

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035207.D
 Acq On : 16 Jun 2018 14:22
 Operator : SJ/JU
 Sample : J3504-04MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 01:19:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44319	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	176184	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	134840	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	363857	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	378745	20.00	ng	-0.02
86) Perylene-d12	24.92	264	367091	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	376567	143.39	ng	0.00
7) Phenol-d6	7.22	99	516400	133.23	ng	0.00
23) Nitrobenzene-d5	9.22	82	412890	111.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	311697	180.58	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	941128	90.73	ng	-0.02
78) Terphenyl-d14	20.03	244	1794450	99.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	37718	30.103	ng	# 76
3) Pyridine	3.96	79	110722	32.751	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	50079	34.480	ng	# 74
6) Aniline	7.38	93	67414	13.455	ng	95
8) 2-Chlorophenol	7.63	128	129813	47.158	ng	98
9) Benzaldehyde	7.20	77	89183	29.871	ng	95
10) Phenol	7.25	94	166787	41.580	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	134492	43.198	ng	88
12) 1,3-Dichlorobenzene	7.95	146	141339	43.033	ng	95
13) 1,4-Dichlorobenzene	8.10	146	142705	42.089	ng	98
14) 1,2-Dichlorobenzene	8.42	146	139208	43.711	ng	98
15) Benzyl Alcohol	8.30	79	164659	44.833	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	153242	49.453	ng	78
17) 2-Methylphenol	8.49	107	131753	49.820	ng	# 93
18) Hexachloroethane	9.15	117	50910	41.942	ng	86
19) n-Nitroso-di-n-propylamine	8.87	70	135527	41.156	ng	# 83
20) 3+4-Methylphenols	8.82	107	181924	47.993	ng	95
22) Acetophenone	8.88	105	243069	44.537	ng	# 90
24) Nitrobenzene	9.26	77	195421	51.488	ng	96
25) Isophorone	9.79	82	386372	49.374	ng	99
26) 2-Nitrophenol	9.98	139	78325	59.869	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	145731	52.995	ng	92
28) bis(2-Chloroethoxy)methane	10.27	93	200715	47.729	ng	96
29) 2,4-Dichlorophenol	10.51	162	166884	55.774	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	169476	47.236	ng	98
31) Naphthalene	10.92	128	444854	48.604	ng	99
32) Benzoic acid	10.16	122	70831	38.455	ng	98
33) 4-Chloroaniline	11.03	127	10218	2.571	ng	# 85
34) Hexachlorobutadiene	11.20	225	127286	45.617	ng	95
35) Caprolactam	11.80	113	29842	26.986	ng	# 65
36) 4-Chloro-3-methylphenol	12.14	107	209841	56.260	ng	94
37) 2-Methylnaphthalene	12.52	142	352473	50.795	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	232762	46.344	ng	98
40) Hexachlorocyclopentadiene	12.87	237	289271	91.844	ng	90

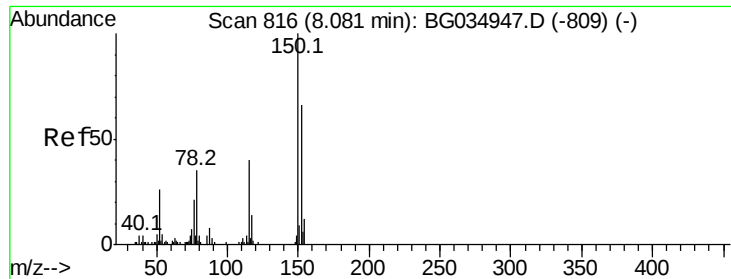
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	161188	53.597	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	178182	53.981	nq	98
45) 1,1'-Biphenyl	13.52	154	488914	45.092	nq	97
46) 2-Chloronaphthalene	13.56	162	386920	47.199	nq	98
47) 2-Nitroaniline	13.76	65	141284	58.365	nq	94
48) Acenaphthylene	14.41	152	659314	47.965	nq	97
49) Dimethylphthalate	14.14	163	558098	47.464	nq	99
50) 2,6-Dinitrotoluene	14.26	165	130043	60.622	nq	90
51) Acenaphthene	14.75	154	406253	45.234	nq	98
52) 3-Nitroaniline	14.58	138	30580	14.528	nq	# 88
53) 2,4-Dinitrophenol	14.79	184	78907	90.891	nq	# 65
54) Dibenzofuran	15.09	168	648343	48.201	nq	94
55) 4-Nitrophenol	14.89	139	145986	82.176	nq	89
56) 2,4-Dinitrotoluene	15.04	165	185442	65.077	nq	89
57) Fluorene	15.73	166	536020	47.683	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	183049	57.084	nq	93
59) Diethylphthalate	15.50	149	564307	47.039	nq	98
60) 4-Chlorophenyl-phenylether	15.72	204	307846	48.025	nq	98
61) 4-Nitroaniline	15.75	138	122047	54.065	nq	# 82
62) Azobenzene	16.01	77	567419	48.267	nq	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	81594	49.116	nq	85
65) n-Nitrosodiphenylamine	15.94	169	488515	44.707	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	216654	49.445	nq	96
67) Hexachlorobenzene	16.73	284	215864	48.402	nq	98
68) Atrazine	16.88	200	221524	47.539	nq	97
69) Pentachlorophenol	17.08	266	219642	73.240	nq	98
70) Phenanthrene	17.47	178	896184	48.486	nq	96
71) Anthracene	17.56	178	907090	48.994	nq	98
72) Carbazole	17.83	167	818795	47.664	nq	97
73) Di-n-butylphthalate	18.39	149	940731	45.946	nq	# 98
74) Fluoranthene	19.47	202	1149960	47.812	nq	97
76) Benzidine	19.65	184	89137	6.326	nq	96
77) Pyrene	19.84	202	1162337	46.552	nq	96
79) Butylbenzylphthalate	20.72	149	430591	47.492	nq	98
80) Benzo(a)anthracene	21.68	228	1174562	48.530	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	123293	13.540	nq	# 94
82) Chrysene	21.75	228	1091697	49.265	nq	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	595083	46.451	nq	98
84) Di-n-octyl phthalate	22.80	149	1020519	46.432	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1131722	43.606	nq	# 84
87) Benzo(b)fluoranthene	23.90	252	1129166	49.949	nq	# 97
88) Benzo(k)fluoranthene	23.97	252	1120988	50.692	nq	# 98
89) Benzo(a)pyrene	24.78	252	1087071	51.104	nq	# 95
90) Dibenzo(a,h)anthracene	28.68	278	882493	42.026	nq	# 94
91) Benzo(g,h,i)perylene	29.75	276	940404	45.761	nq	# 95

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

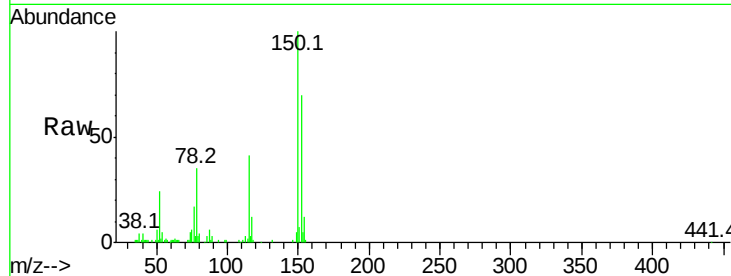


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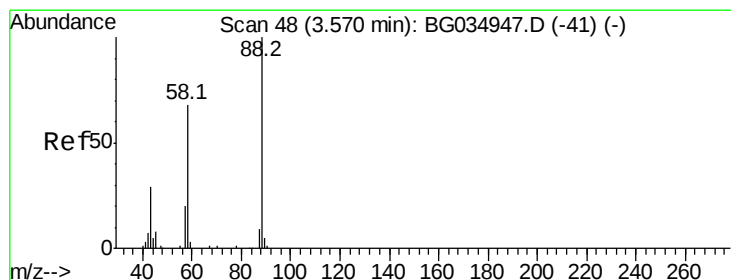
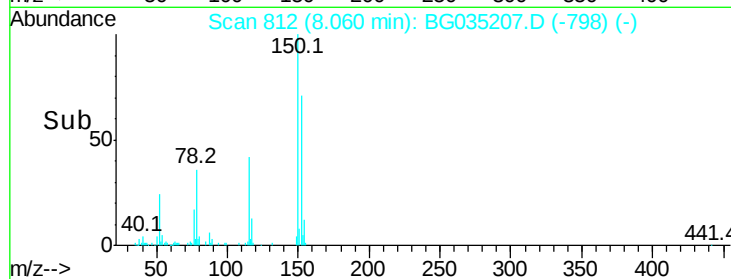
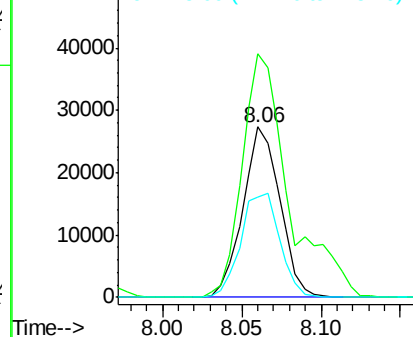
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44319
Ion Ratio Lower Upper
152 100
150 143.1 126.6 189.8
115 59.1 53.0 79.4



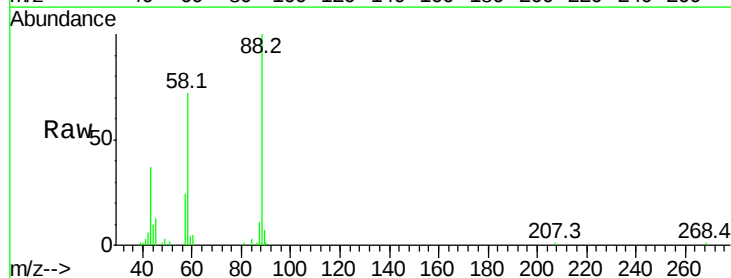
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



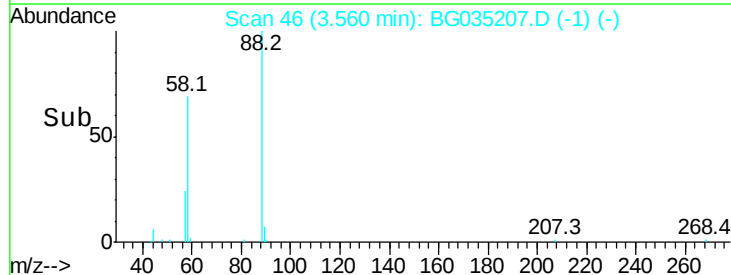
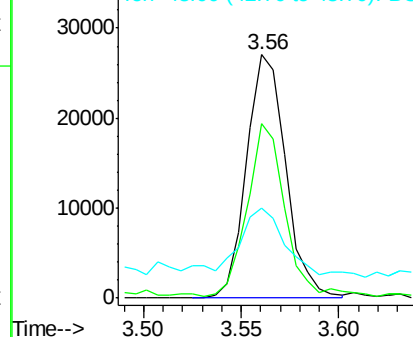
#2

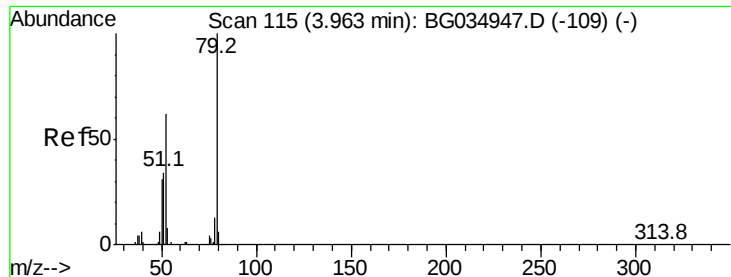
1,4-Dioxane
Concen: 30.103 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion: 88 Resp: 37718
Ion Ratio Lower Upper
88 100
58 67.6 79.6 119.4#
43 33.0 27.4 41.0



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





#3

Pvridine

Concen: 32.751 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

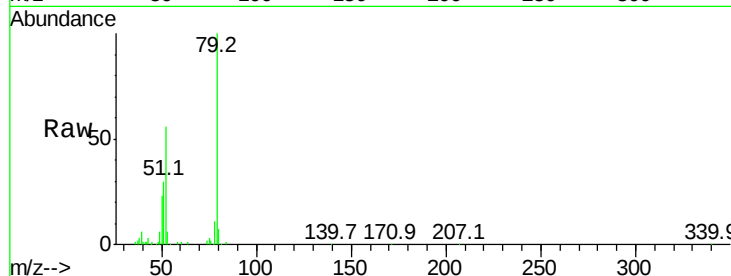
Tot Ion: 79 Resp: 110722

Ion Ratio Lower Upper

79 100

52 56.4 69.9 104.9#

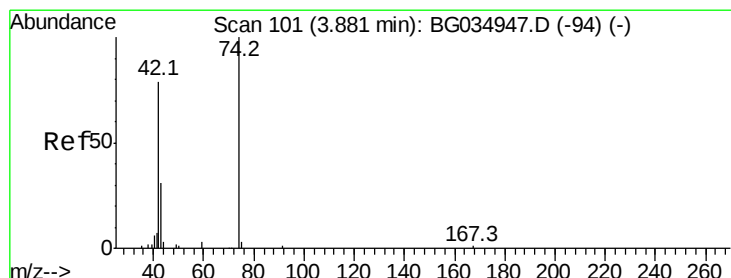
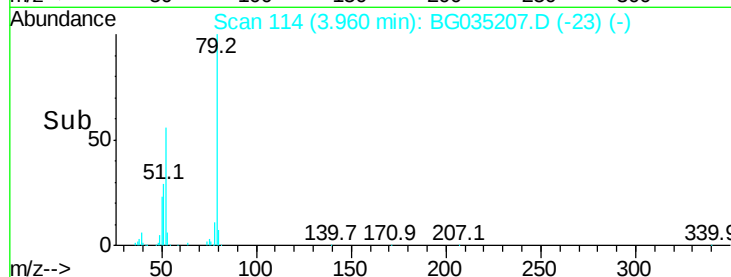
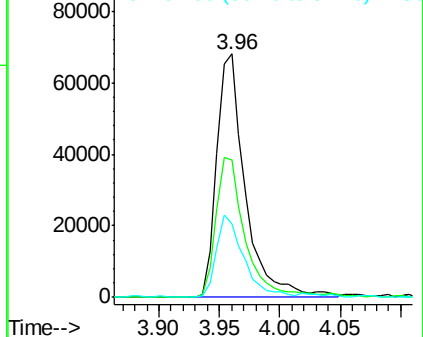
51 30.3 34.0 51.0#



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: 34.480 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

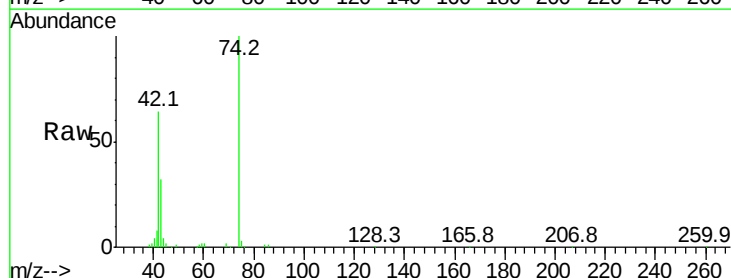
Tgt Ion: 42 Resp: 50079

Ion Ratio Lower Upper

42 100

74 156.0 102.5 153.7#

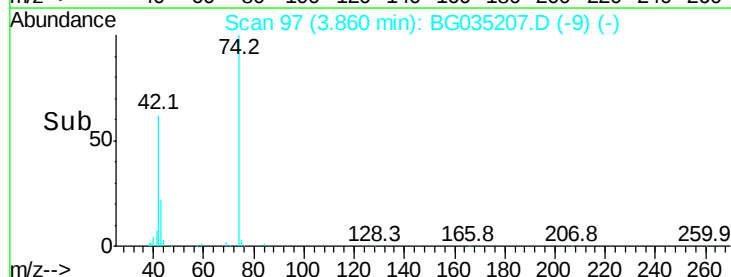
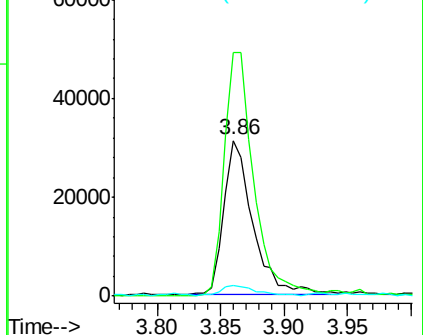
44 6.5 18.9 28.3#



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: 143.392 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

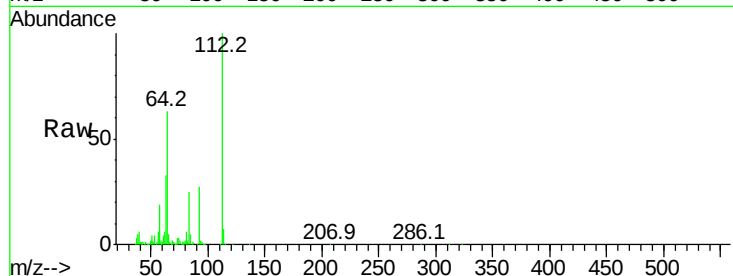
Tot Ion:112 Resp: 376567

Ion Ratio Lower Upper

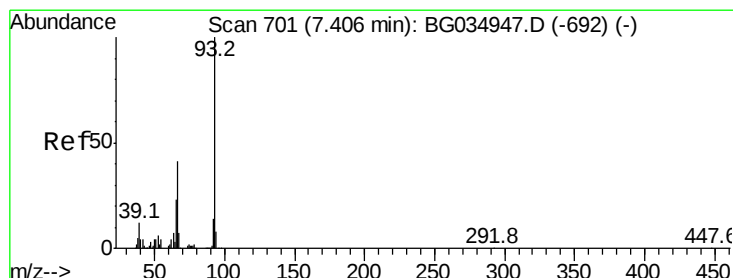
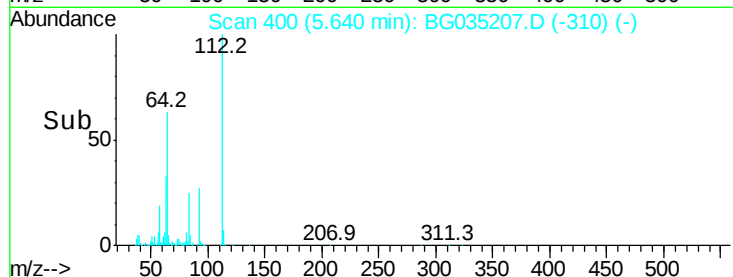
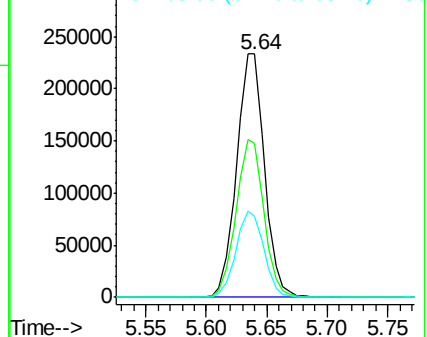
112 100

64 63.1 56.3 84.5

63 33.3 30.1 45.1



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: 13.455 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

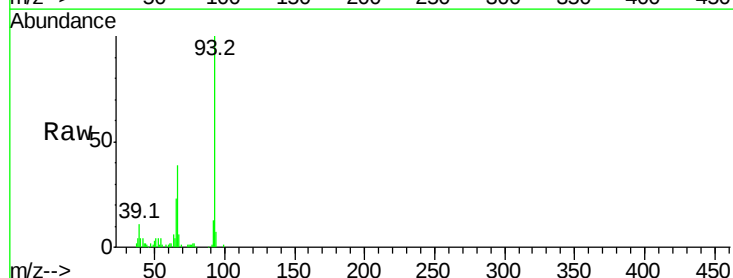
Tgt Ion: 93 Resp: 67414

Ion Ratio Lower Upper

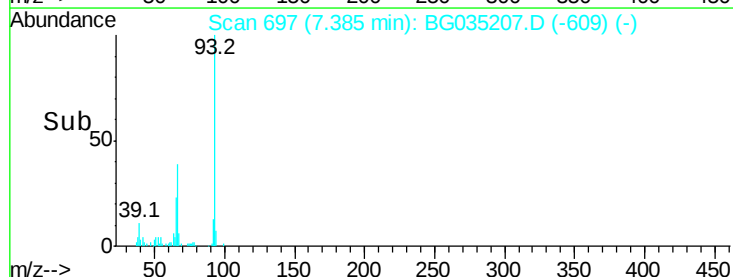
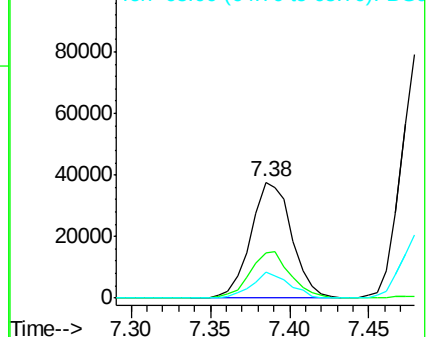
93 100

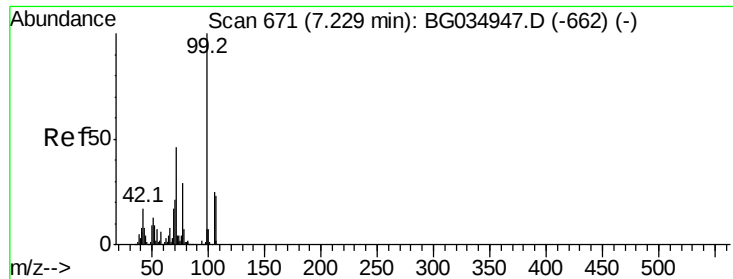
66 38.9 33.7 50.5

65 22.7 16.1 24.1



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: 133.229 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

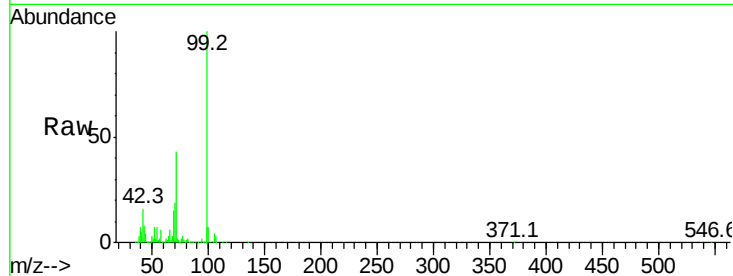
Tot Ion: 99 Resp: 516400

Ion Ratio Lower Upper

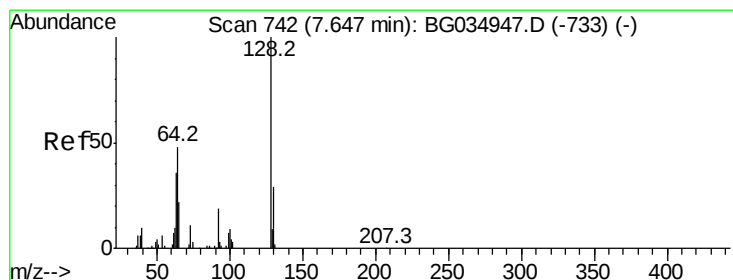
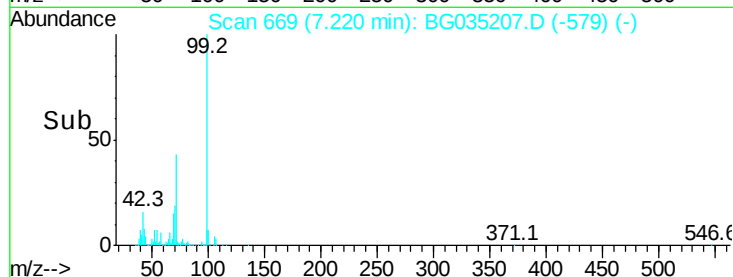
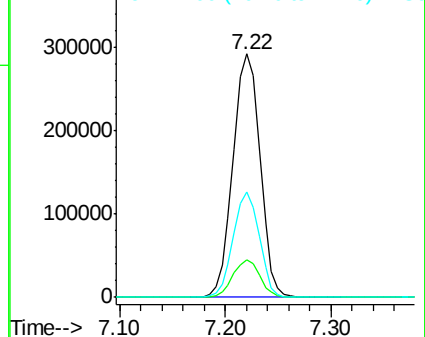
99 100

42 15.7 14.1 21.1

71 43.5 26.1 39.1#



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: 47.158 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

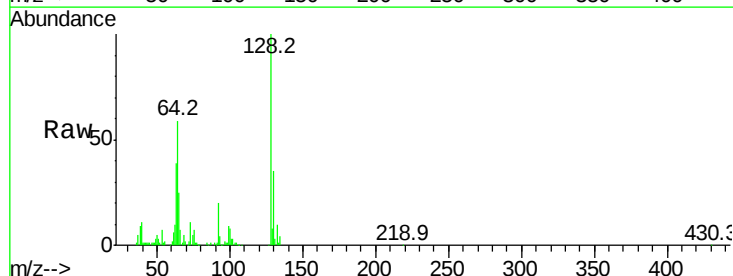
Tgt Ion:128 Resp: 129813

Ion Ratio Lower Upper

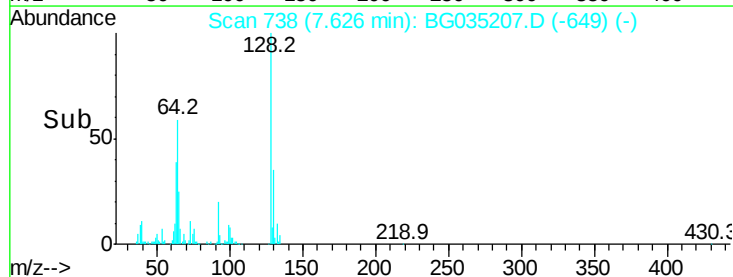
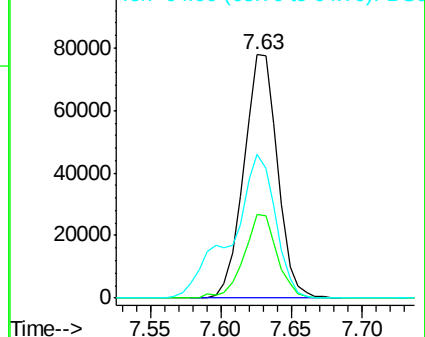
128 100

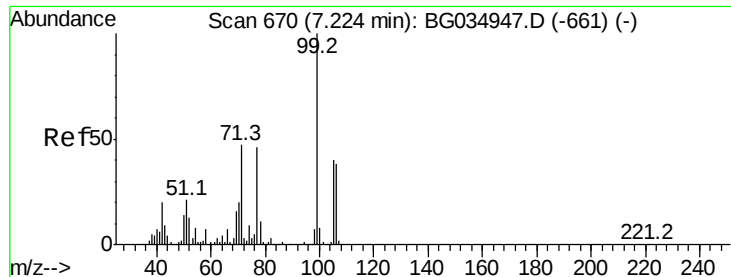
130 34.5 14.0 54.0

64 59.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 29.871 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

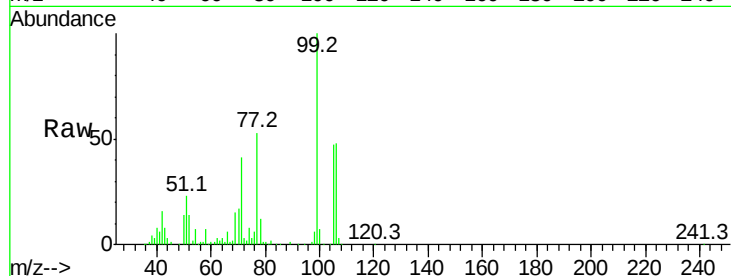
Tot Ion: 77 Resp: 89183

Ion Ratio Lower Upper

77 100

105 88.3 71.3 111.3

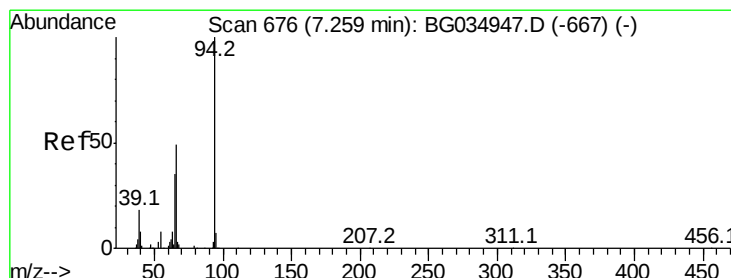
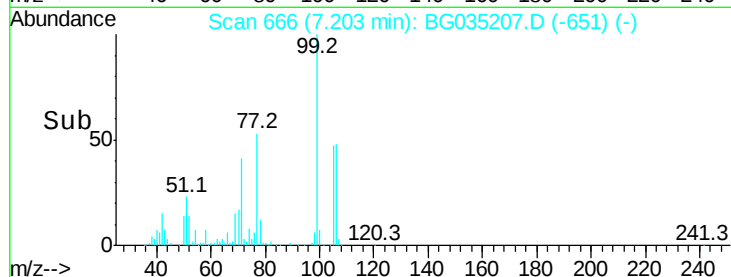
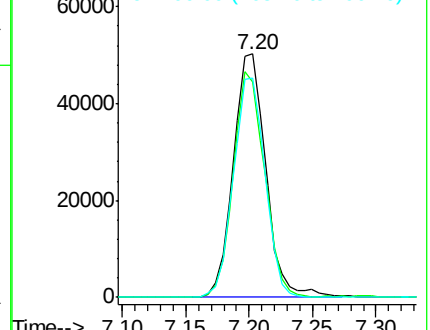
106 90.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.580 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

