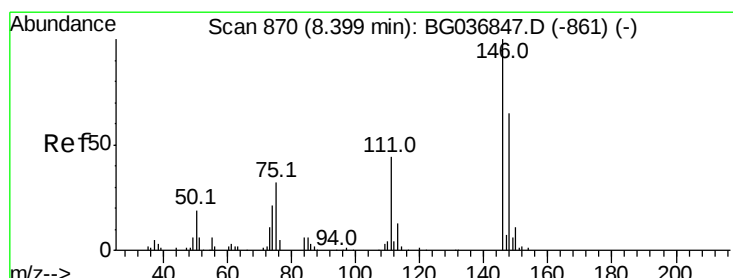
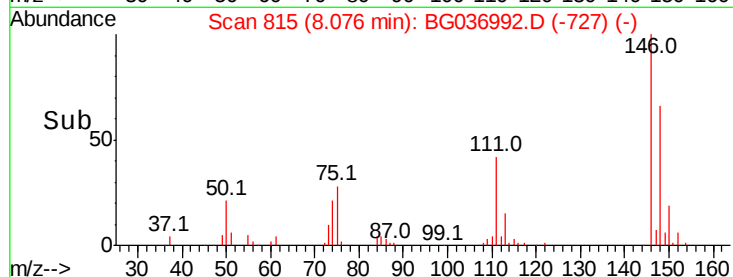
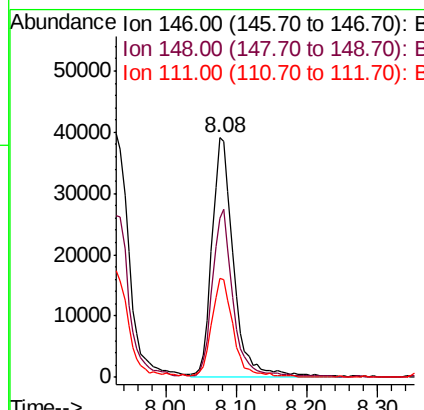
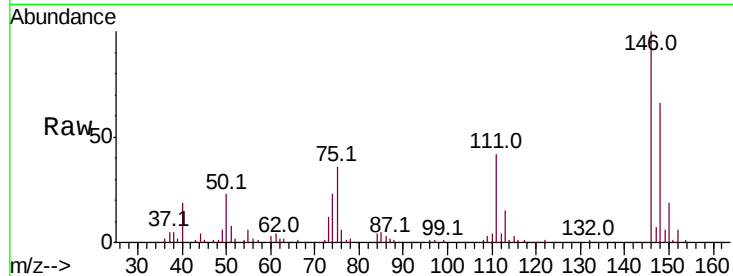




#13
 1,4-Dichlorobenzene
 Concen: 26.992 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

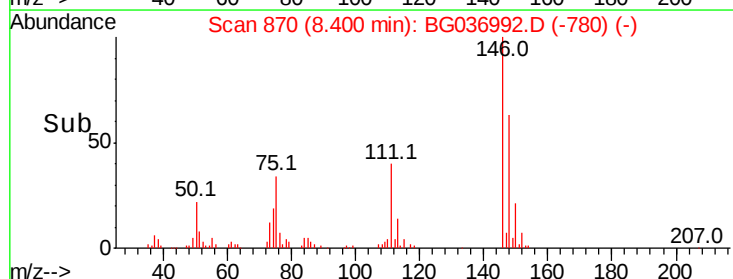
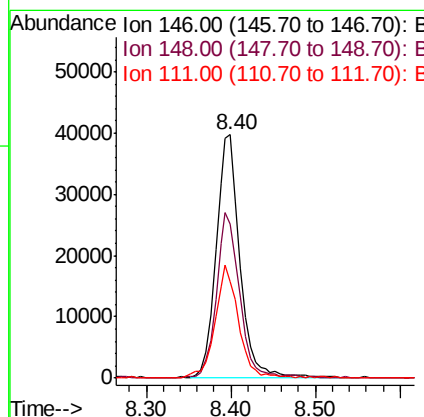
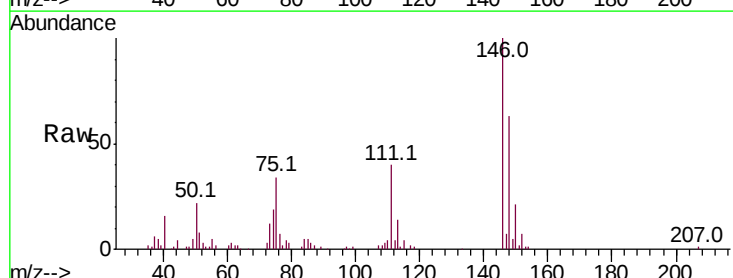
Instrument :
 BNA_G
 ClientSampled :

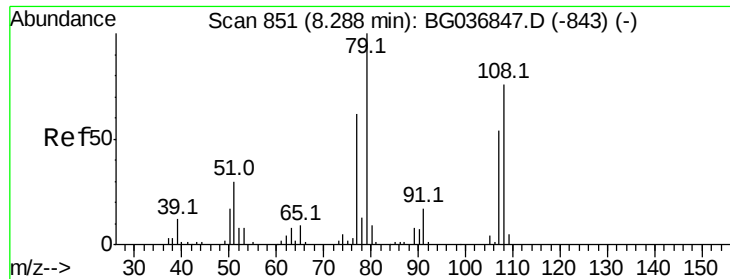
Tot Ion:146 Resp: 84079
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.9 80.9
 111 41.5 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 26.011 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion:146 Resp: 78518
 Ion Ratio Lower Upper
 146 100
 148 63.2 55.0 82.6
 111 39.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 24.780 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

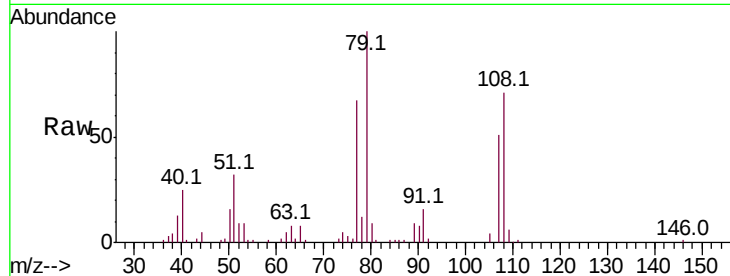
Tot Ion: 79 Resp: 66519

Ion Ratio Lower Upper

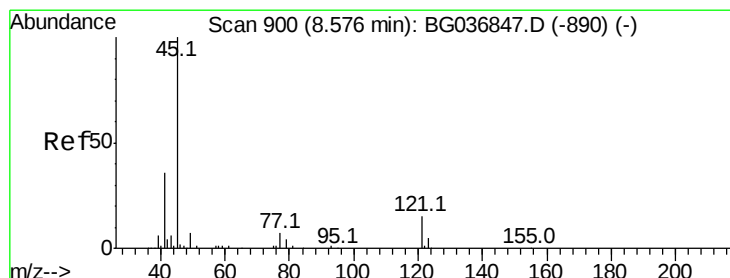
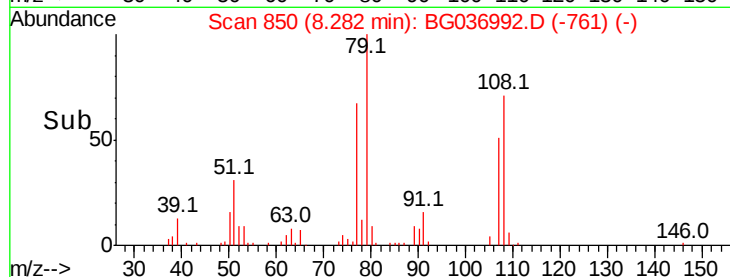
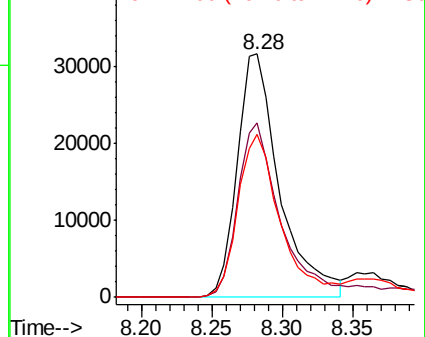
79 100

108 71.4 55.9 83.9

77 67.2 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.096 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

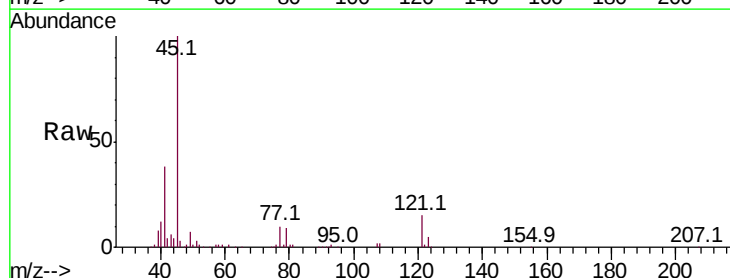
Tgt Ion: 45 Resp: 158227

Ion Ratio Lower Upper

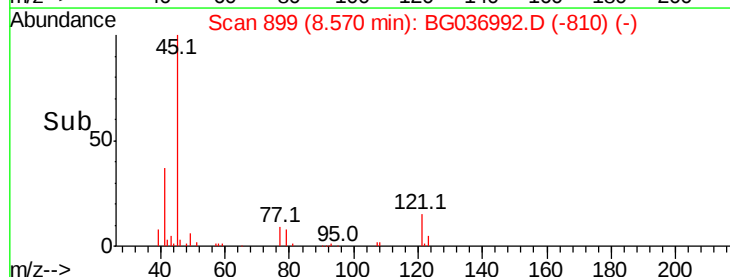
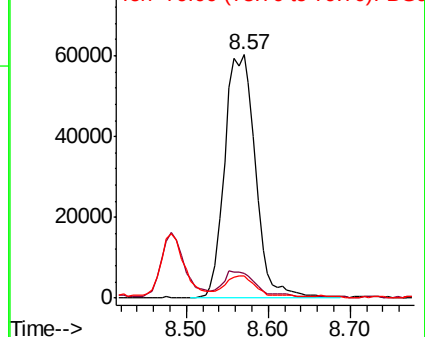
45 100

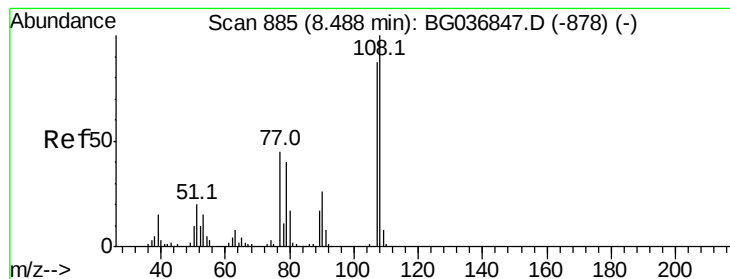
77 10.4 0.0 30.5

79 9.2 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 27.214 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 64723

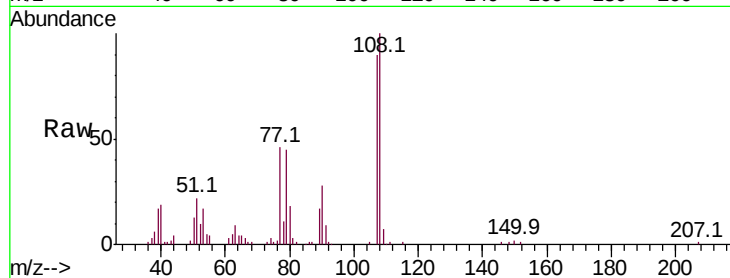
Ion Ratio Lower Upper

107 100

108 110.9 86.7 130.1

77 51.4 39.0 58.4

79 50.2 36.6 54.8

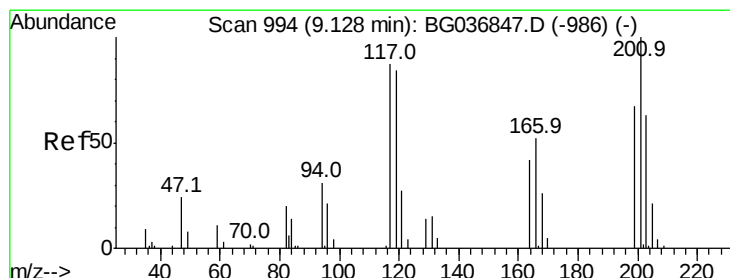
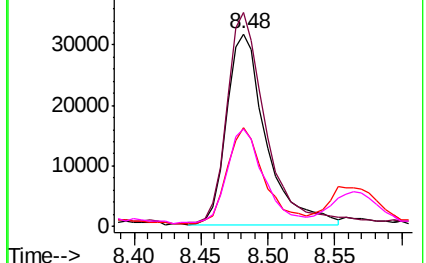
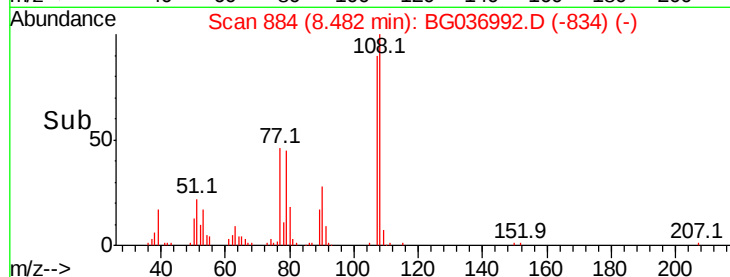


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 27.663 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

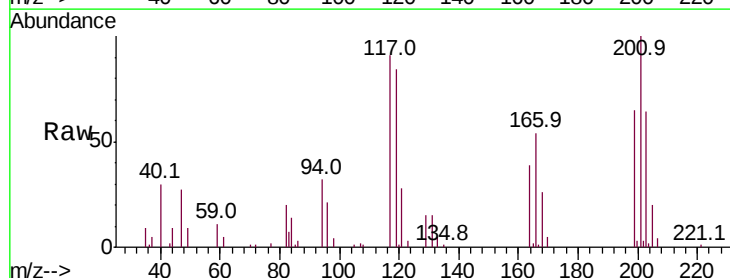
Tgt Ion:117 Resp: 31710

Ion Ratio Lower Upper

117 100

119 92.8 76.8 115.2

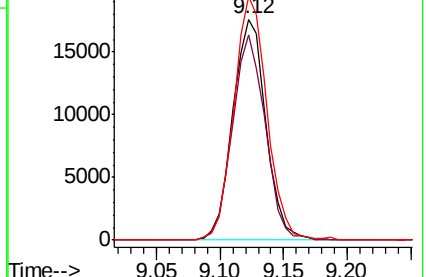
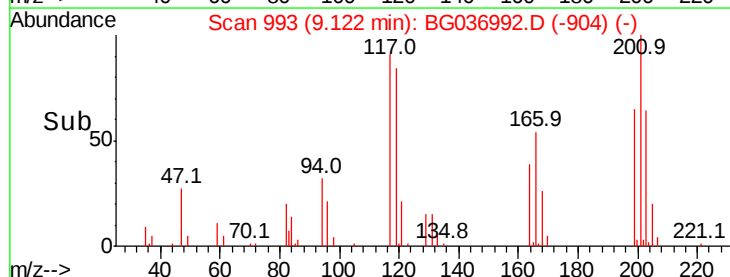
201 110.2 85.7 128.5

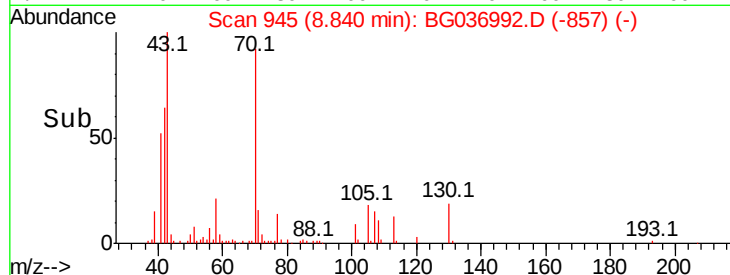
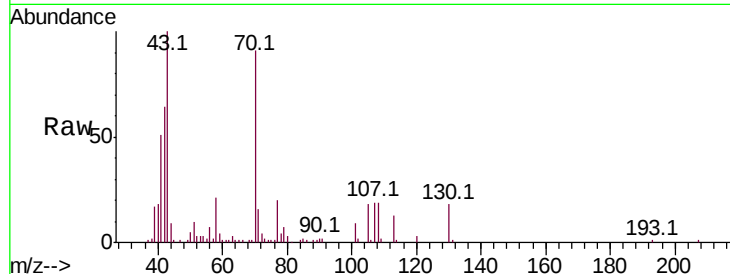
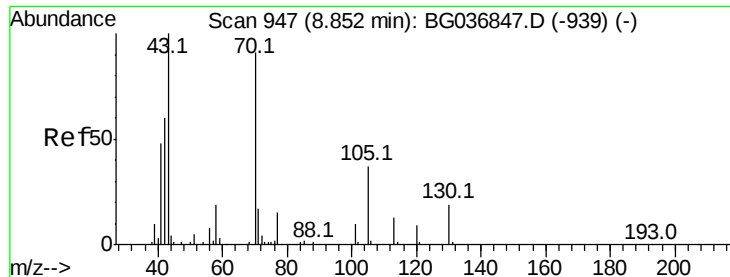


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

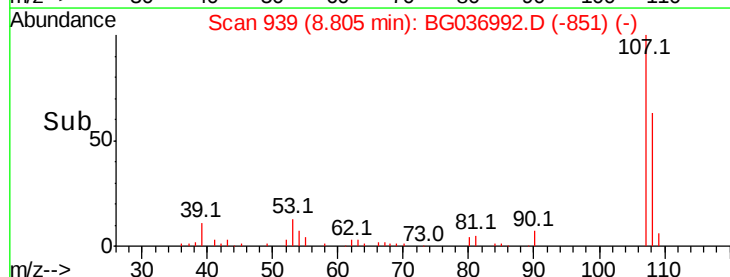
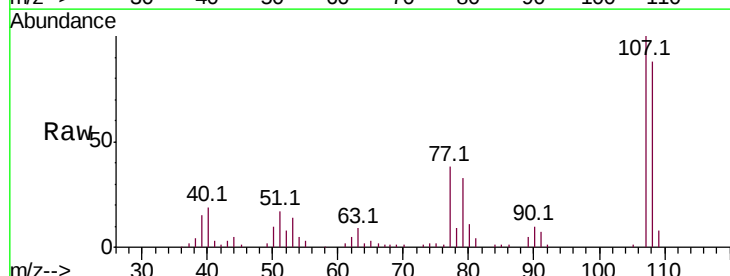
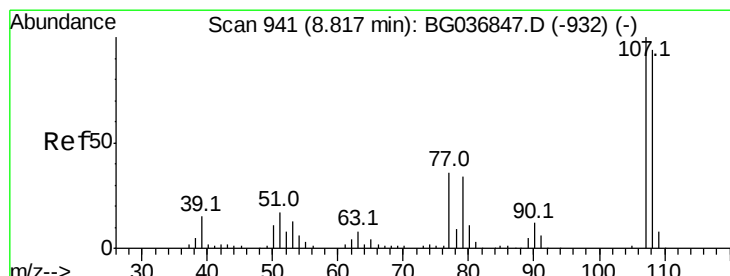
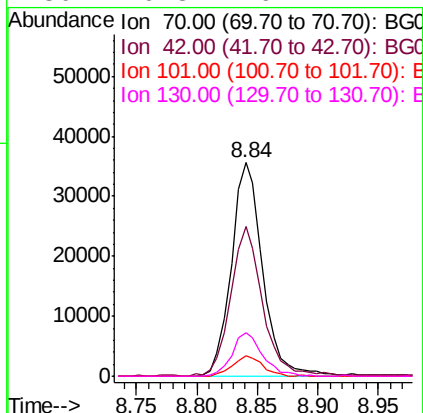




#19
n-Nitroso-di-n-propylamine
Concen: 23.292 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

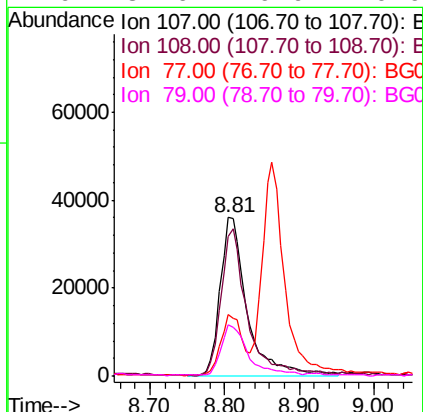
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	64102
Ion	Ratio	Lower	Upper
70	100		
42	69.9	56.2	84.4
101	9.5	7.8	11.6
130	20.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 27.650 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:	107	Resp:	91482
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.0	108.0
77	38.4	15.6	55.6
79	32.6	9.9	49.9

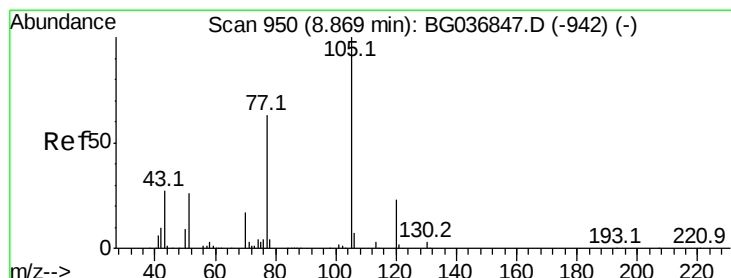
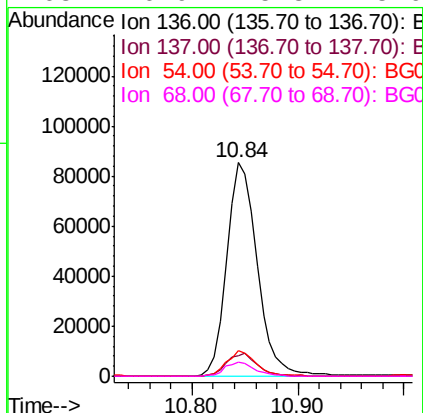
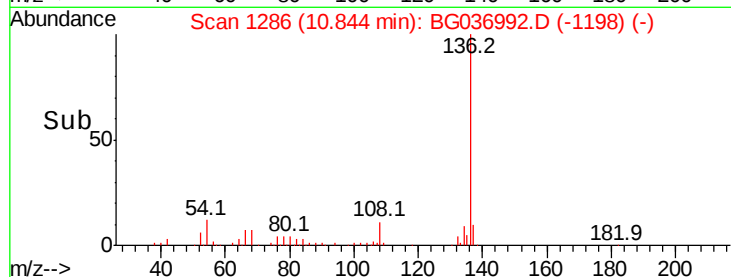
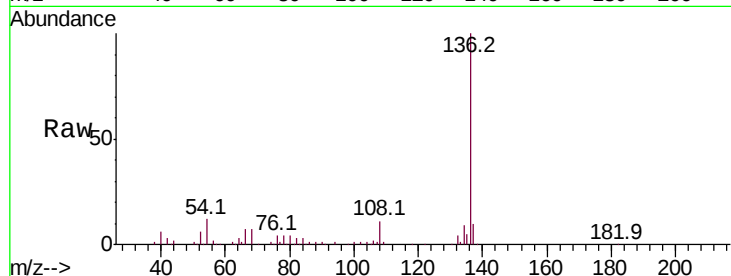




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

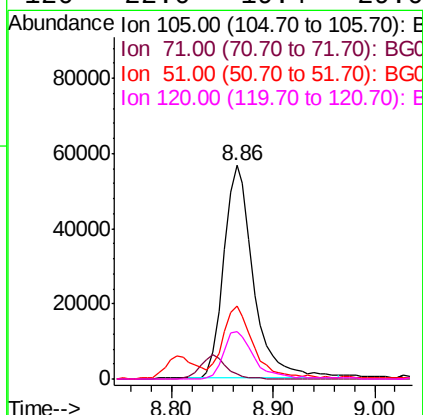
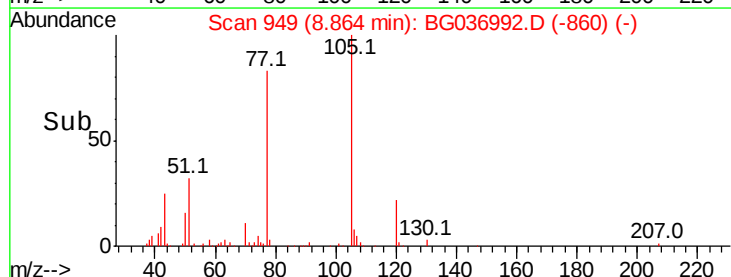
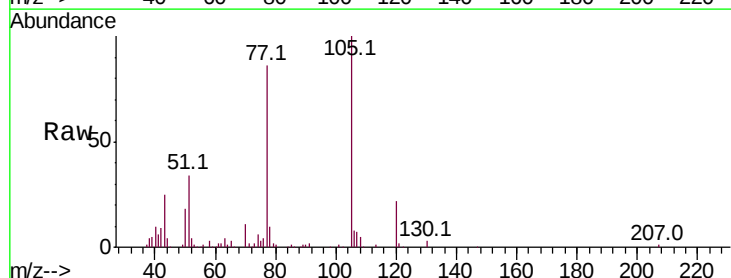
Instrument :
BNA_G
ClientSampleId :