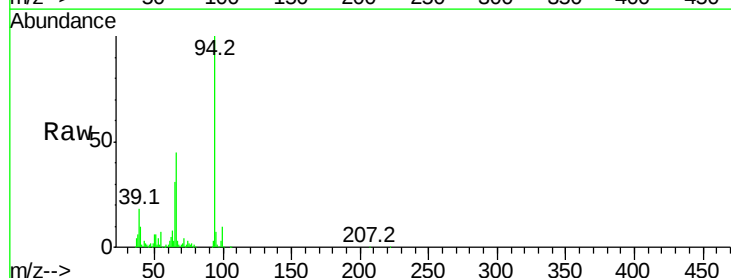
Tgt Ion: 94 Resp: 166787

Ion Ratio Lower Upper

94 100

65 31.4 11.9 51.9

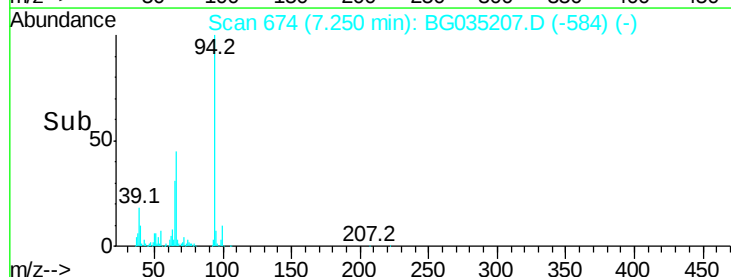
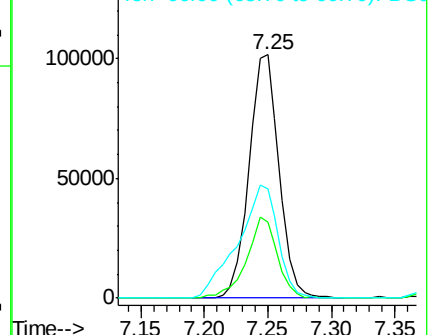
66 44.7 22.2 62.2

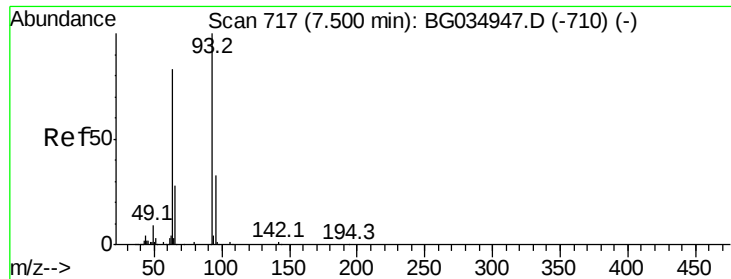


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

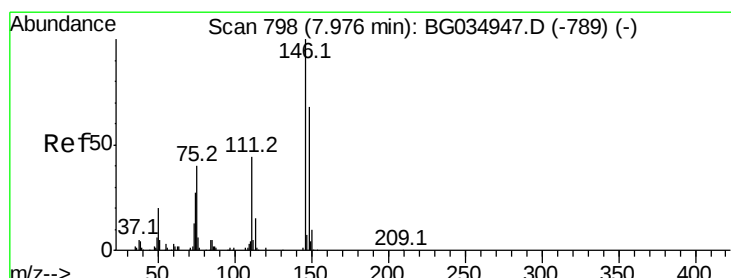
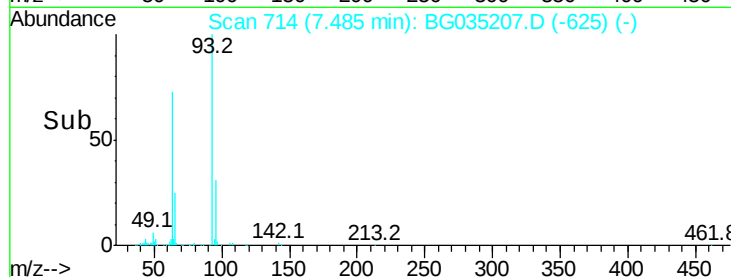
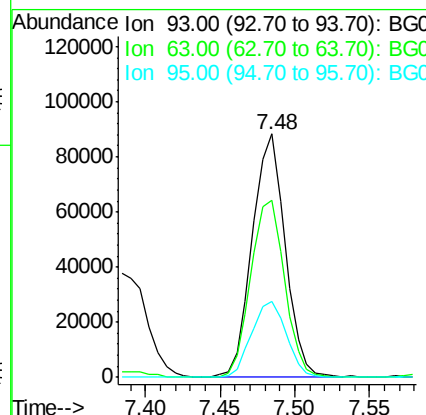
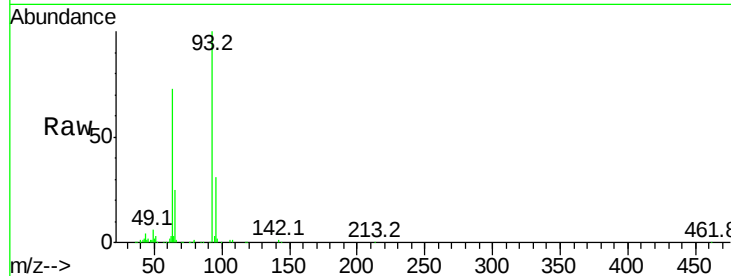




#11
bis(2-Chloroethyl)ether
Concen: 43.198 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

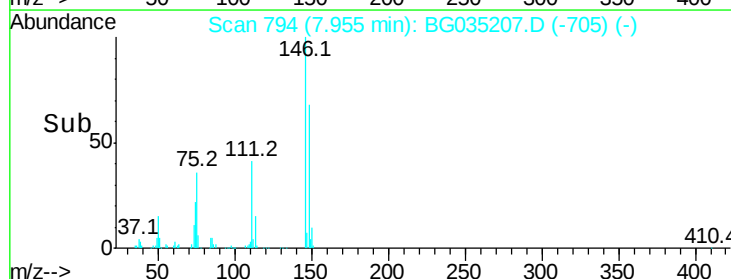
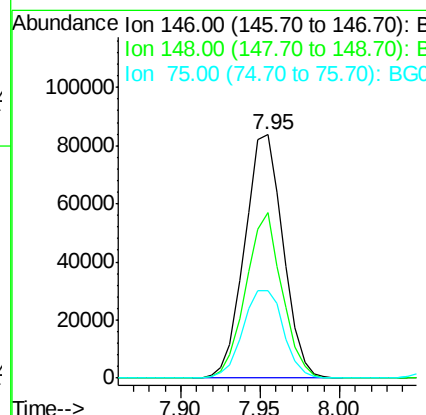
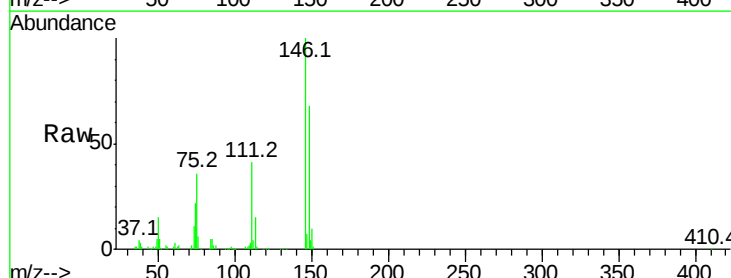
Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 134492
Ion Ratio Lower Upper
93 100
63 72.6 67.1 107.1
95 31.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.033 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion: 146 Resp: 141339
Ion Ratio Lower Upper
146 100
148 67.8 51.4 77.2
75 36.1 26.6 39.8

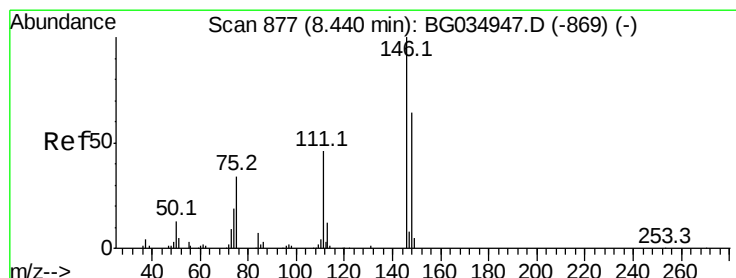
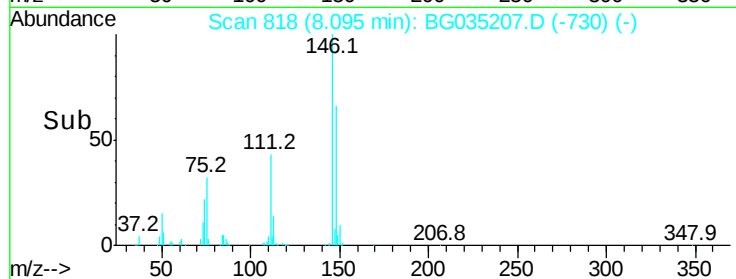
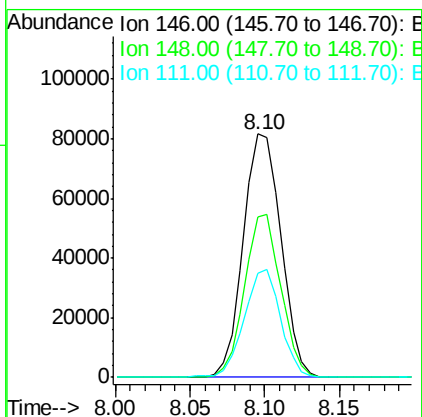
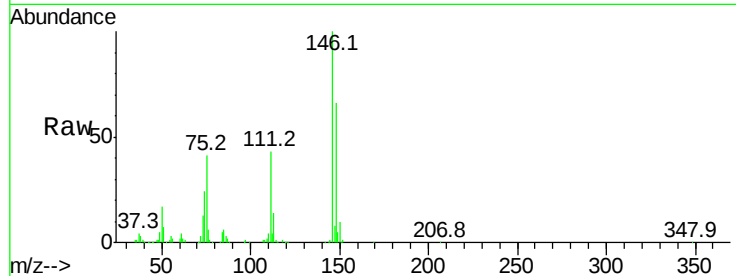




#13
 1,4-Dichlorobenzene
 Concen: 42.089 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

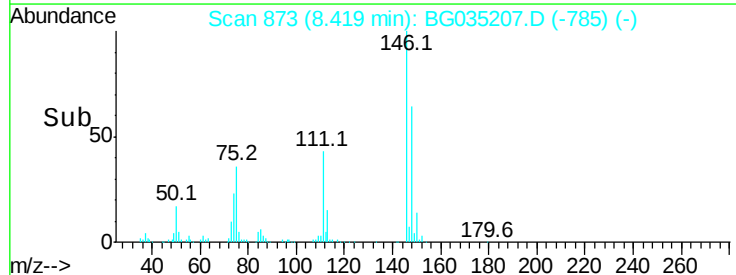
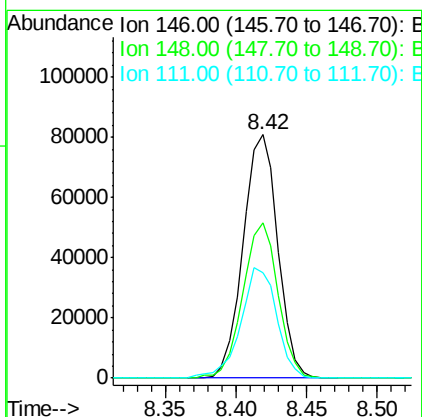
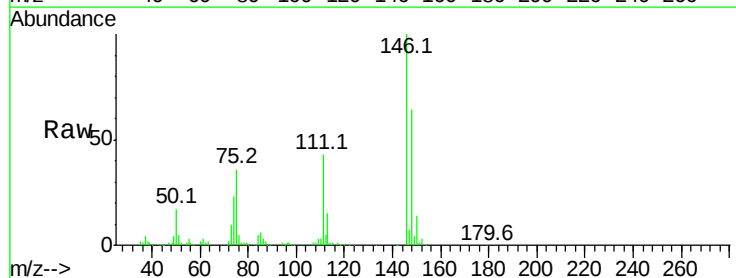
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	42.8	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.711 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.3	73.9
111	43.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.833 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

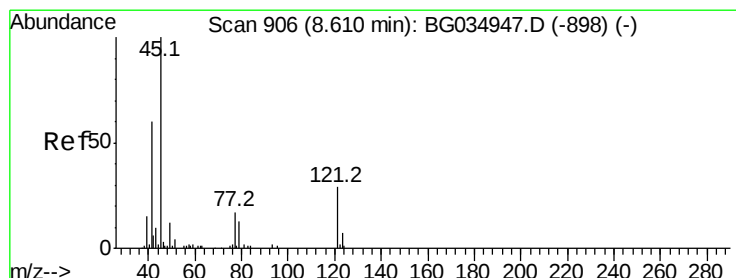
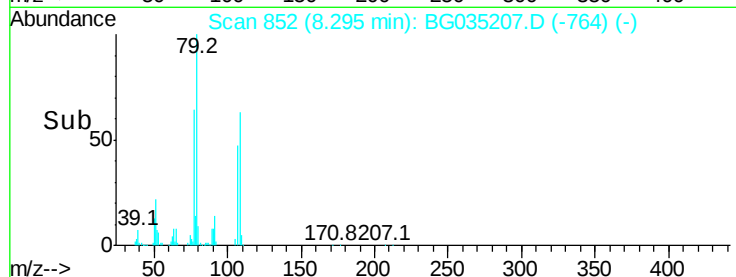
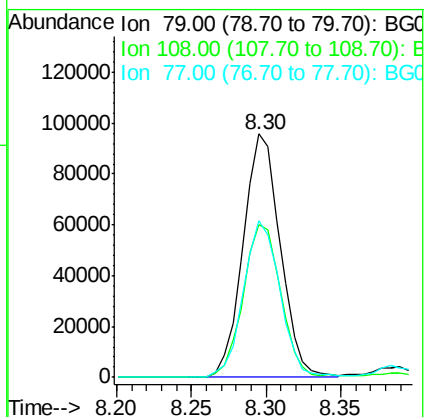
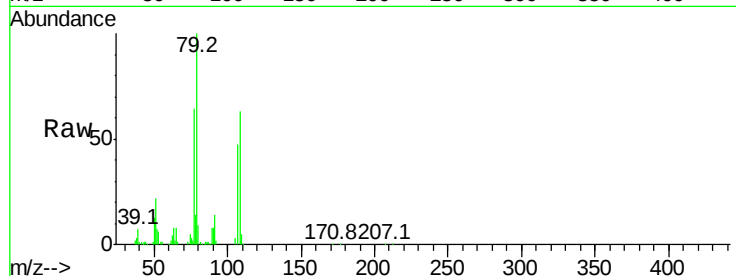
Tot Ion: 79 Resp: 164659

Ion Ratio Lower Upper

79 100

108 63.0 57.2 85.8

77 64.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.453 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

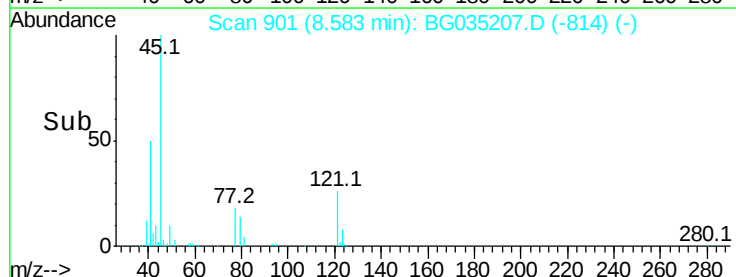
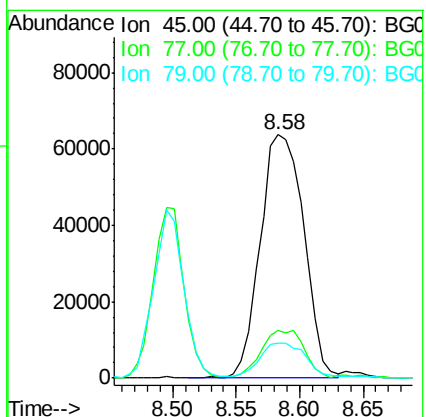
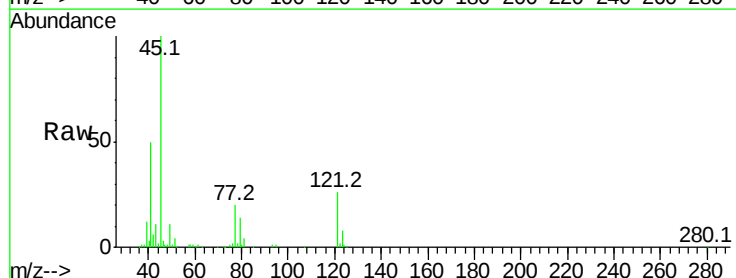
Tgt Ion: 45 Resp: 153242

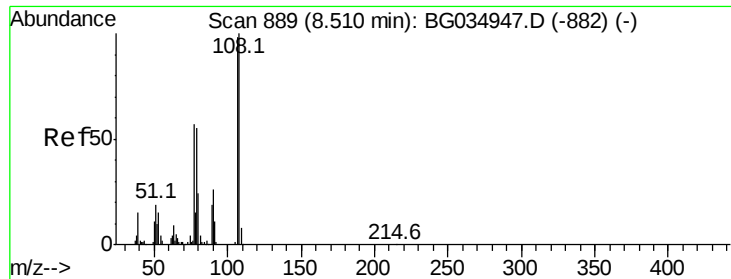
Ion Ratio Lower Upper

45 100

77 19.5 0.0 30.2

79 14.3 0.0 27.9





#17

2-Methylphenol

Concen: 49.820 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035207.D

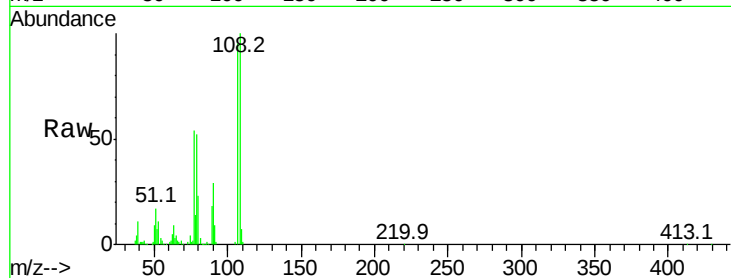
Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107	Resp:	131753
Ion Ratio	Lower	Upper
107	100	
108	104.8	83.9 125.9
77	56.3	37.2 55.8#
79	55.0	36.2 54.2#

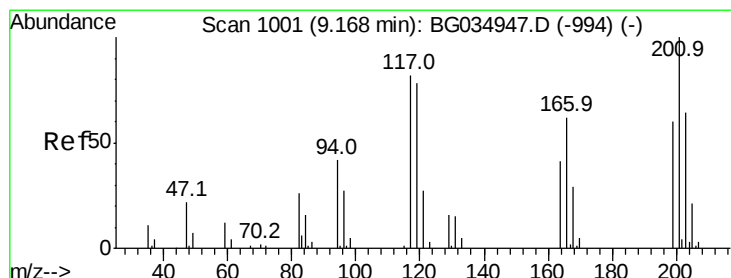
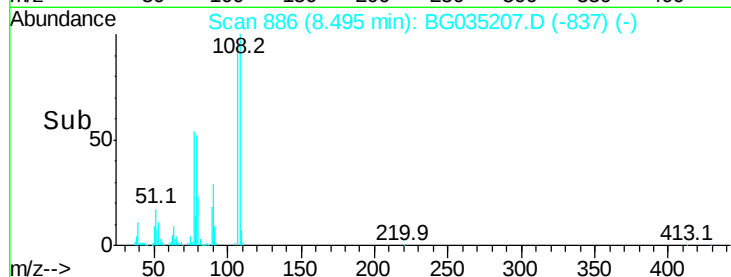
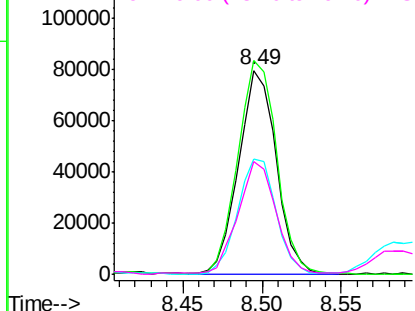


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.942 ng

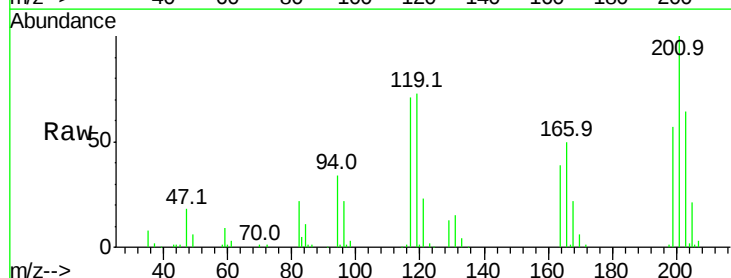
RT: 9.15 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

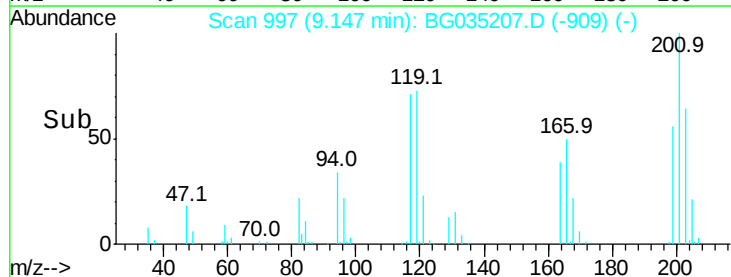
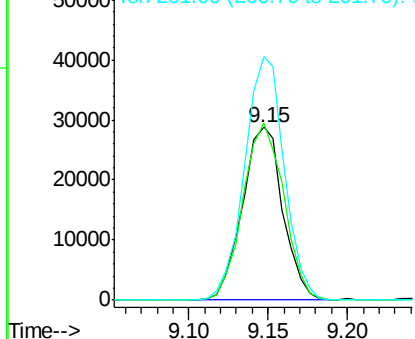
Tgt Ion:117	Resp:	50910
Ion Ratio	Lower	Upper
117	100	
119	102.4	76.7 115.1
201	140.9	95.7 143.5

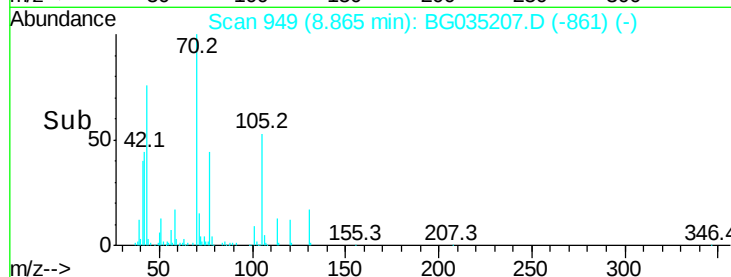
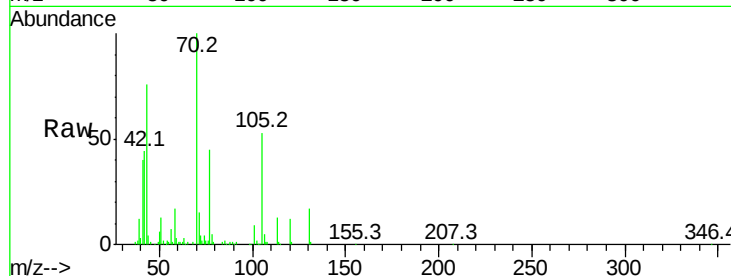
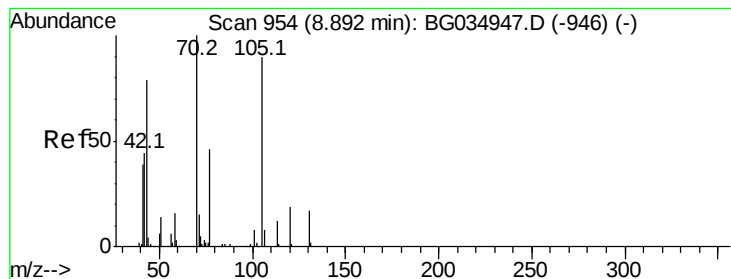


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.156 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 135527

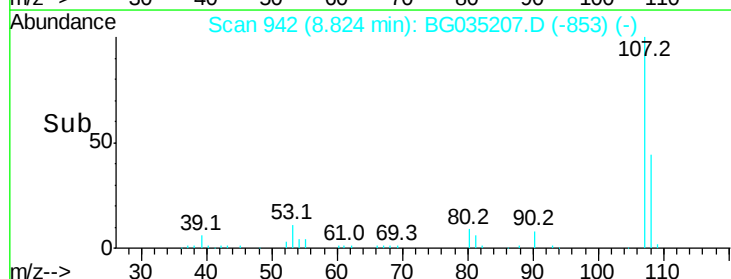
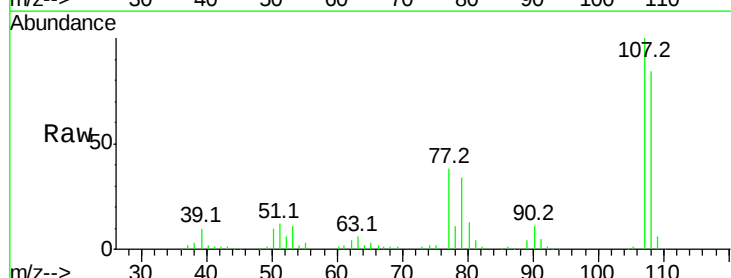
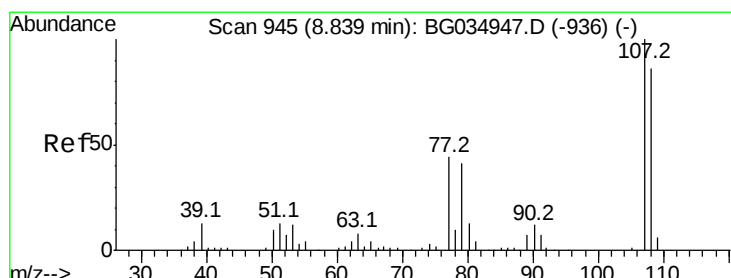
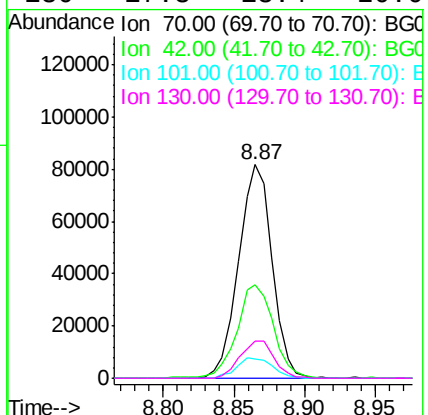
Ion Ratio Lower Upper

70 100

42 43.8 49.1 73.7#

101 9.1 8.5 12.7

130 17.3 13.4 20.0



#20

3+4-Methylphenols

Concen: 47.993 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Tgt Ion: 107 Resp: 181924

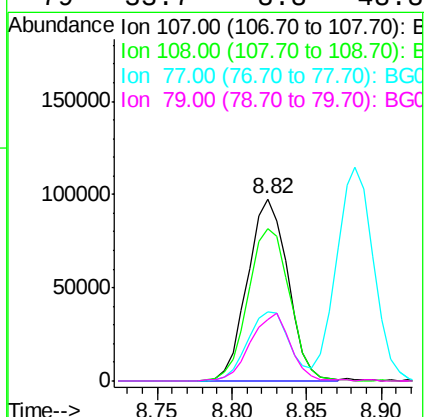
Ion Ratio Lower Upper

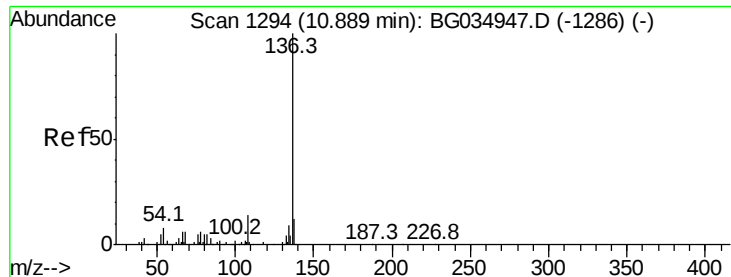
107 100

108 83.7 61.6 101.6

77 37.7 13.9 53.9

79 33.7 8.8 48.8

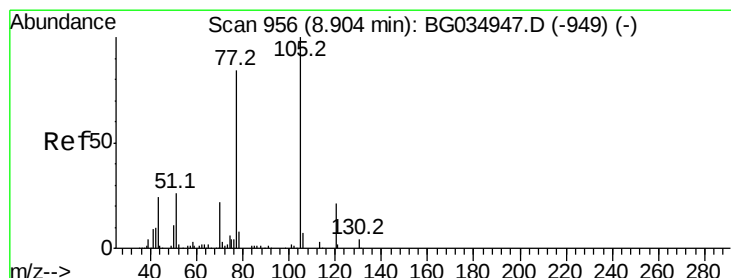
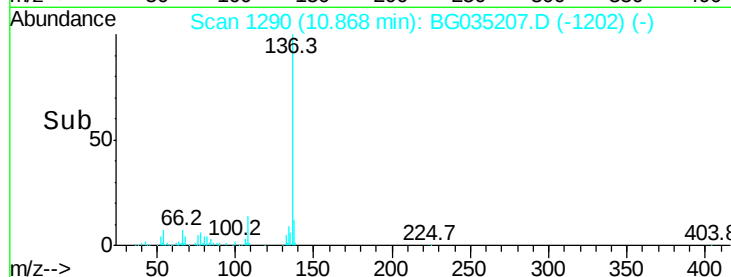
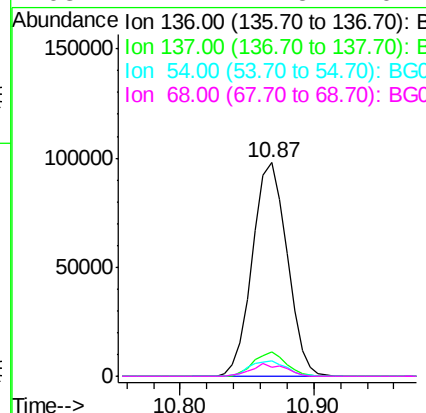
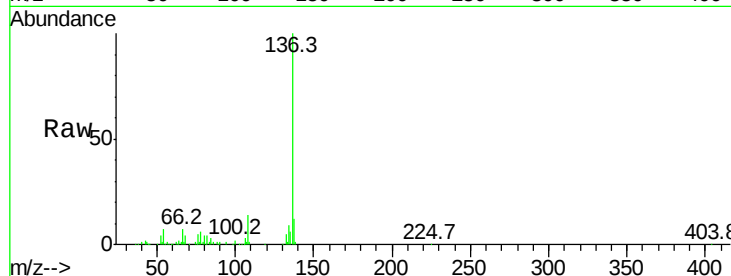




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

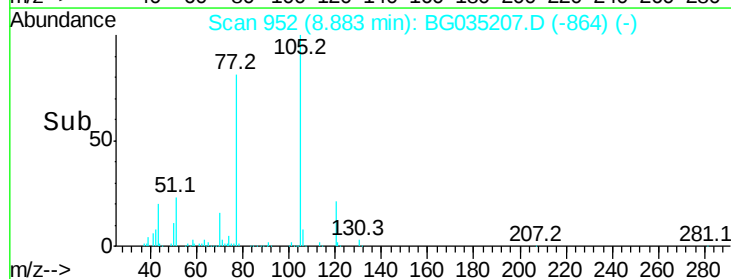
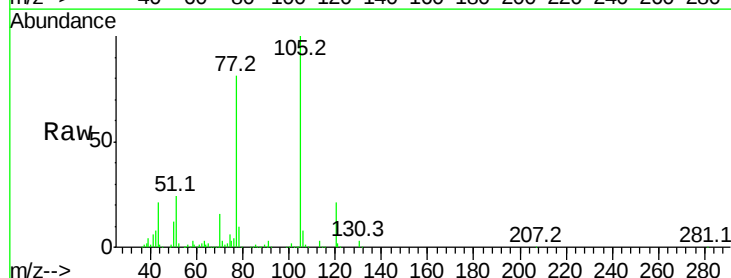
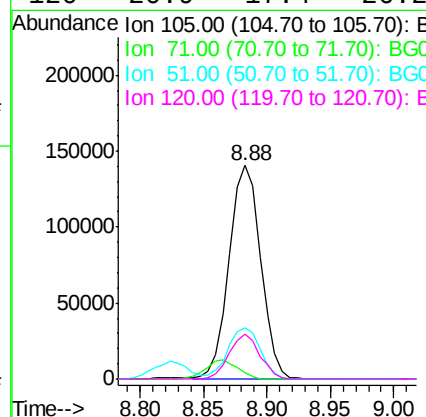
Instrument :
BNA_G
ClientSampleId :

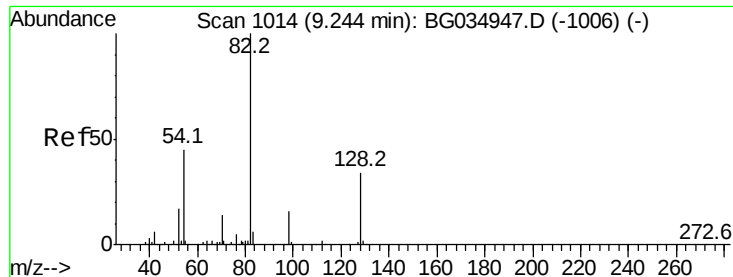
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.1	10.3	15.5#
68	4.4	4.5	6.7#



#22
Acetophenone
Concen: 44.537 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.0	4.4#
51	23.7	26.1	39.1#
120	20.9	17.4	26.2





#23

Nitrobenzene-d5

Concen: 111.397 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

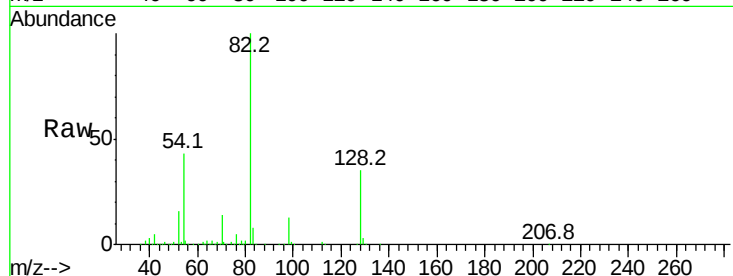
Tot Ion: 82 Resp: 412890

Ion Ratio Lower Upper

82 100

128 34.7 29.7 44.5

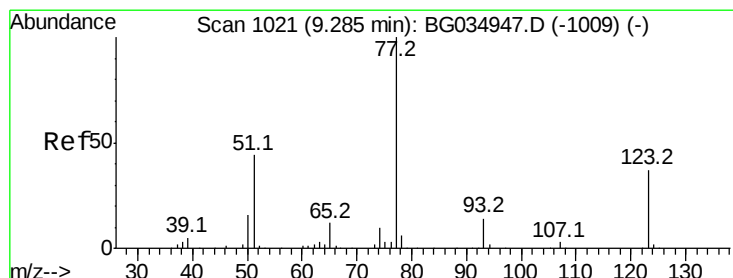
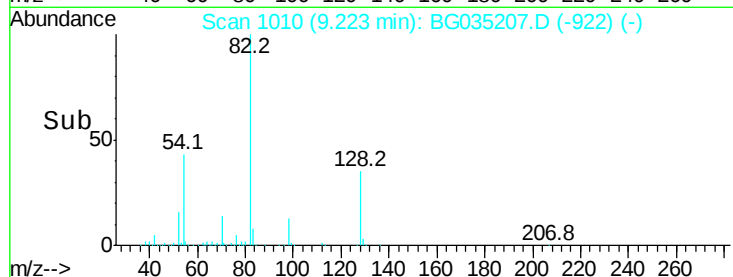
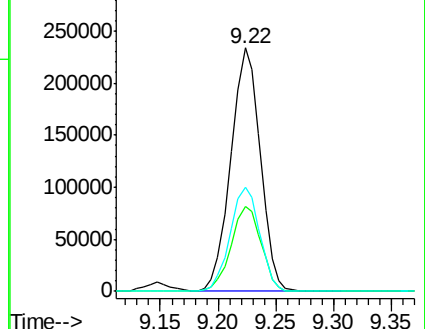
54 43.0 43.1 64.7#



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: 51.488 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

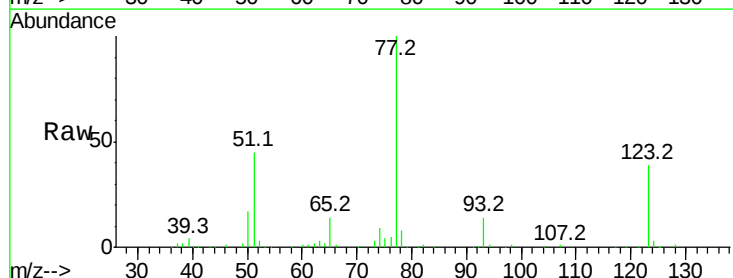
Tgt Ion: 77 Resp: 195421

Ion Ratio Lower Upper

77 100

123 39.0 33.0 49.6

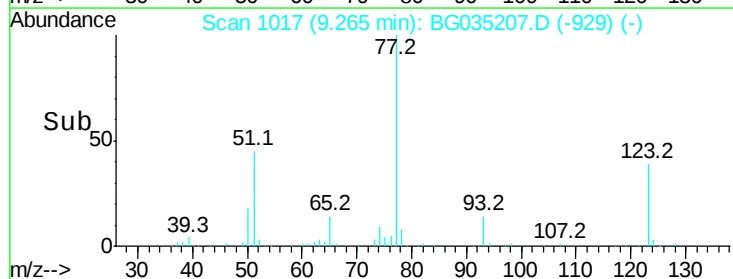
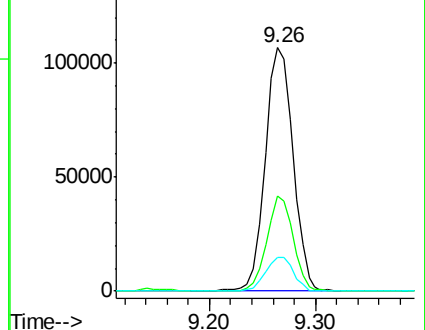
65 14.0 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.374 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

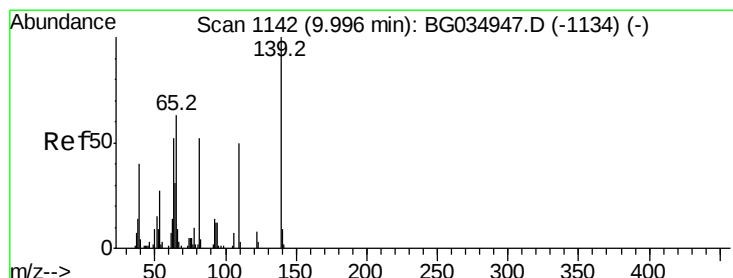
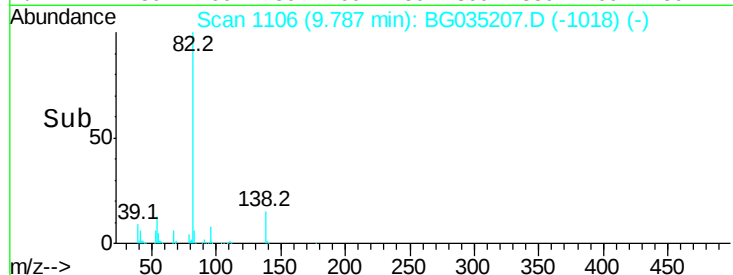
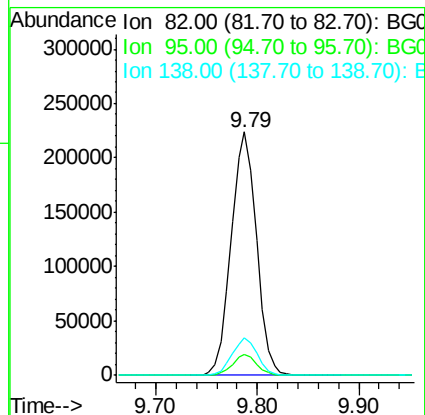
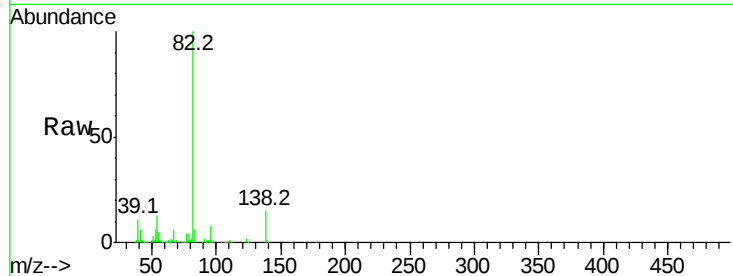
Tot Ion: 82 Resp: 386372

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 15.4 12.1 18.1



#26

2-Nitrophenol

Concen: 59.869 ng

RT: 9.98 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

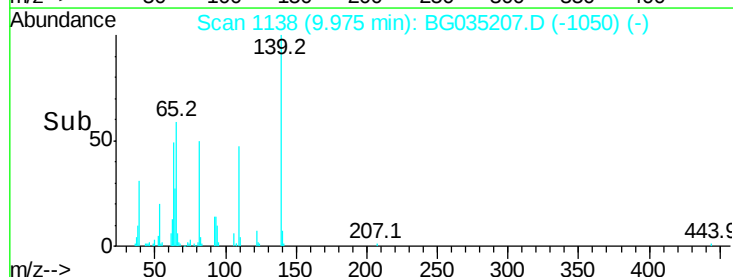
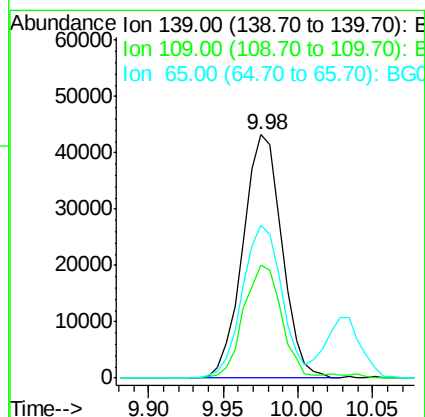
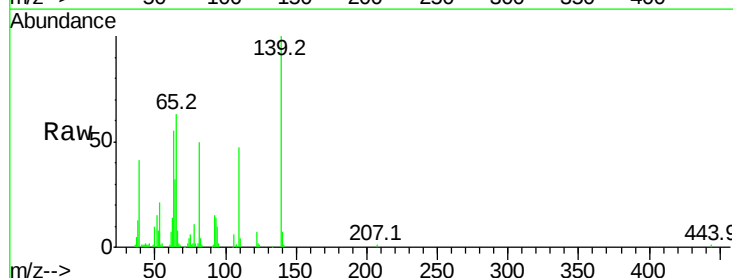
Tgt Ion: 139 Resp: 78325

Ion Ratio Lower Upper

139 100

109 46.7 24.2 36.2#

65 63.0 47.4 71.0

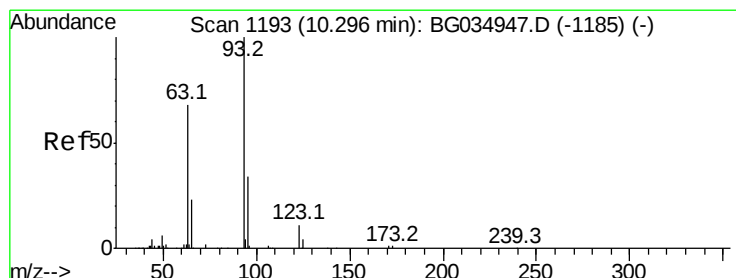
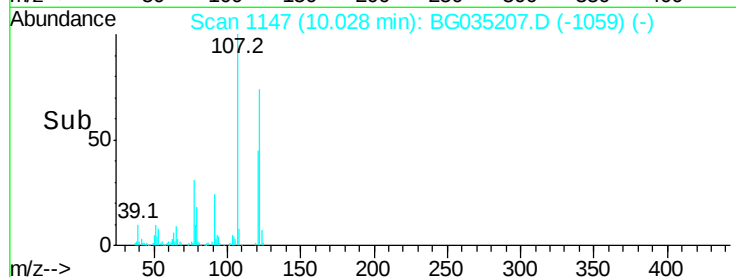
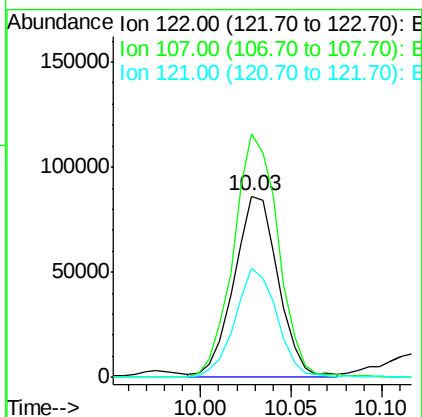
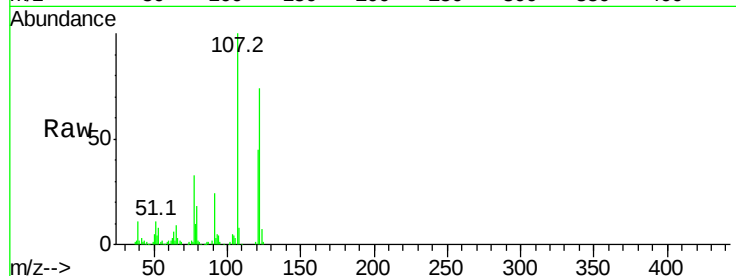




#27
2,4-Dimethylphenol
Concen: 52.995 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

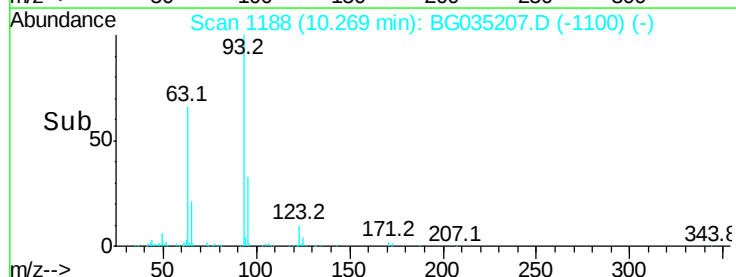
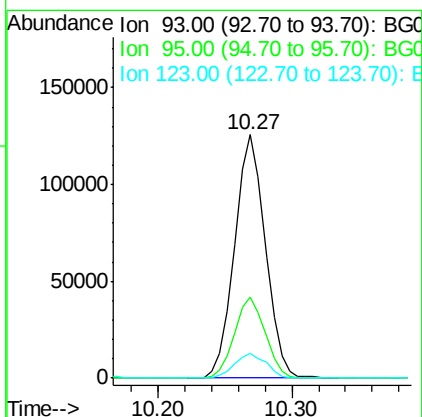
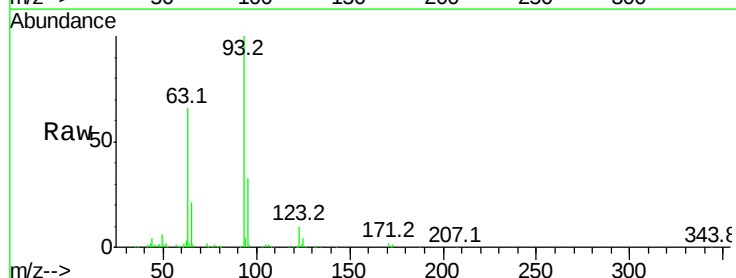
Instrument :
BNA_G
ClientSampleId :

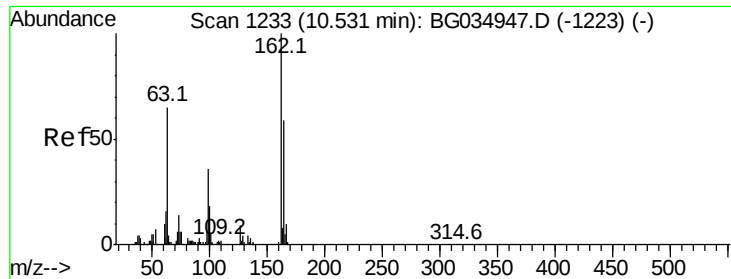
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.5	100.2	150.2
121	60.5	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.729 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	10.3	8.4	12.6

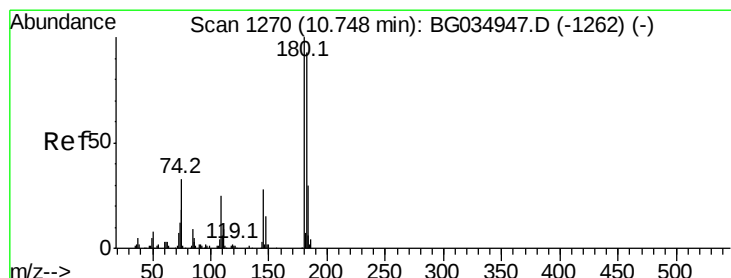
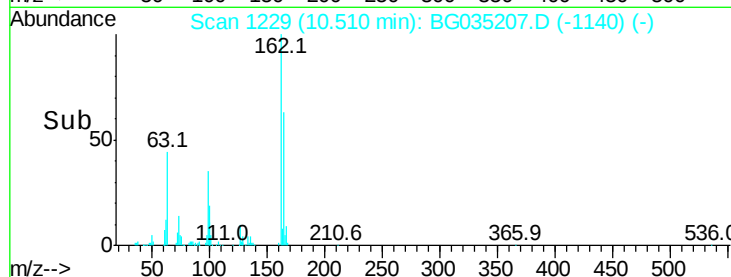
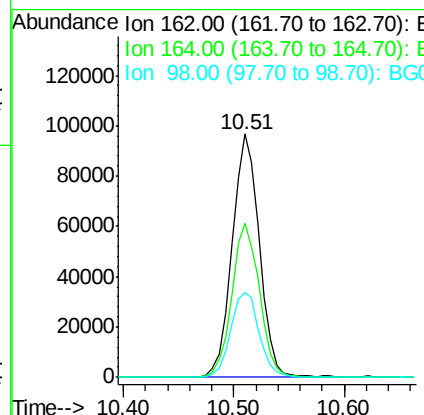
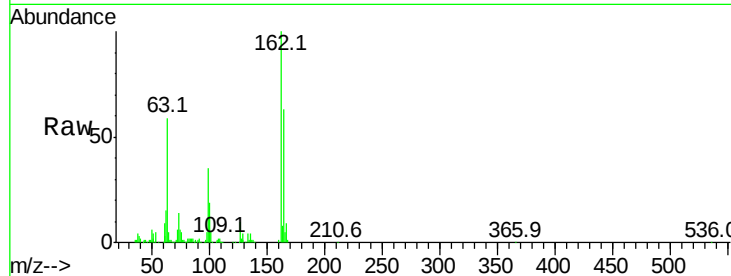




#29
 2,4-Dichlorophenol
 Concen: 55.774 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

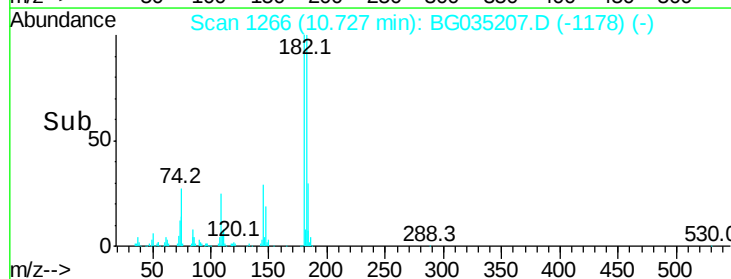
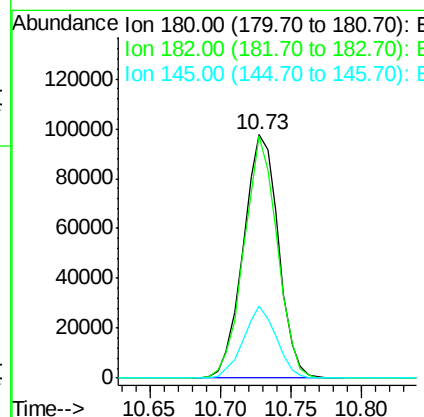
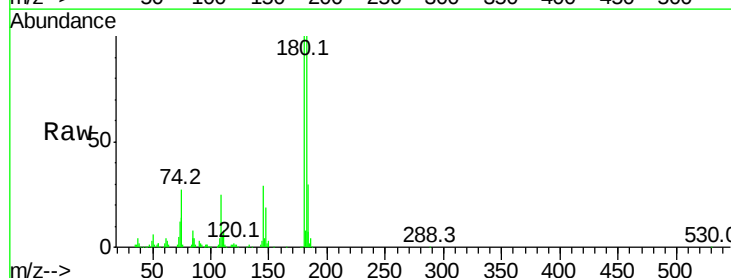
Instrument :
 BNA_G
 ClientSampleId :

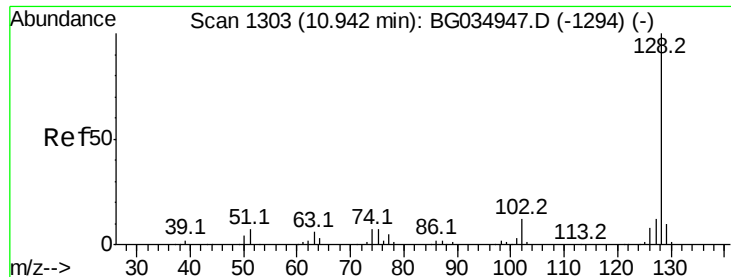
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.0	88.0
98	34.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.236 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.5	116.3
145	29.4	23.4	35.2

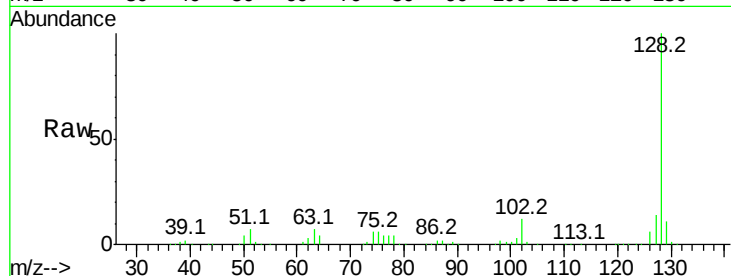




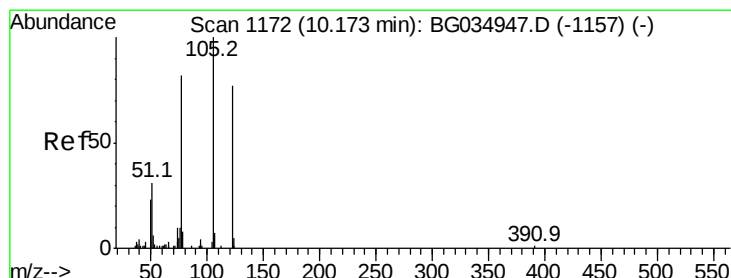
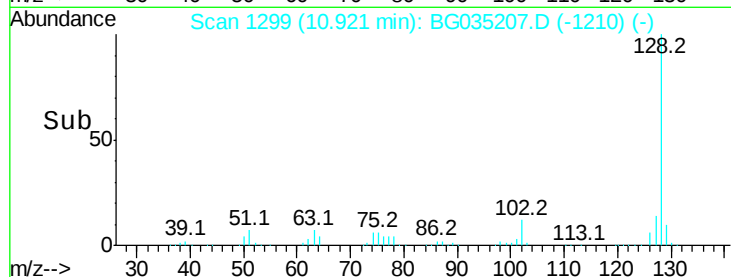
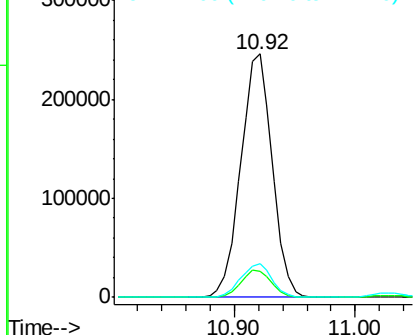
#31
Naphthalene
Concen: 48.604 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 444854
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.6 11.6 17.4

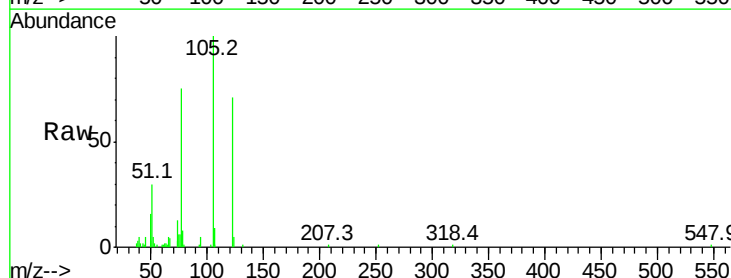


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

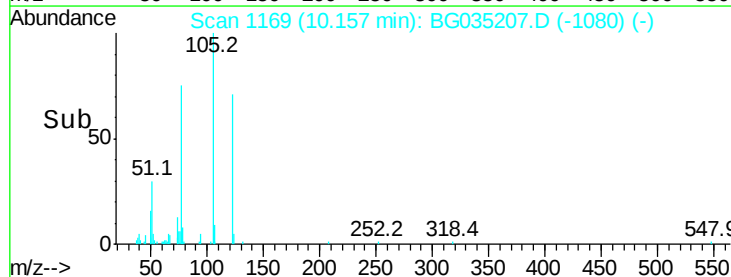
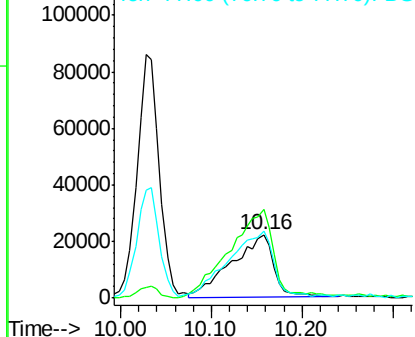


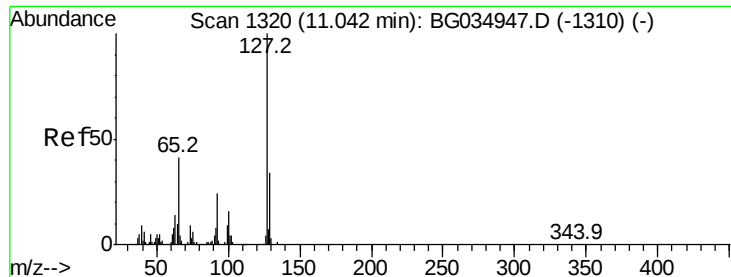
#32
Benzoic acid
Concen: 38.455 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:122 Resp: 70831
Ion Ratio Lower Upper
122 100
105 140.2 123.5 163.5
77 105.3 85.7 125.7



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

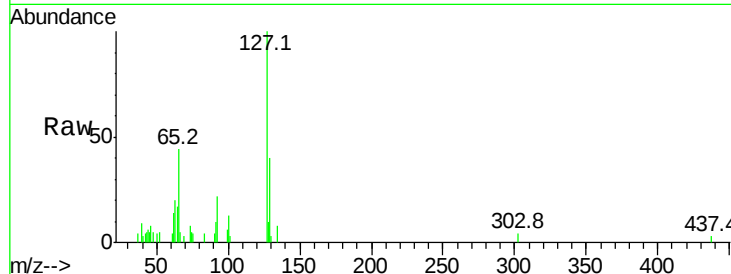




#33
4-Chloroaniline
Concen: 2.571 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	39.8	24.0	36.0#
65	44.3	27.0	40.4#
92	22.5	16.6	25.0