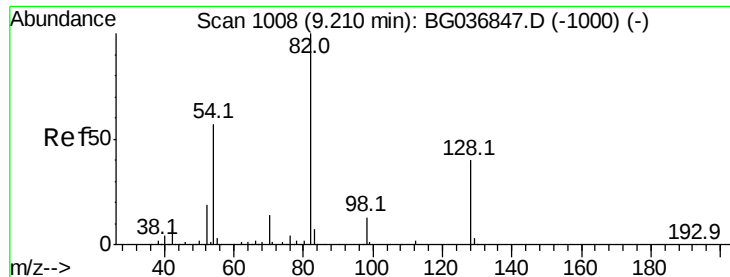
Tot Ion:136	Resp:	170698
Ion Ratio	Lower	Upper
136	100	
137	9.8	8.8 13.2
54	12.3	9.2 13.8
68	6.9	5.8 8.6



#22
Acetophenone
Concen: 28.700 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:105	Resp:	115126
Ion Ratio	Lower	Upper
105	100	
71	2.4	2.4 3.6
51	34.1	25.9 38.9
120	22.0	19.4 29.0

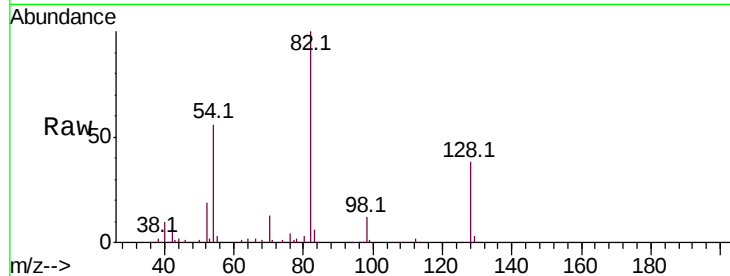




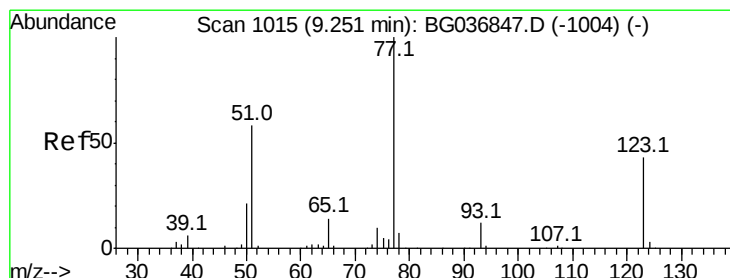
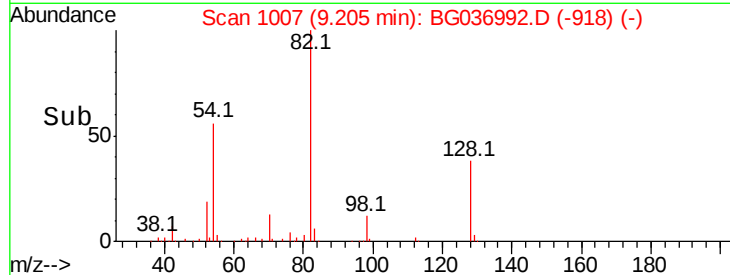
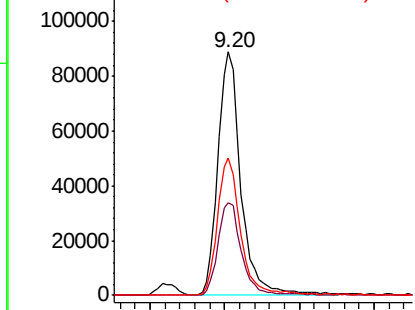
#23
Nitrobenzene-d5
Concen: 59.321 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	33.3	49.9
54	56.4	45.1	67.7

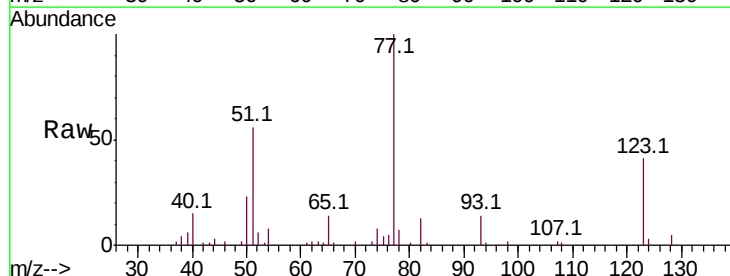


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

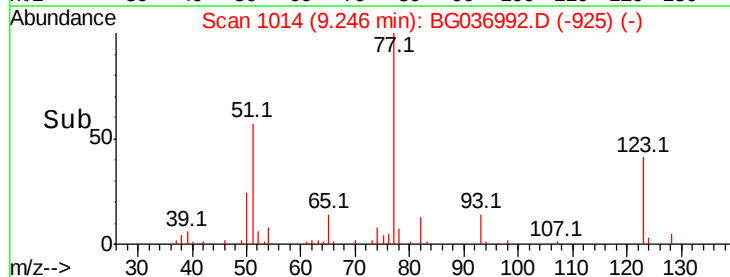
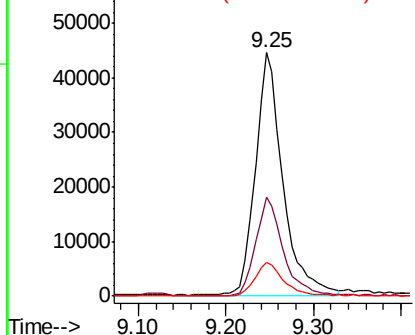


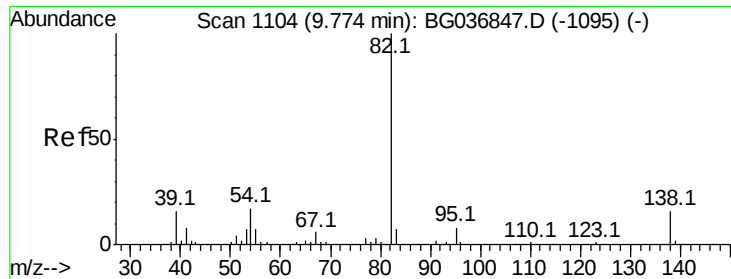
#24
Nitrobenzene
Concen: 27.898 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	32.4	48.6
65	13.8	11.5	17.3



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





#25

Isophorone

Concen: 31.045 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampled :

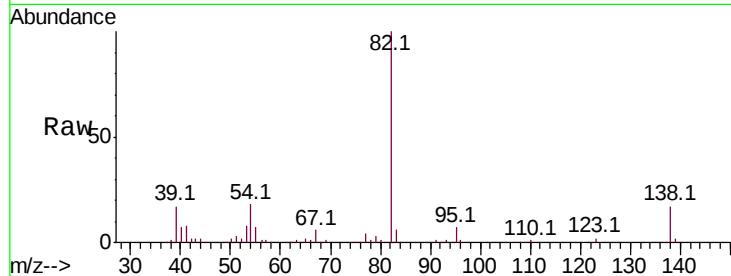
Tot Ion: 82 Resp: 180818

Ion Ratio Lower Upper

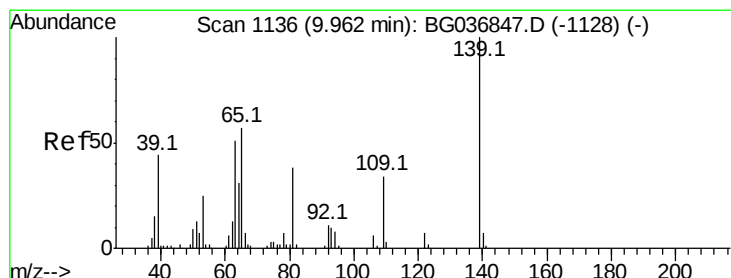
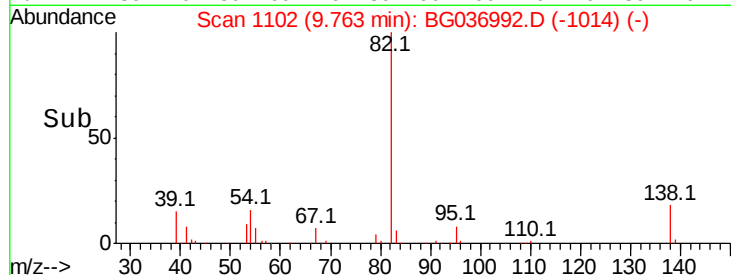
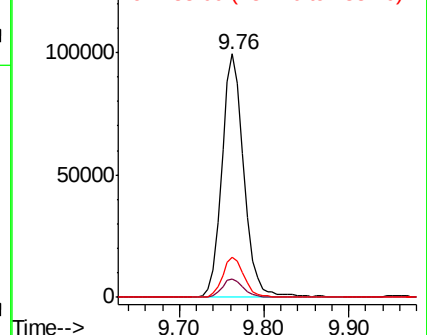
82 100

95 7.4 5.8 8.8

138 16.7 12.9 19.3



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



#26

2-Nitrophenol

Concen: 29.522 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

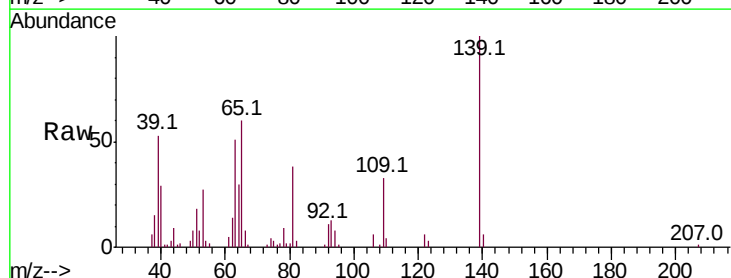
Tgt Ion: 139 Resp: 40056

Ion Ratio Lower Upper

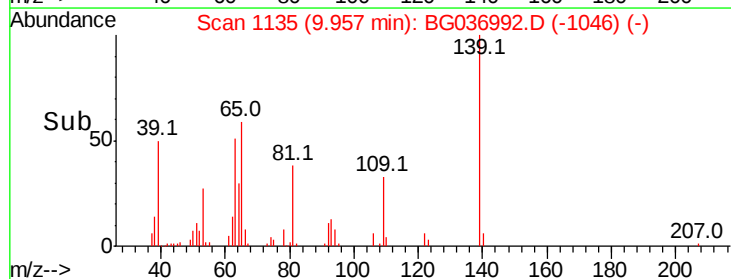
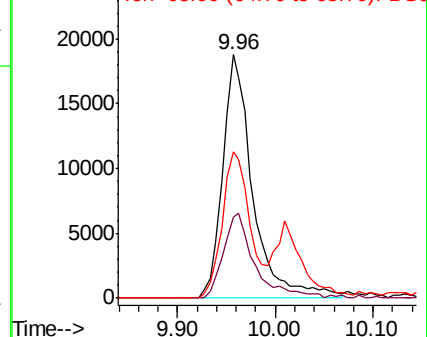
139 100

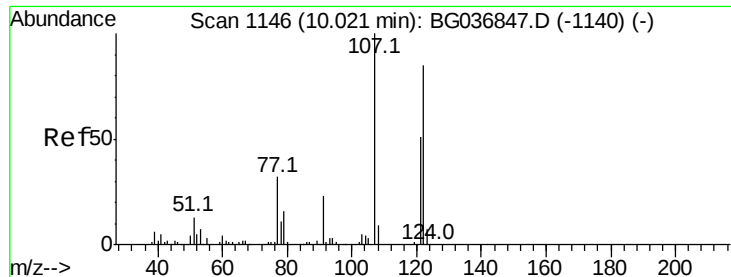
109 33.2 27.4 41.0

65 59.9 47.8 71.6



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

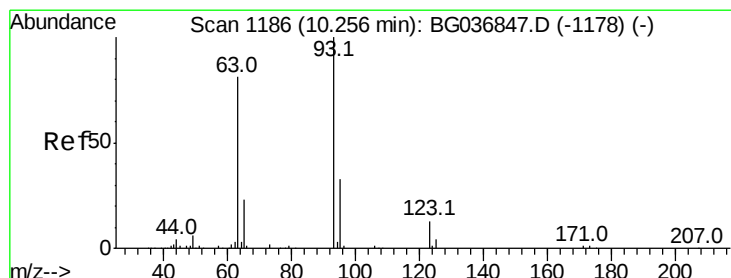
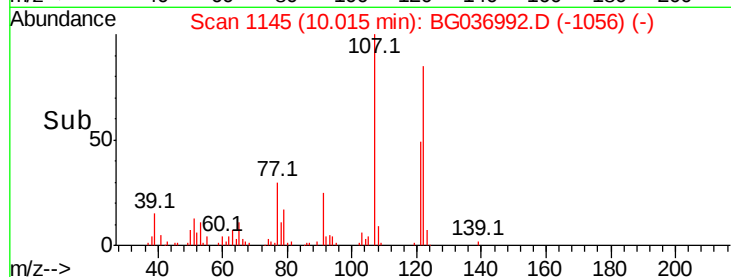
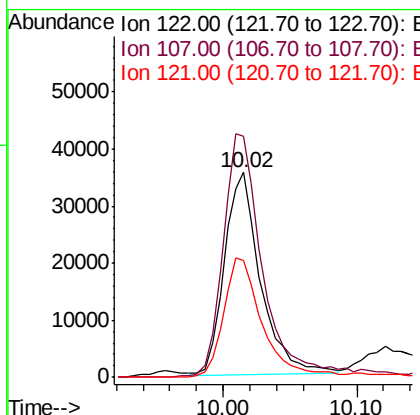
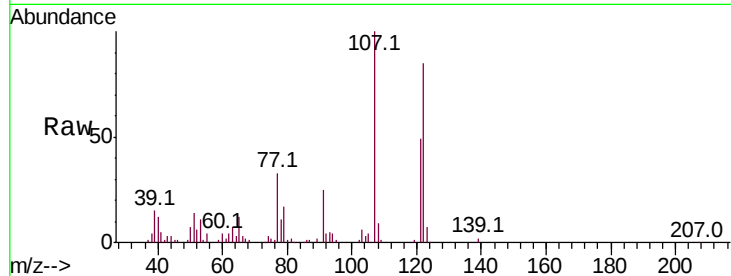




#27
 2,4-Dimethylphenol
 Concen: 31.950 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

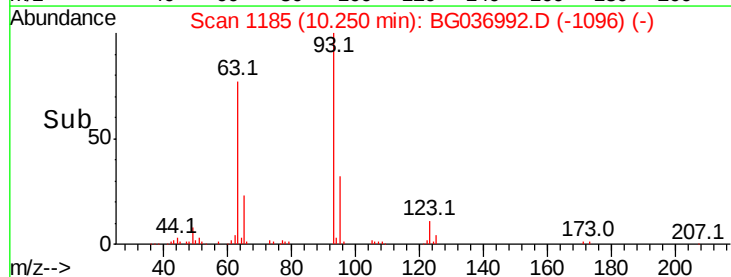
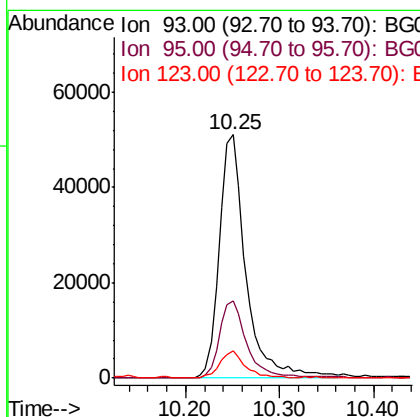
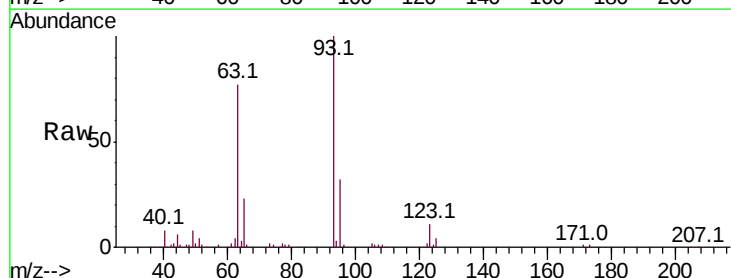
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 67528
 Ion Ratio Lower Upper
 122 100
 107 117.9 96.0 144.0
 121 57.2 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.106 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion: 93 Resp: 101011
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.2 37.8
 123 11.2 8.6 12.8

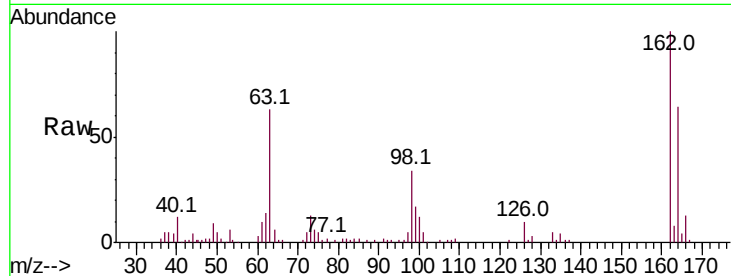




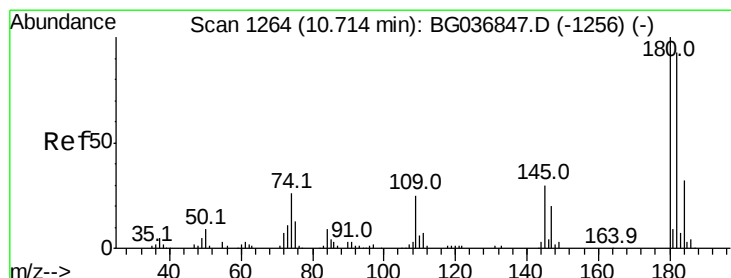
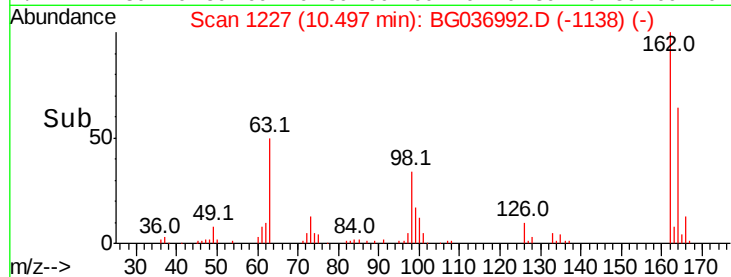
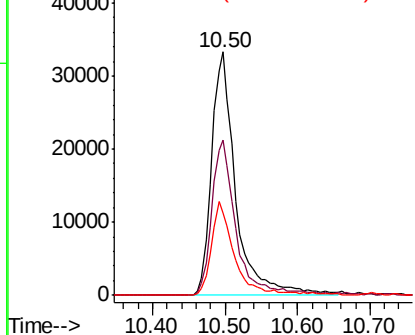
#29
 2,4-Dichlorophenol
 Concen: 31.463 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 77088
 Ion Ratio Lower Upper
 162 100
 164 63.7 47.6 87.6
 98 33.8 19.2 59.2

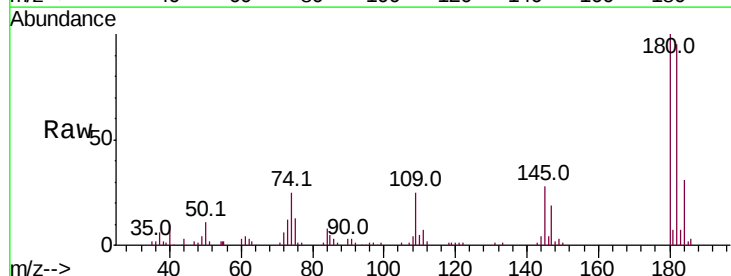


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

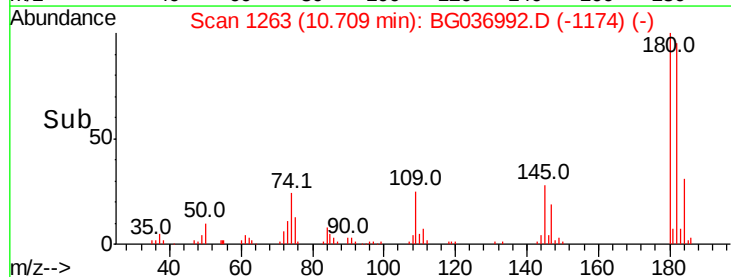
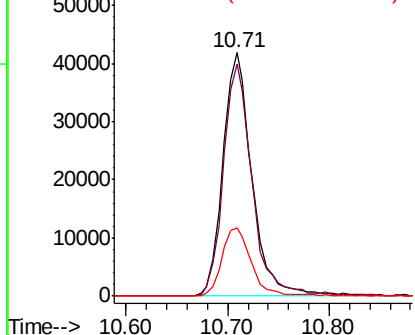


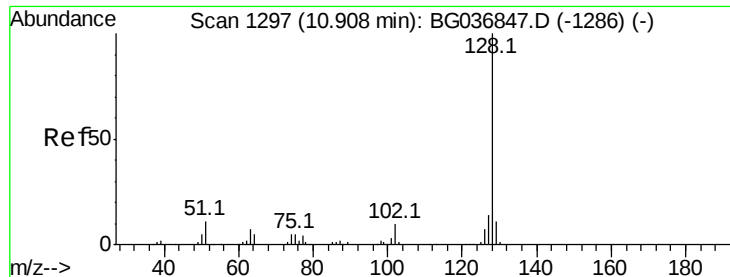
#30
 1,2,4-Trichlorobenzene
 Concen: 27.067 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion:180 Resp: 82992
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.0 114.0
 145 27.8 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: 30.088 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

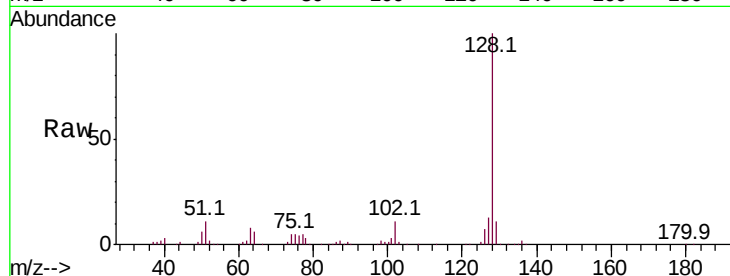
Tot Ion:128 Resp: 244375

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

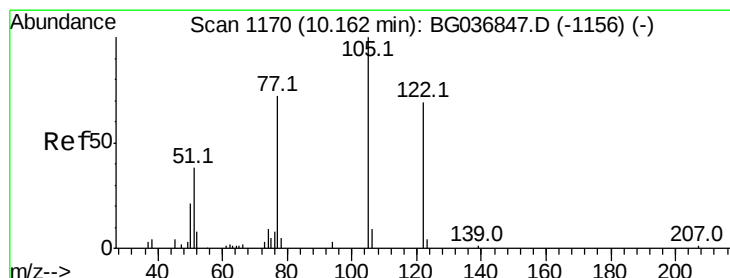
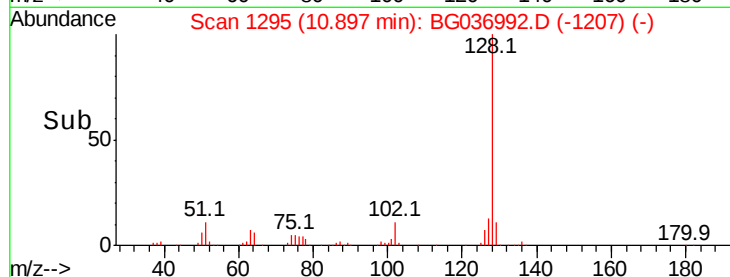
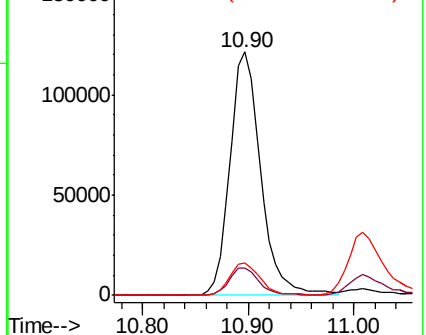
127 13.2 11.0 16.4



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: 12.991 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.04 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