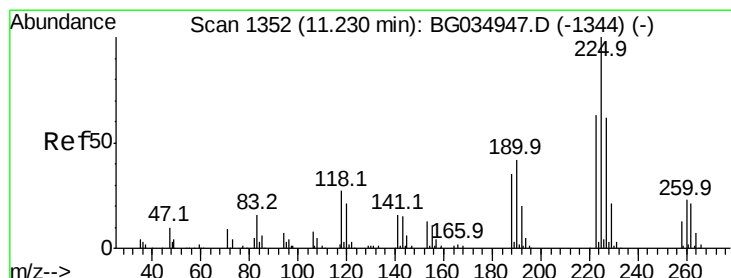
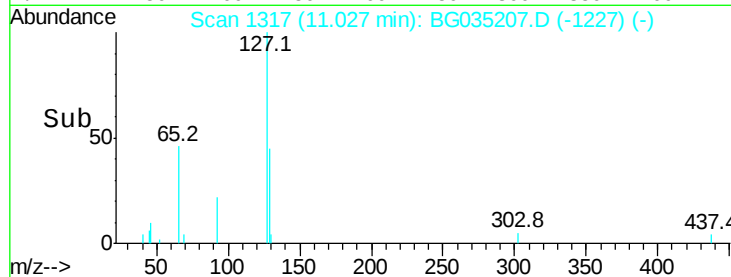
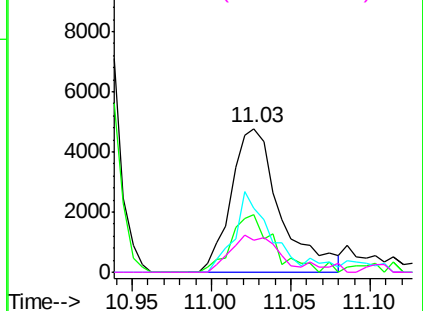
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

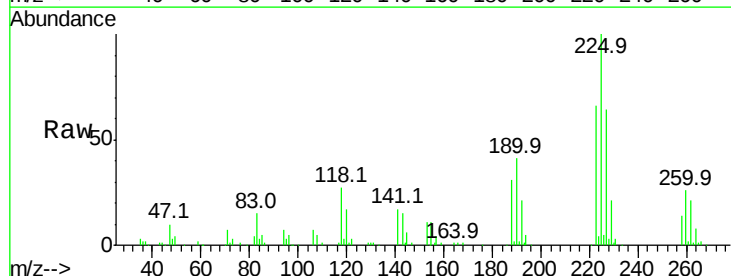
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.617 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.7	74.5
227	64.0	48.1	72.1

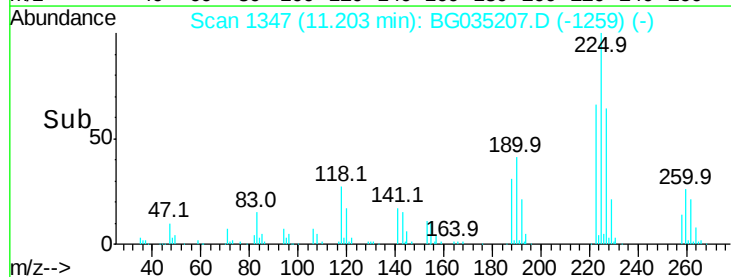
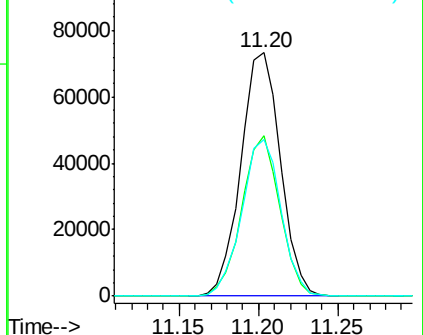


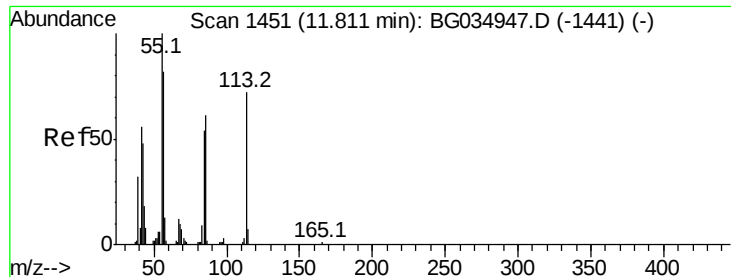
Abundance

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

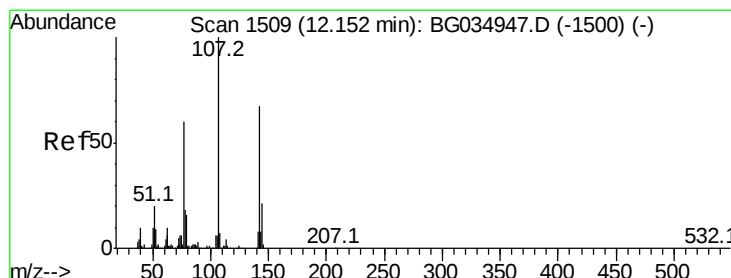
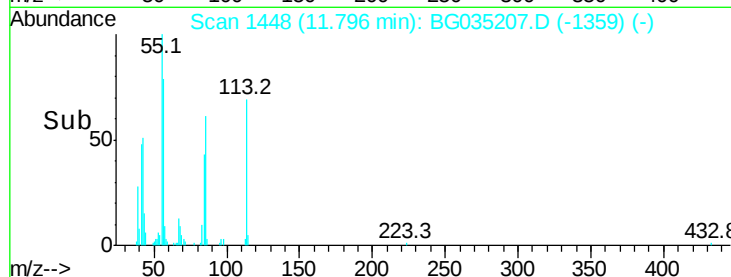
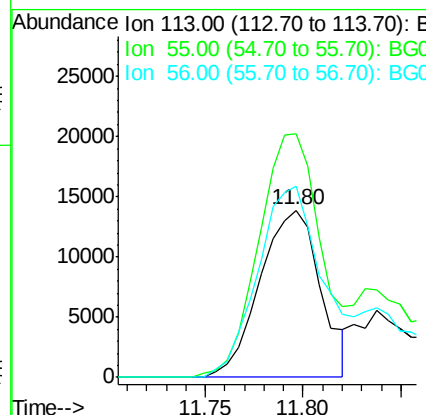
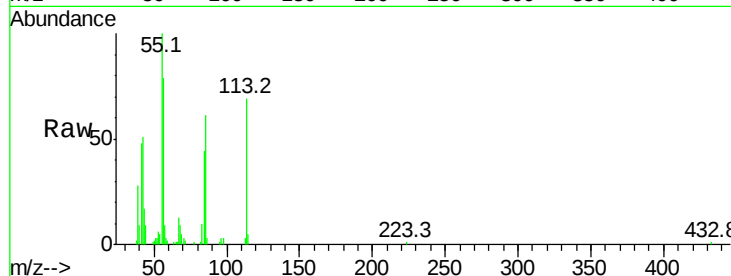




#35
Caprolactam
Concen: 26.986 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

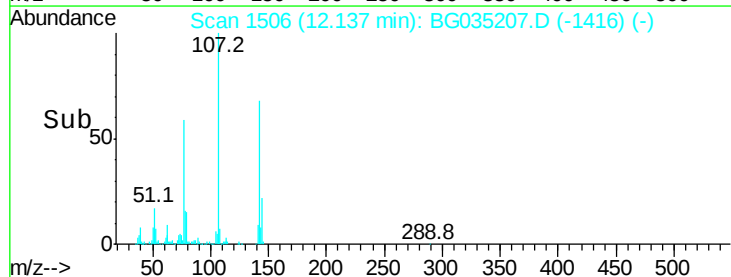
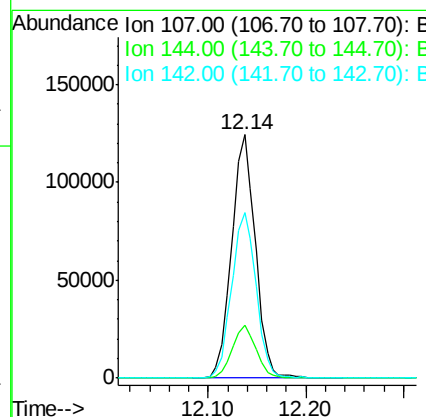
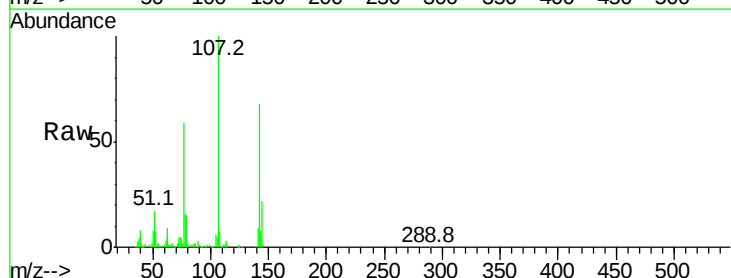
Instrument :
BNA_G
ClientSampleId :

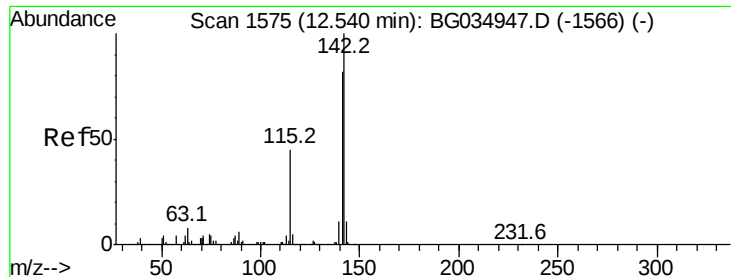
Tot Ion:113 Resp: 29842
Ion Ratio Lower Upper
113 100
55 145.5 186.9 226.9#
56 114.5 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 56.260 ng
RT: 12.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:107 Resp: 209841
Ion Ratio Lower Upper
107 100
144 21.9 18.2 27.4
142 67.7 59.0 88.4

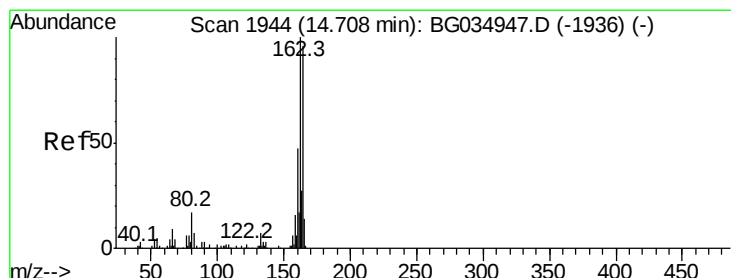
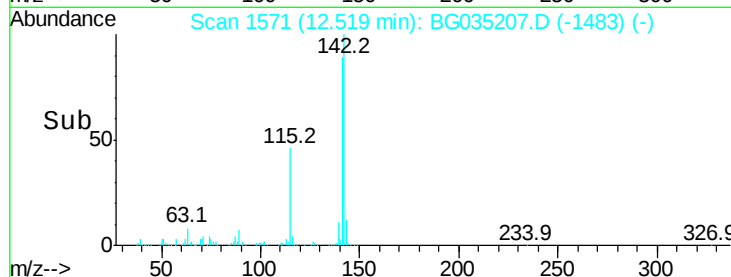
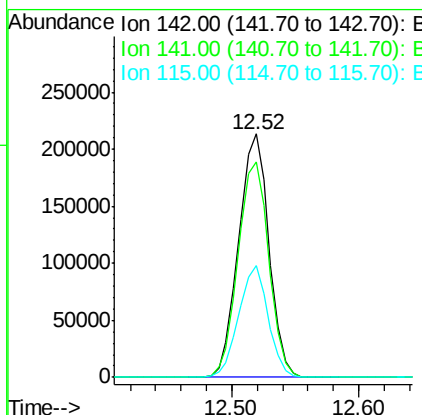
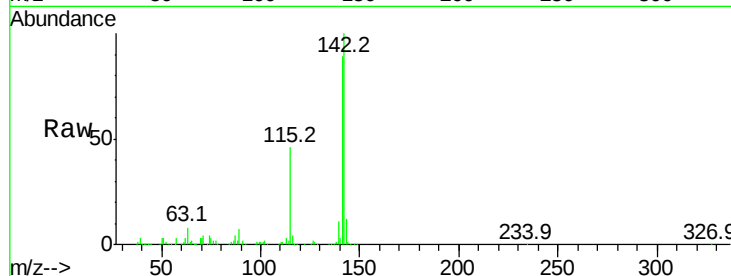




#37
 2-Methylnaphthalene
 Concen: 50.795 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

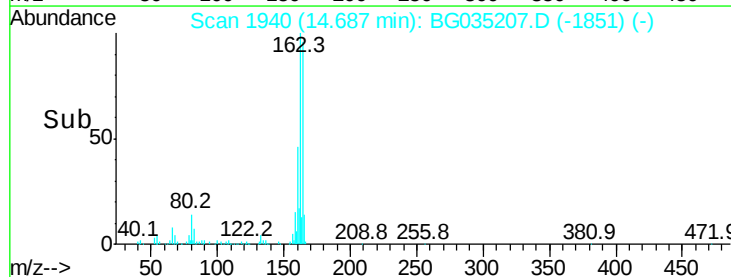
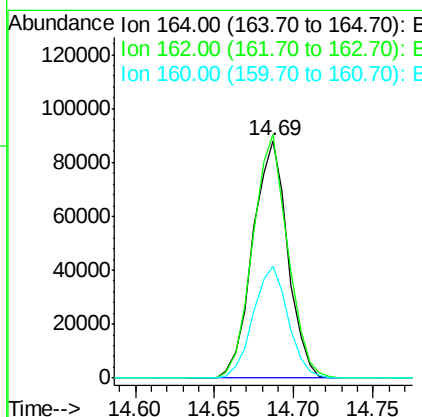
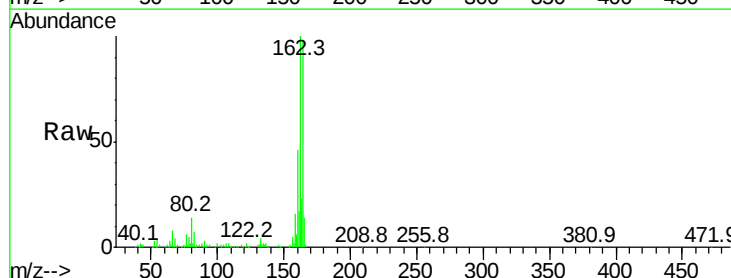
Instrument :
 BNA_G
 ClientSampleId :

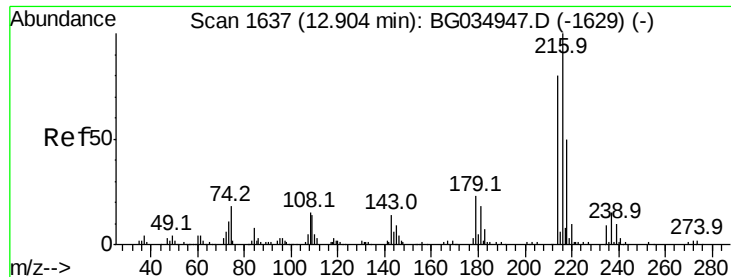
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.1	100.7
115	45.8	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	47.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.344 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 232762

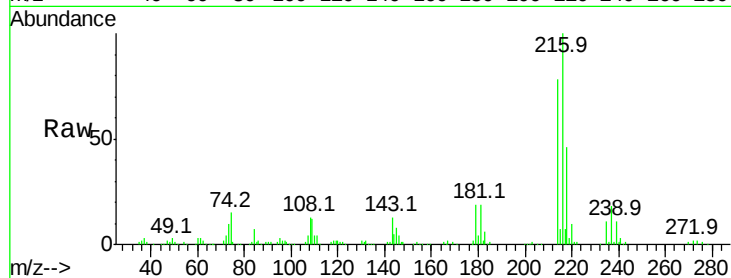
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 19.9 17.0 25.6

108 17.1 12.8 19.2

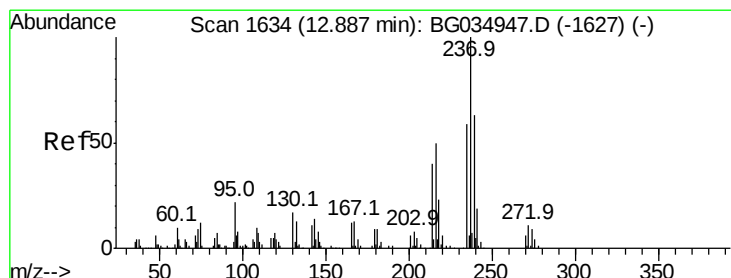
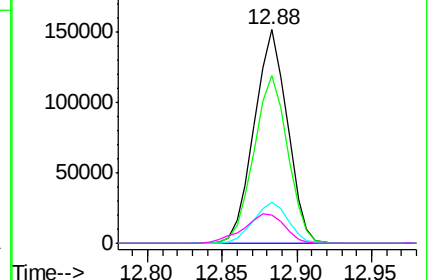
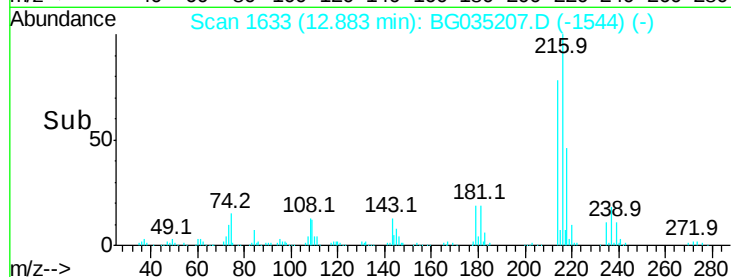


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.844 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

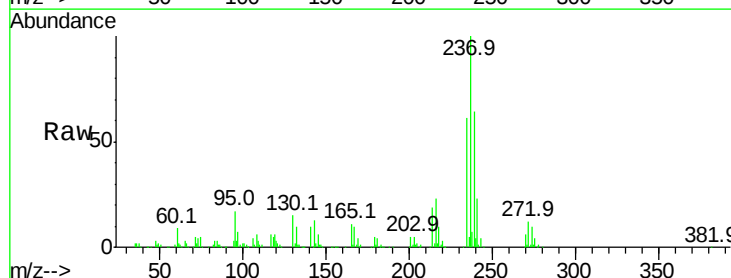
Tgt Ion:237 Resp: 289271

Ion Ratio Lower Upper

237 100

235 61.2 50.4 90.4

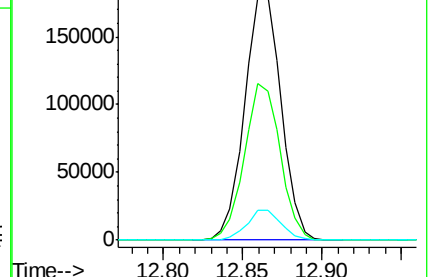
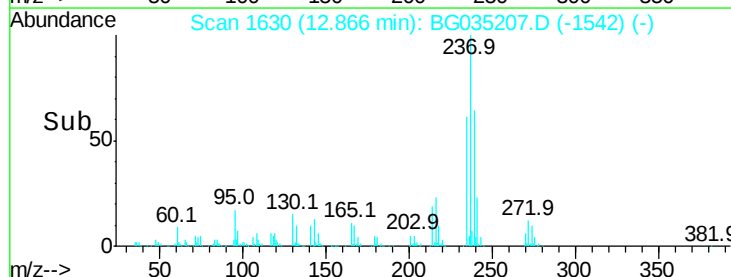
272 12.5 0.0 31.8

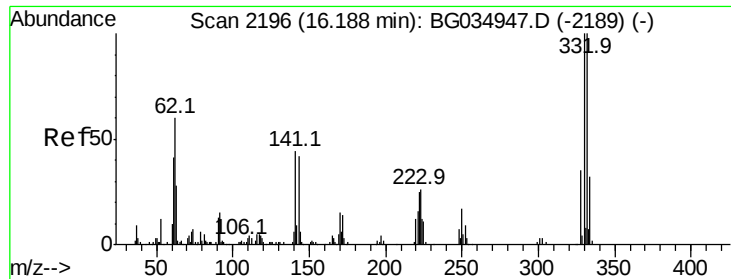


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

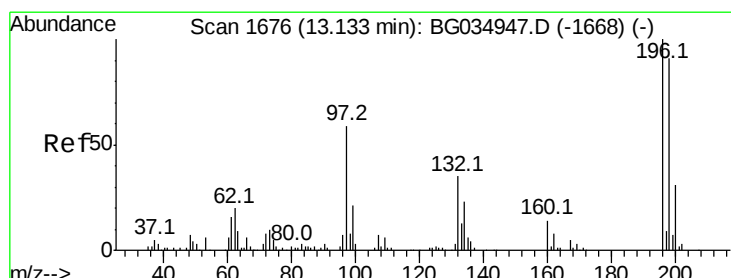
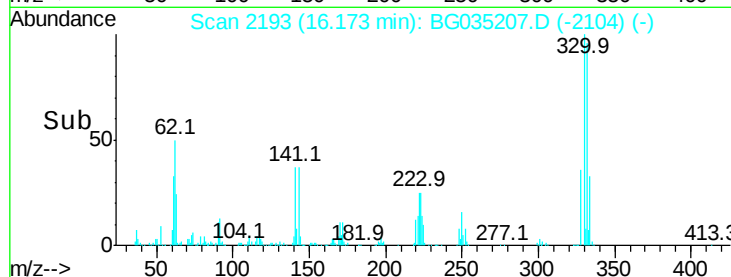
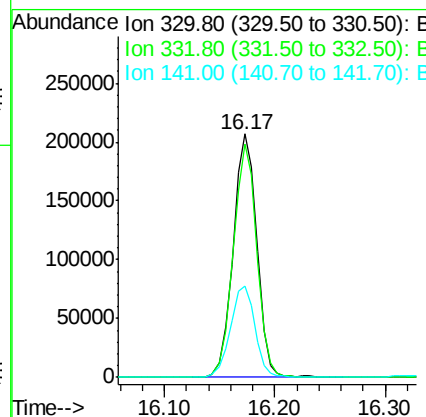
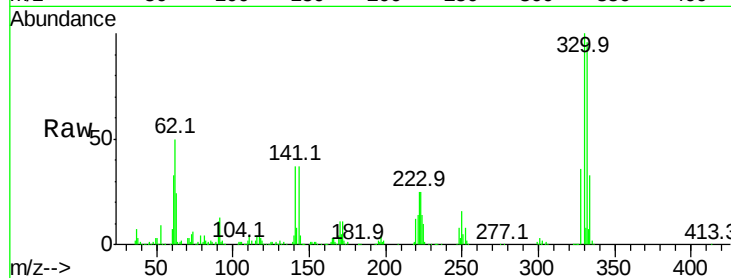




#41
 2,4,6-Tribromophenol
 Concen: 180.576 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

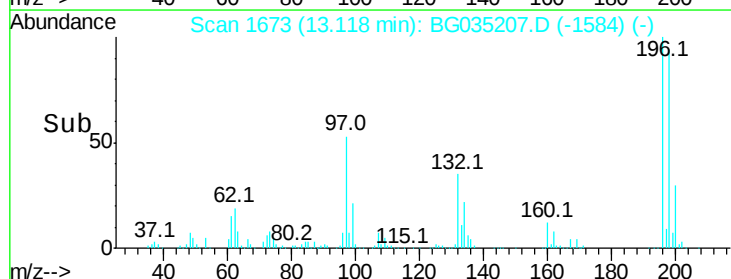
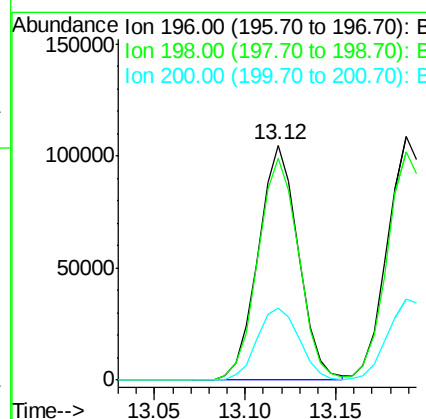
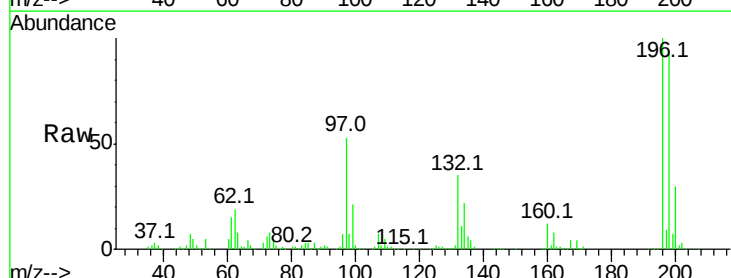
Instrument :
 BNA_G
 ClientSampled :

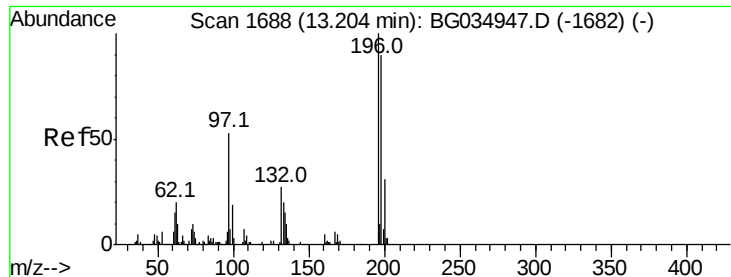
Tot Ion:330 Resp: 311697
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 39.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 53.597 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion:196 Resp: 161188
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.2 117.2
 200 30.5 24.6 36.8

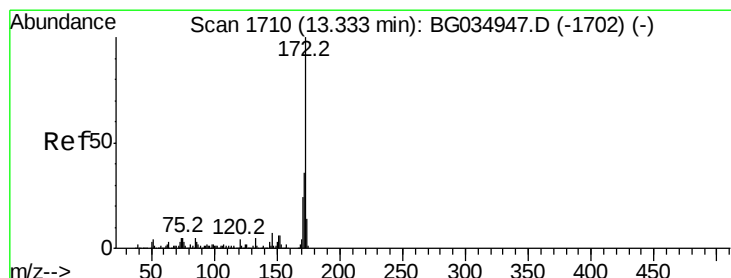
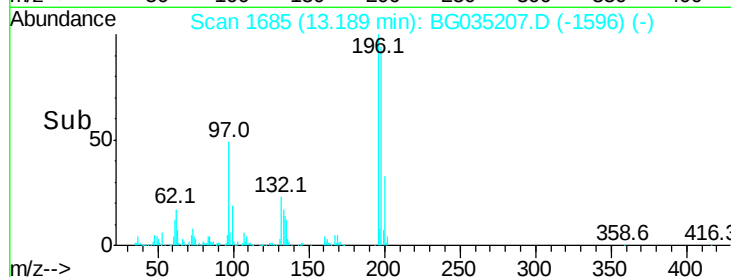
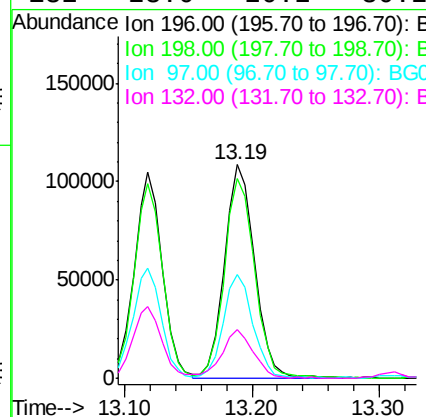
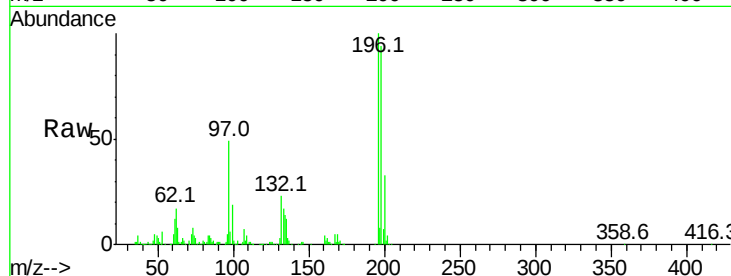




#43
2,4,5-Trichlorophenol
Concen: 53.981 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

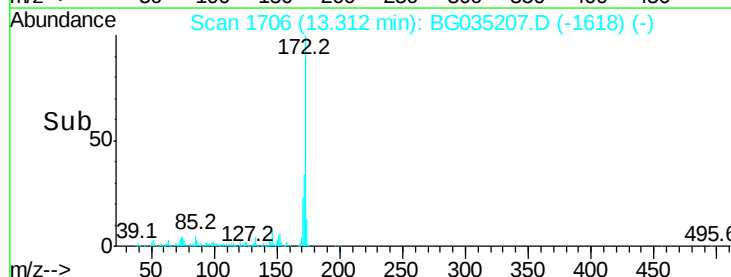
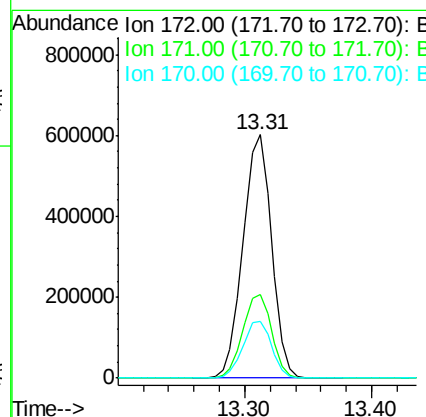
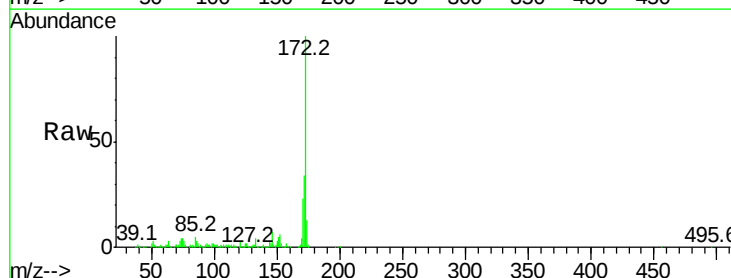
Instrument :
BNA_G
ClientSampleId :

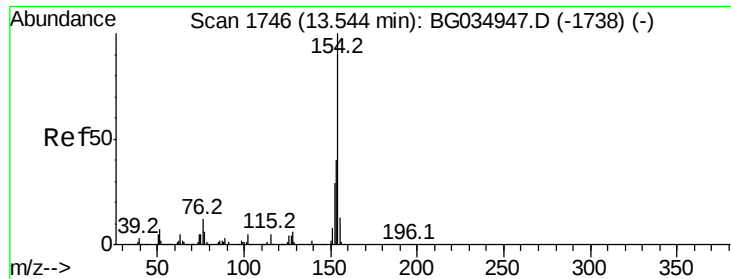
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.4
97	48.8	38.7	58.1
132	23.0	20.2	30.2