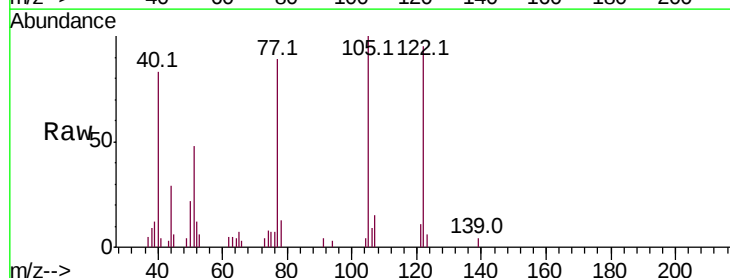
Tgt Ion:122 Resp: 13216

Ion Ratio Lower Upper

122 100

105 105.2 108.1 148.1#

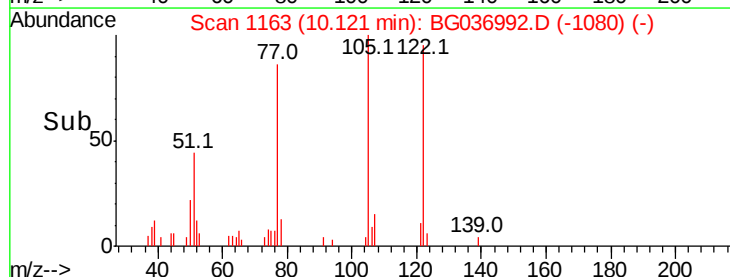
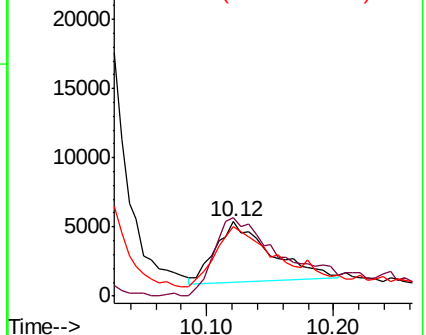
77 93.8 76.3 116.3

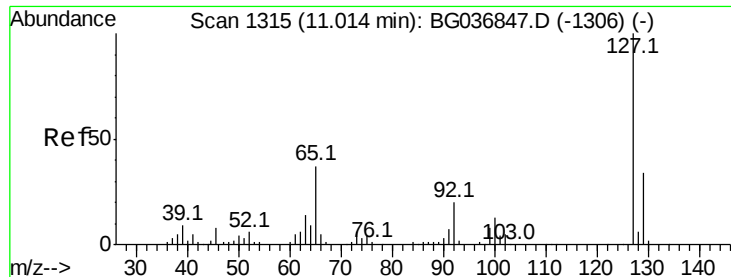


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

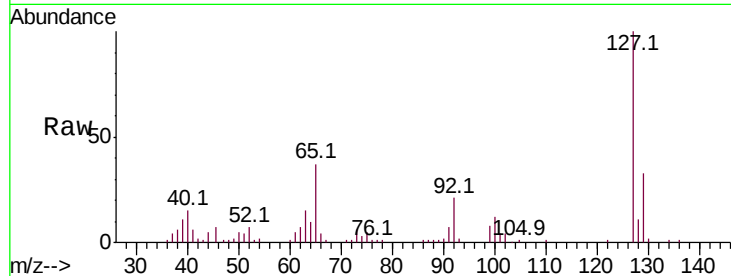




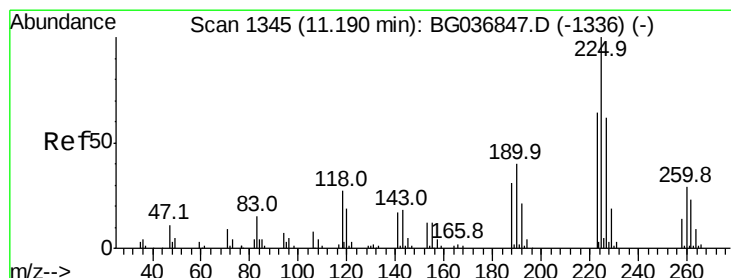
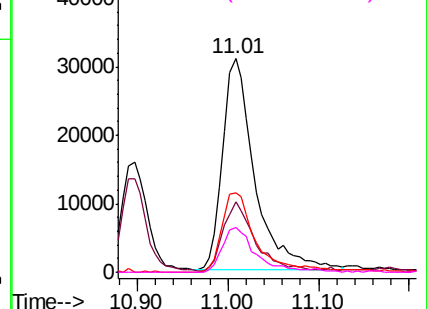
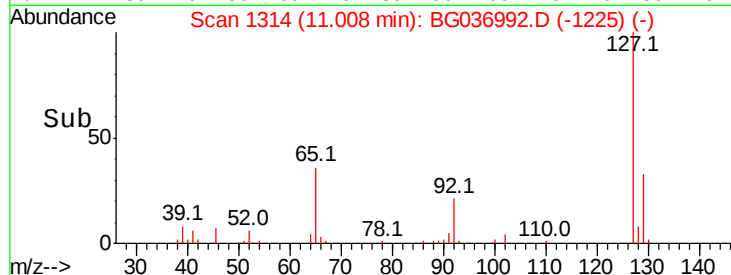
#33
4-Chloroaniline
Concen: 20.743 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	76601
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	37.0	27.5	41.3
92	21.0	16.2	24.2

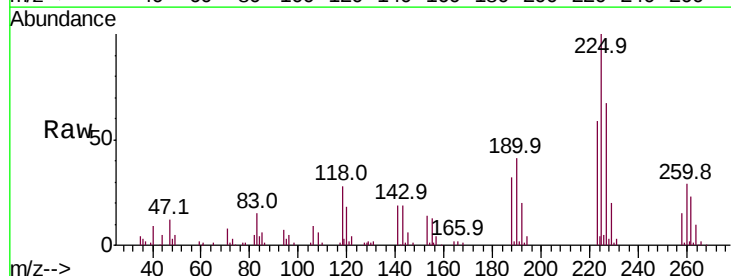


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

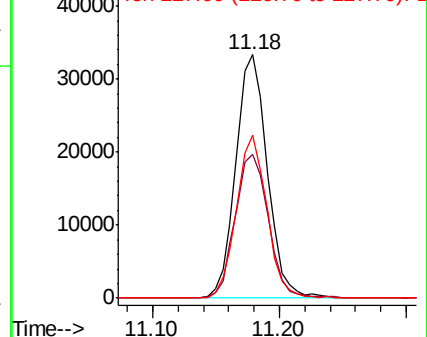
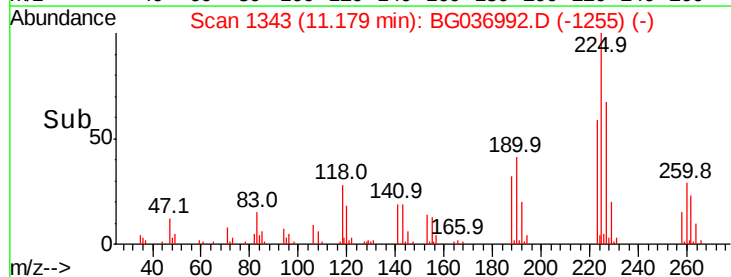


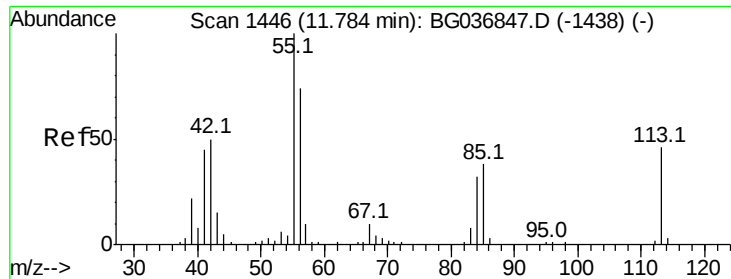
#34
Hexachlorobutadiene
Concen: 26.926 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:	225	Resp:	57094
Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.8	77.8
227	66.7	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: 29.539 ng

RT: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampled :

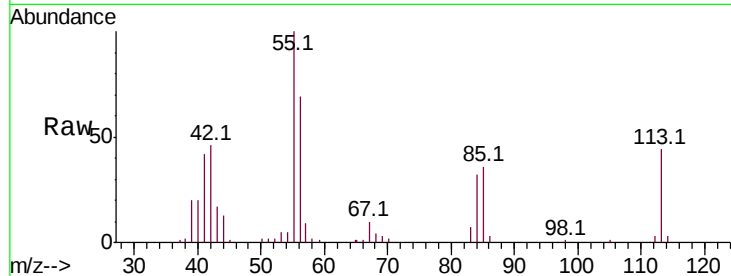
Tot Ion:113 Resp: 29788

Ion Ratio Lower Upper

113 100

55 228.5 197.7 237.7

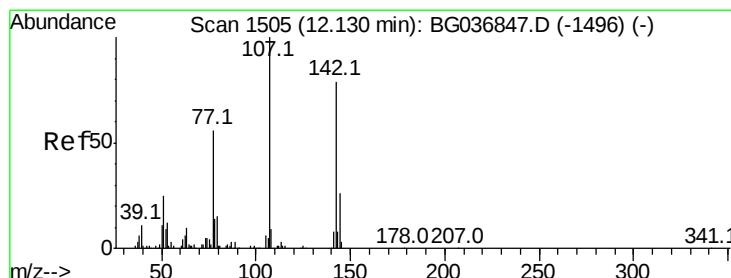
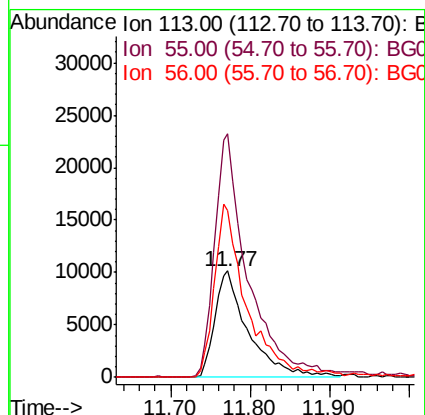
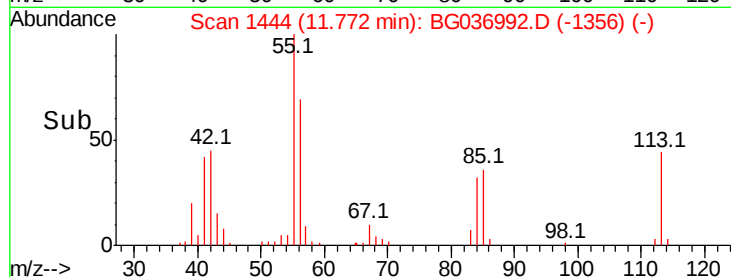
56 156.8 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 31.237 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

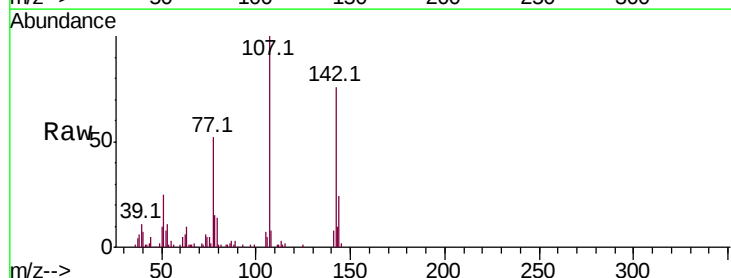
Tgt Ion:107 Resp: 91319

Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

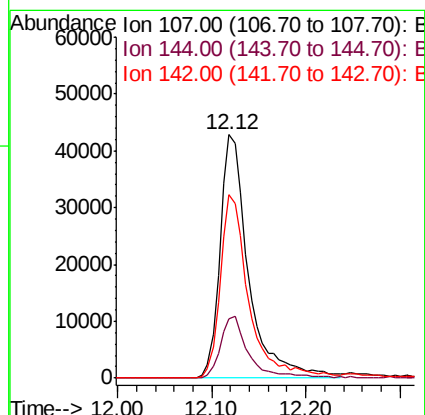
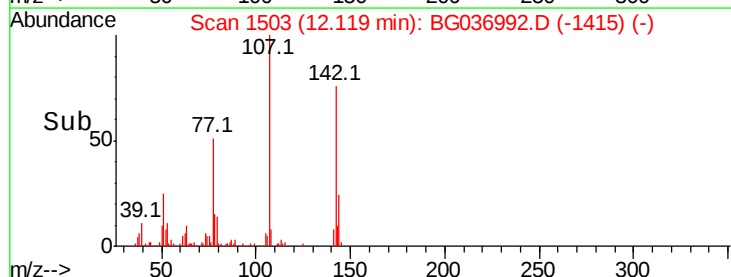
142 75.6 62.4 93.6

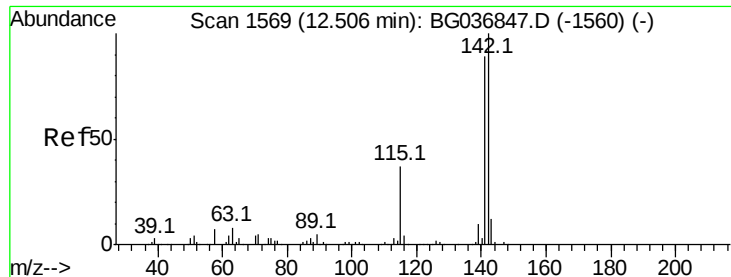


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

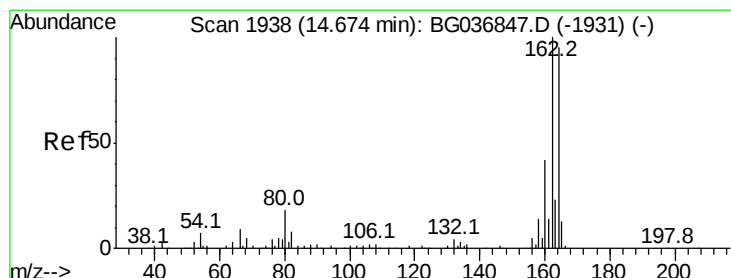
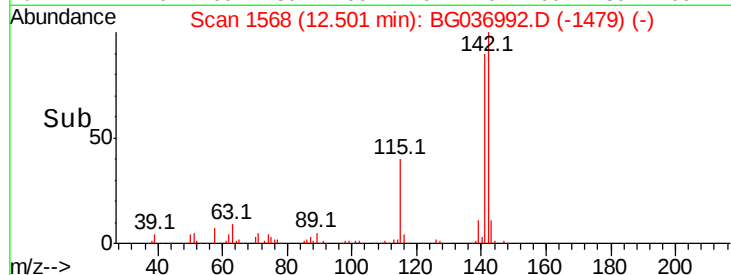
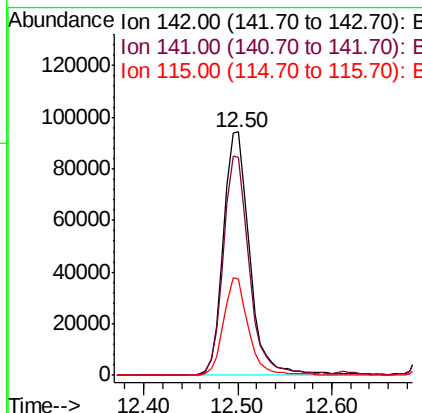
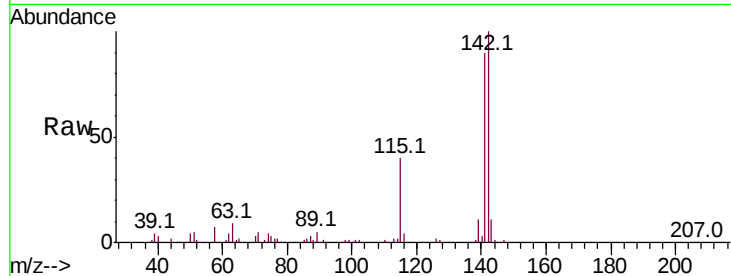




#37
2-Methylnaphthalene
Concen: 29.779 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

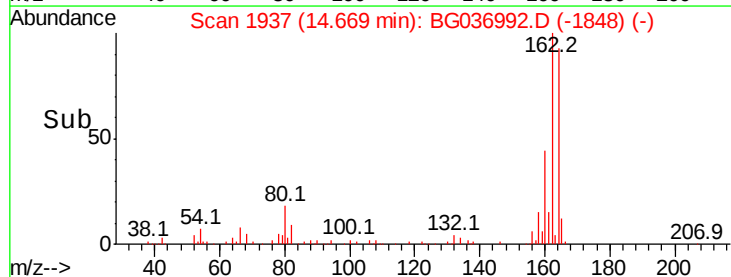
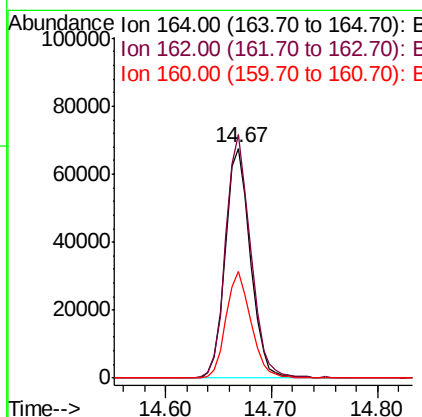
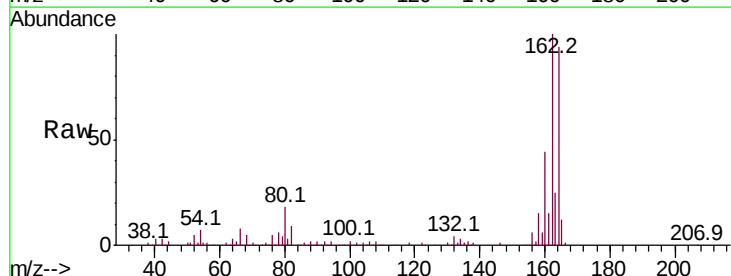
Instrument :
BNA_G
ClientSampleId :

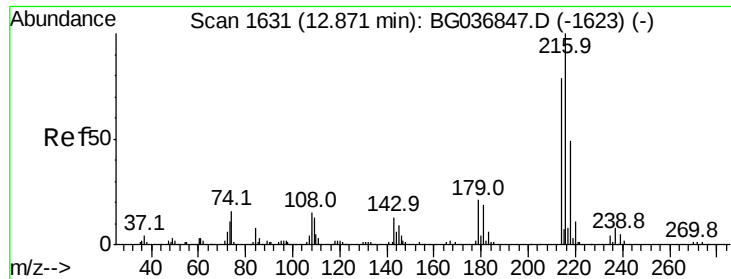
Tot Ion:142 Resp: 184206
Ion Ratio Lower Upper
142 100
141 89.8 68.5 102.7
115 39.6 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:164 Resp: 111339
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 46.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.339 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 106164

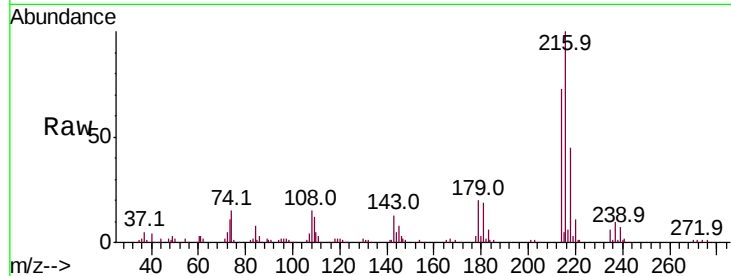
Ion Ratio Lower Upper

216 100

214 76.2 61.0 91.6

179 19.3 15.7 23.5

108 18.2 13.1 19.7

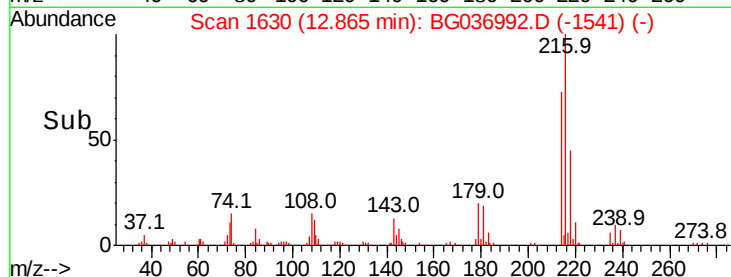


Abundance Ion 216.00 (215.70 to 216.70): E

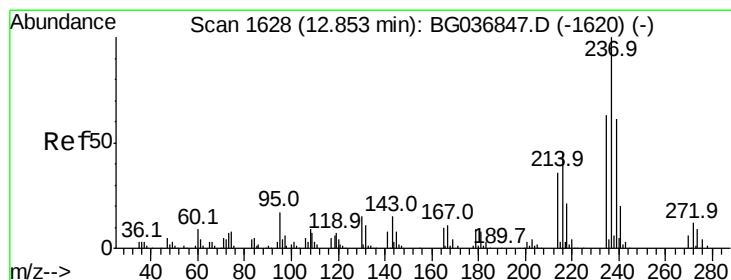
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 52.474 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

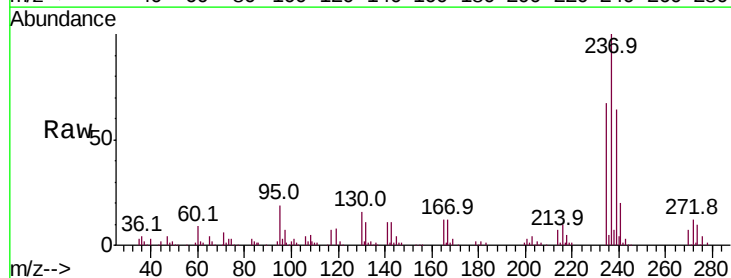
Tgt Ion:237 Resp: 104801

Ion Ratio Lower Upper

237 100

235 66.7 42.2 82.2

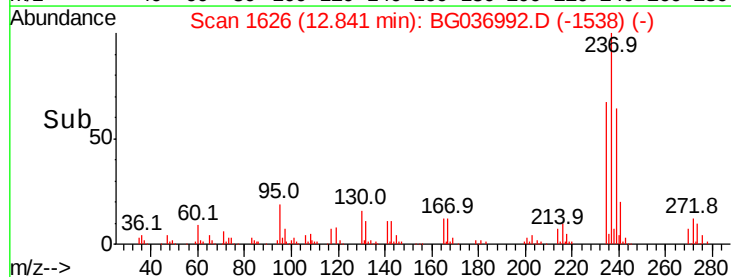
272 12.1 0.0 32.1



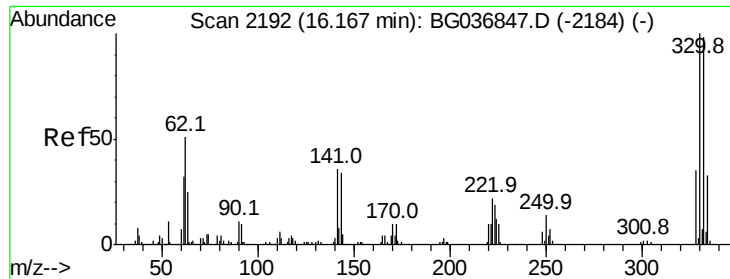
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



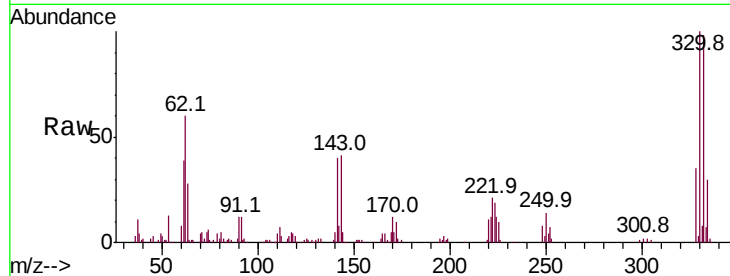
Time-->



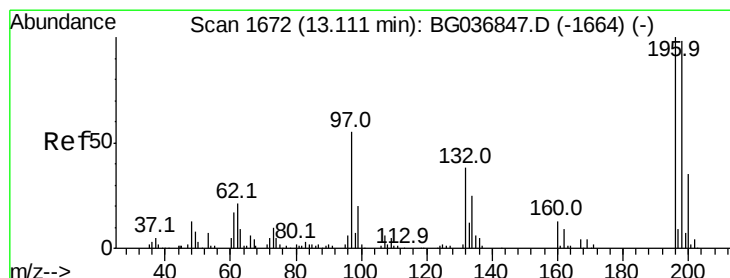
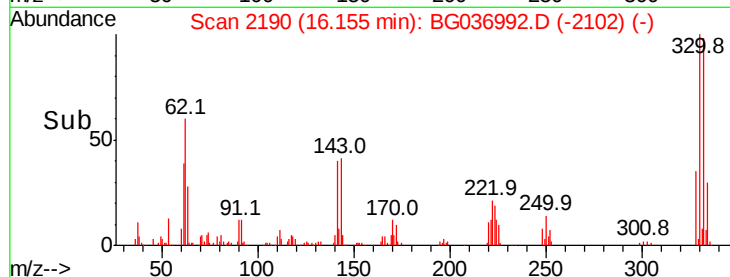
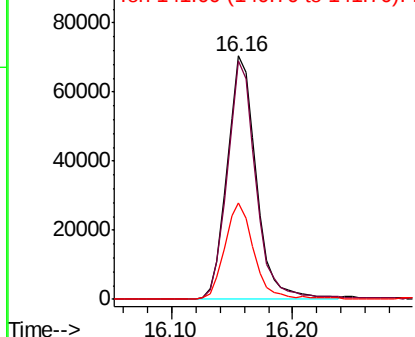
#41
 2,4,6-Tribromophenol
 Concen: 88.727 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	39.7	30.7	46.1