#44
2-Fluorobiphenyl
Concen: 90.734 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.1	19.5	29.3

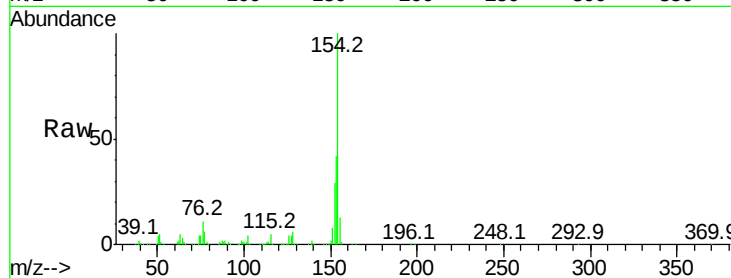




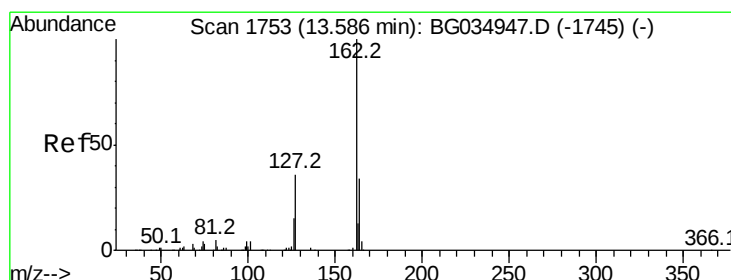
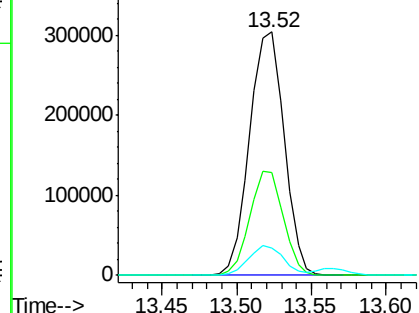
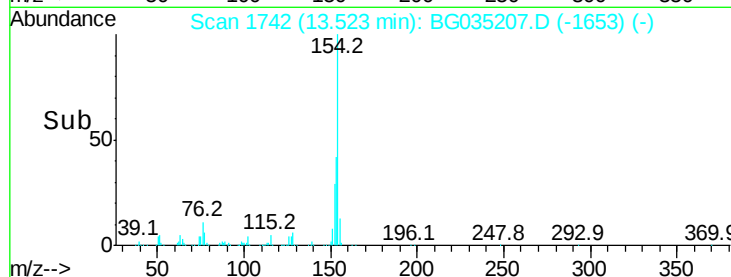
#45
 1,1'-Biphenyl
 Concen: 45.092 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	11.4	0.0	31.9

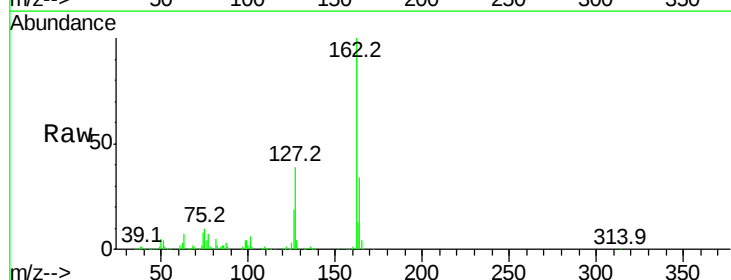


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

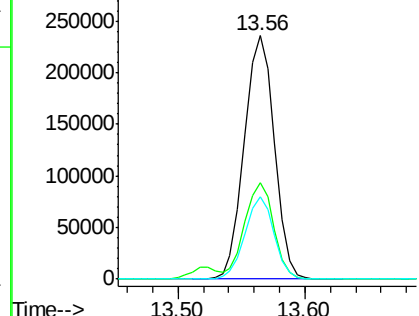
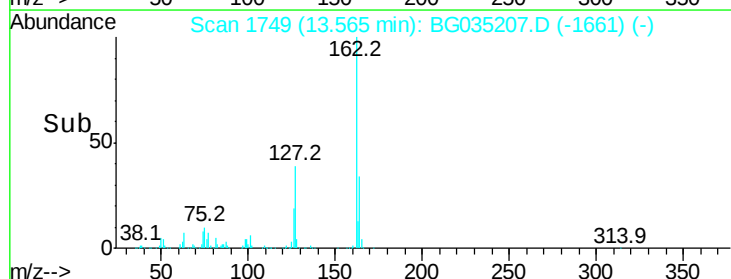


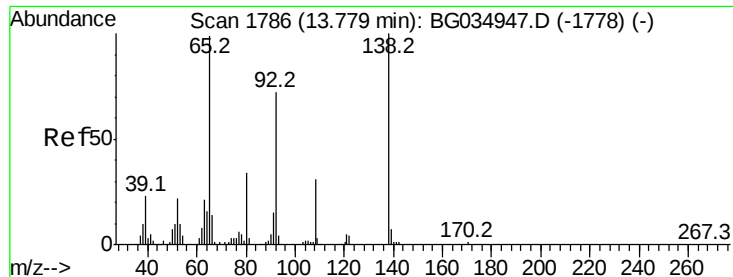
#46
 2-Chloronaphthalene
 Concen: 47.199 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	34.1	26.0	39.0



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: 58.365 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampled :

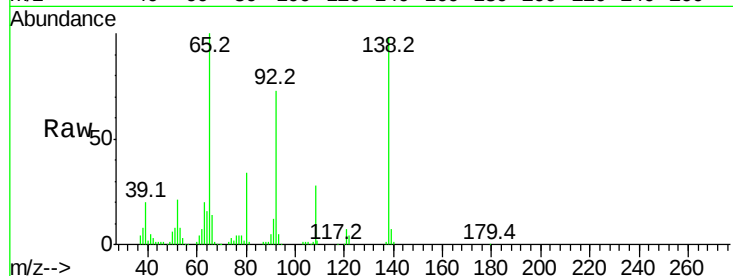
Tot Ion: 65 Resp: 141284

Ion Ratio Lower Upper

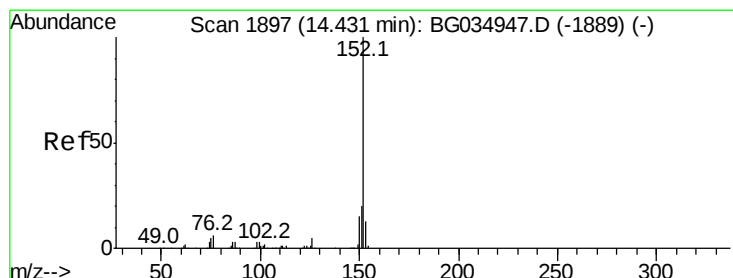
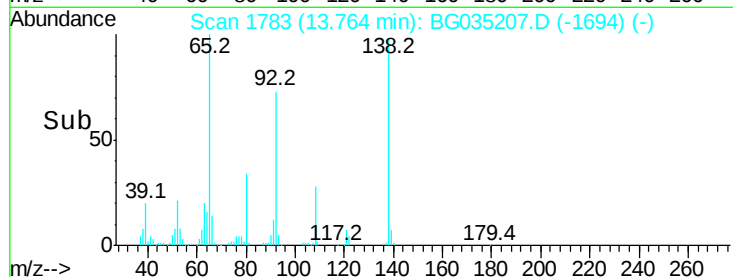
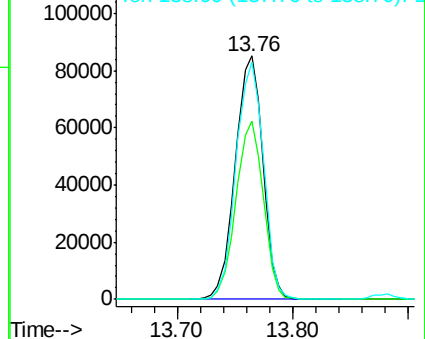
65 100

92 73.1 54.6 82.0

138 97.6 72.9 109.3



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: 47.965 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

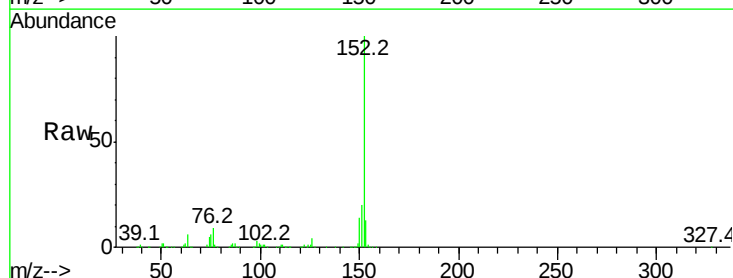
Tgt Ion: 152 Resp: 659314

Ion Ratio Lower Upper

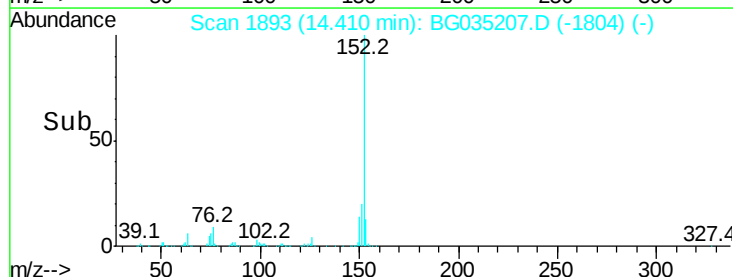
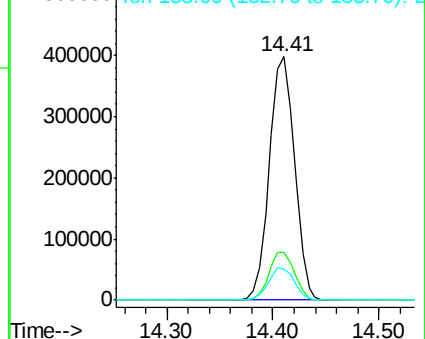
152 100

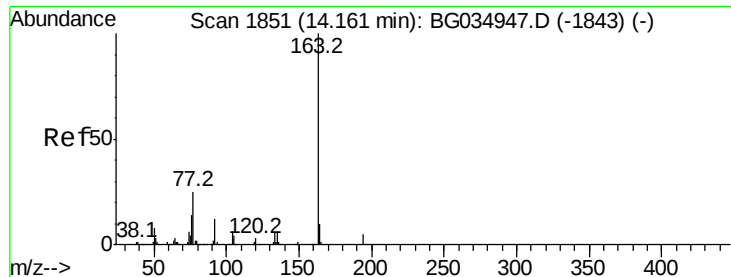
151 19.7 17.2 25.8

153 13.0 10.2 15.4



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

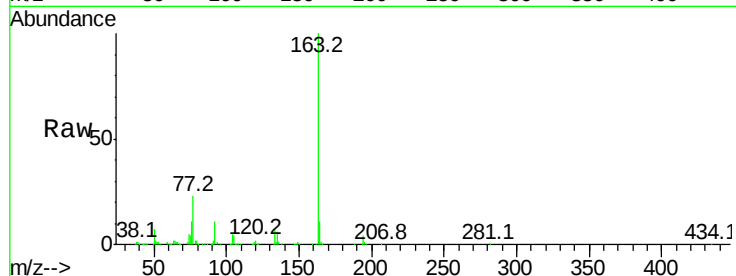




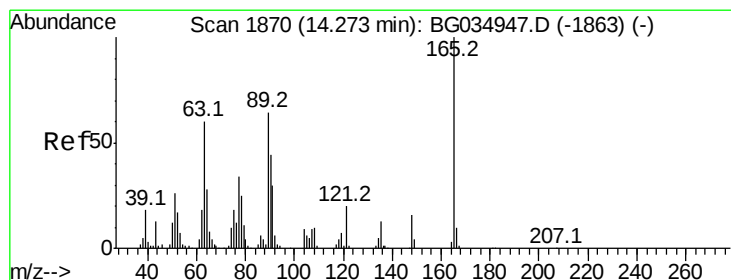
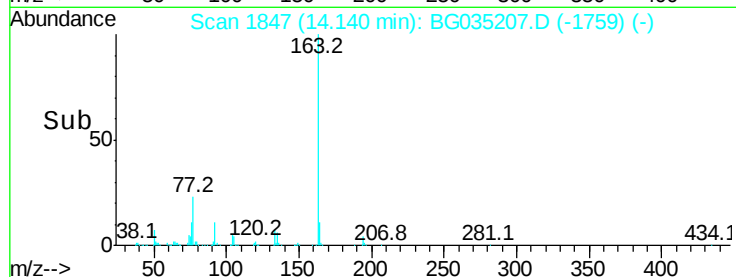
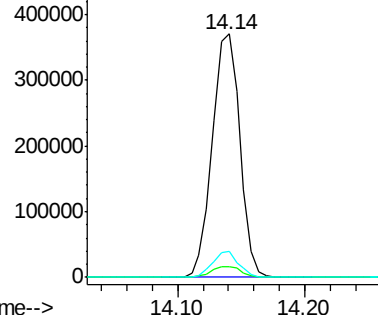
#49
Dimethylphthalate
Concen: 47.464 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 558098
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.5 8.2 12.4

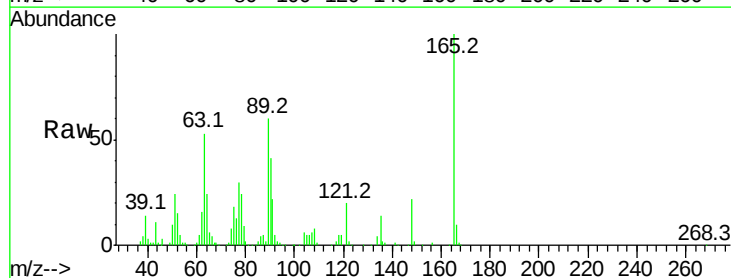


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

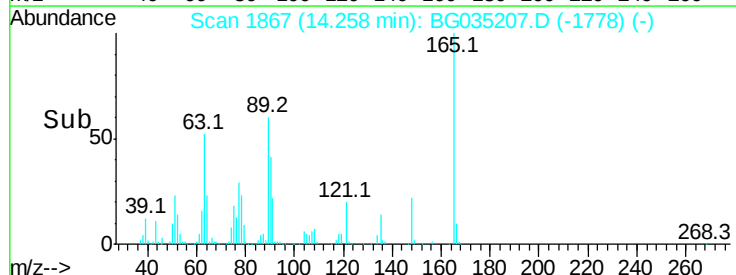
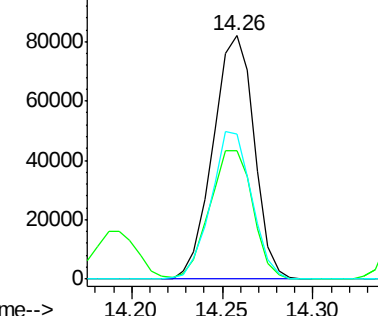


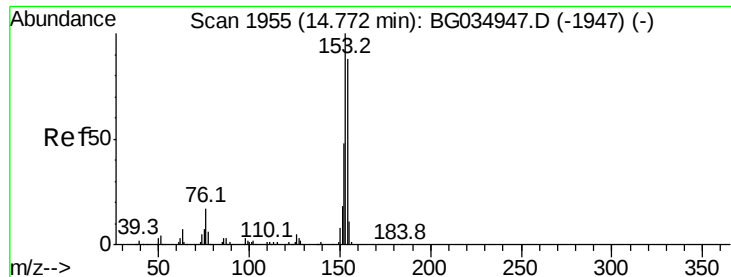
#50
2,6-Dinitrotoluene
Concen: 60.622 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:165 Resp: 130043
Ion Ratio Lower Upper
165 100
63 52.9 52.7 79.1
89 59.7 49.2 73.8



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





#51

Acenaphthene

Concen: 45.234 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

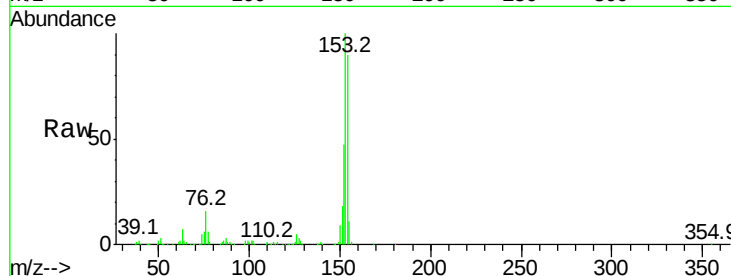
Tot Ion:154 Resp: 406253

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

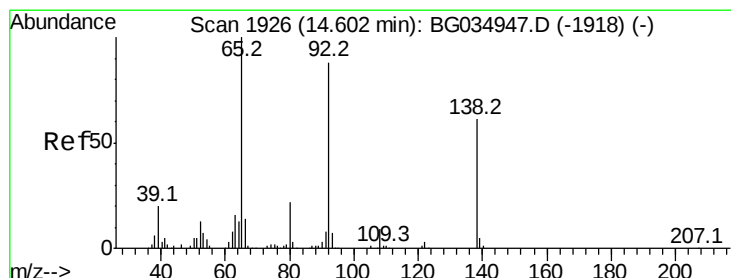
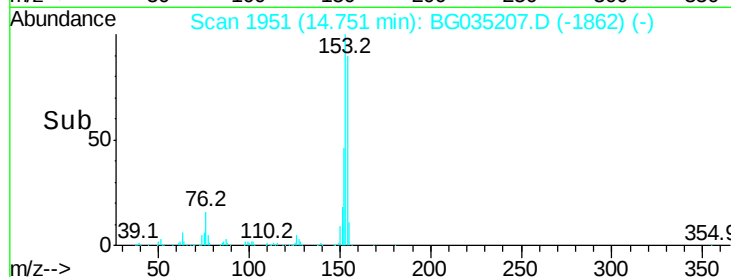
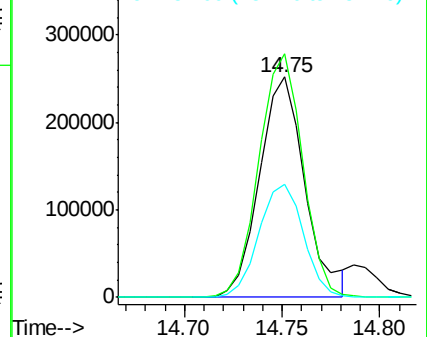
152 51.4 41.6 62.4



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: 14.528 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

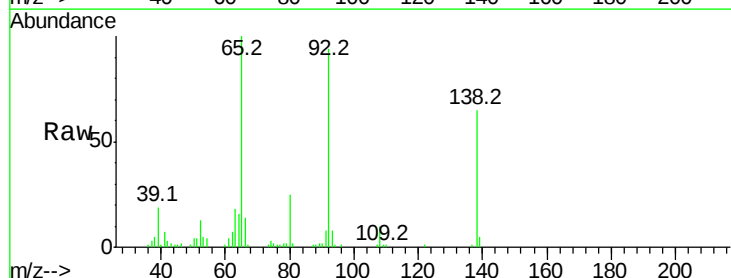
Tgt Ion:138 Resp: 30580

Ion Ratio Lower Upper

138 100

108 15.6 17.5 26.3#

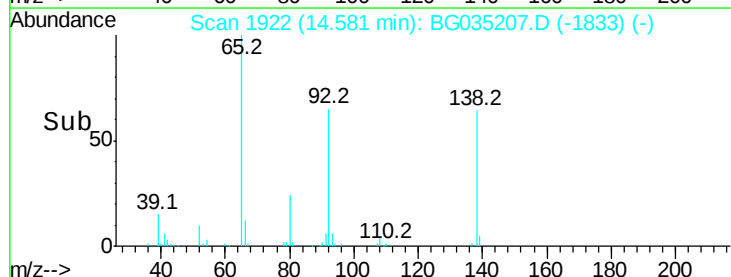
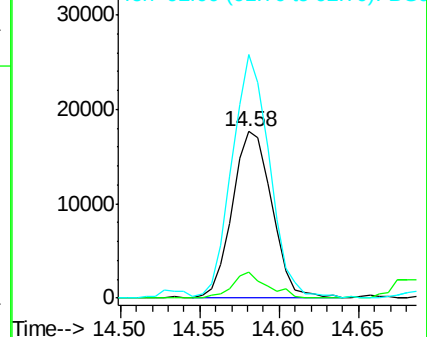
92 146.2 105.8 158.8

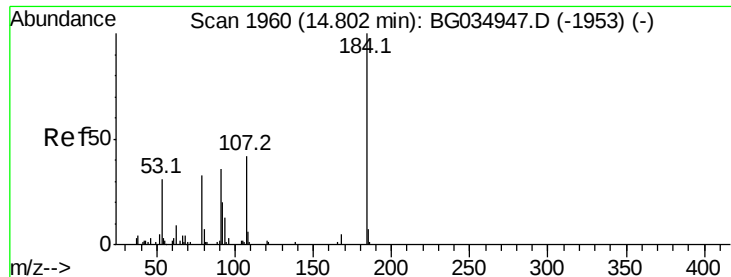


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 90.891 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

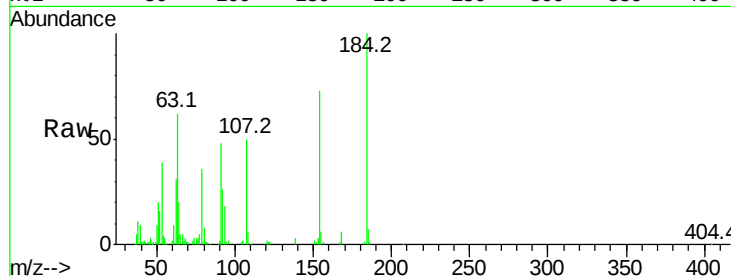
Tot Ion:184 Resp: 78907

Ion Ratio Lower Upper

184 100

63 61.8 59.8 89.8

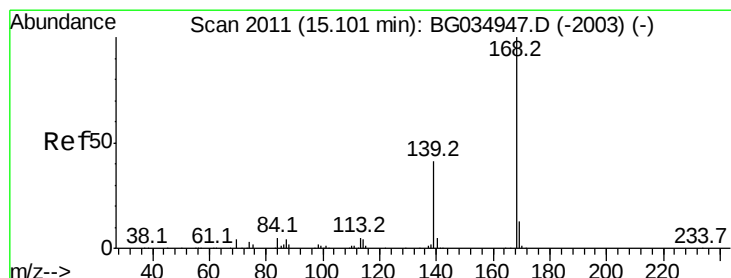
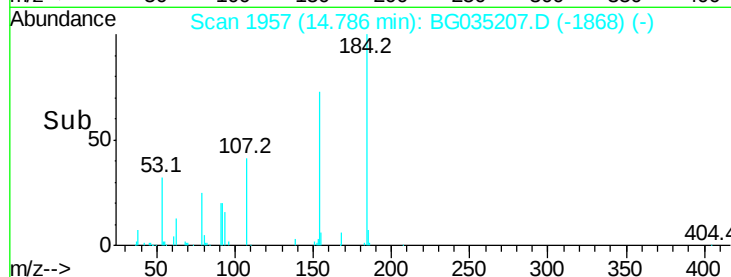
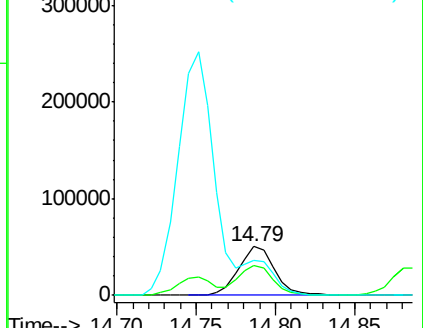
154 72.9 101.8 152.8#



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: 48.201 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

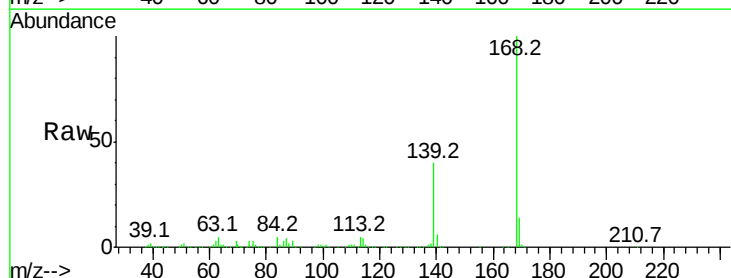
Tgt Ion:168 Resp: 648343

Ion Ratio Lower Upper

168 100

139 40.3 28.6 43.0

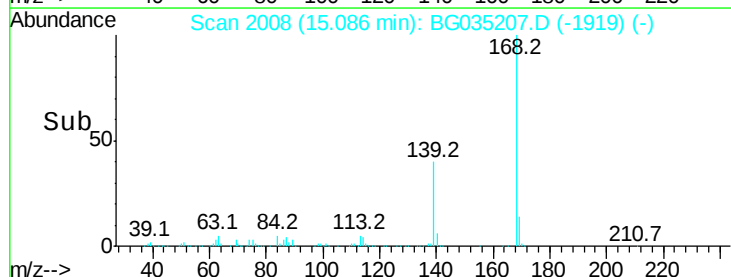
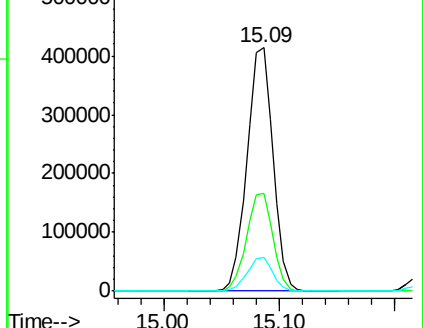
169 13.7 11.2 16.8

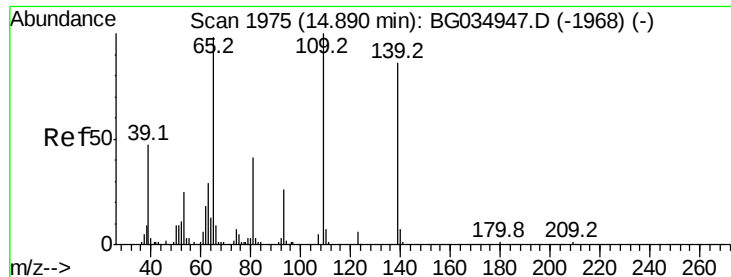


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

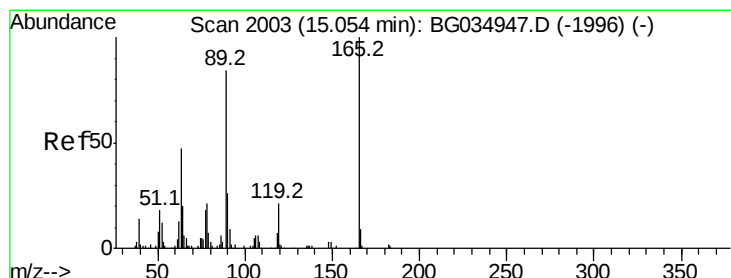
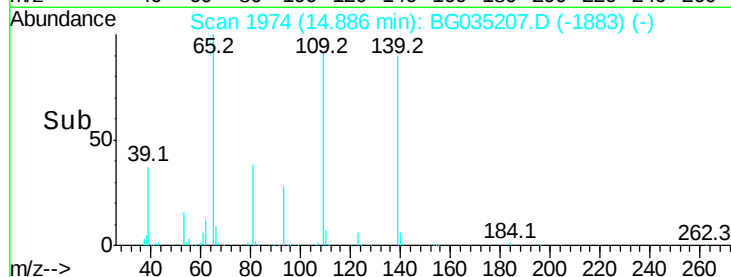
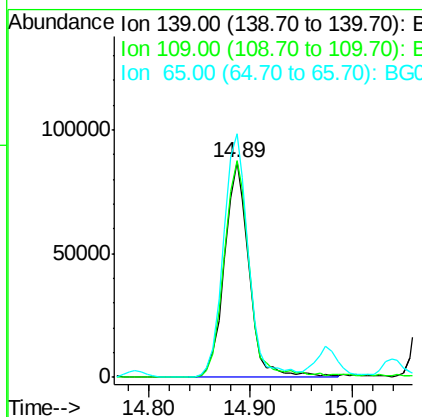
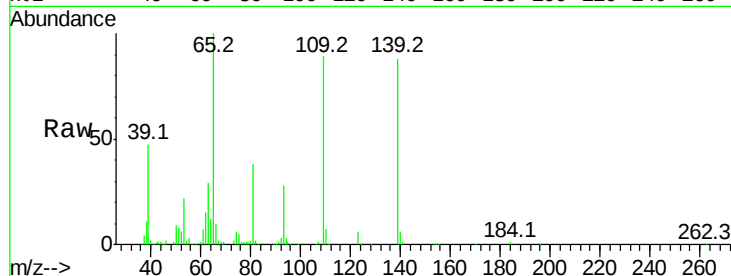




#55
4-Nitrophenol
Concen: 82.176 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

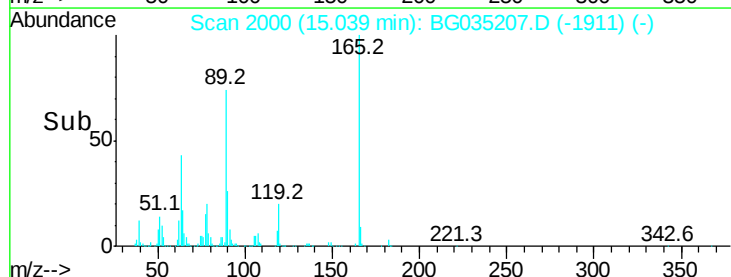
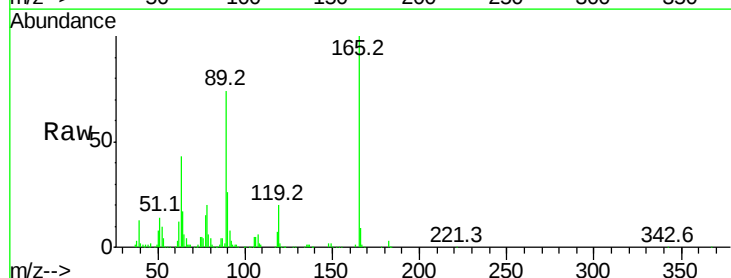
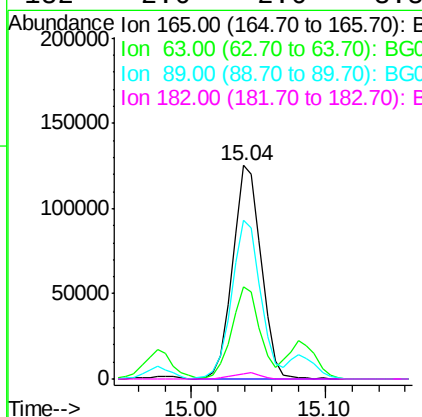
Instrument :
BNA_G
ClientSampleId :