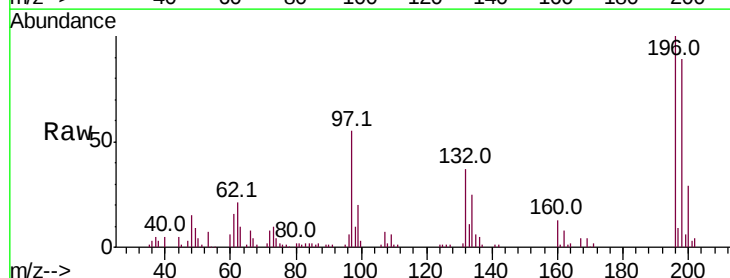


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

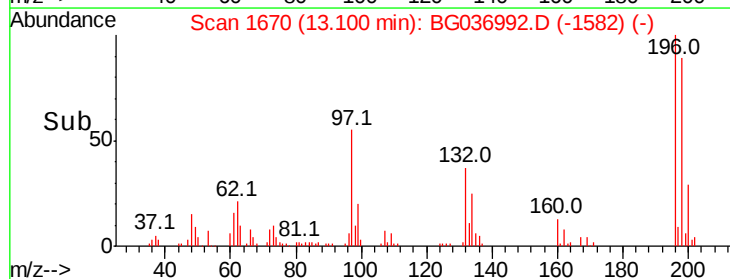
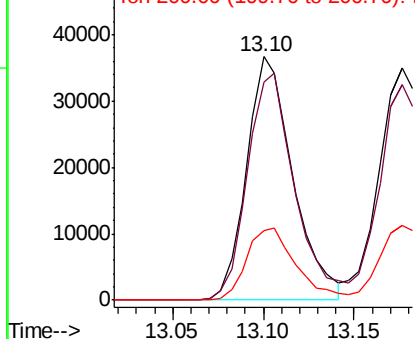


#42
 2,4,6-Trichlorophenol
 Concen: 30.291 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.5	77.2	115.8
200	28.8	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

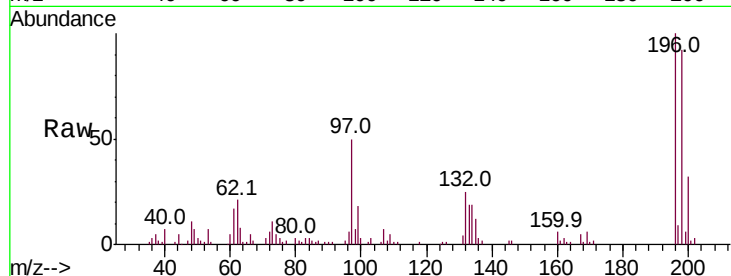




#43
 2,4,5-Trichlorophenol
 Concen: 33.093 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.6	113.4
97	49.6	37.2	55.8
132	24.7	19.4	29.2



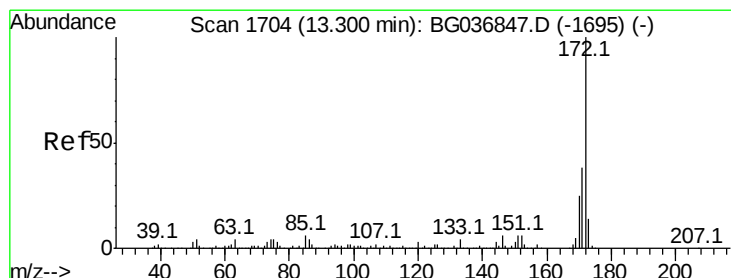
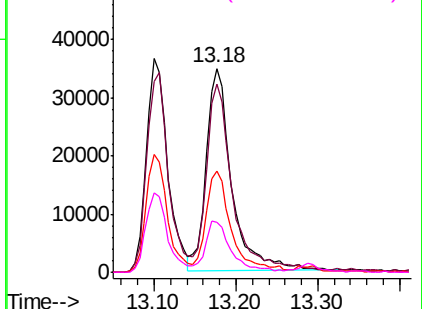
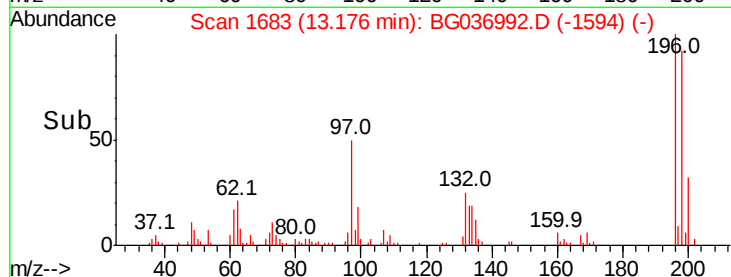
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

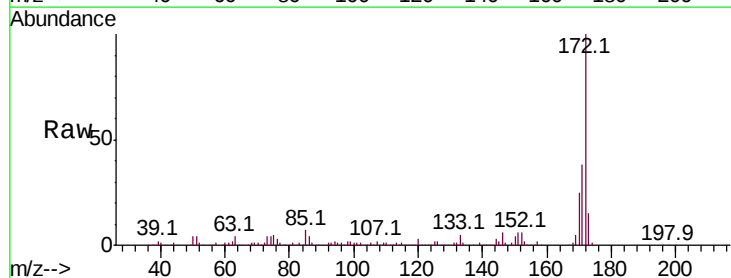
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.736 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.5	21.0	31.6

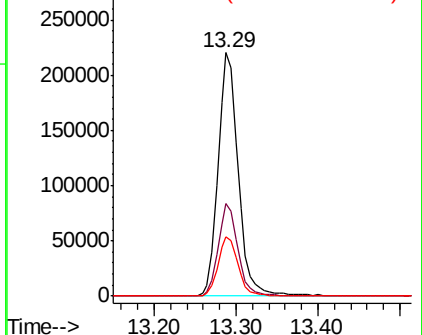
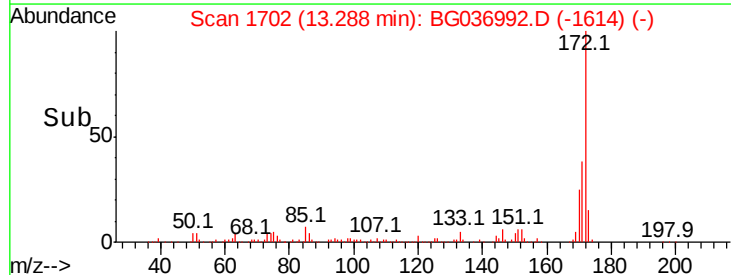


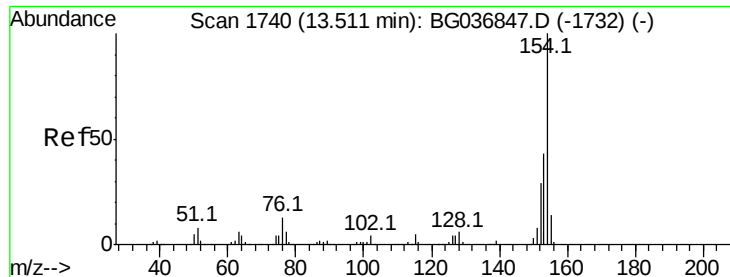
Abundance

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

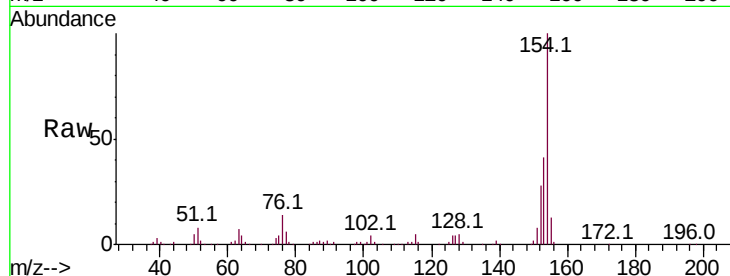




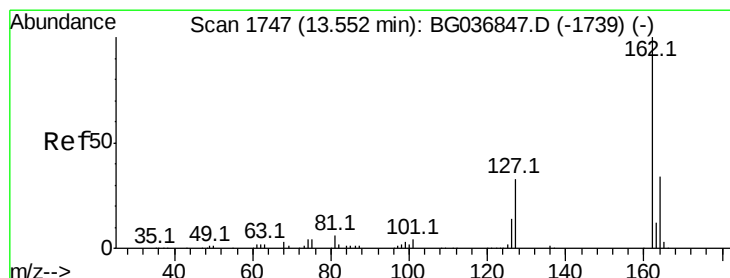
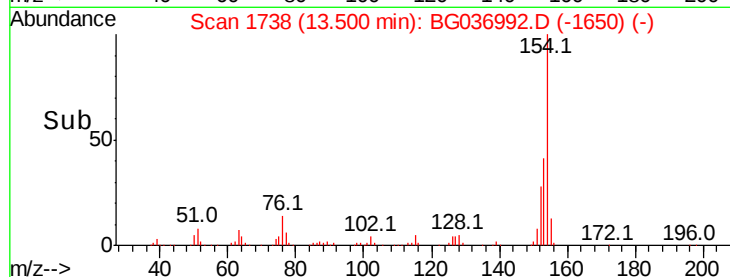
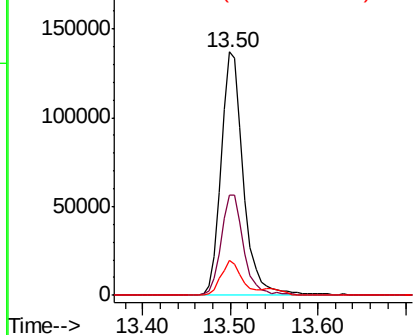
#45
 1,1'-Biphenyl
 Concen: 28.299 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	24.0	64.0
76	14.2	0.0	32.9

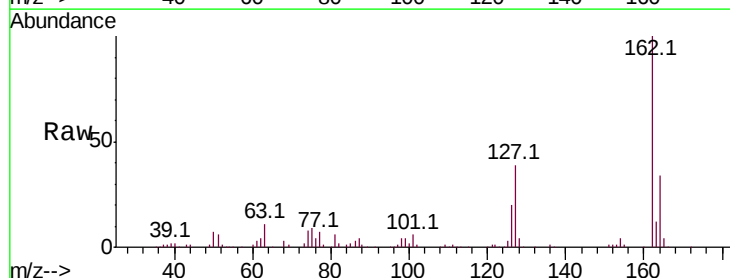


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

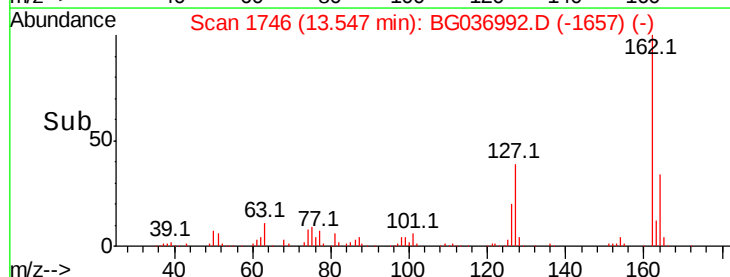
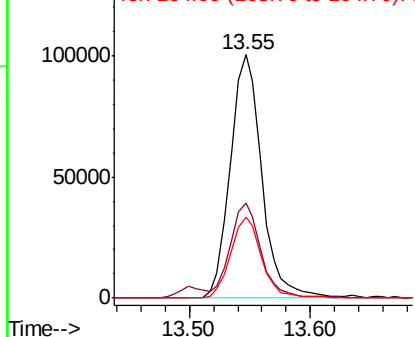


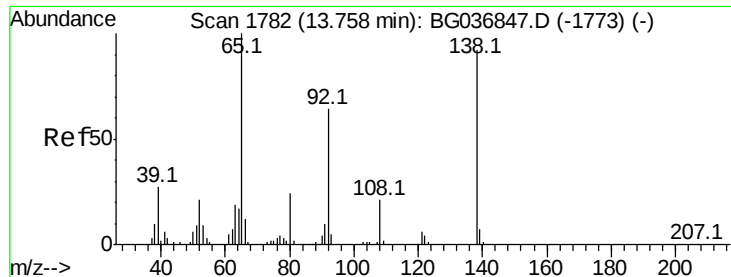
#46
 2-Chloronaphthalene
 Concen: 27.208 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	33.5	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: 31.177 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

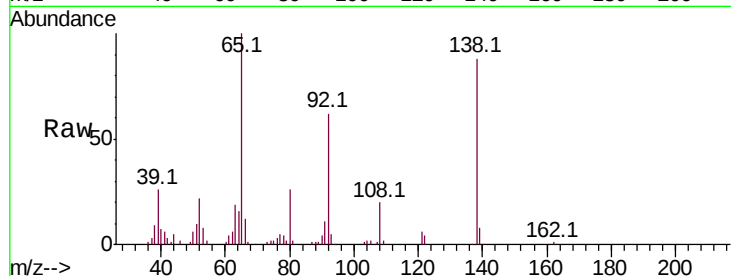
Tot Ion: 65 Resp: 72313

Ion Ratio Lower Upper

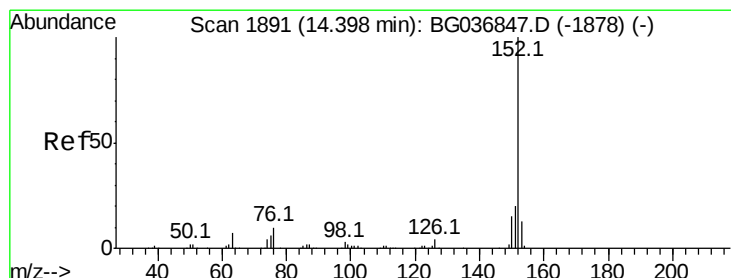
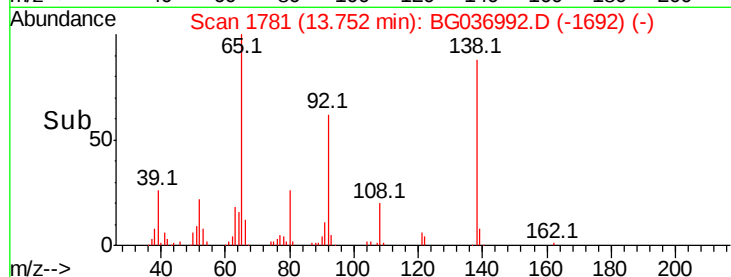
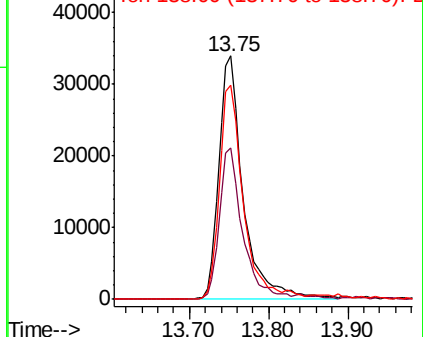
65 100

92 62.4 49.9 74.9

138 88.1 76.2 114.4



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



#48

Acenaphthylene

Concen: 30.057 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

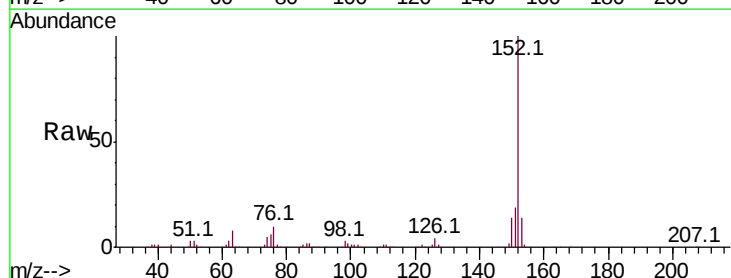
Tgt Ion: 152 Resp: 315834

Ion Ratio Lower Upper

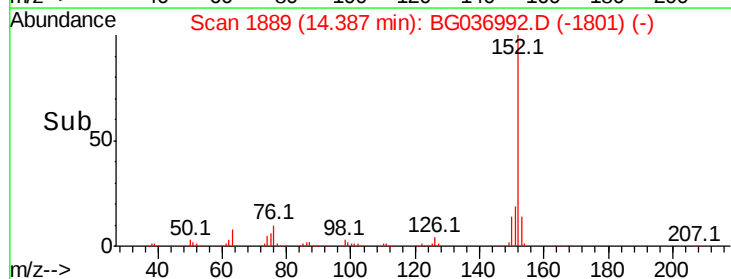
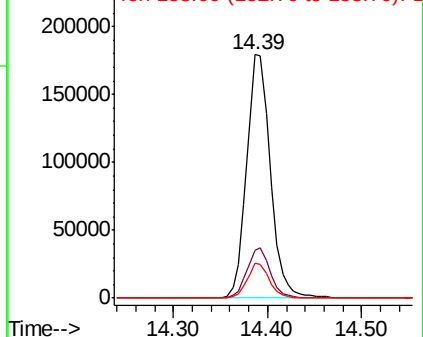
152 100

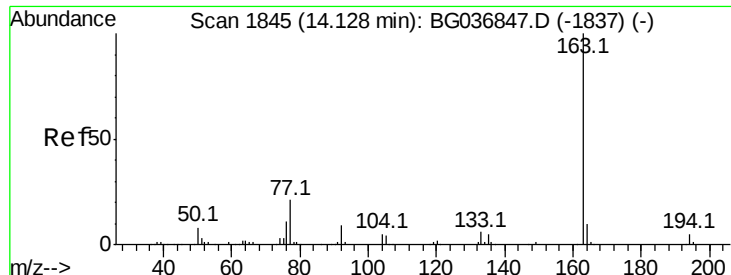
151 19.4 16.9 25.3

153 14.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 44.798 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

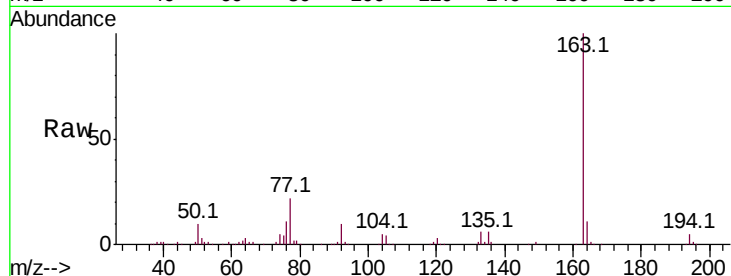
Tot Ion:163 Resp: 401479

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

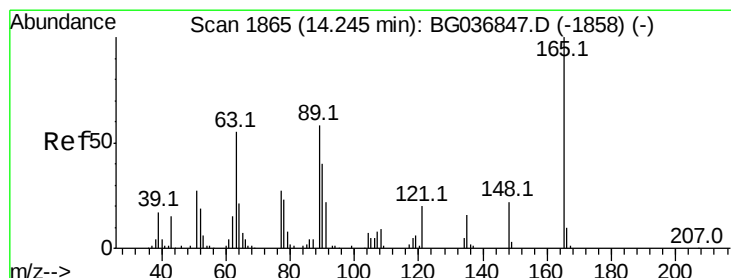
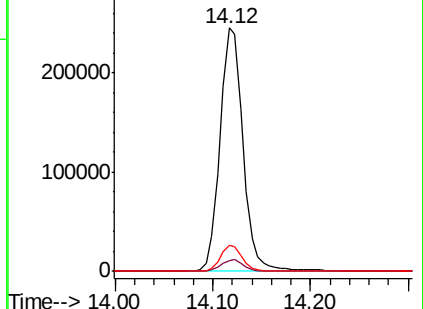
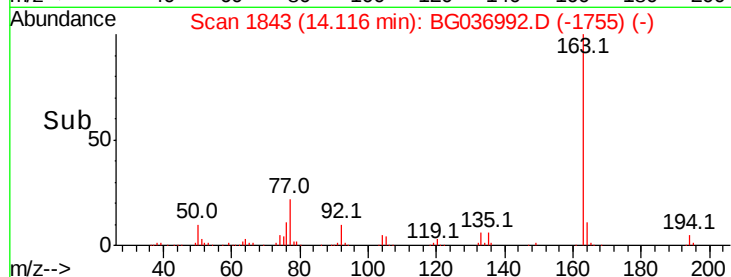
164 10.8 8.1 12.1



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: 28.780 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

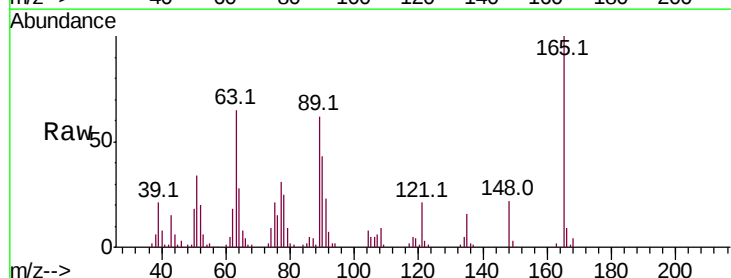
Tgt Ion:165 Resp: 56276

Ion Ratio Lower Upper

165 100

63 65.2 50.1 75.1

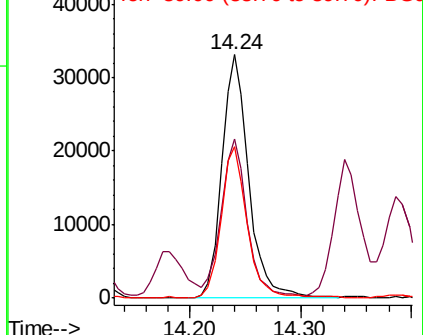
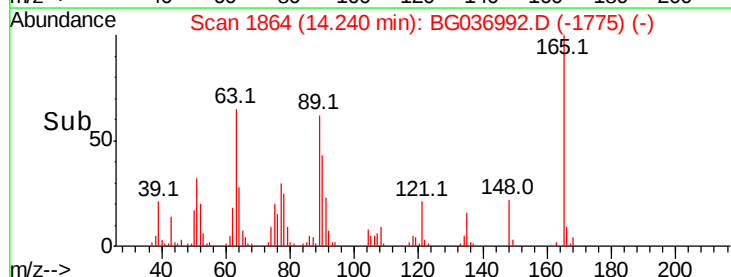
89 62.2 47.8 71.6

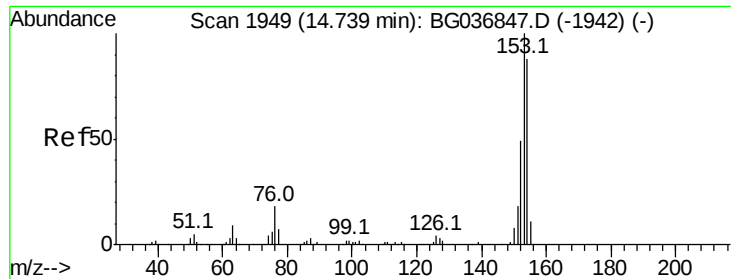


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 28.604 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

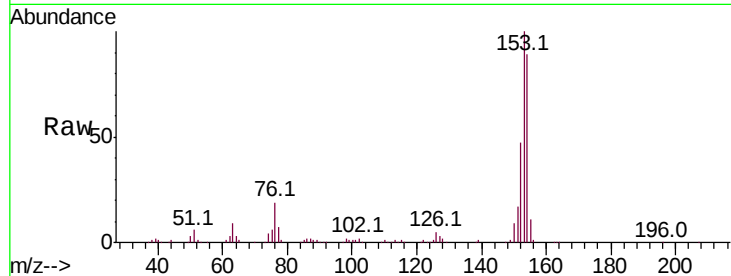
Tot Ion:154 Resp: 181660

Ion Ratio Lower Upper

154 100

153 113.0 91.8 137.6

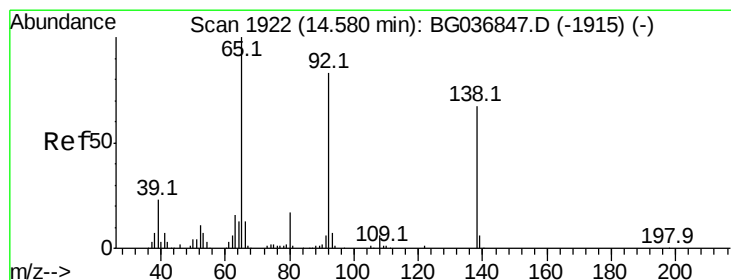
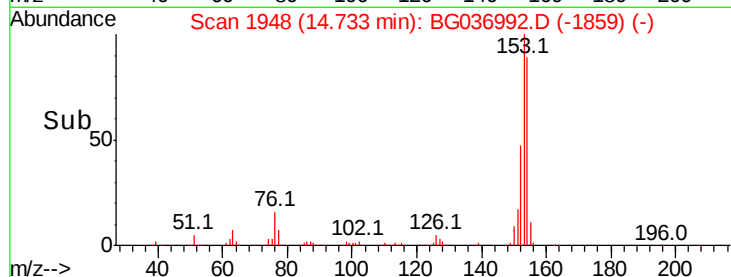
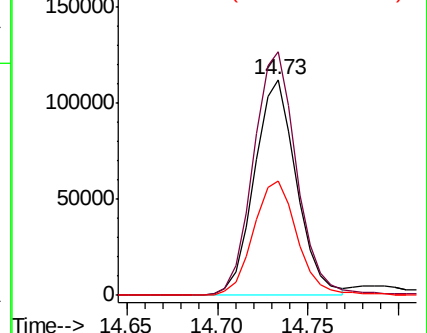
152 53.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.865 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

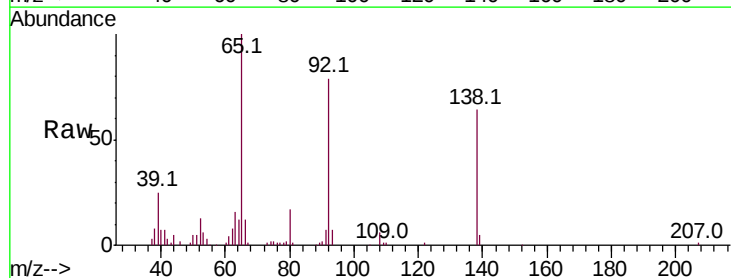
Tgt Ion:138 Resp: 49172

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.2

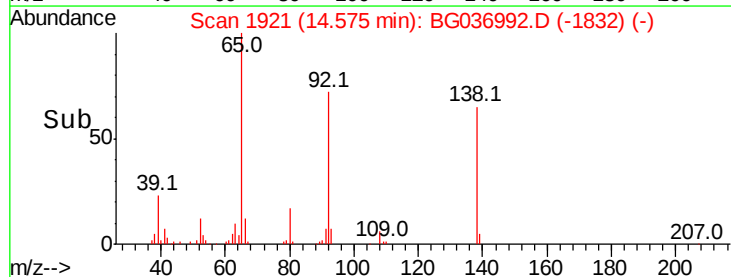
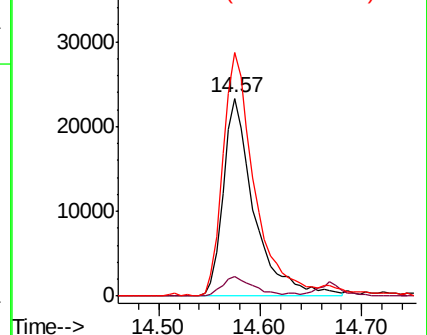
92 123.1 96.8 145.2

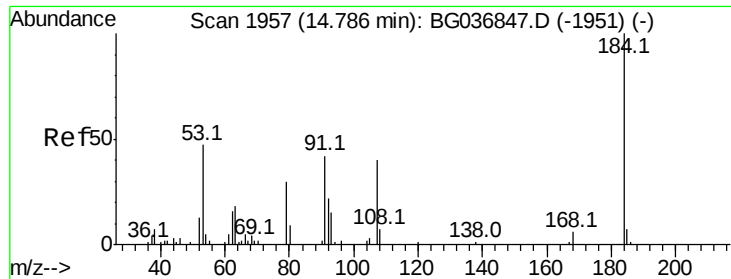


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

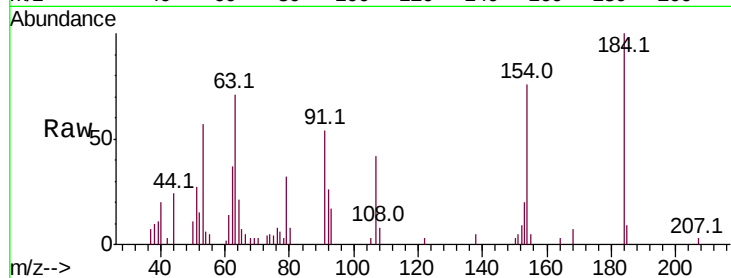




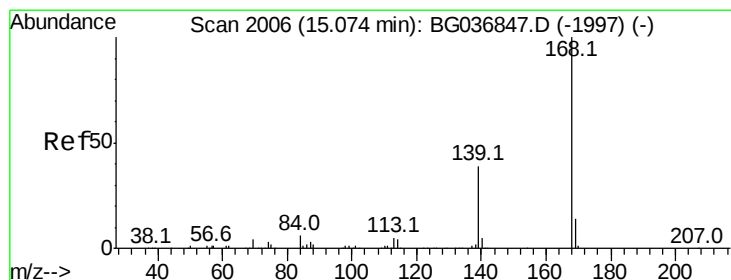
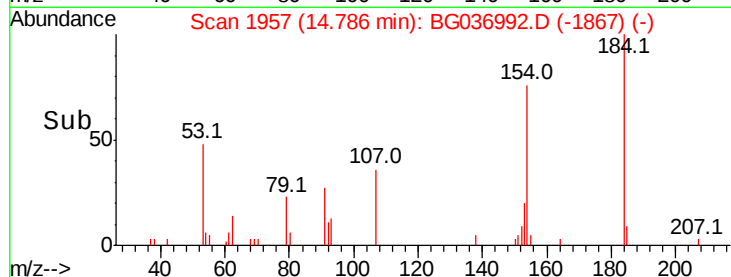
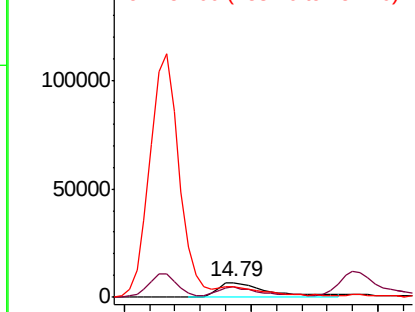
#53
2,4-Dinitrophenol
Concen: 26.353 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 18951
Ion Ratio Lower Upper
184 100
63 71.1 47.3 70.9#
154 76.4 51.1 76.7

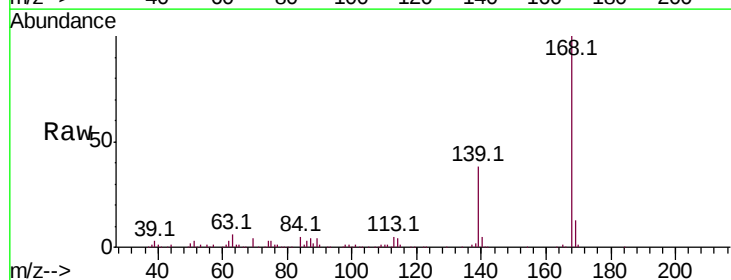


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

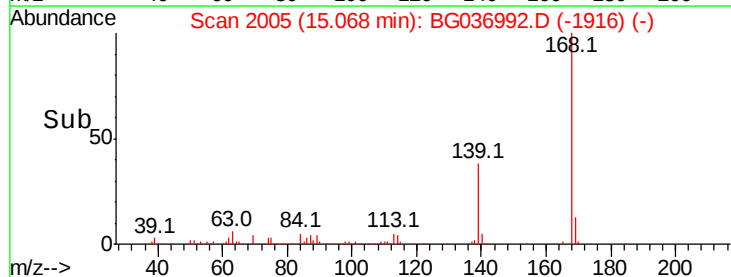
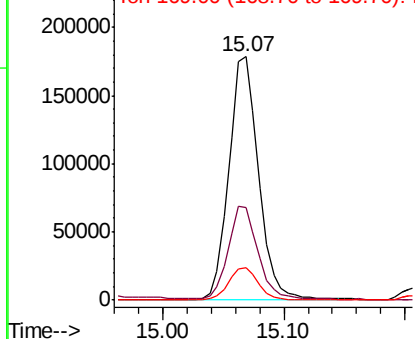


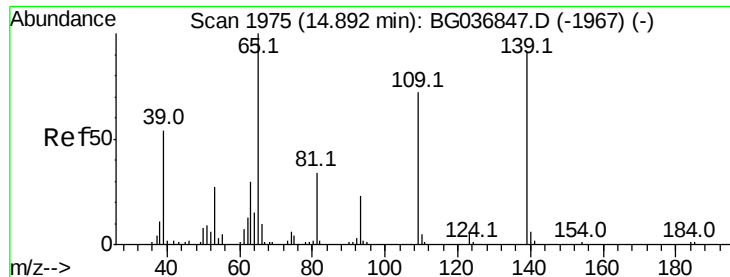
#54
Dibenzofuran
Concen: 28.467 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:168 Resp: 305801
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.6
169 13.3 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

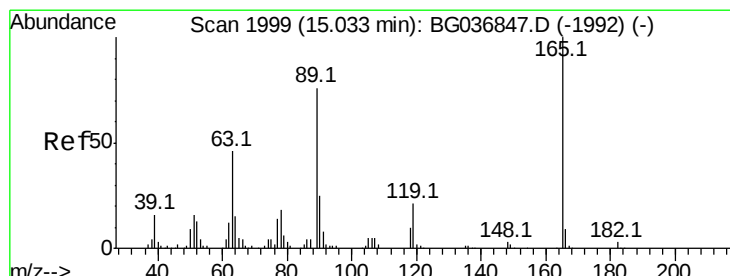
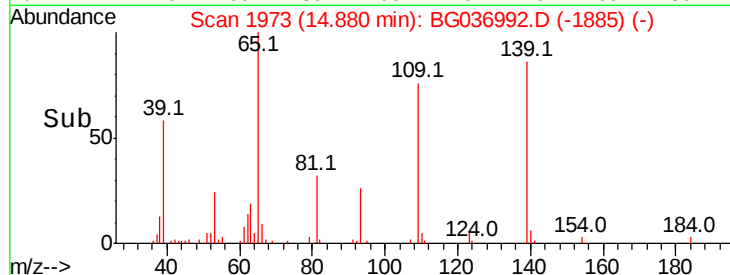
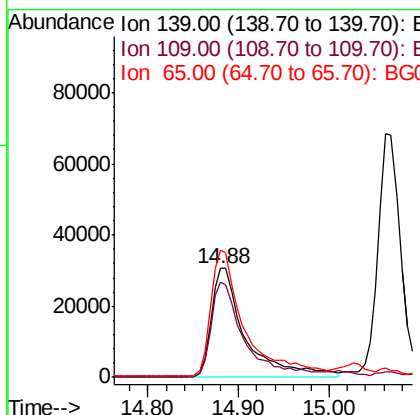
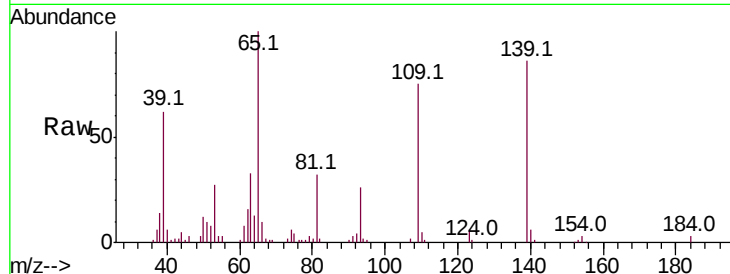




#55
4-Nitrophenol
Concen: 60.921 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

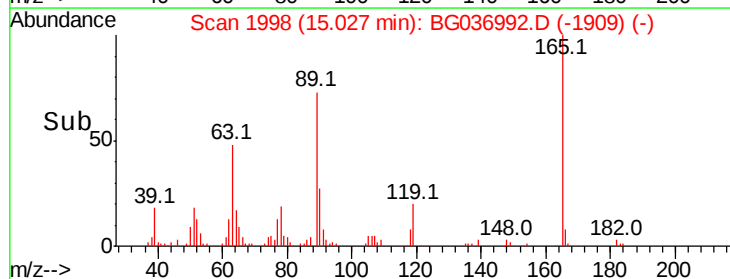
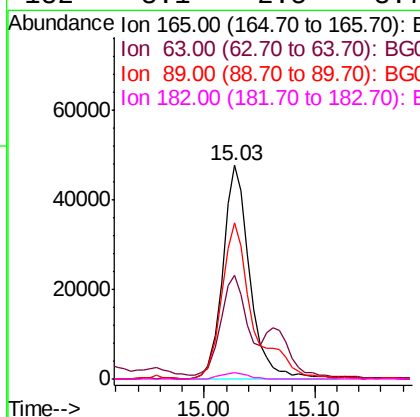
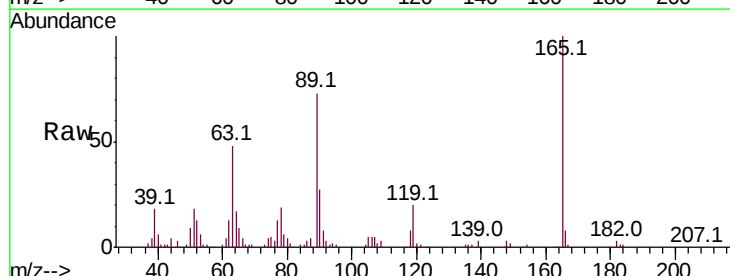
Instrument :
BNA_G
ClientSampleId :

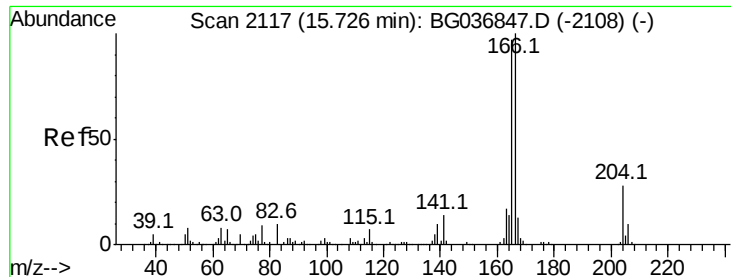
Tot Ion:139 Resp: 80191
Ion Ratio Lower Upper
139 100
109 87.7 63.9 103.9
65 116.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 29.772 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:165 Resp: 81233
Ion Ratio Lower Upper
165 100
63 48.3 40.1 60.1
89 72.8 63.7 95.5
182 3.1 2.5 3.7

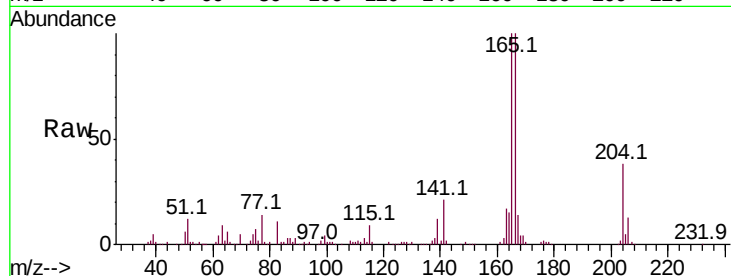




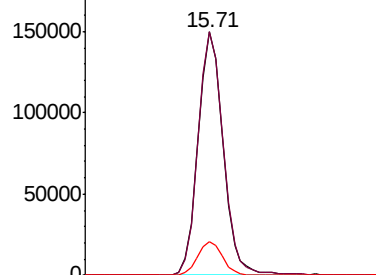
#57
Fluorene
 Concen: 30.581 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :

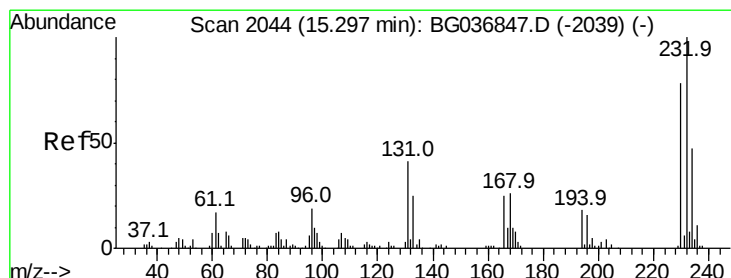
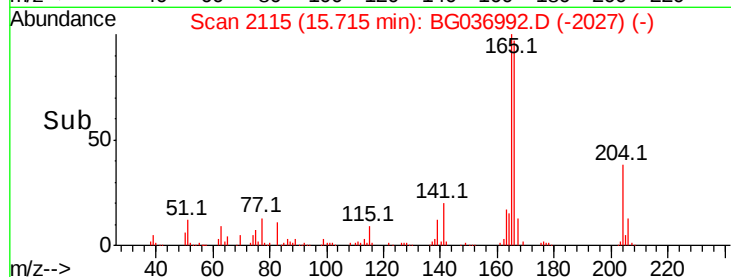
Tot Ion:166 Resp: 245534
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.0 115.4
 167 13.9 10.6 16.0



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

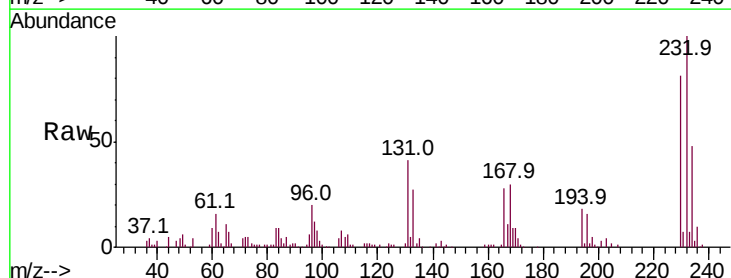


Time--> 15.60 15.70 15.80

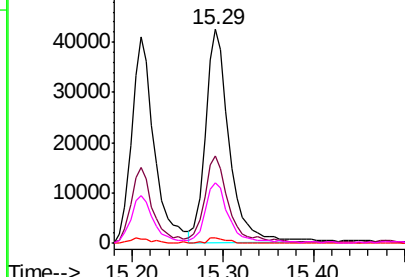


#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.108 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

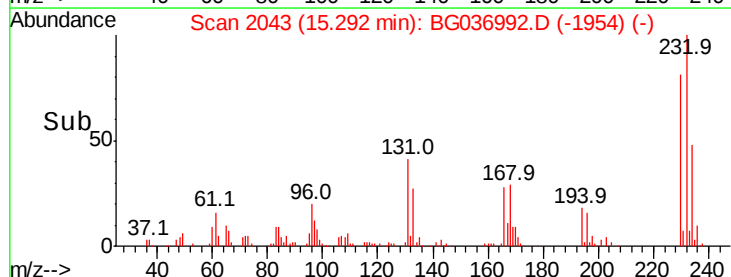
Tgt Ion:232 Resp: 77227
 Ion Ratio Lower Upper
 232 100
 131 40.8 33.8 50.8
 130 1.9 2.1 3.1#
 166 28.7 22.3 33.5

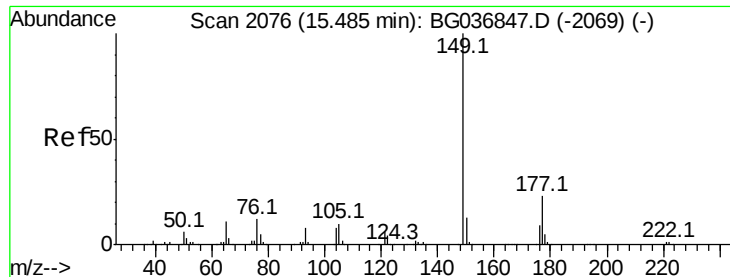


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



Time--> 15.20 15.30 15.40

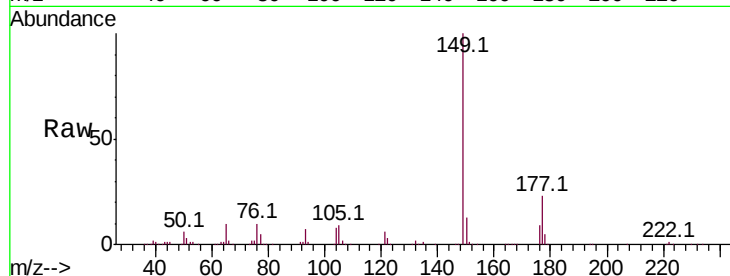




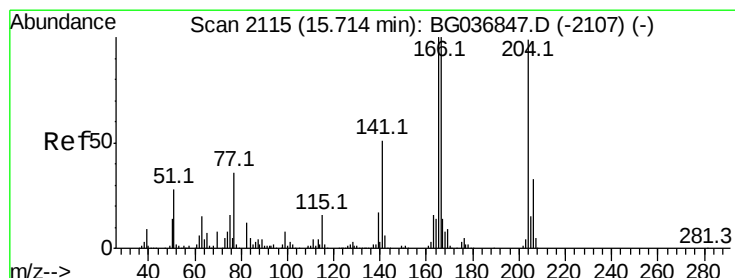
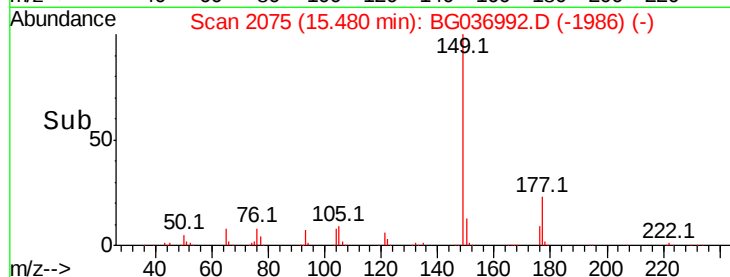
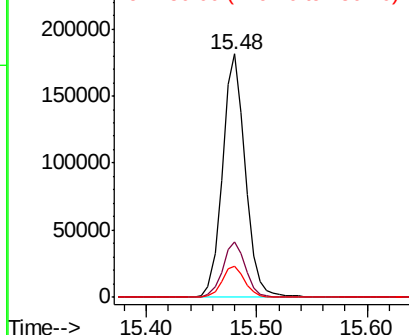
#59
Diethylphthalate
Concen: 29.012 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 262247
Ion Ratio Lower Upper
149 100
177 23.0 19.1 28.7
150 12.7 10.7 16.1

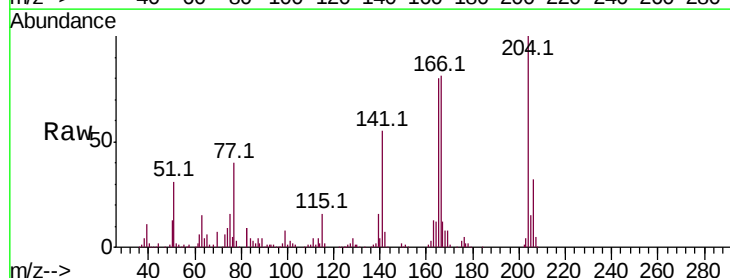


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

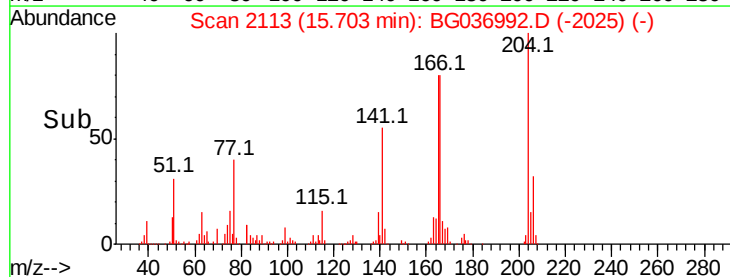
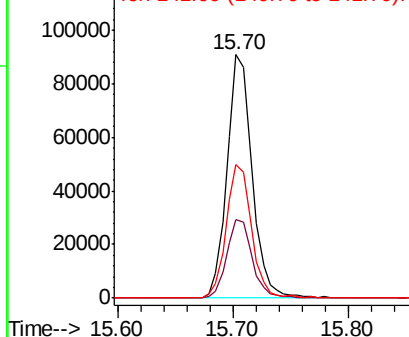


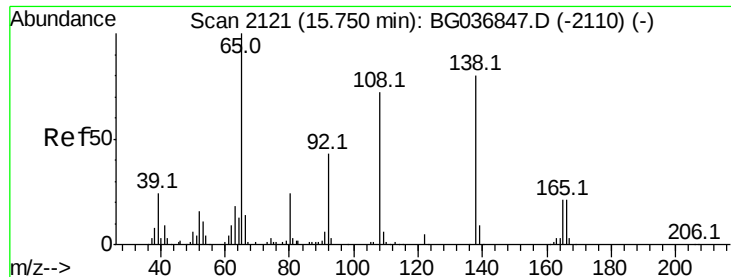
#60
4-Chlorophenyl-phenylether
Concen: 26.842 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:204 Resp: 136486
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 54.7 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

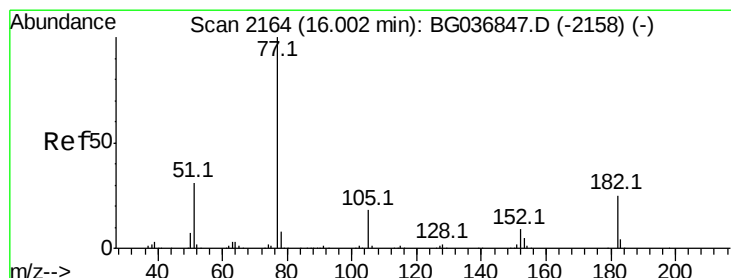
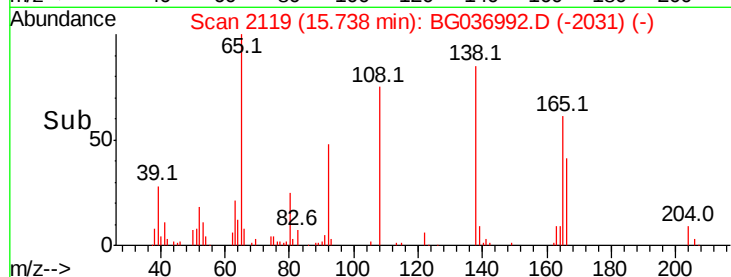
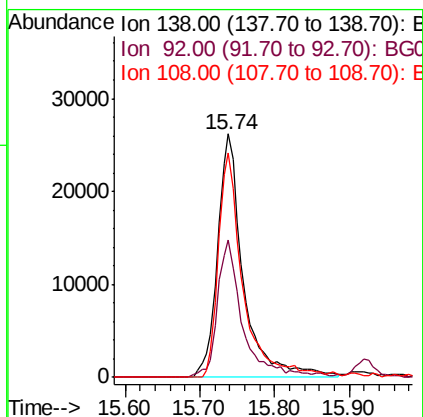
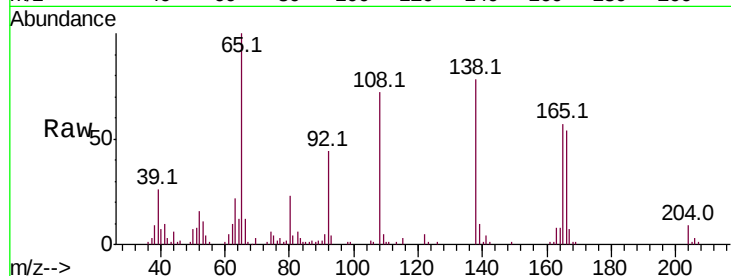