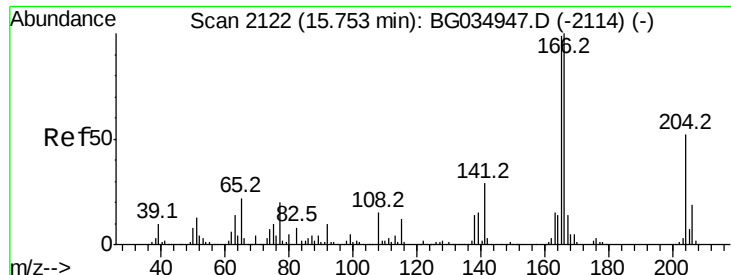
Tot Ion:139 Resp: 145986
Ion Ratio Lower Upper
139 100
109 101.0 62.2 102.2
65 113.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 65.077 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:165 Resp: 185442
Ion Ratio Lower Upper
165 100
63 43.3 42.0 63.0
89 74.3 66.9 100.3
182 2.6 2.6 3.8

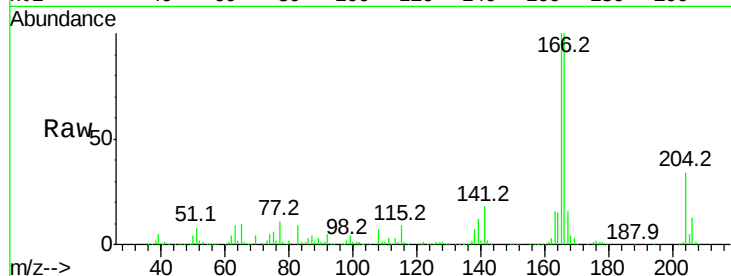




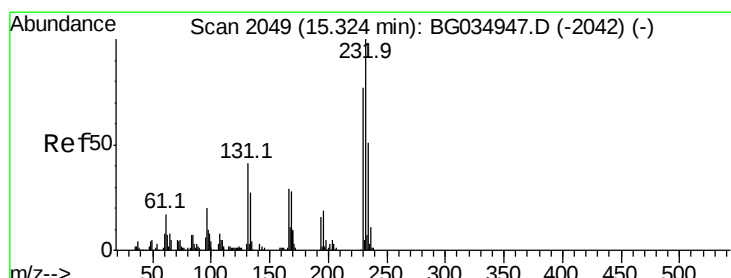
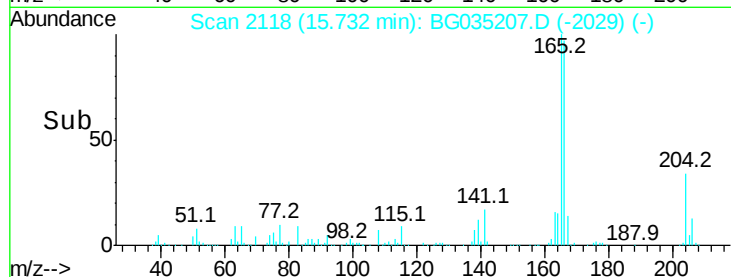
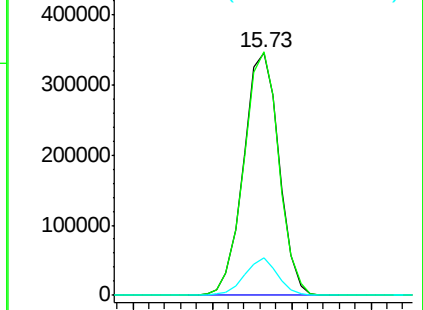
#57
 Fluorene
 Concen: 47.683 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 536020
 Ion Ratio Lower Upper
 166 100
 165 100.3 80.6 121.0
 167 15.6 10.4 15.6

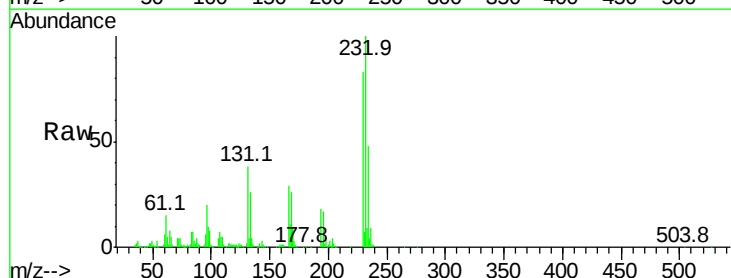


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

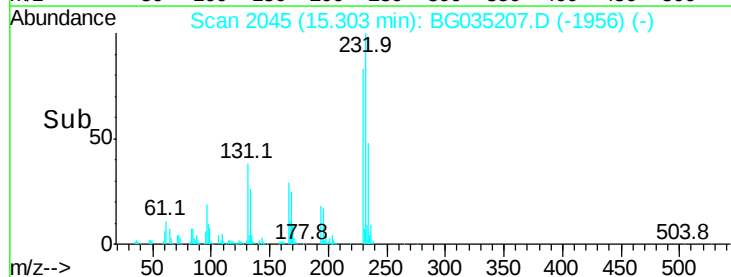
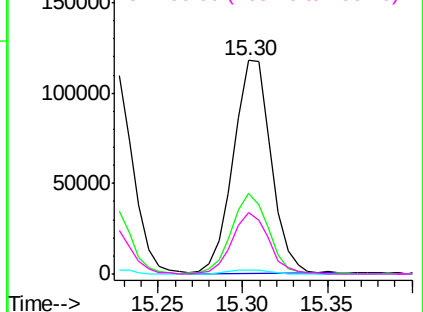


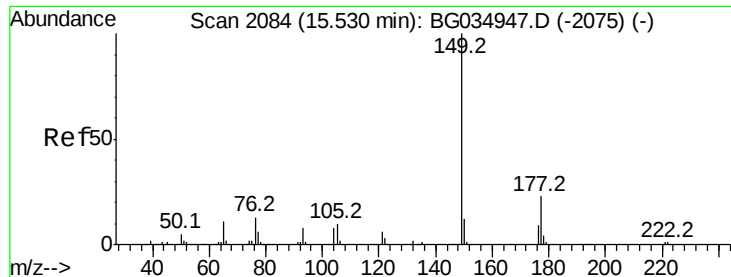
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.084 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion:232 Resp: 183049
 Ion Ratio Lower Upper
 232 100
 131 36.6 33.5 50.3
 130 2.2 2.2 3.2
 166 28.2 24.8 37.2



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

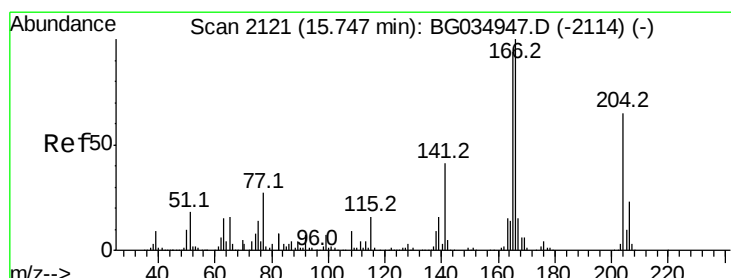
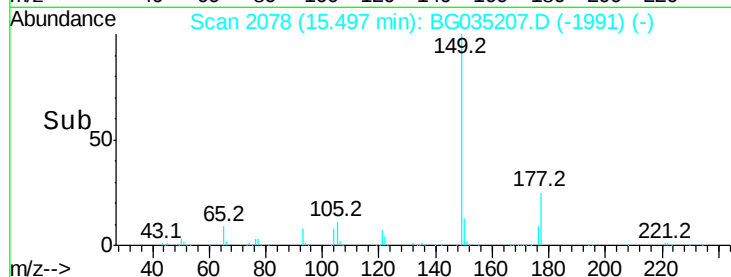
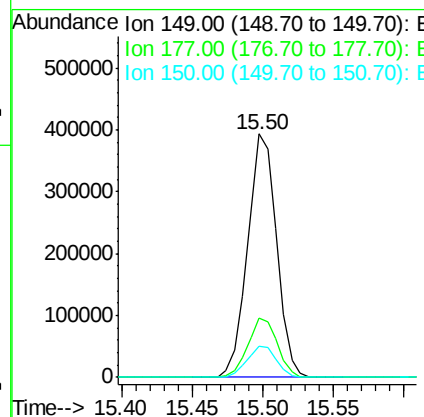
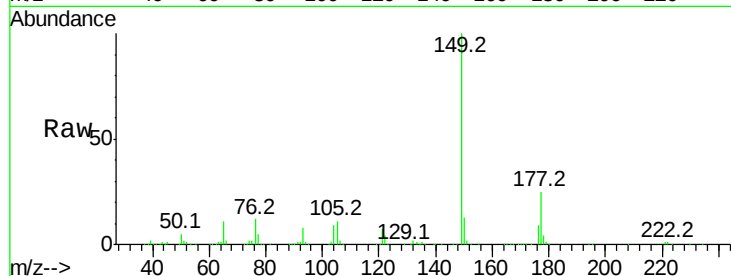




#59
Diethylphthalate
Concen: 47.039 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

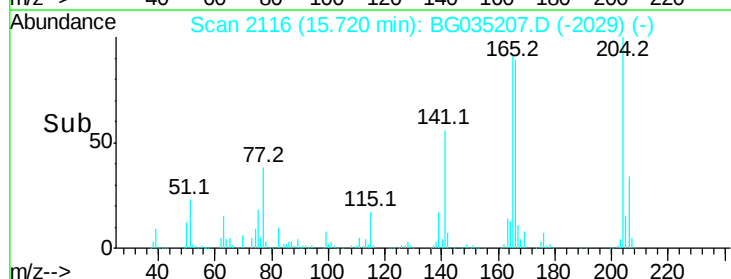
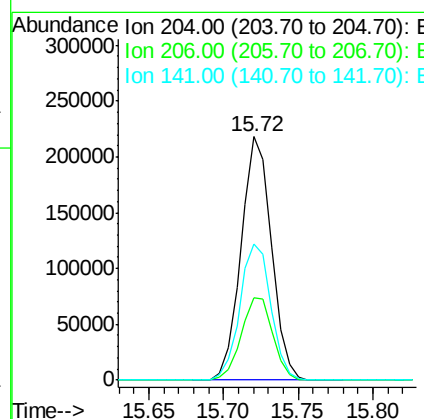
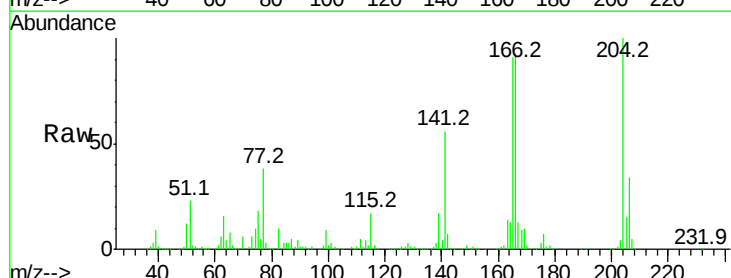
Instrument :
BNA_G
ClientSampled :

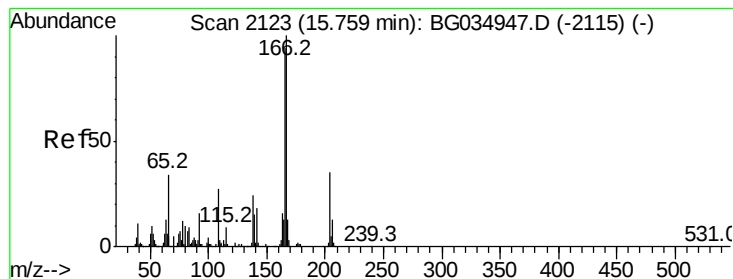
Tot Ion:149 Resp: 564307
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.025 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:204 Resp: 307846
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 56.2 45.8 68.6





#61

4-Nitroaniline

Concen: 54.065 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

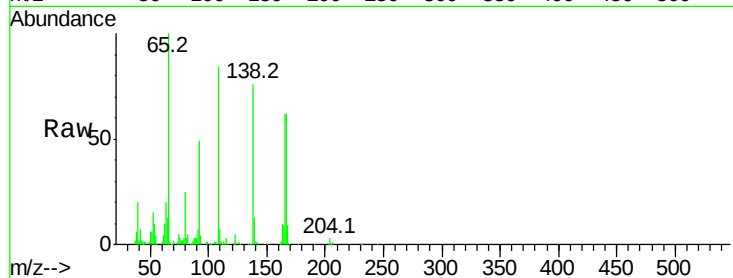
Tot Ion:138 Resp: 122047

Ion Ratio Lower Upper

138 100

92 64.4 40.1 80.1

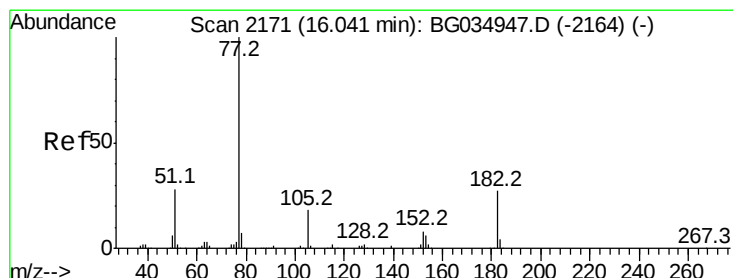
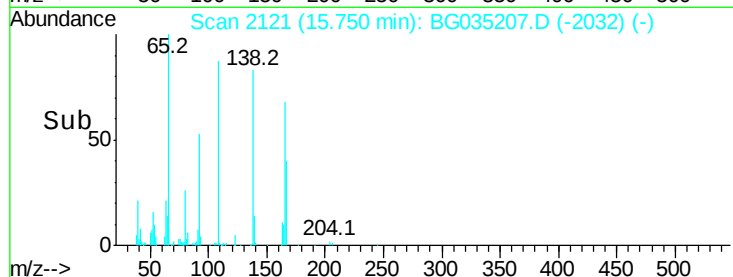
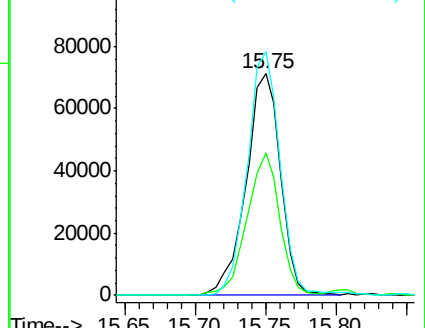
108 110.1 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.267 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Tgt Ion: 77 Resp: 567419

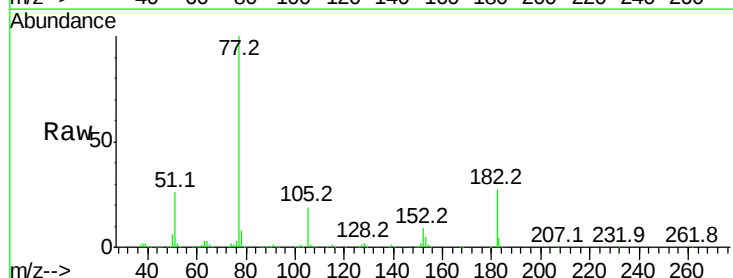
Ion Ratio Lower Upper

77 100

182 27.0 7.4 47.4

105 19.1 0.3 40.3

51 25.6 11.6 51.6

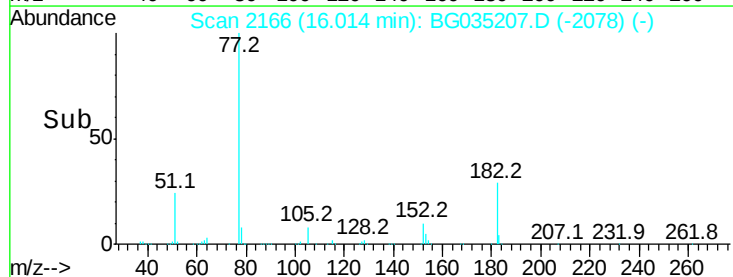
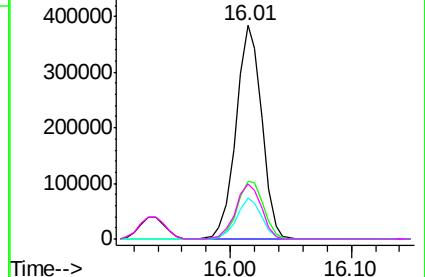


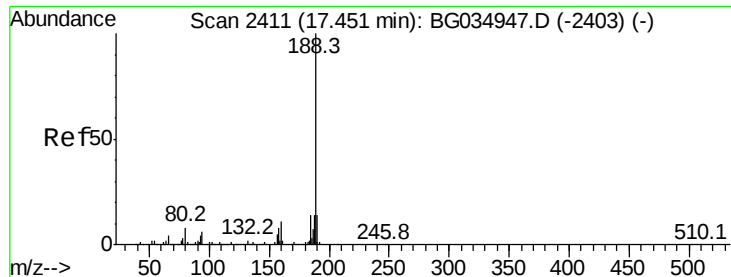
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

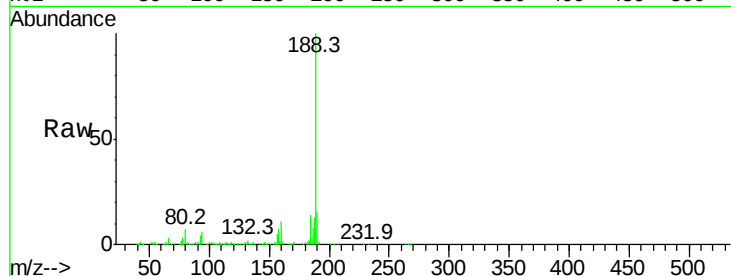
Tot Ion:188 Resp: 363857

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

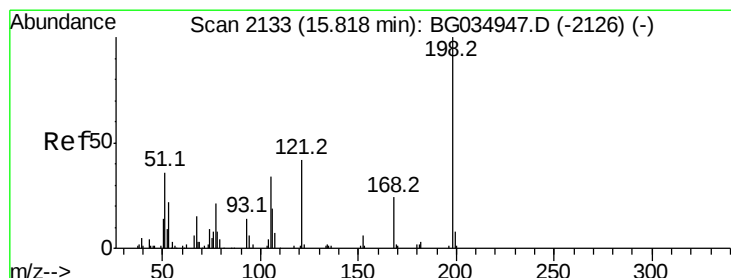
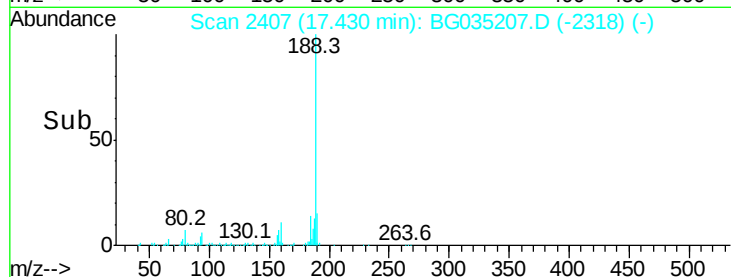
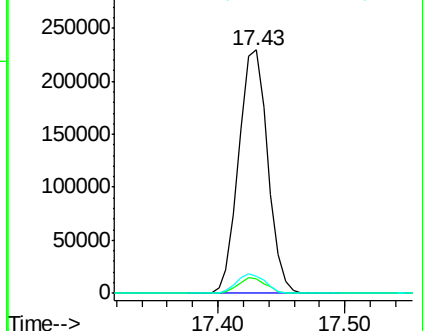
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.116 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

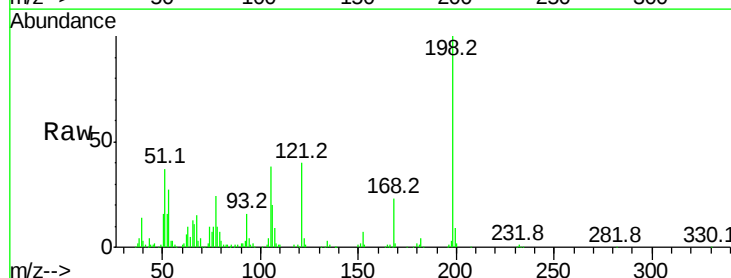
Tgt Ion:198 Resp: 81594

Ion Ratio Lower Upper

198 100

51 36.6 30.6 70.6

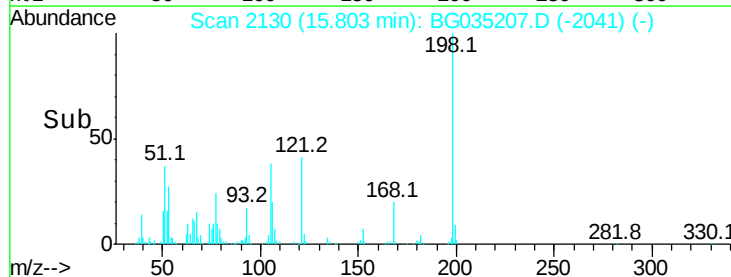
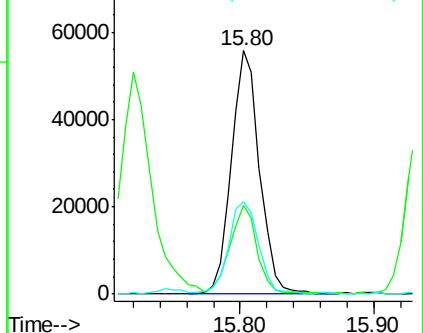
105 38.0 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.707 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

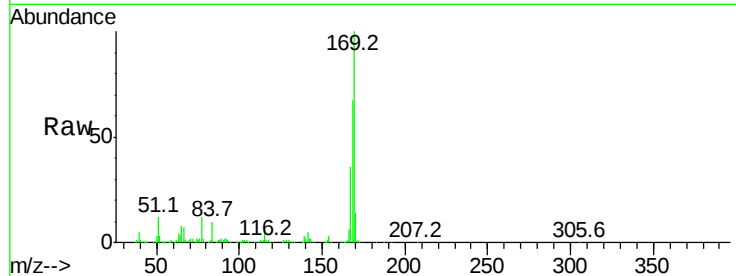
Tot Ion:169 Resp: 488515

Ion Ratio Lower Upper

169 100

168 67.1 55.7 83.5

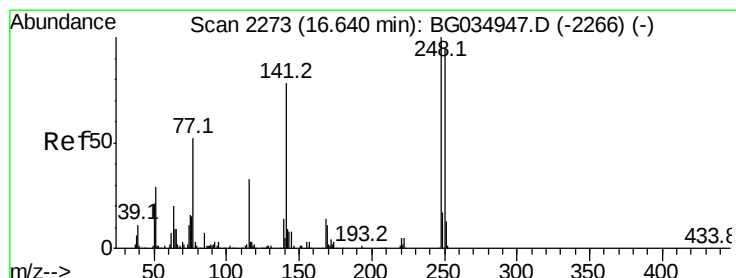
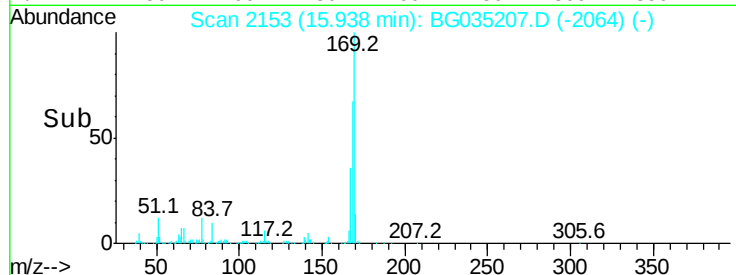
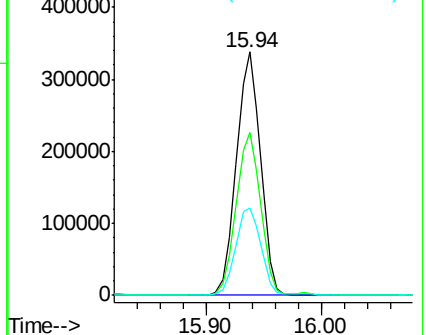
167 36.0 30.1 45.1



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: 49.445 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

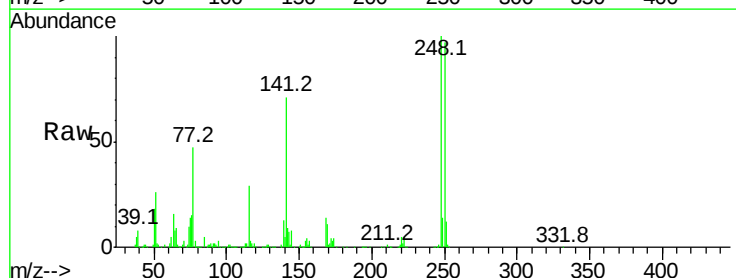
Tgt Ion:248 Resp: 216654

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

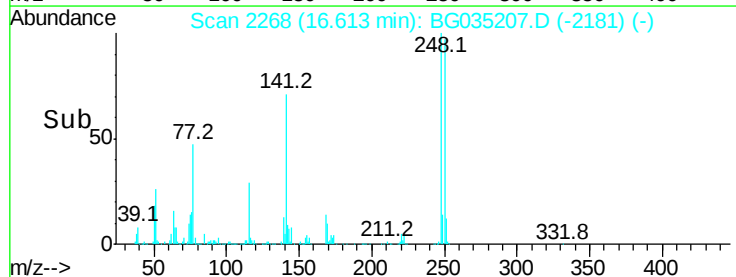
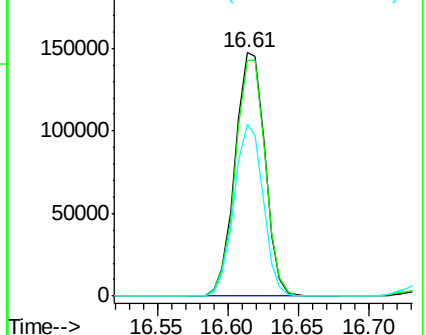
141 70.6 50.8 76.2

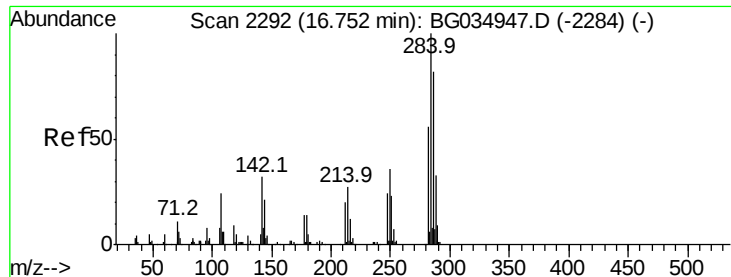


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.402 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

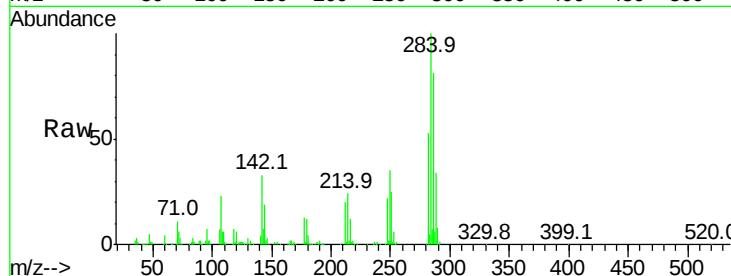
Tot Ion:284 Resp: 215864

Ion Ratio Lower Upper

284 100

142 33.0 26.8 40.2

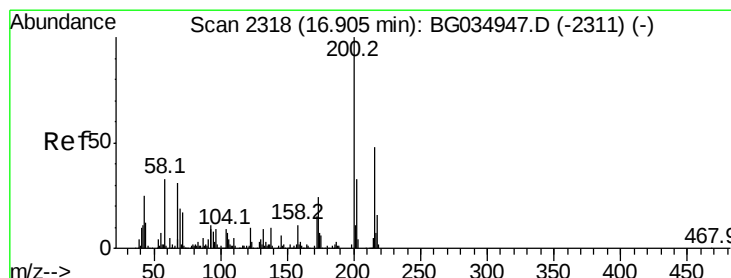
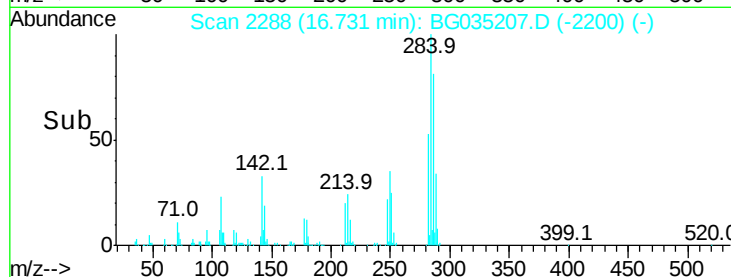
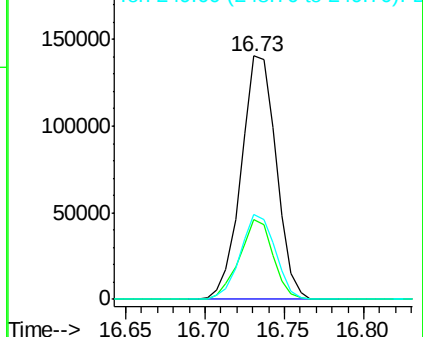
249 34.9 26.3 39.5



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: 47.539 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