#61
4-Nitroaniline
Concen: 28.940 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

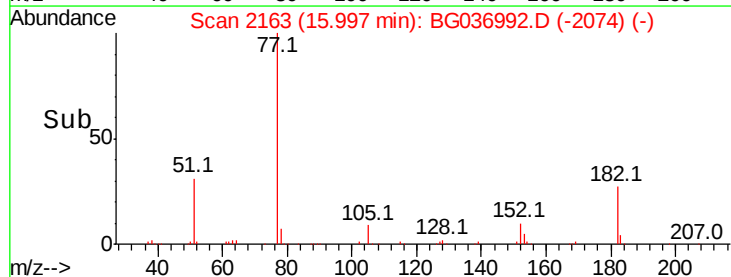
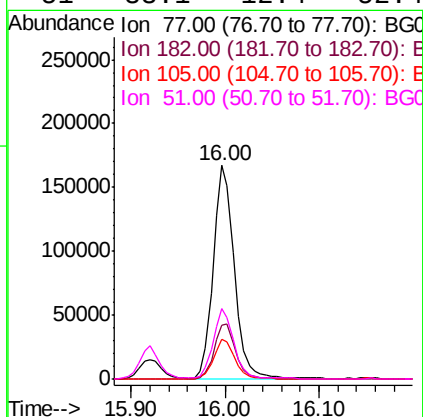
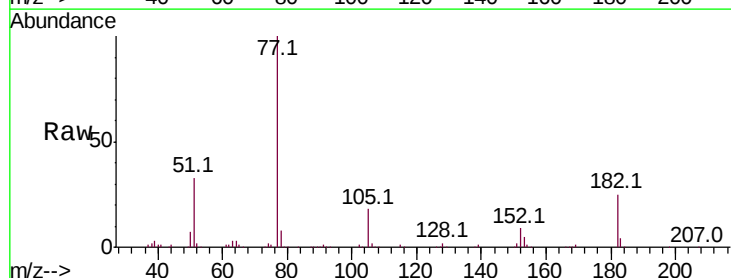
Instrument :
BNA_G
ClientSampleId :

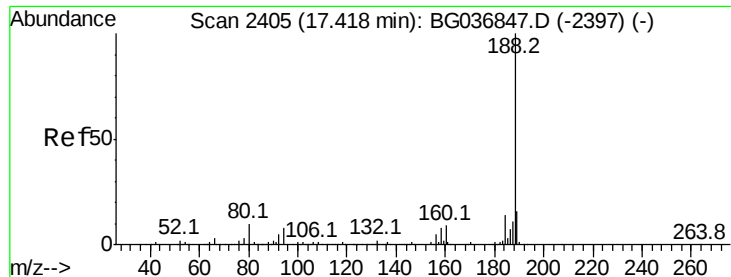
Tot Ion:138 Resp: 62723
Ion Ratio Lower Upper
138 100
92 56.5 38.5 78.5
108 92.2 70.3 110.3



#62
Azobenzene
Concen: 30.123 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion: 77 Resp: 261630
Ion Ratio Lower Upper
77 100
182 25.2 6.7 46.7
105 18.4 0.0 39.8
51 33.1 12.4 52.4

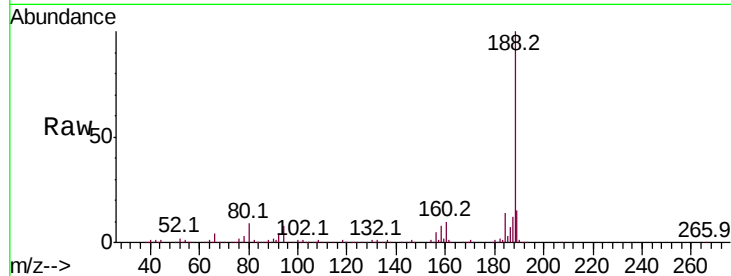




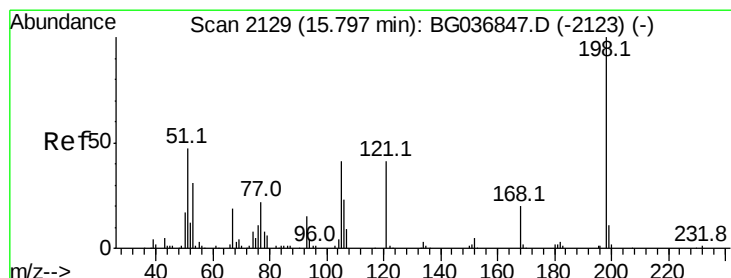
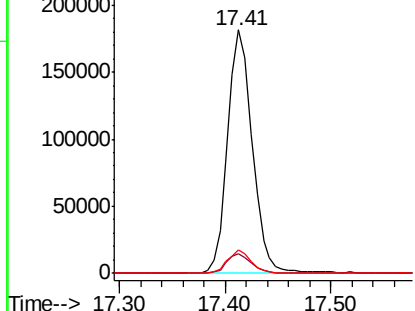
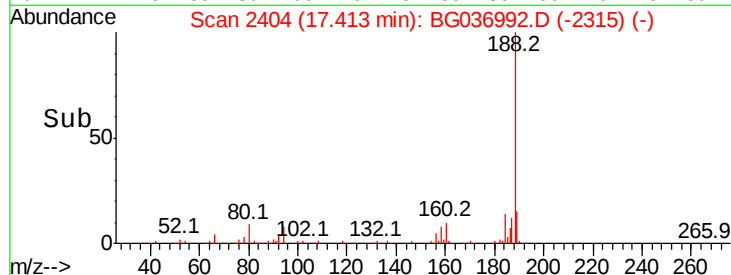
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 293841
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.4 8.1 12.1

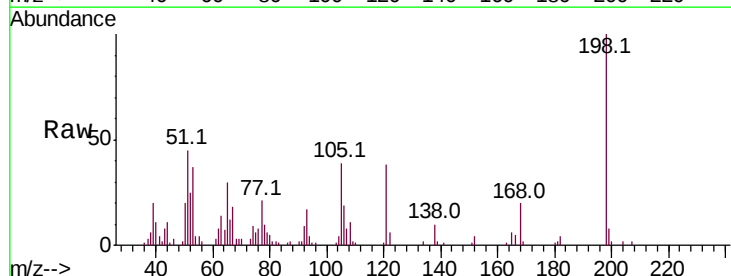


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

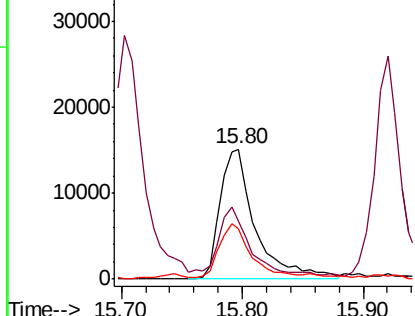
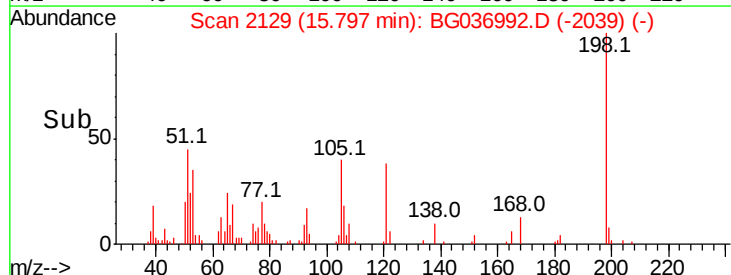


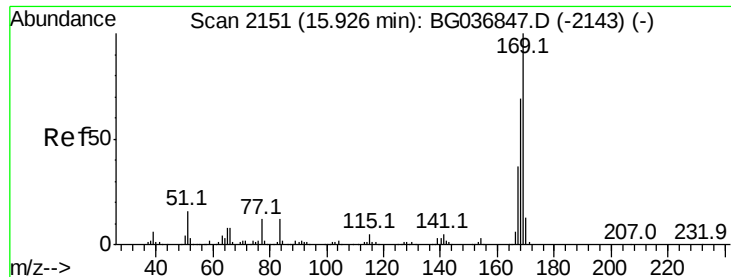
#64
4,6-Dinitro-2-methylphenol
Concen: 19.870 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion:198 Resp: 30525
Ion Ratio Lower Upper
198 100
51 44.7 26.5 66.5
105 39.2 20.2 60.2



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

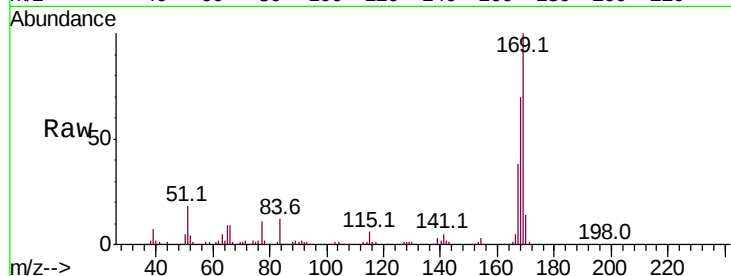




#65
n-Nitrosodiphenylamine
Concen: 27.805 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.6	86.4
167	37.7	31.0	46.4

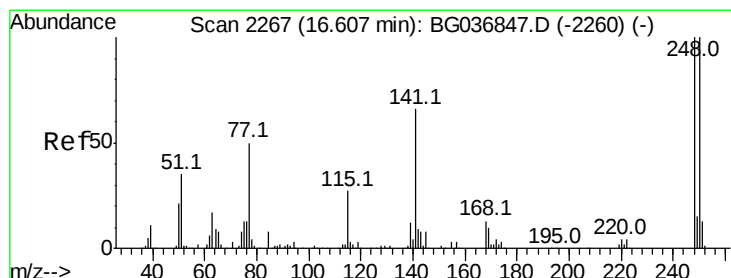
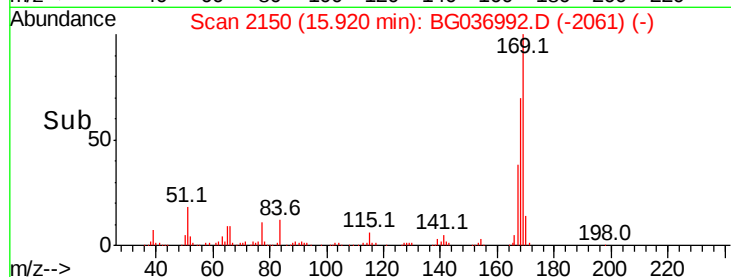
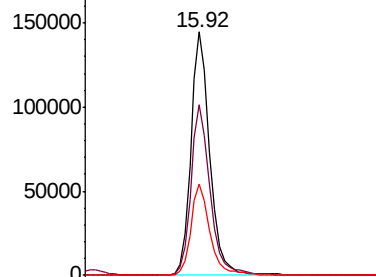


Abundance

Ion 169.00 (168.70 to 169.70): E

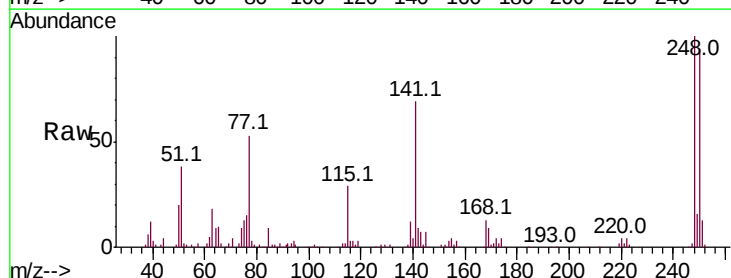
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 26.997 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.7	78.1	117.1
141	68.5	53.7	80.5

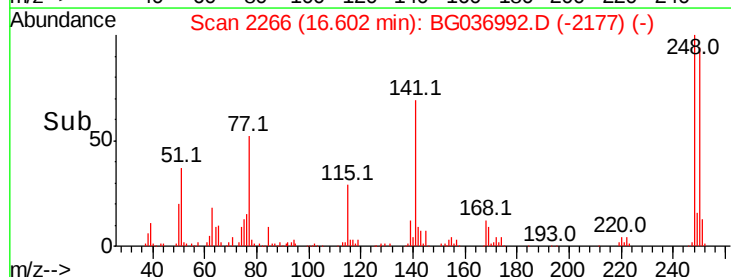
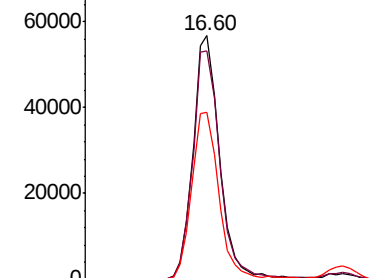


Abundance

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: 26.250 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

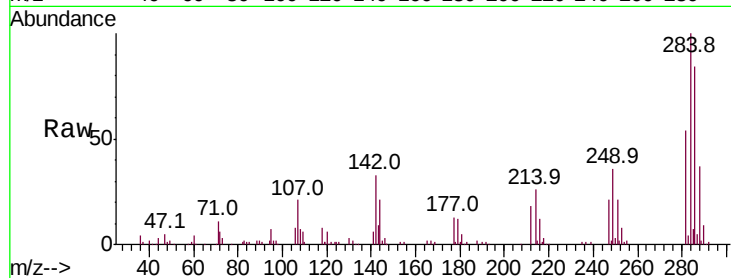
Tot Ion:284 Resp: 90362

Ion Ratio Lower Upper

284 100

142 33.0 27.8 41.6

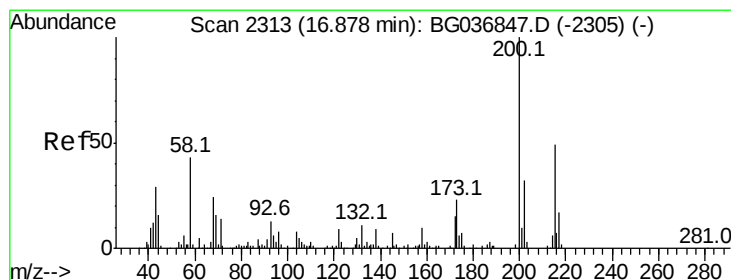
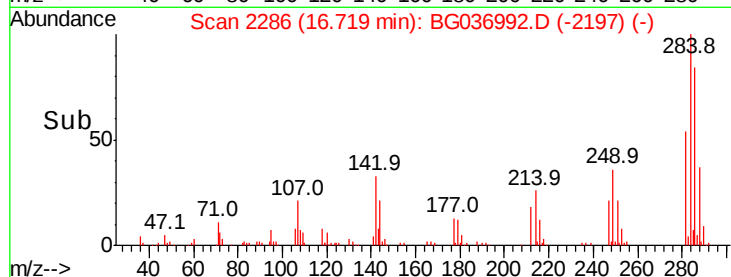
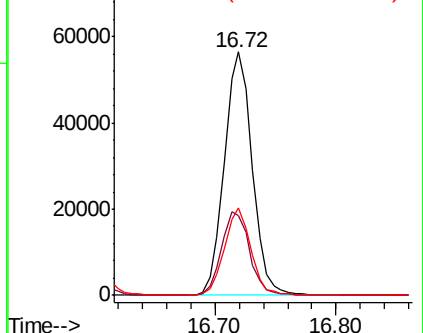
249 35.7 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 29.091 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

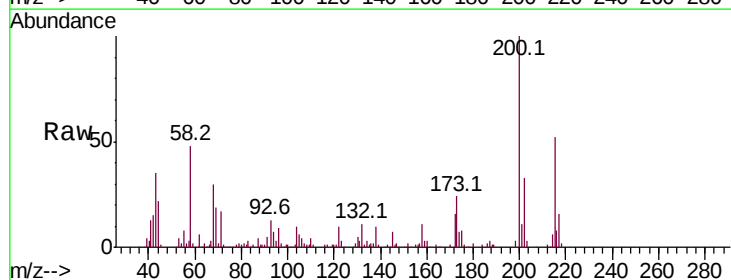
Tgt Ion:200 Resp: 95555

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

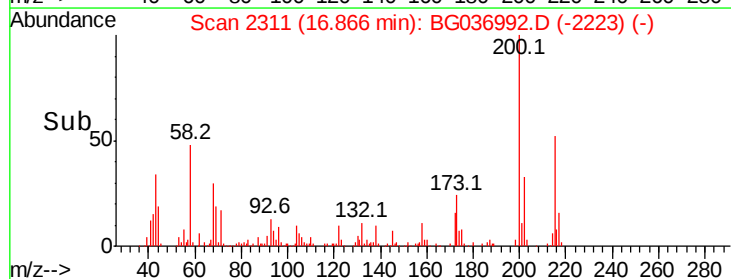
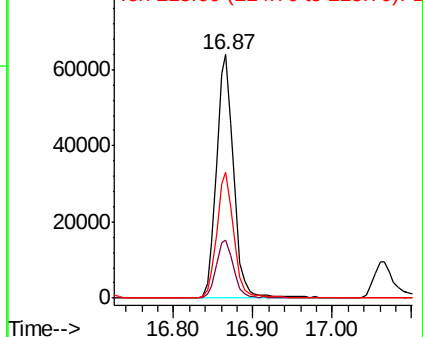
215 51.7 30.4 70.4

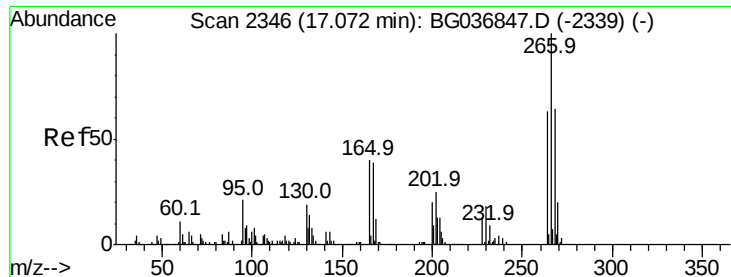


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

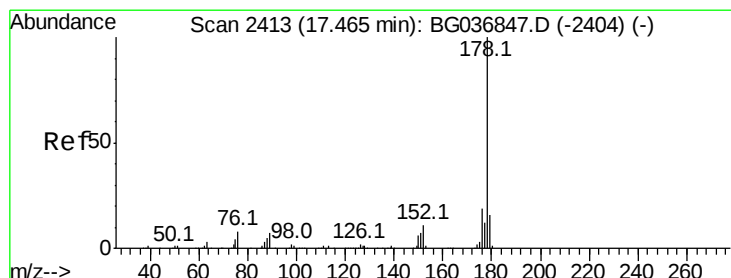
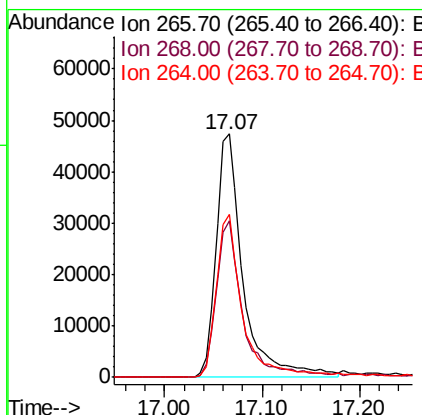
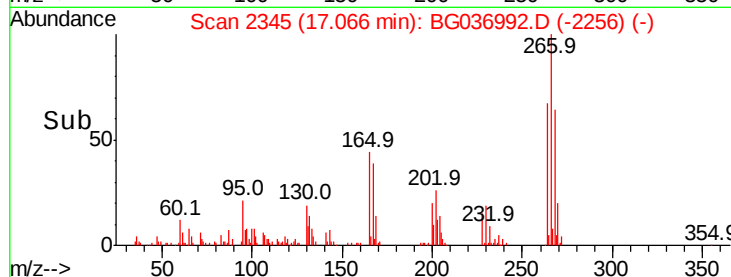
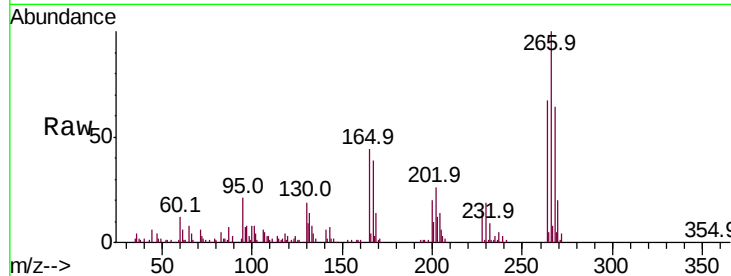




#69
 Pentachlorophenol
 Concen: 41.726 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

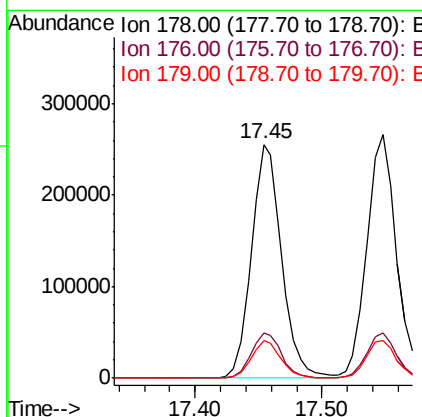
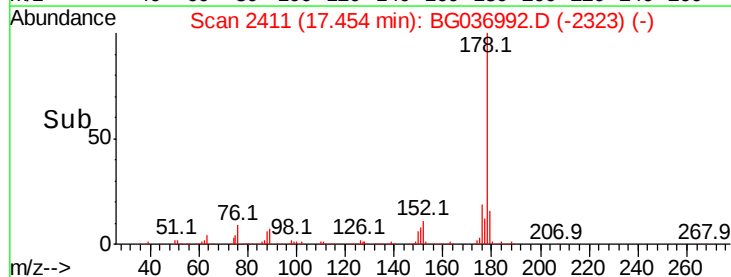
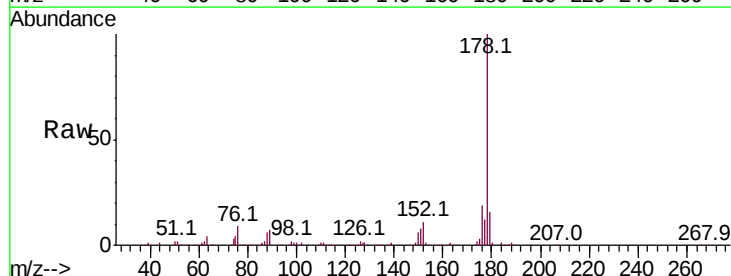
Instrument :
 BNA_G
 ClientSampled :

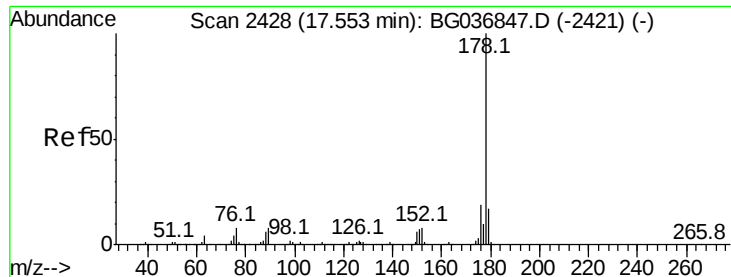
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.4	77.2
264	66.9	48.9	73.3



#70
 Phenanthrene
 Concen: 29.880 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	13.4	20.2

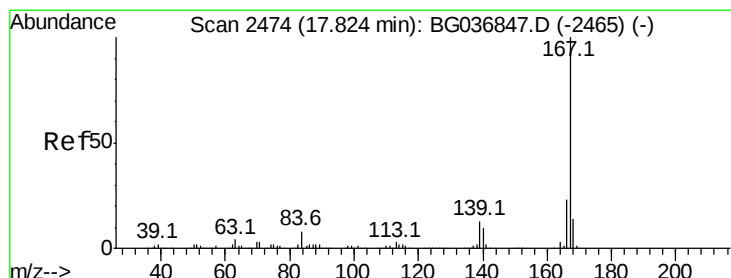
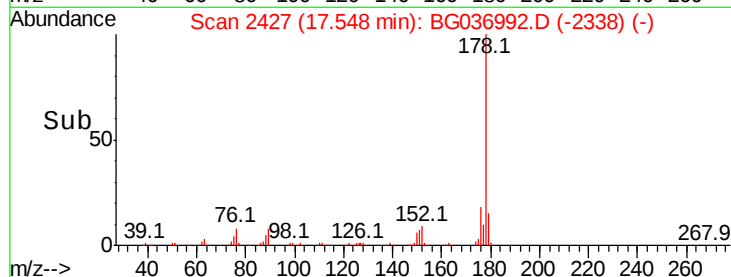
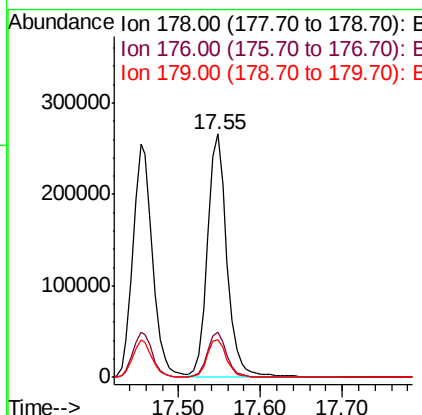
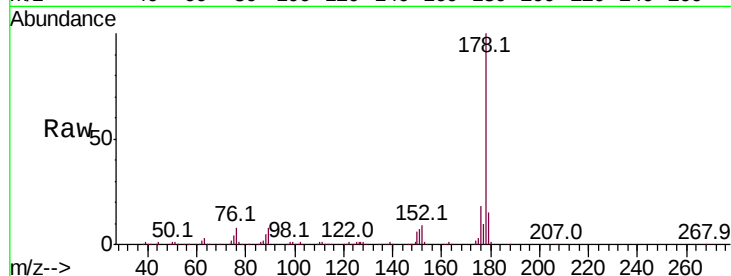




#71
 Anthracene
 Concen: 31.340 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

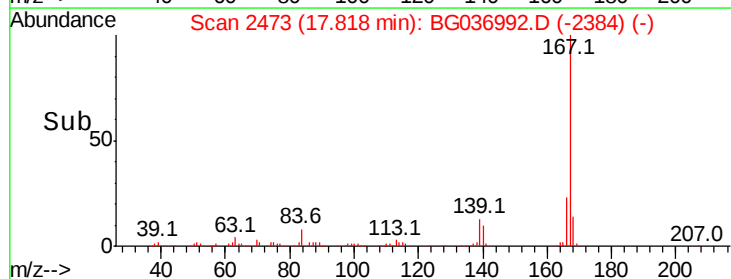
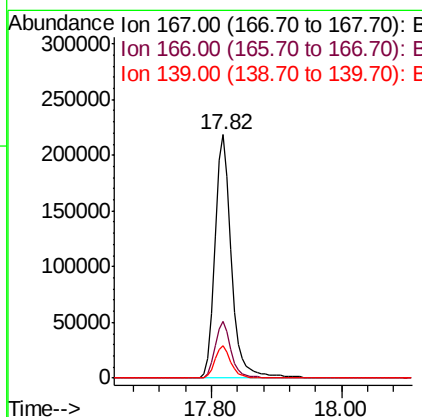
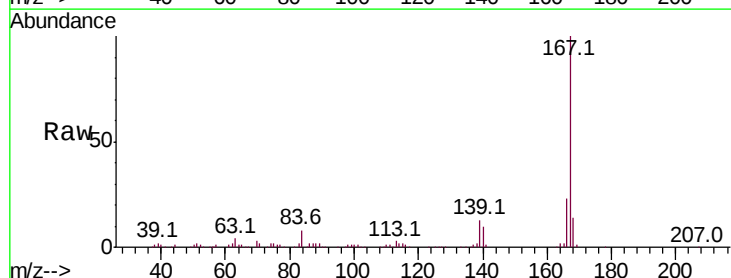
Instrument :
 BNA_G
 ClientSampleId :

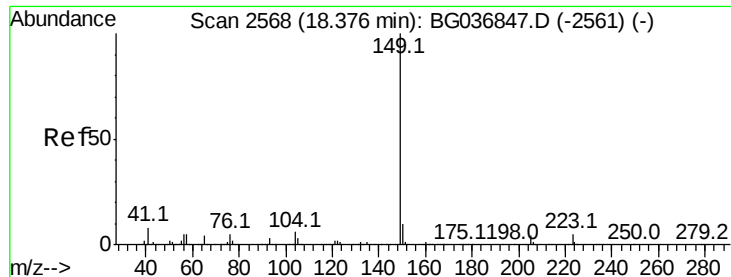
Tot Ion:178 Resp: 438815
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.2 13.0 19.4



#72
 Carbazole
 Concen: 28.084 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion:167 Resp: 383395
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.5 29.3
 139 13.3 10.7 16.1

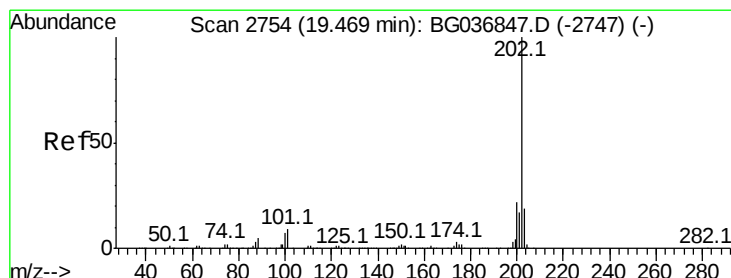
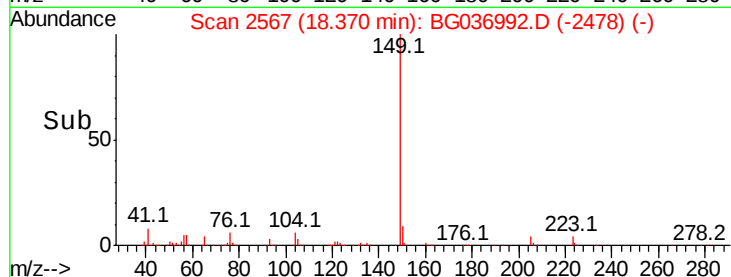
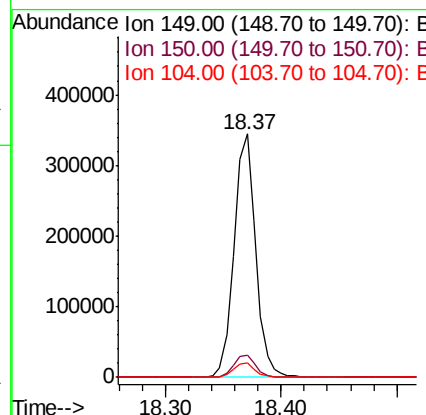
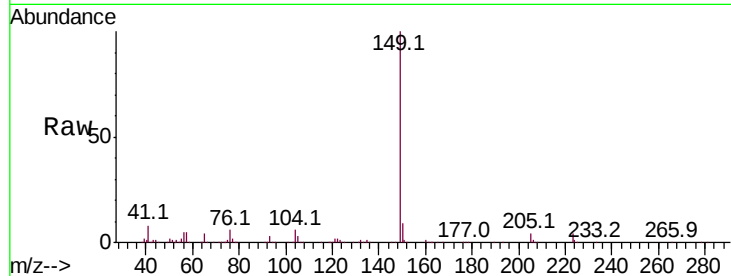




#73
Di-n-butylphthalate
Concen: 29.396 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

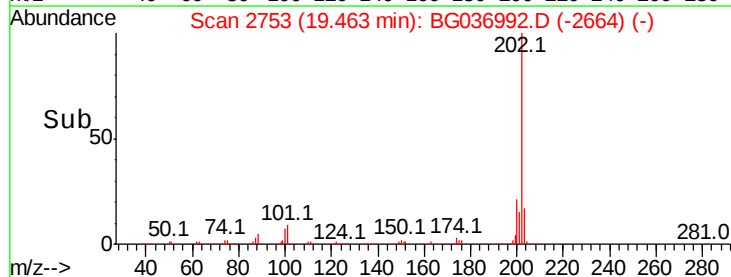
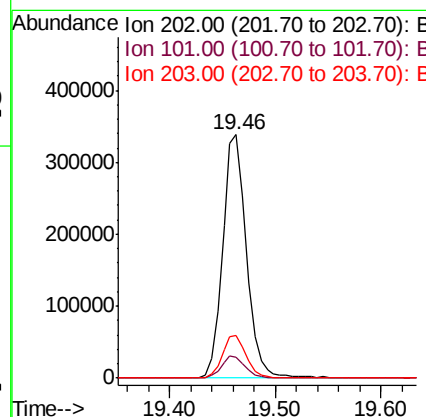
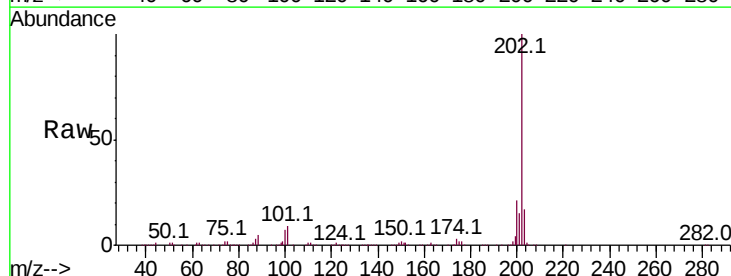
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	6.0	4.6	6.8



#74
Fluoranthene
Concen: 31.205 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.4
203	17.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

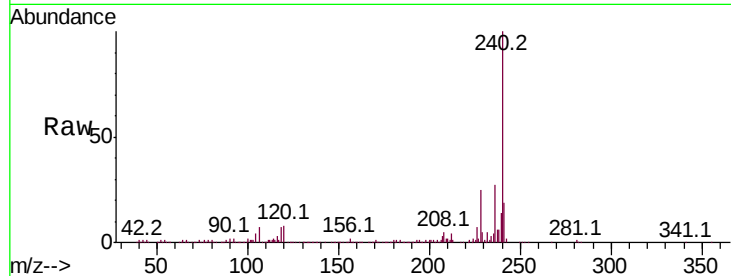
Tot Ion:240 Resp: 302235

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

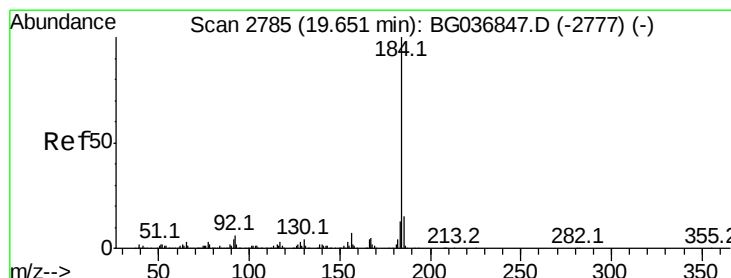
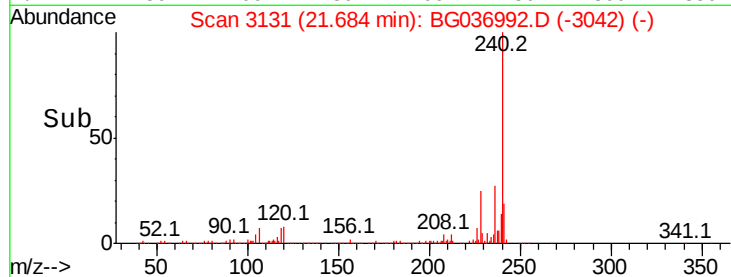
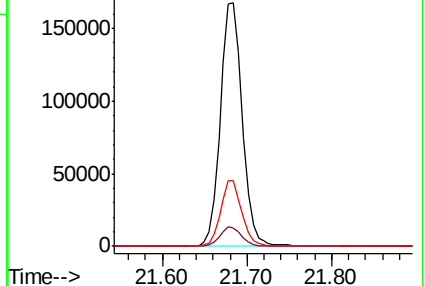
236 26.7 21.2 31.8



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: 29.216 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

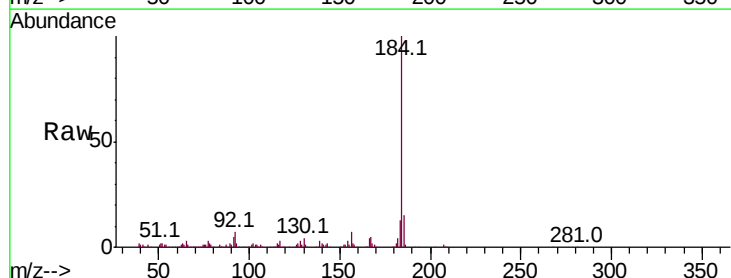
Tgt Ion:184 Resp: 266928

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

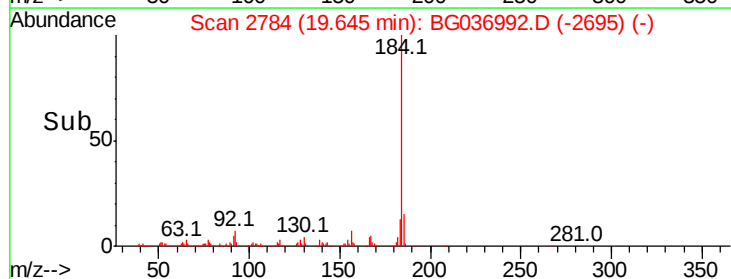
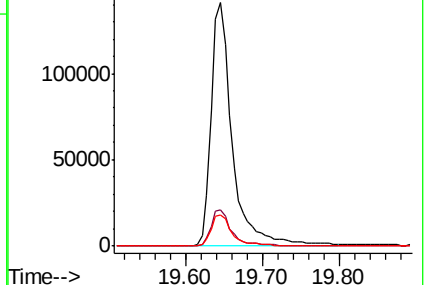
183 12.8 10.9 16.3

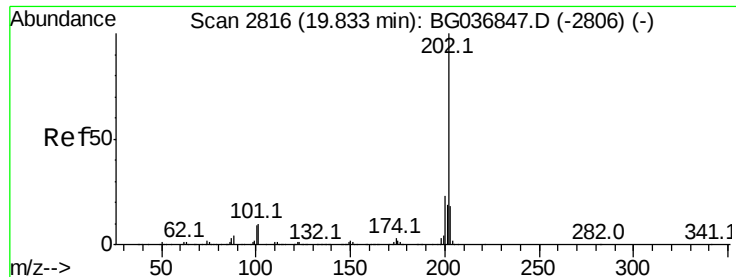


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.912 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

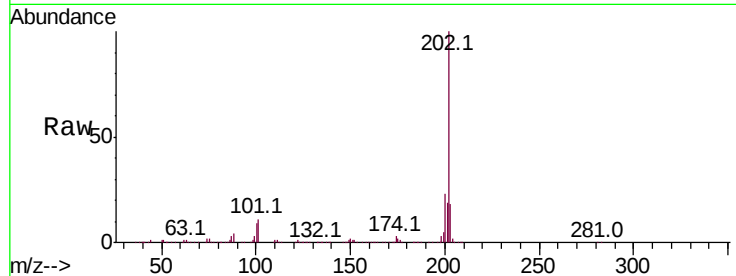
Tot Ion:202 Resp: 524359

Ion Ratio Lower Upper

202 100

200 22.5 18.3 27.5

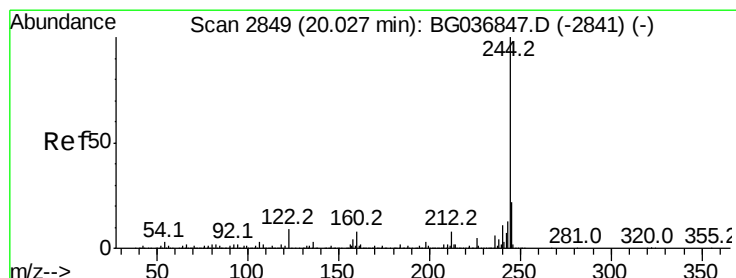
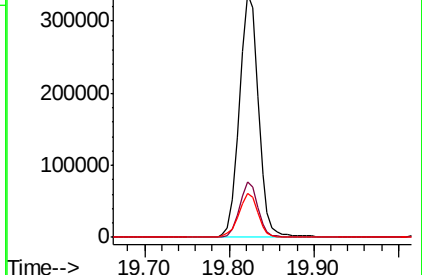
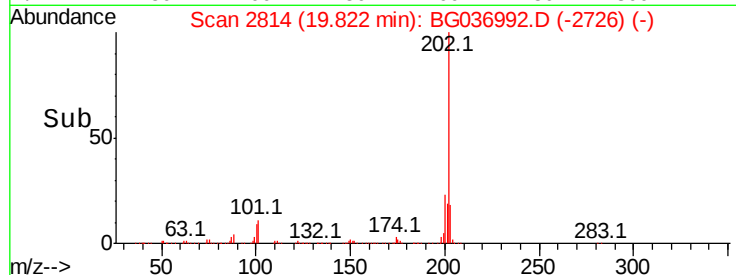
203 18.0 15.1 22.7



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: 56.104 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

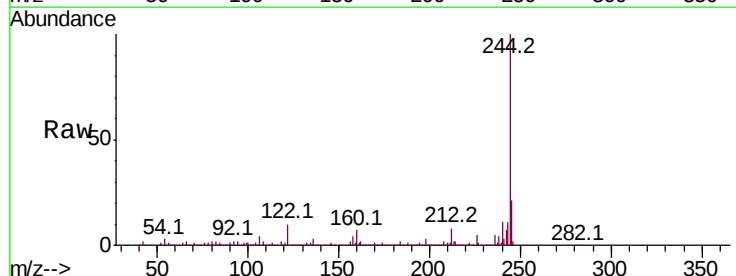
Tgt Ion:244 Resp: 644865

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

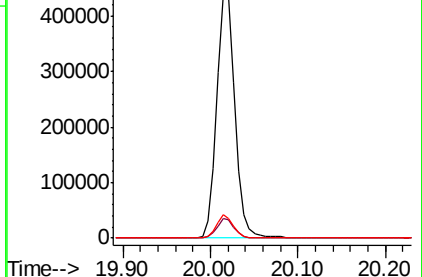
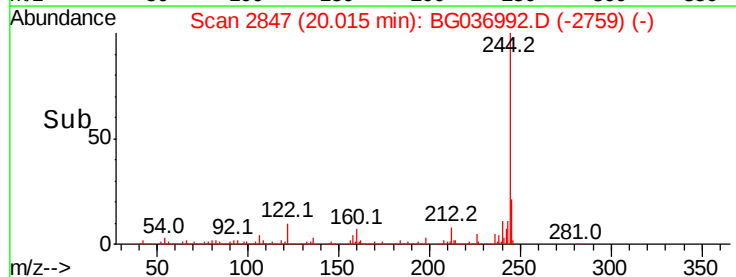
122 9.5 7.1 10.7

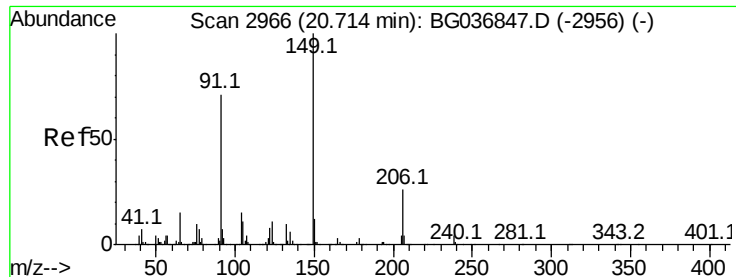


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

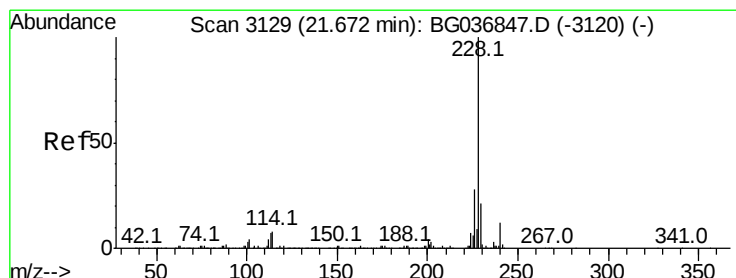
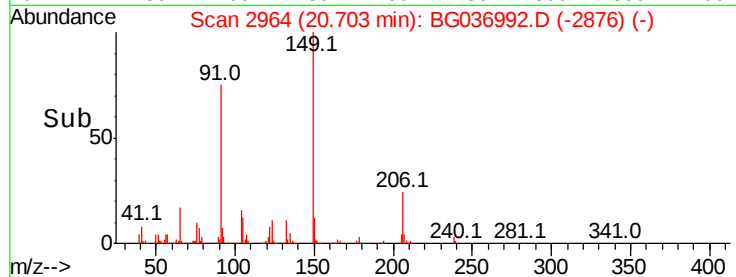
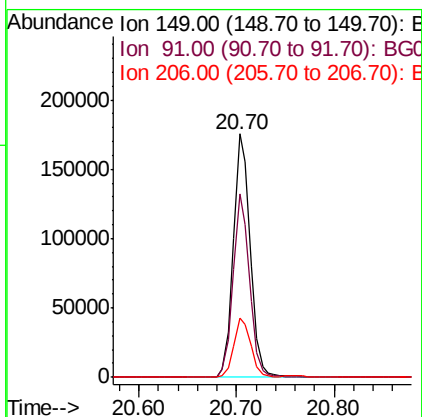
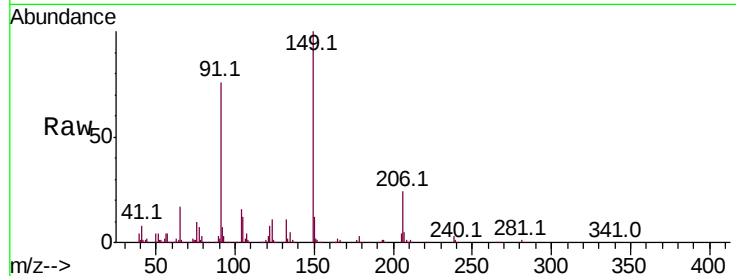




#79
Butylbenzylphthalate
Concen: 29.146 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

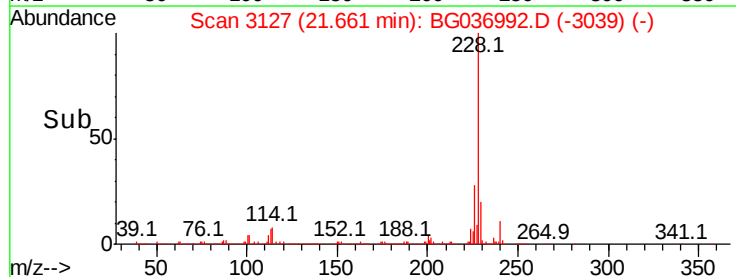
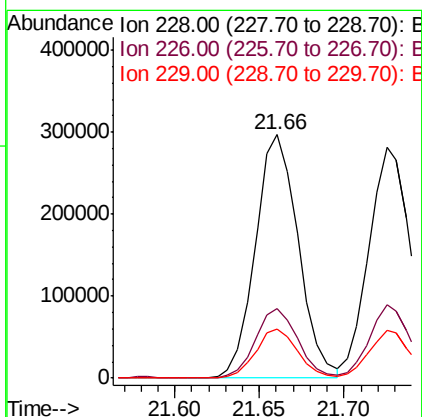
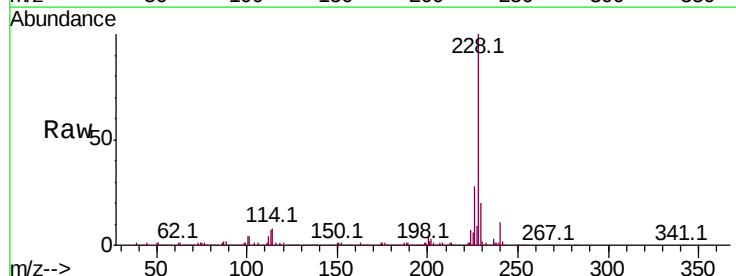
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	62.0	93.0
206	24.1	19.6	29.4



#80
Benzo(a)anthracene
Concen: 29.716 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036992.D
Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.3	17.1	25.7

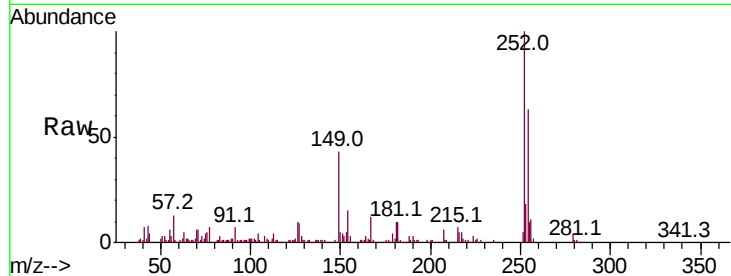




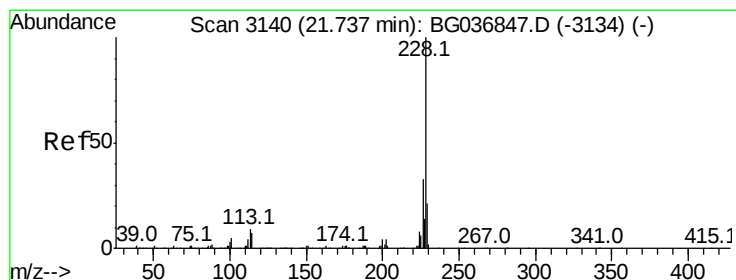
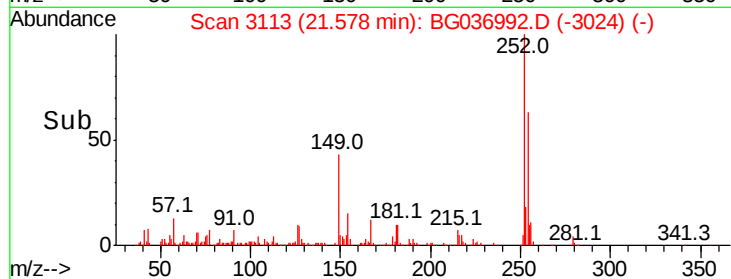
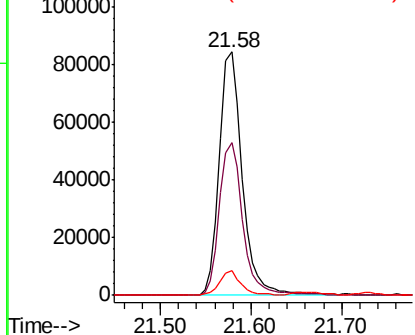
#81
 3,3'-Dichlorobenzidine
 Concen: 22.157 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 148794
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.0 76.4
 126 10.2 7.4 11.0