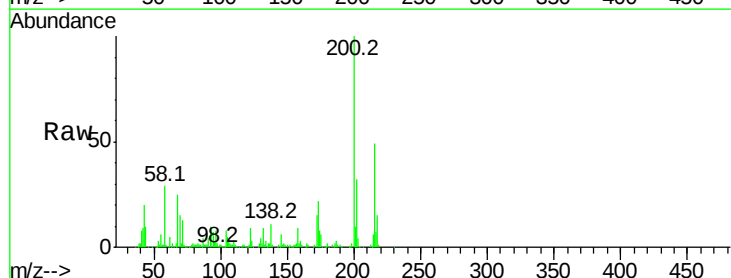
Tgt Ion:200 Resp: 221524

Ion Ratio Lower Upper

200 100

173 21.8 5.2 45.2

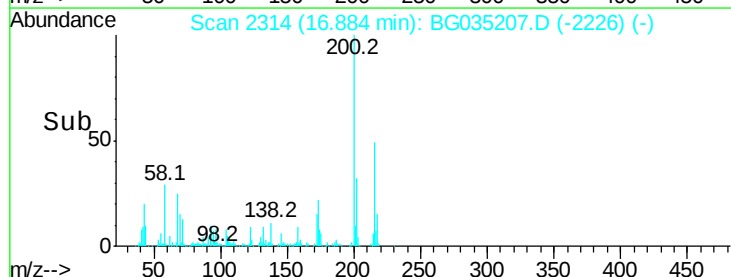
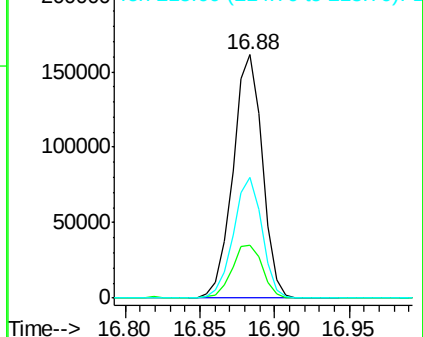
215 49.3 30.4 70.4

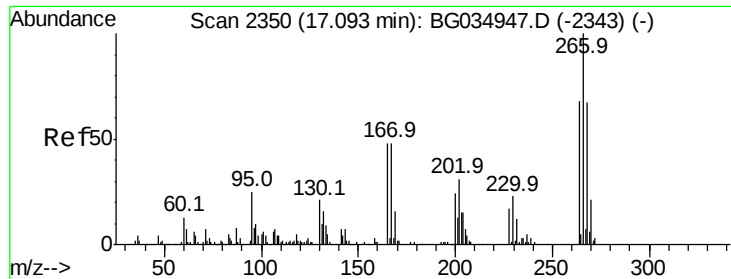


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

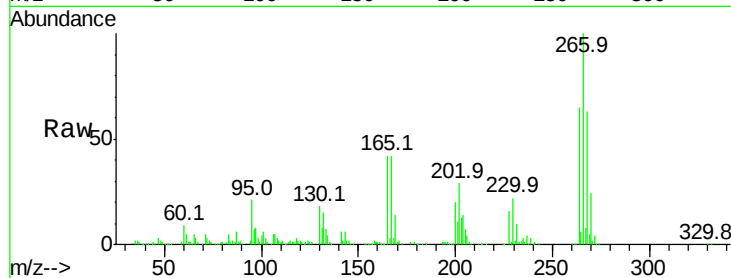




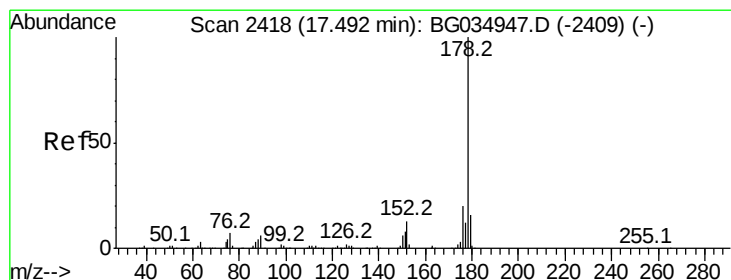
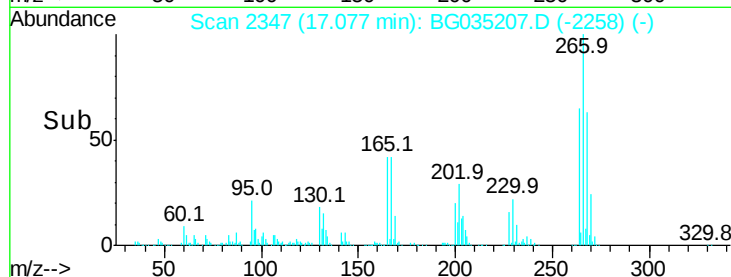
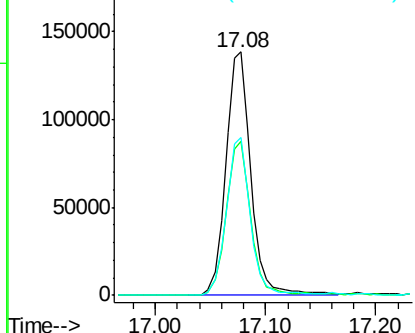
#69
 Pentachlorophenol
 Concen: 73.240 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	64.8	49.6	74.4

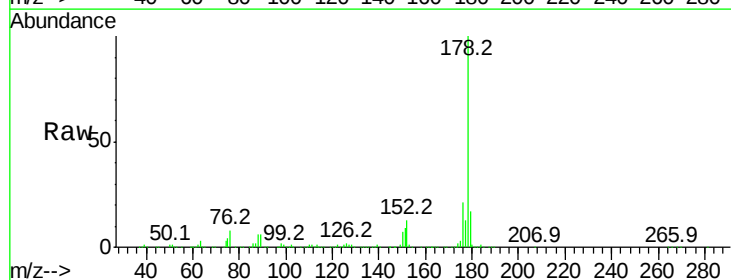


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

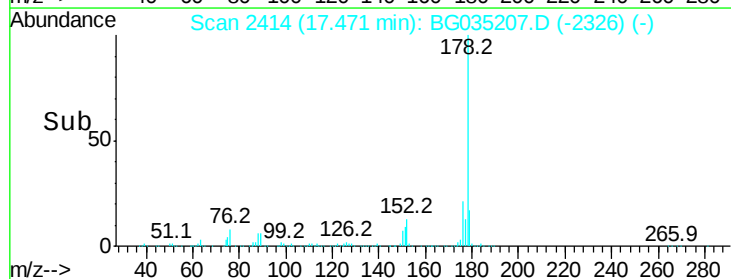
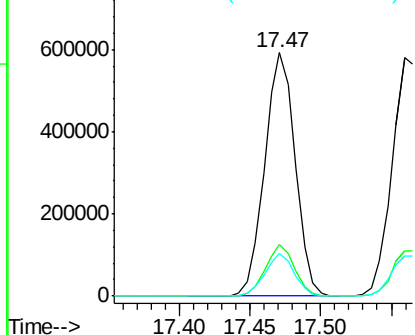


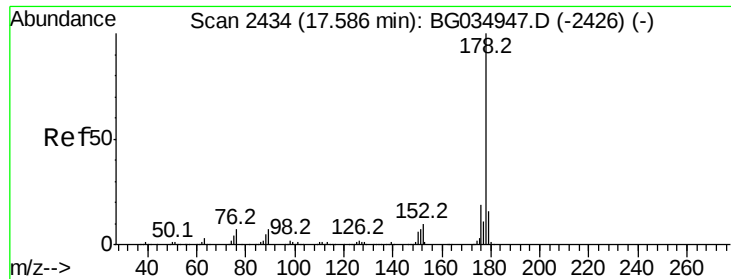
#70
 Phenanthrene
 Concen: 48.486 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	17.4	12.5	18.7



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

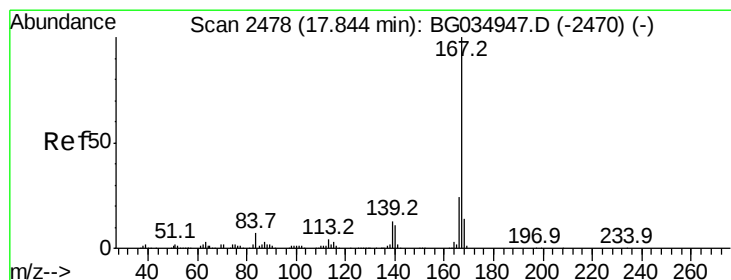
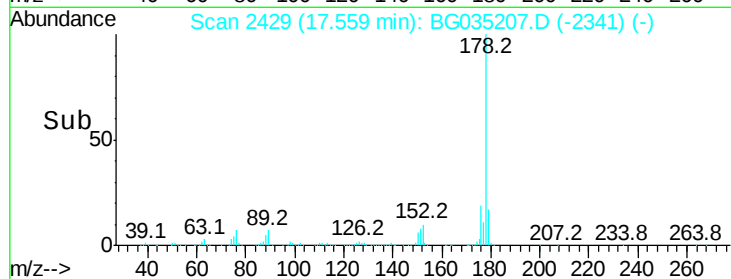
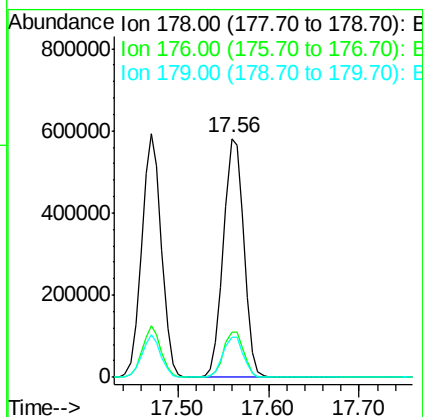
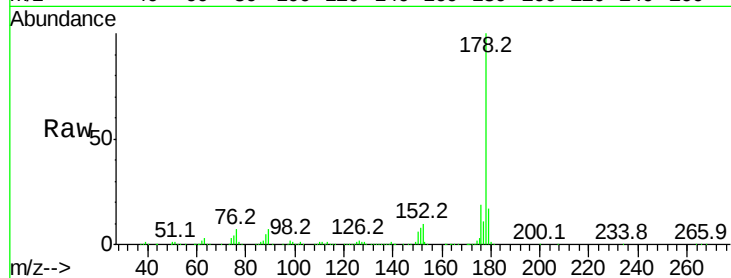




#71
 Anthracene
 Concen: 48.994 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

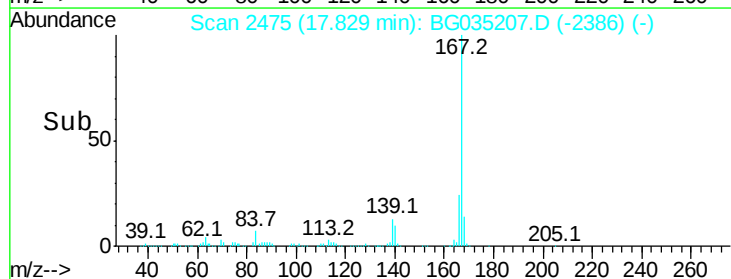
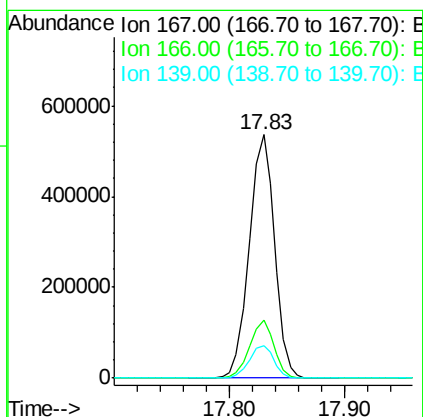
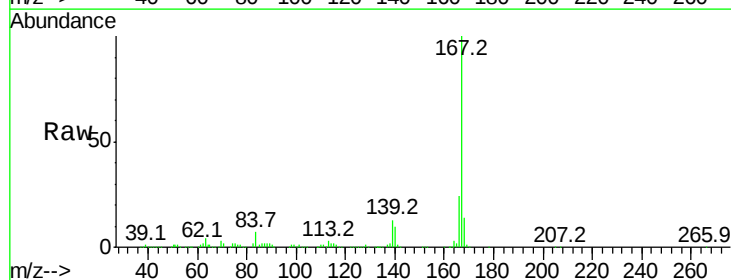
Instrument :
 BNA_G
 ClientSampleId :

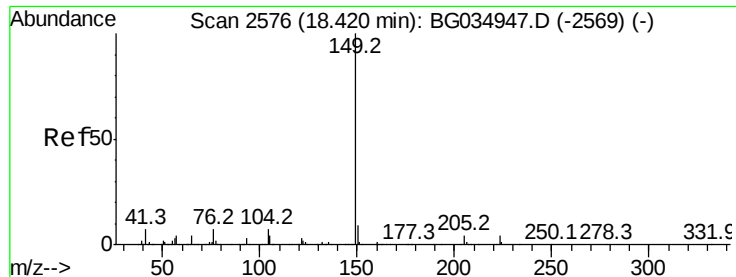
Tot Ion:178 Resp: 907090
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 47.664 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion:167 Resp: 818795
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.946 ng

RT: 18.39 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

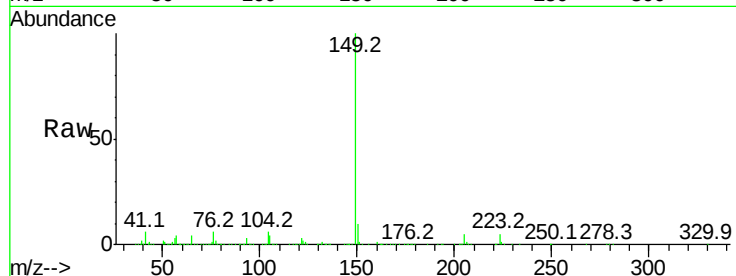
Tot Ion:149 Resp: 940731

Ion Ratio Lower Upper

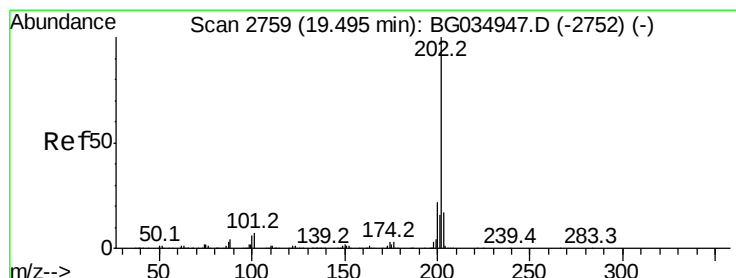
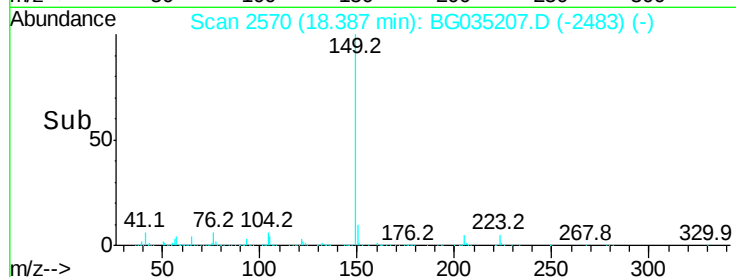
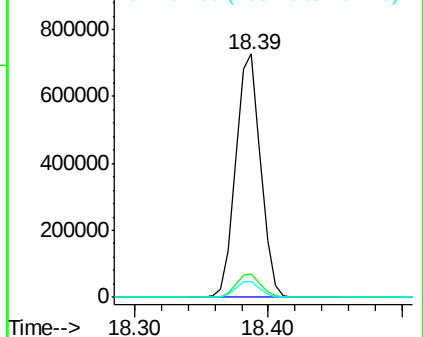
149 100

150 9.5 7.8 11.6

104 6.4 3.9 5.9#



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



#74

Fluoranthene

Concen: 47.812 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

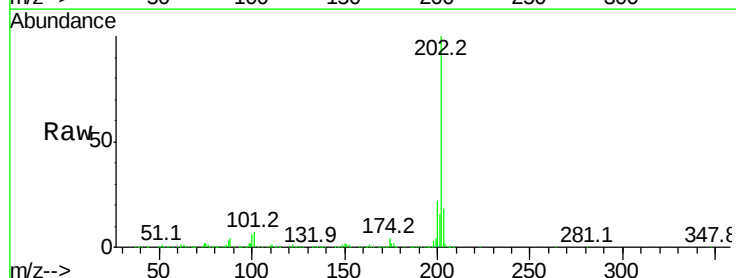
Tgt Ion:202 Resp: 1149960

Ion Ratio Lower Upper

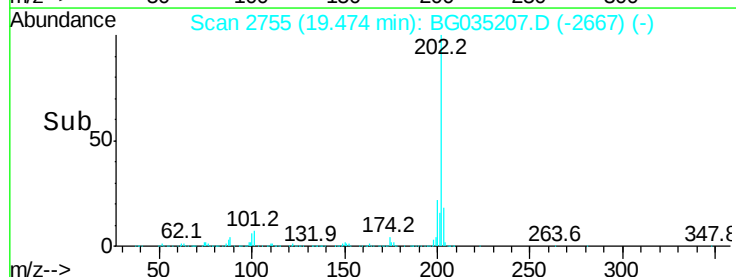
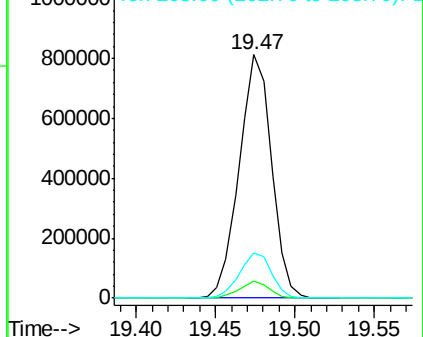
202 100

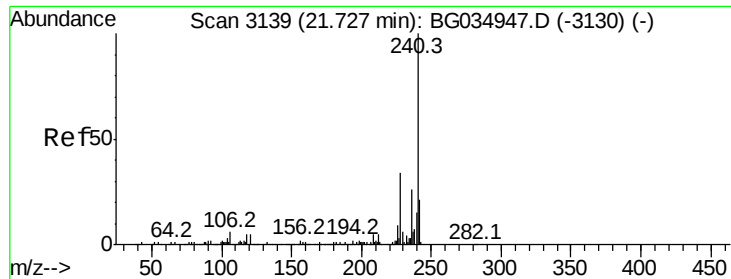
101 6.8 0.0 28.9

203 18.3 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

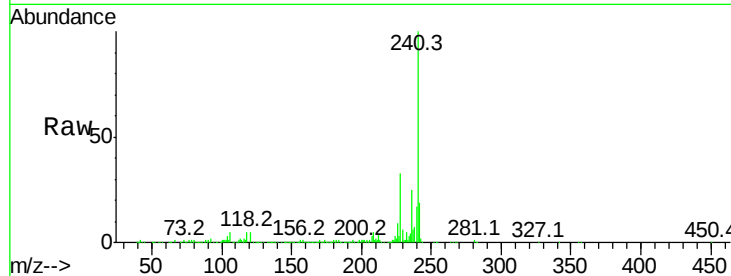
Tot Ion:240 Resp: 378745

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

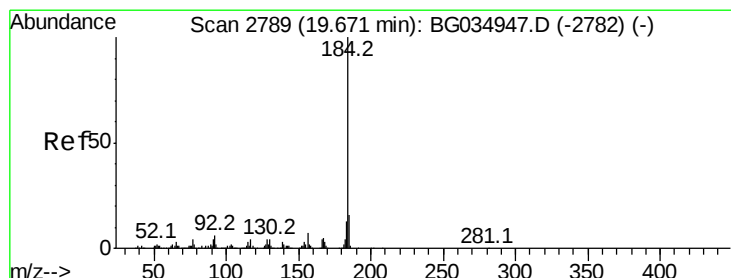
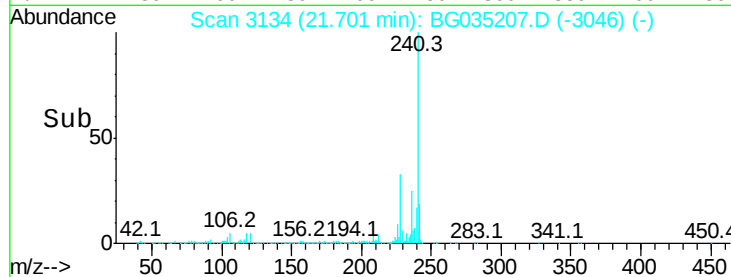
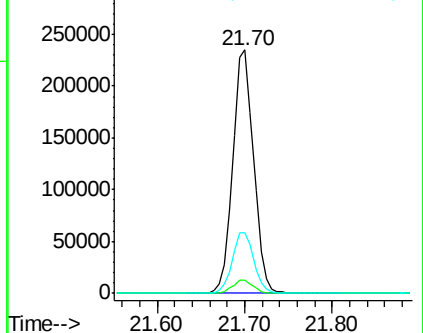
236 25.0 20.9 31.3



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: 6.326 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

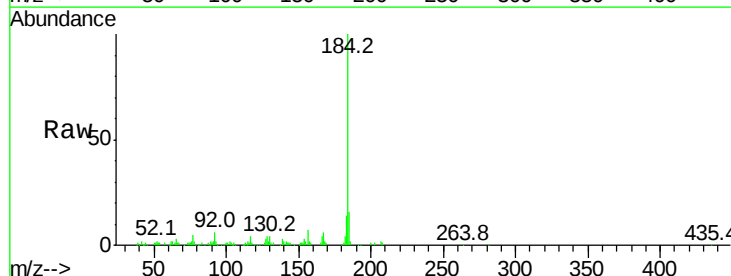
Tgt Ion:184 Resp: 89137

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

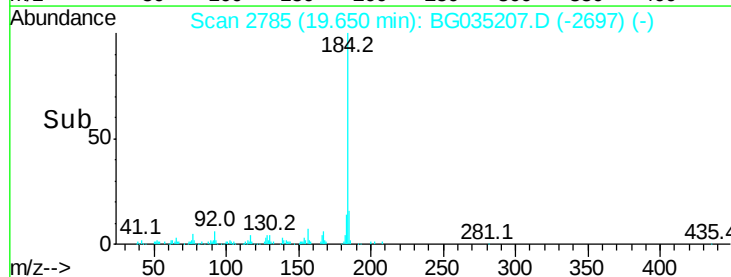
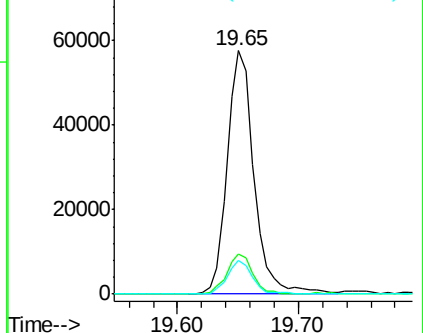
183 14.0 10.6 16.0

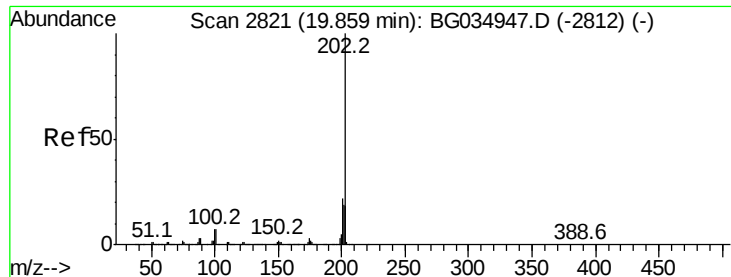


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

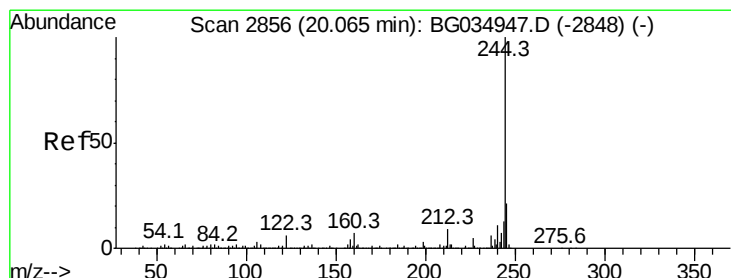
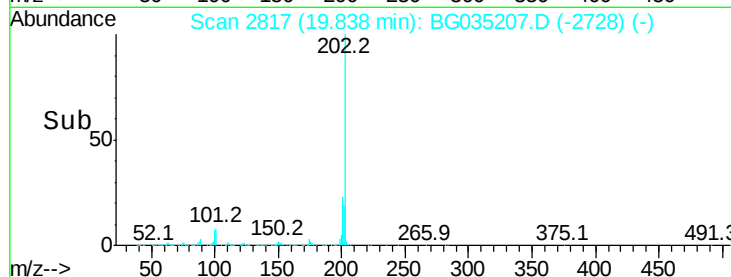
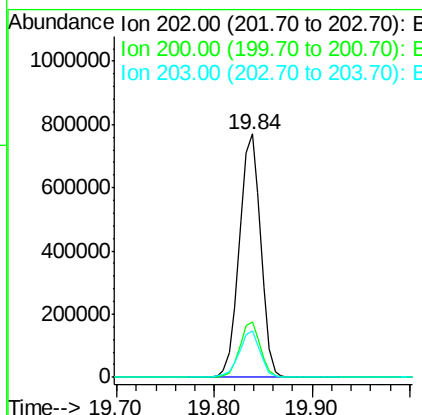
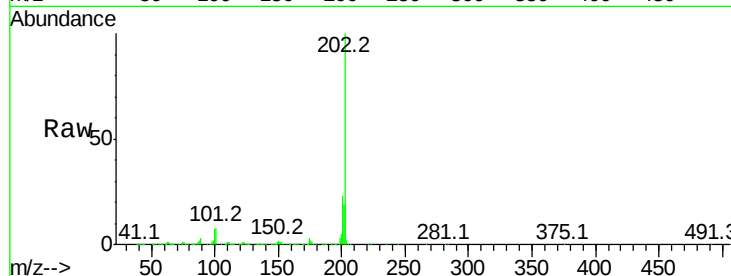




#77
Pvrene
Concen: 46.552 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

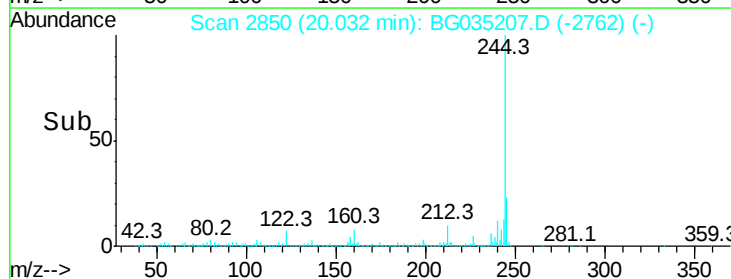
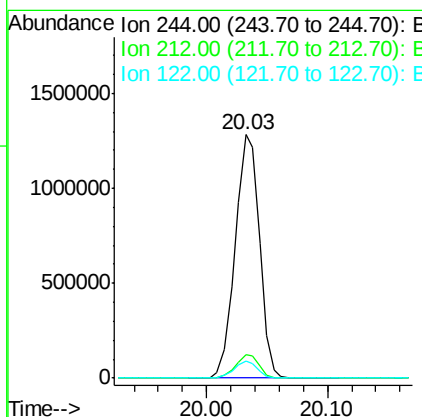
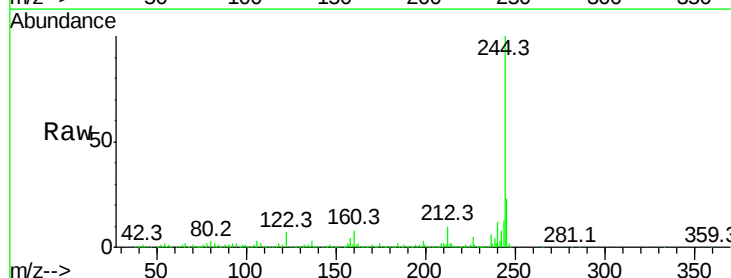
Instrument :
BNA_G
ClientSampleId :

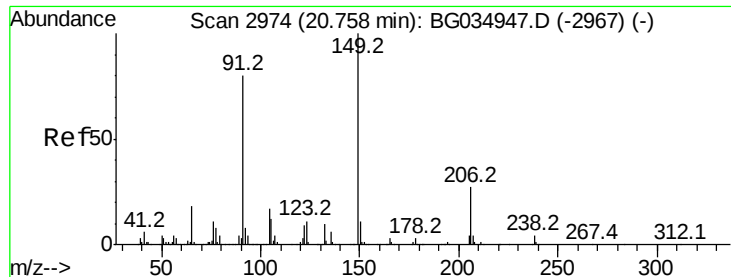
Tot Ion:202 Resp: 1162337
Ion Ratio Lower Upper
202 100
200 23.0 16.9 25.3
203 18.9 13.9 20.9



#78
Terphenyl-d14
Concen: 99.243 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:244 Resp: 1794450
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 7.2 7.0 10.4