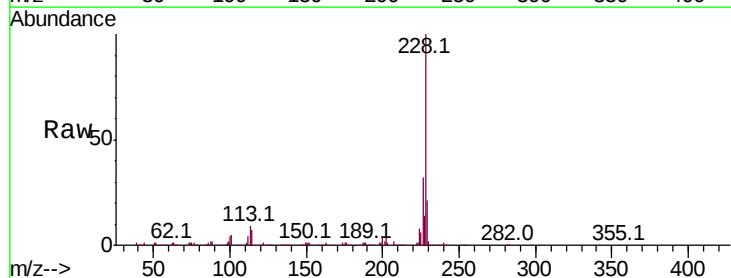


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

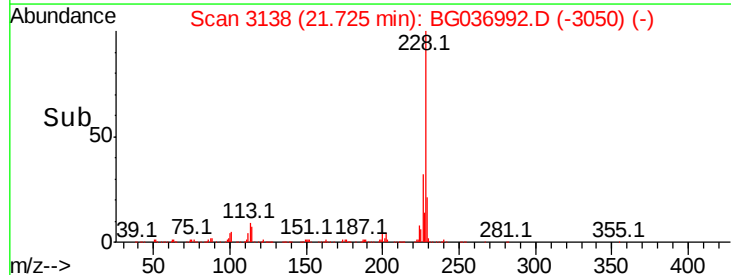
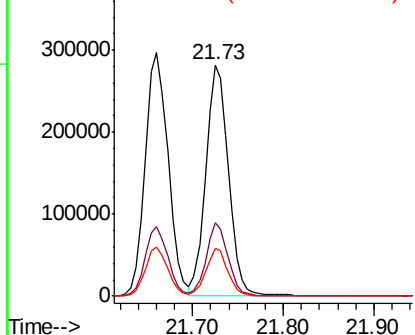


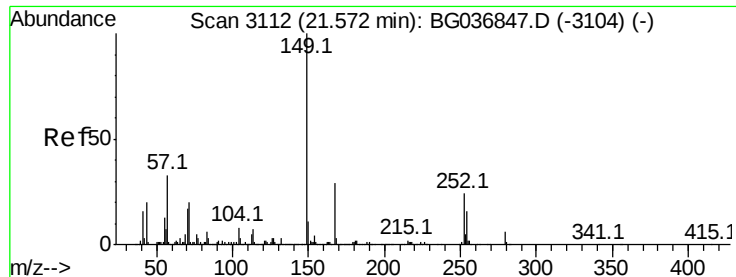
#82
 Chrysene
 Concen: 28.793 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion:228 Resp: 490817
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.5 38.3
 229 20.6 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: 28.696 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampled :

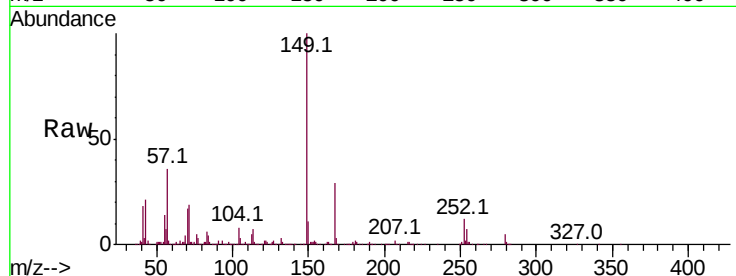
Tot Ion:149 Resp: 289794

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

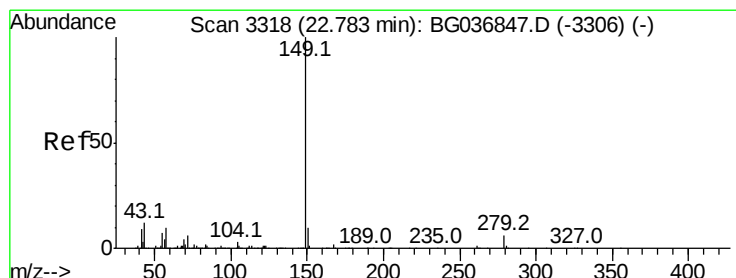
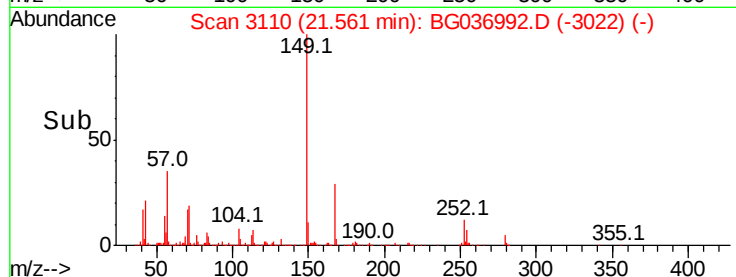
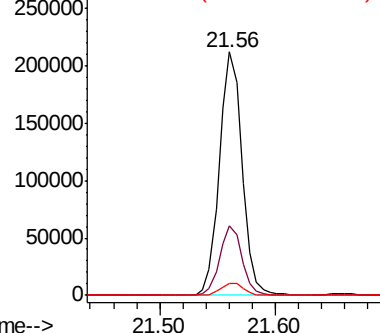
279 5.0 4.6 7.0



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: 29.319 ng

RT: 22.77 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

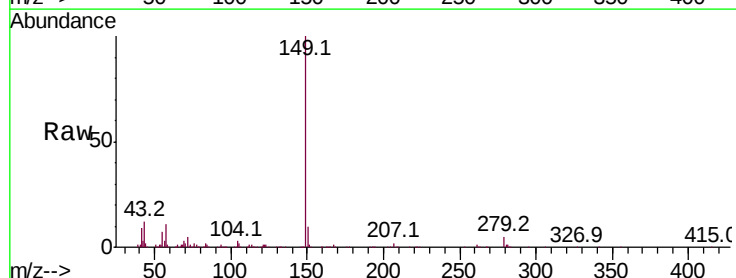
Tgt Ion:149 Resp: 487509

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

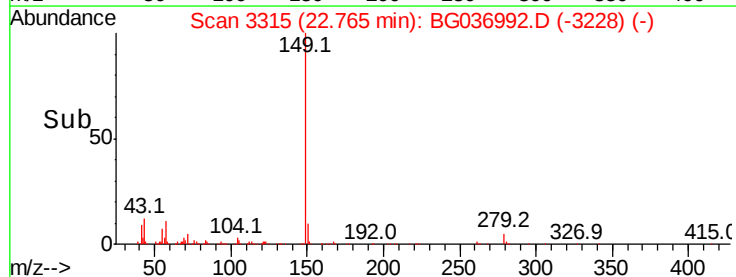
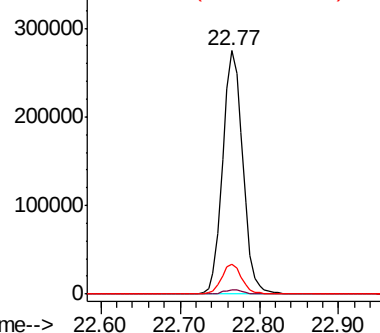
43 12.2 10.0 15.0

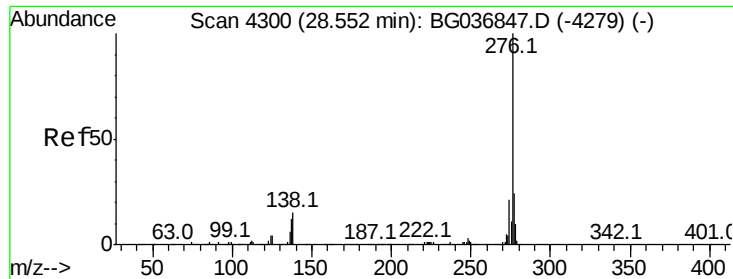


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

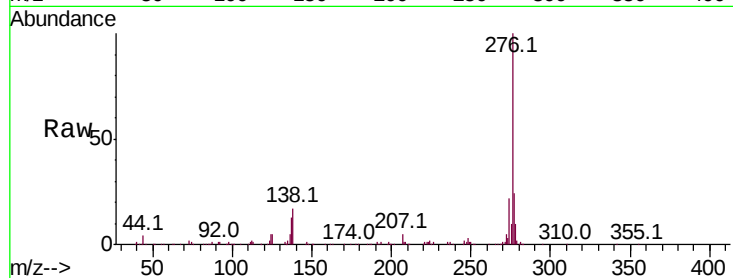




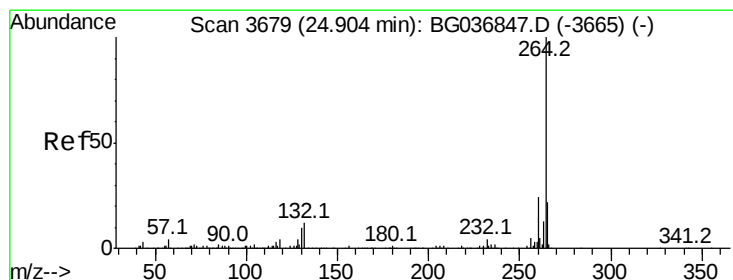
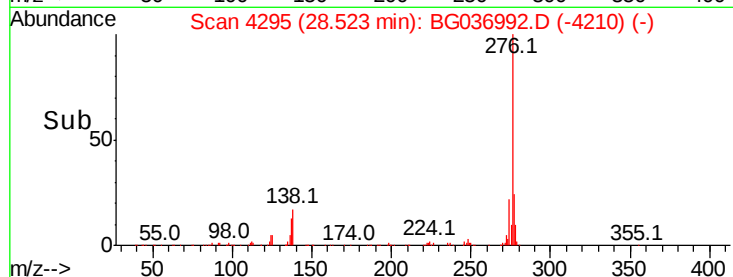
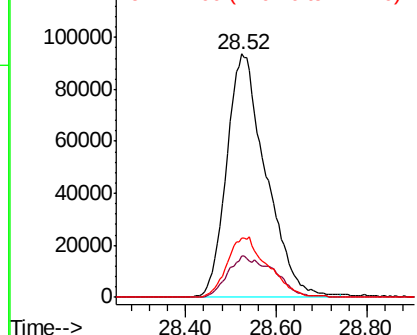
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.774 ng
 RT: 28.52 min Scan# 4295
 Delta R.T. -0.03 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	10.6	15.8#
277	25.4	20.6	30.8

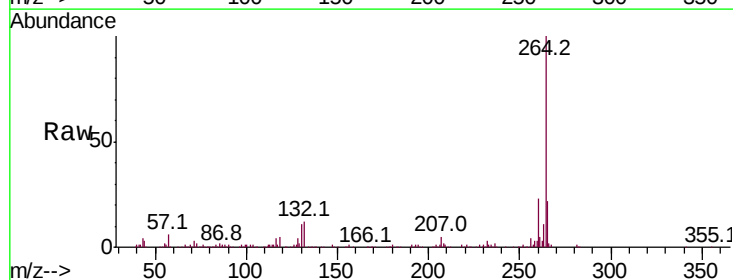


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

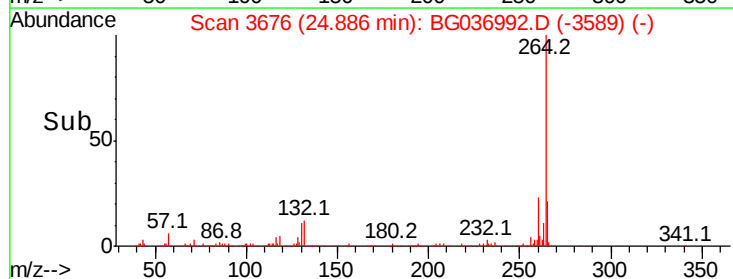
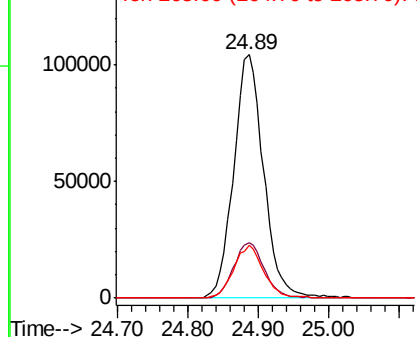


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036992.D
 Acq: 26 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.7	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 30.130 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

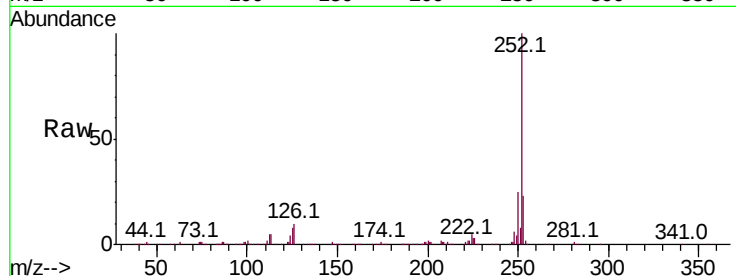
Tot Ion:252 Resp: 493514

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

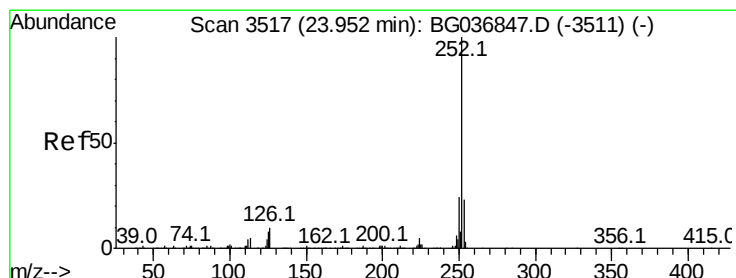
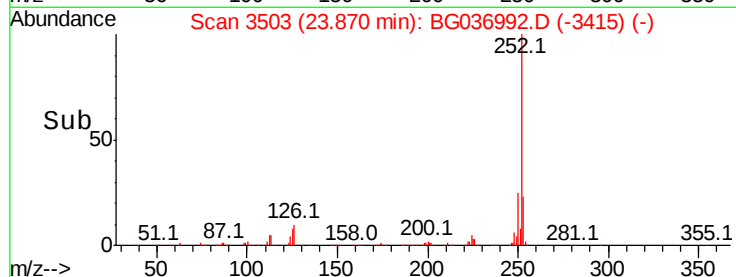
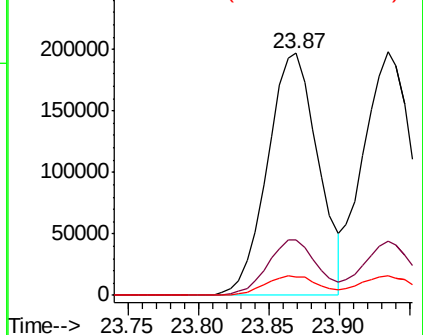
125 7.8 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.259 ng

RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

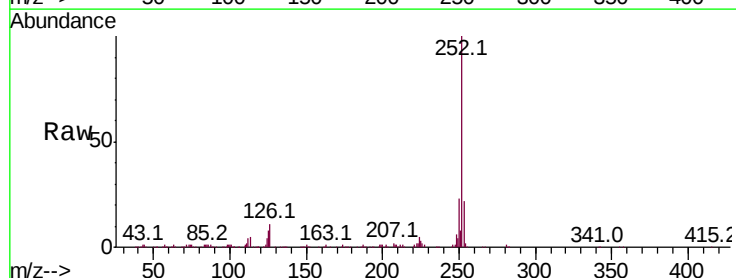
Tgt Ion:252 Resp: 497253

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

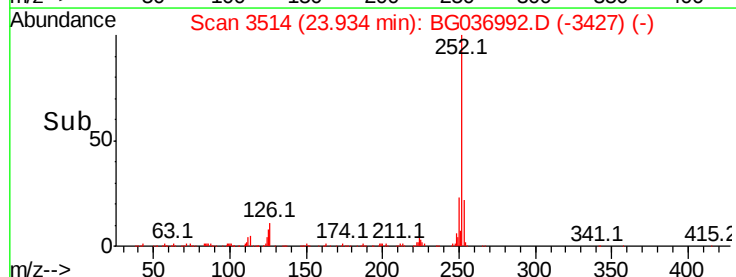
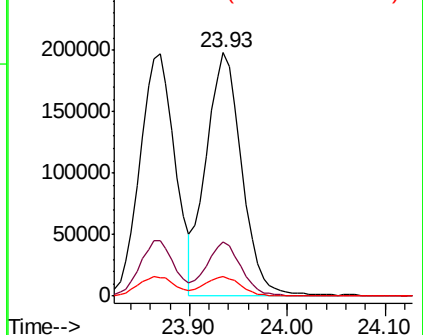
125 8.1 7.0 10.6

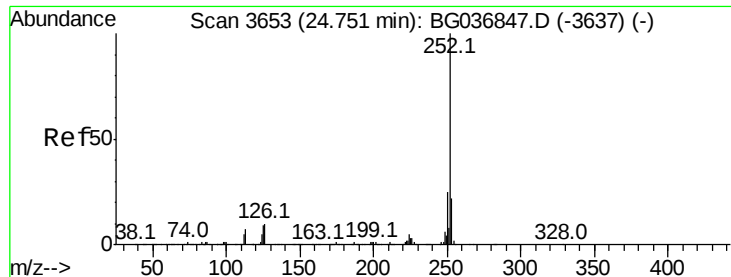


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.666 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

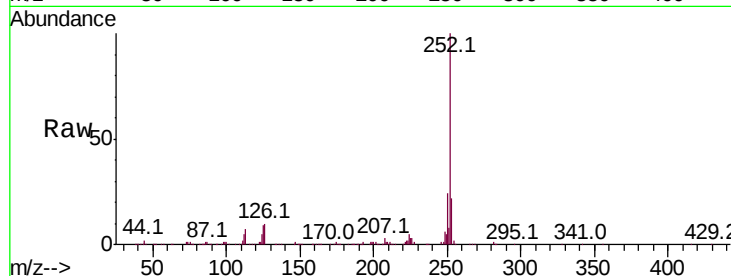
Tot Ion:252 Resp: 485601

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

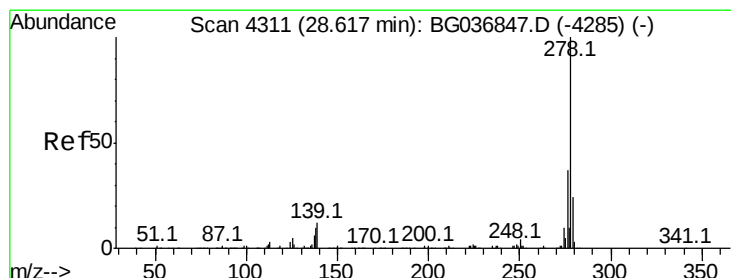
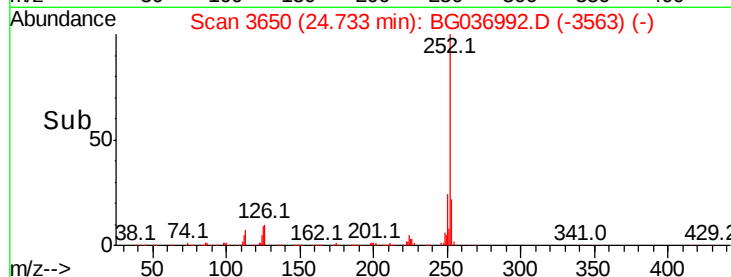
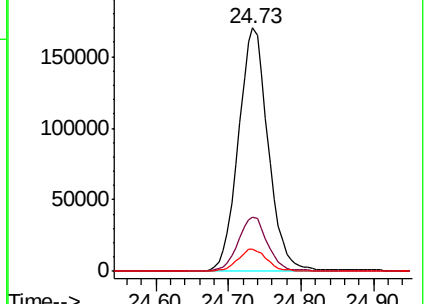
125 9.3 7.3 10.9



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: 30.890 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

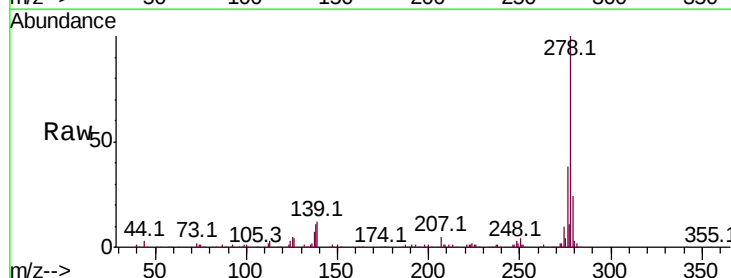
Tgt Ion:278 Resp: 458437

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.4

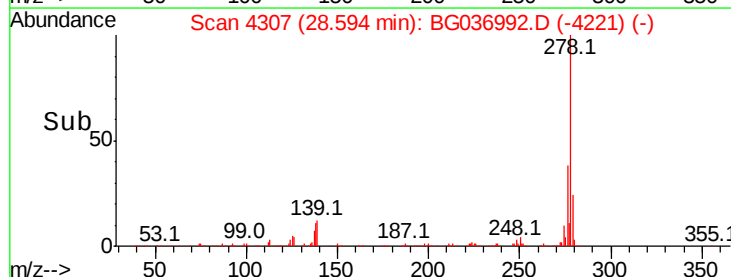
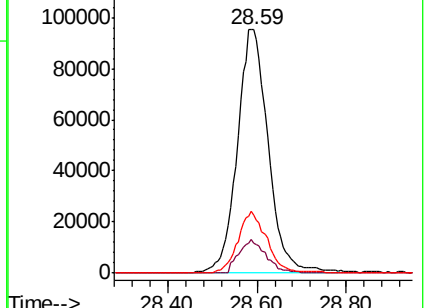
279 23.7 18.7 28.1

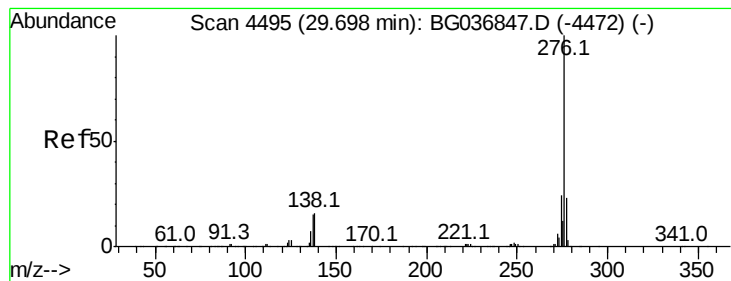


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.394 ng

RT: 29.67 min Scan# 4490

Delta R.T. -0.03 min

Lab File: BG036992.D

Acq: 26 Sep 2018 21:46

Instrument :

BNA_G

ClientSampleId :

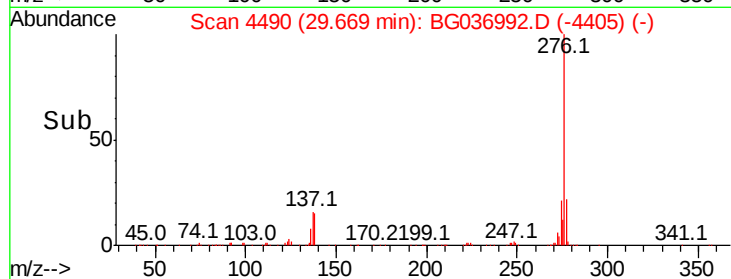
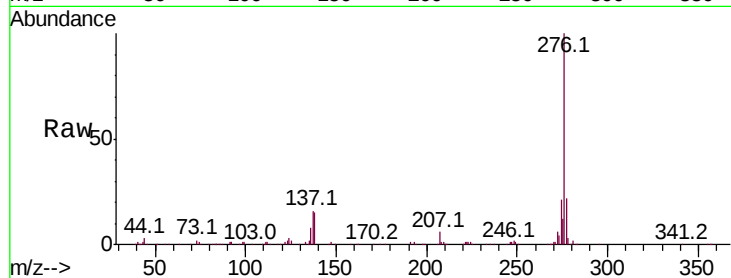
Tot Ion:276 Resp: 467602

Ion Ratio Lower Upper

276 100

277 22.3 18.4 27.6

138 15.4 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