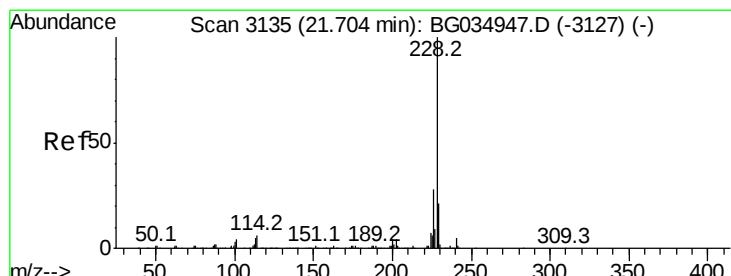
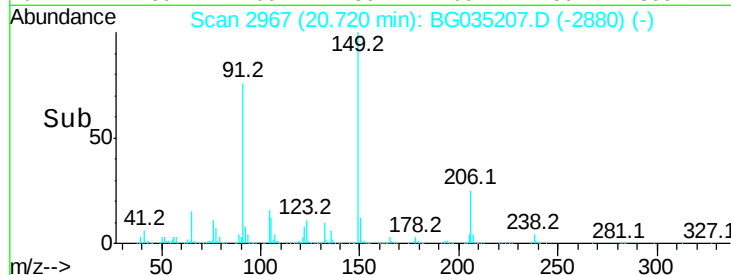
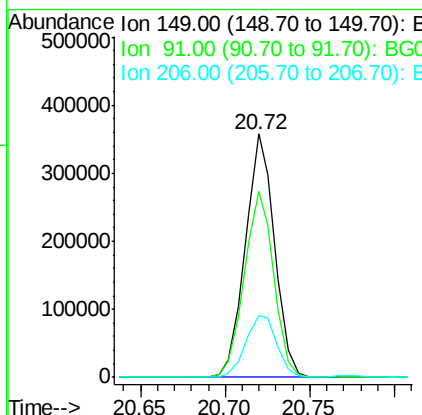
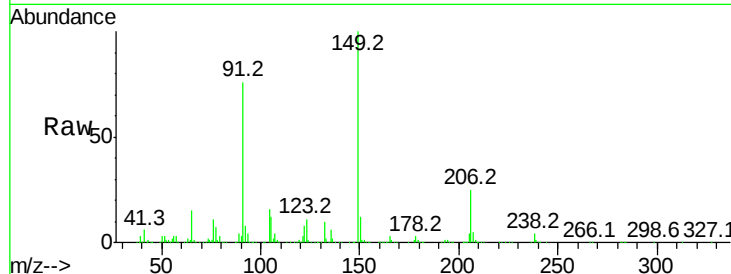




#79
 Butylbenzylphthalate
 Concen: 47.492 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

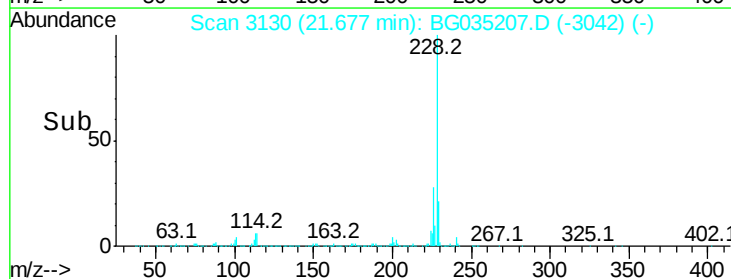
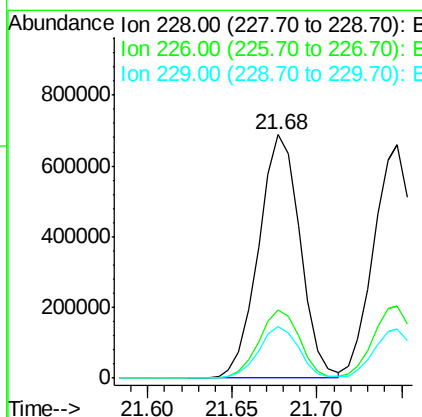
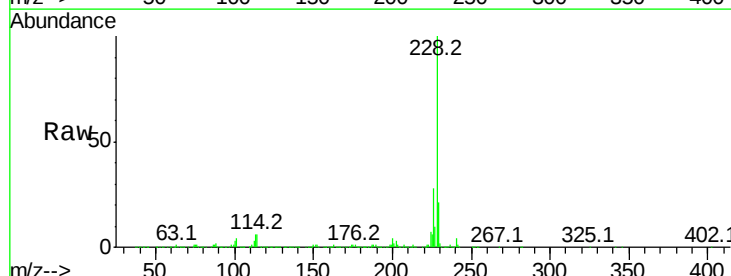
Instrument :
 BNA_G
 ClientSampled :

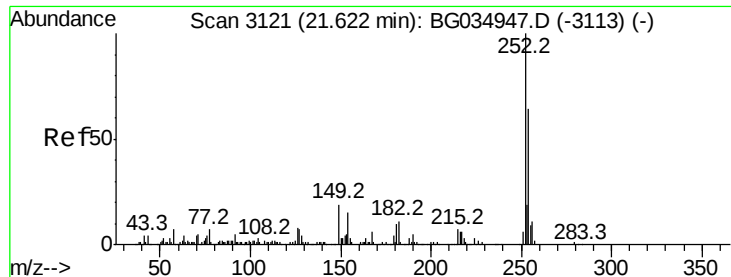
Tot Ion:	149	Resp:	430591
Ion	Ratio	Lower	Upper
149	100		
91	76.1	62.2	93.2
206	25.4	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 48.530 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion:	228	Resp:	1174562
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	21.2	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 13.540 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG035207.D

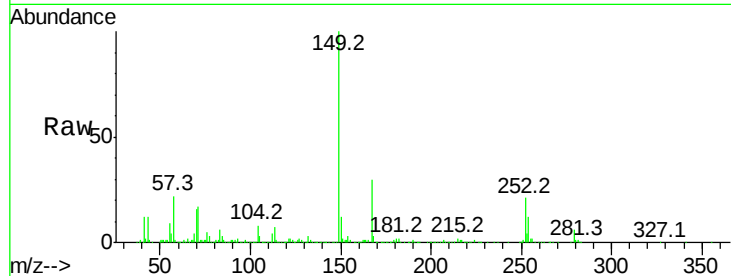
Acq: 16 Jun 2018 14:22

Instrument :

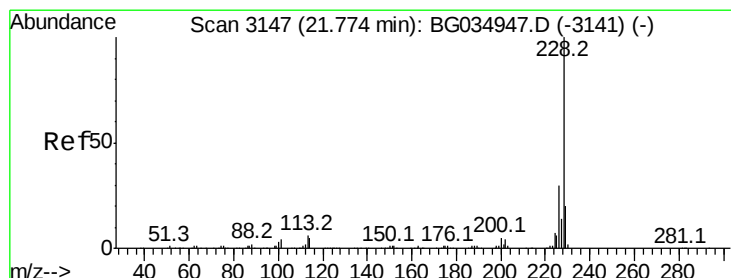
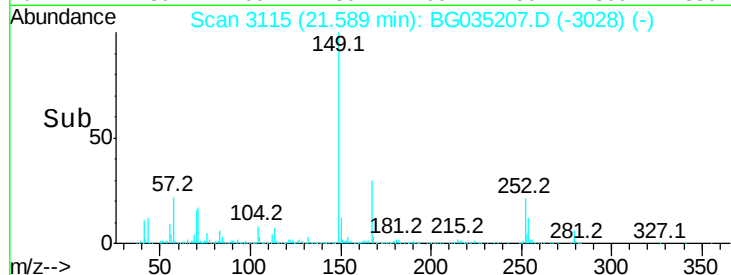
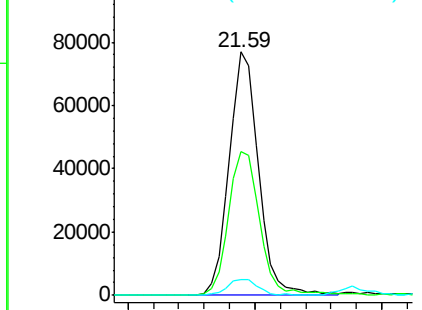
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	123293
Ion	Ratio	Lower	Upper
252	100		
254	59.1	50.8	76.2
126	6.4	7.4	11.2#



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: 49.265 ng

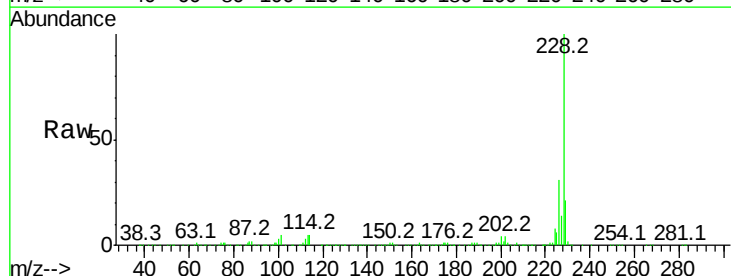
RT: 21.75 min Scan# 3142

Delta R.T. -0.02 min

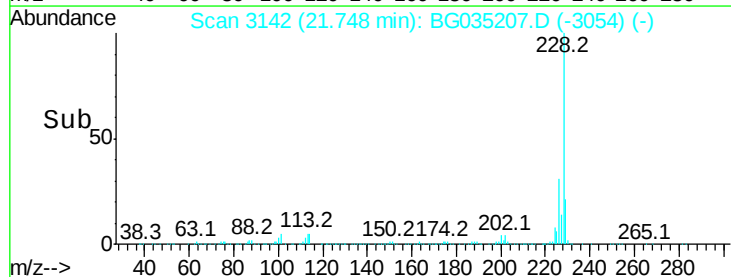
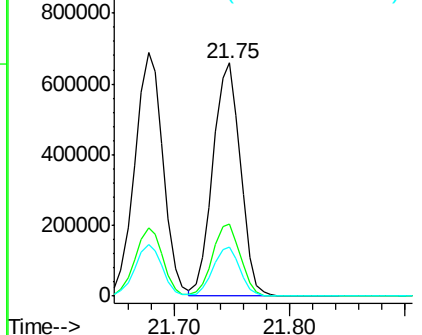
Lab File: BG035207.D

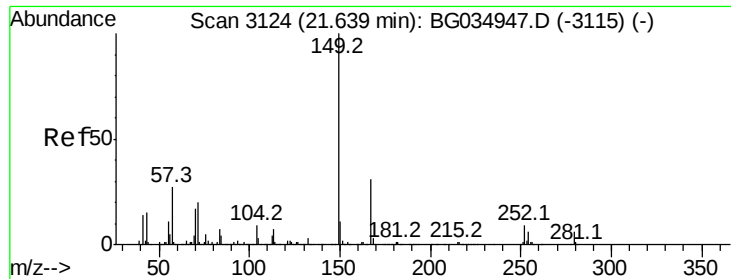
Acq: 16 Jun 2018 14:22

Tgt Ion:	228	Resp:	1091697
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.8	15.0	22.4



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

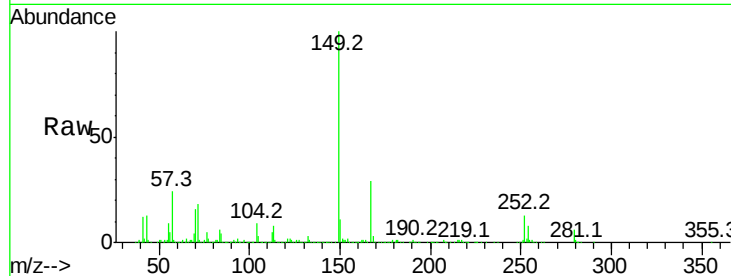




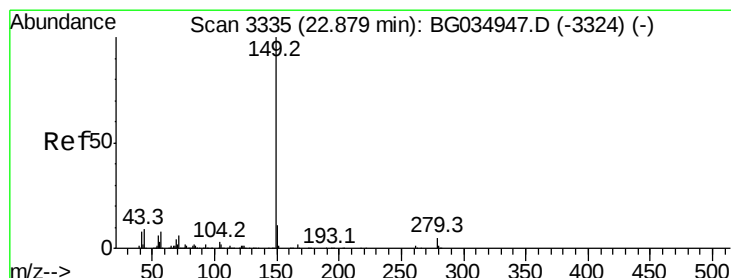
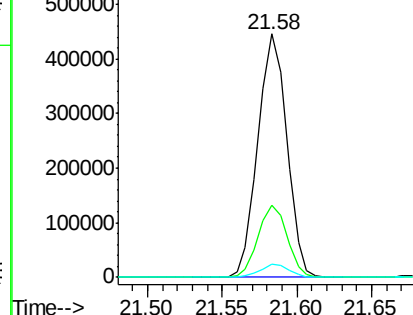
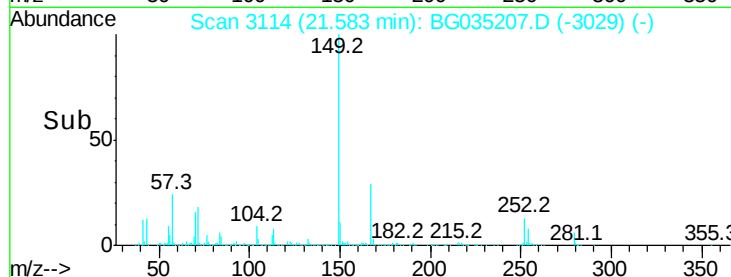
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.451 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.3	36.5
279	5.6	4.0	6.0

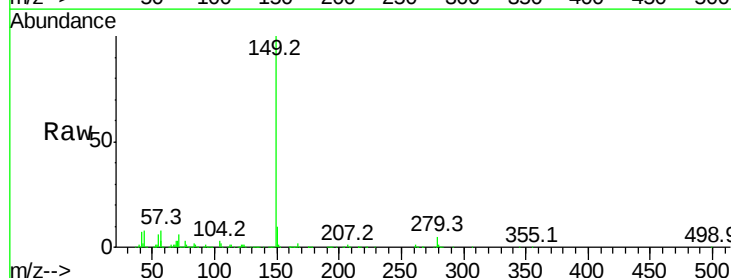


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

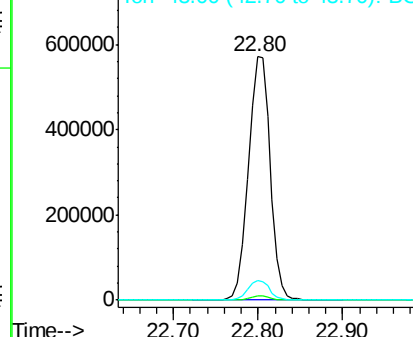
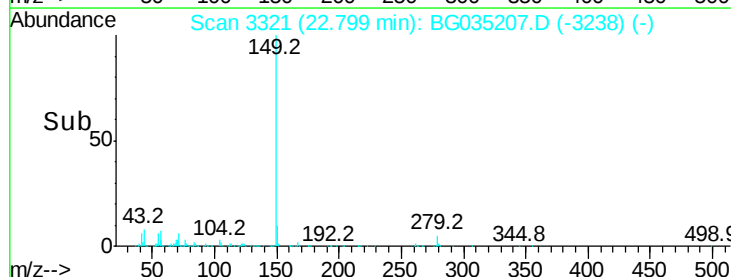


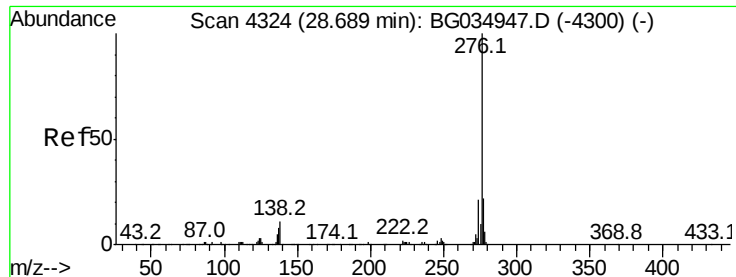
#84
 Di-n-octyl phthalate
 Concen: 46.432 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. -0.05 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	8.9	13.3#



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



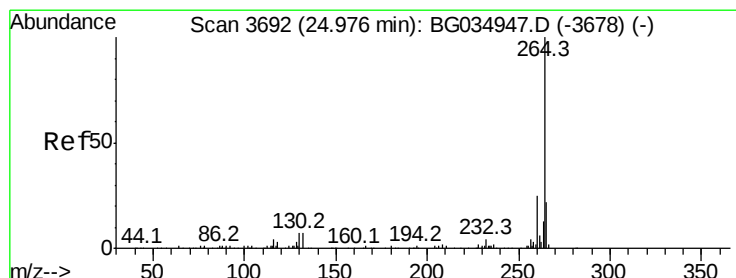
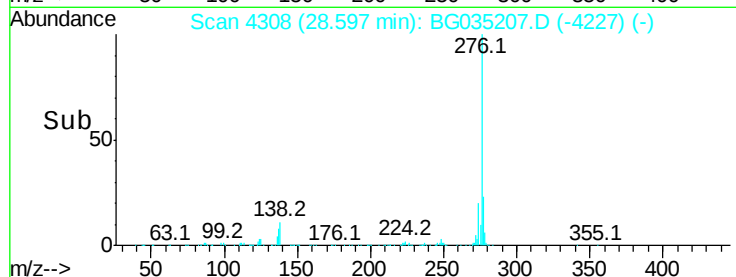
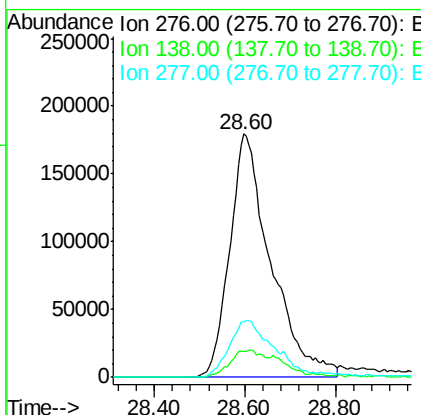
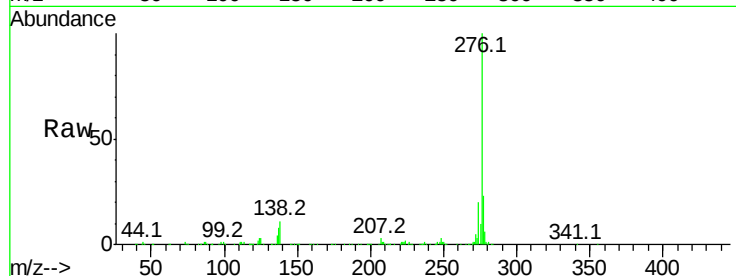


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.606 ng
 RT: 28.60 min Scan# 4308
 Delta R.T. -0.06 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1131722

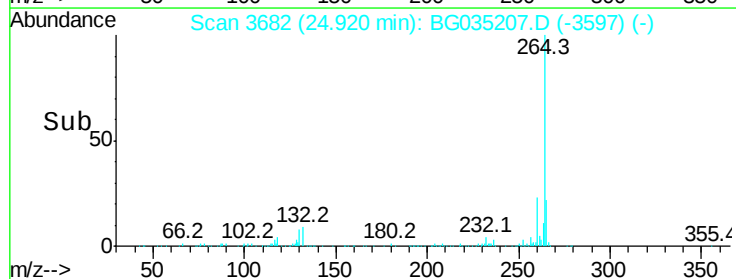
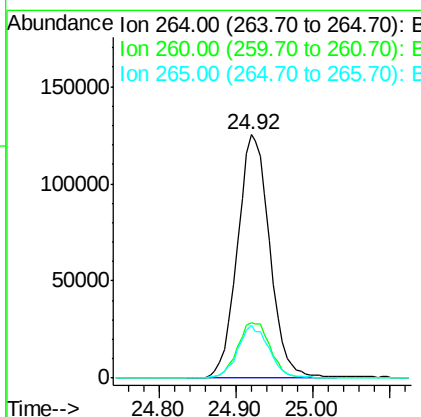
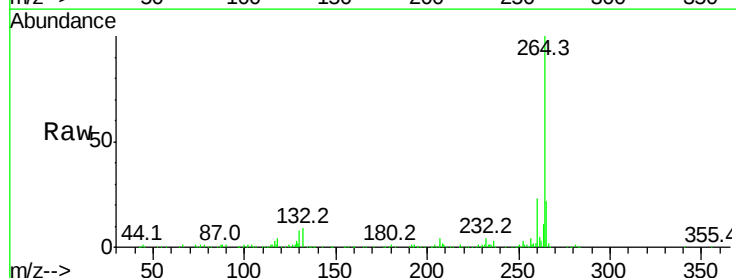
Ion	Ratio	Lower	Upper
276	100		
138	4.2	16.0	24.0#
277	25.2	20.0	30.0

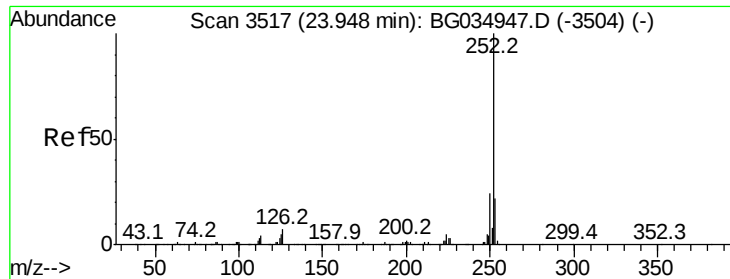


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Tgt Ion:264 Resp: 367091

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.949 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA_G

ClientSampleId :

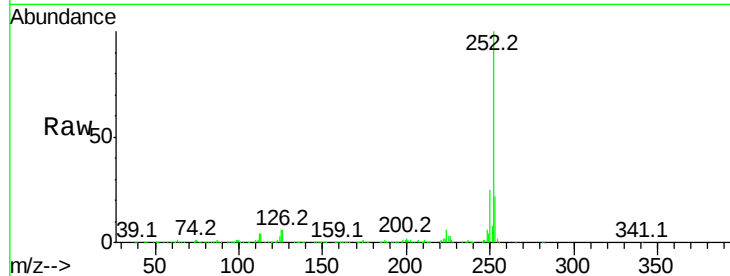
Tot Ion:252 Resp: 1129166

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

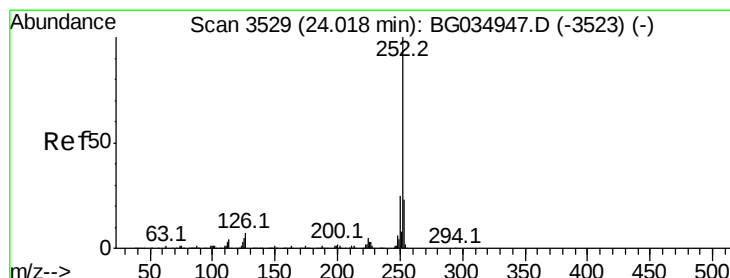
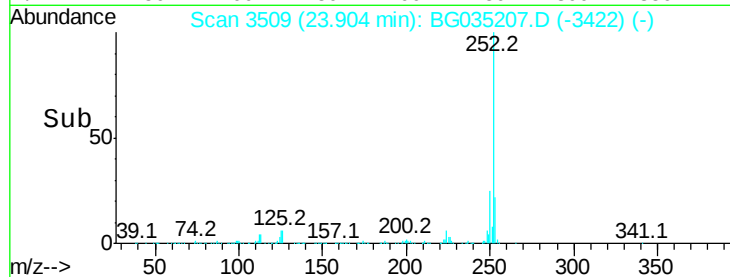
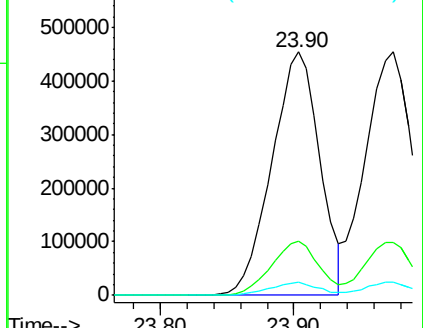
125 5.6 7.2 10.8#



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: 50.692 ng

RT: 23.97 min Scan# 3521

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

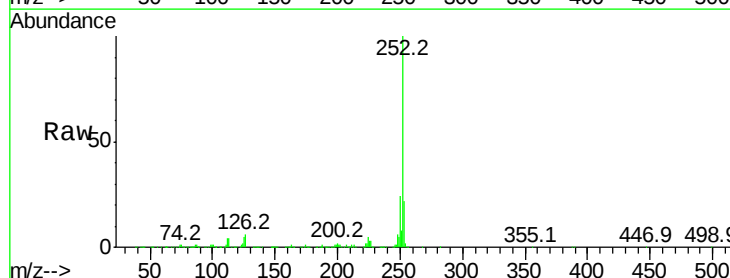
Tgt Ion:252 Resp: 1120988

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

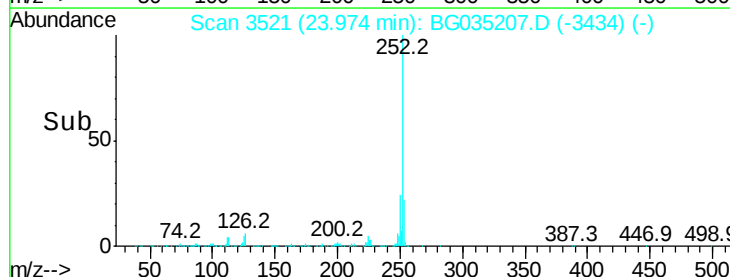
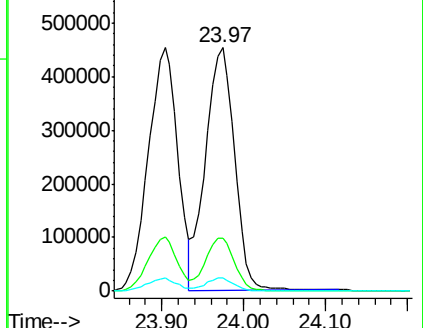
125 5.4 6.6 9.8#

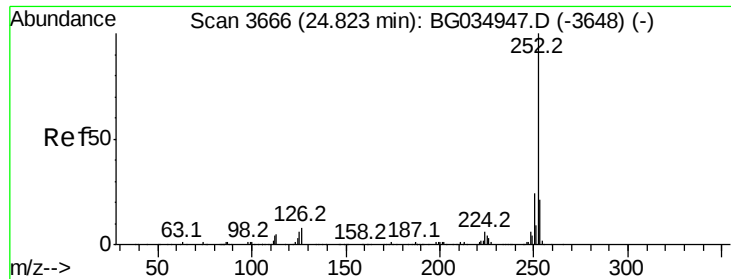


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

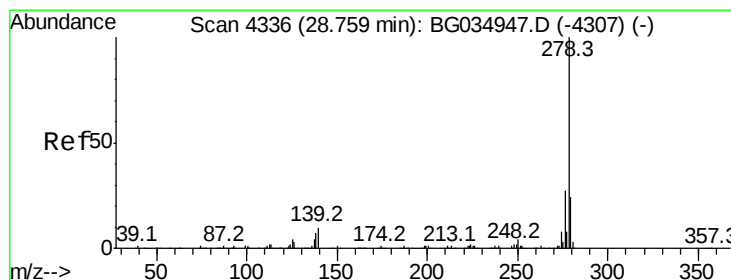
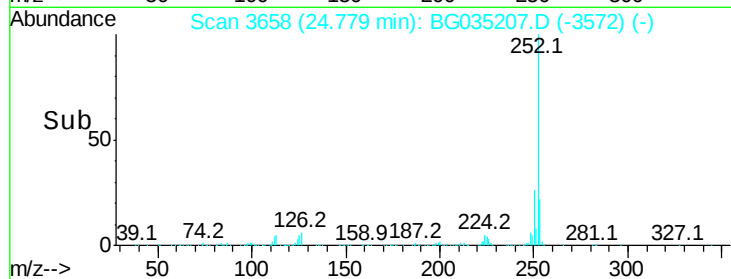
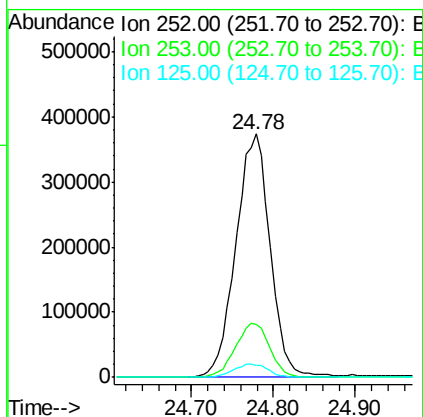
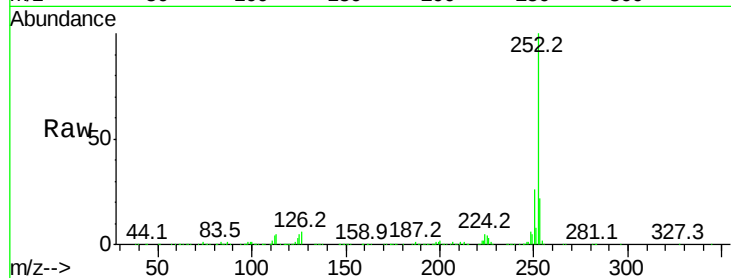




#89
Benzo(a)pyrene
Concen: 51.104 ng
RT: 24.78 min Scan# 3658
Delta R.T. -0.03 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

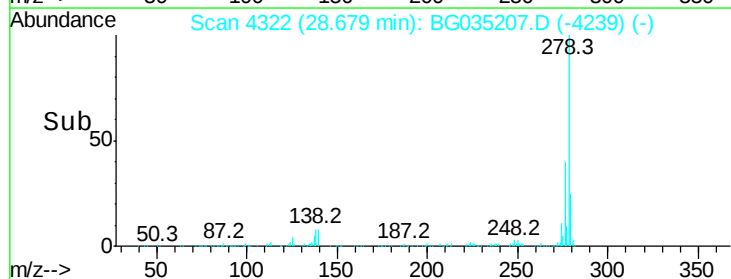
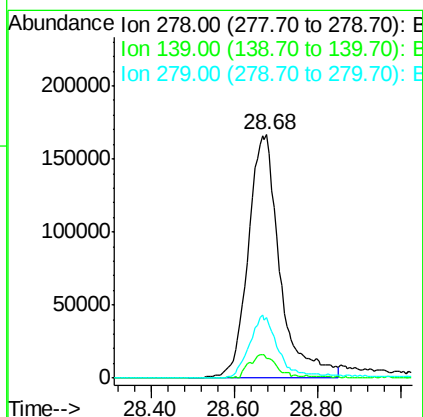
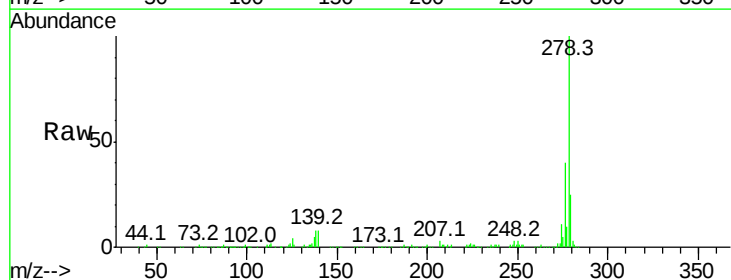
Instrument :
BNA_G
ClientSampled :

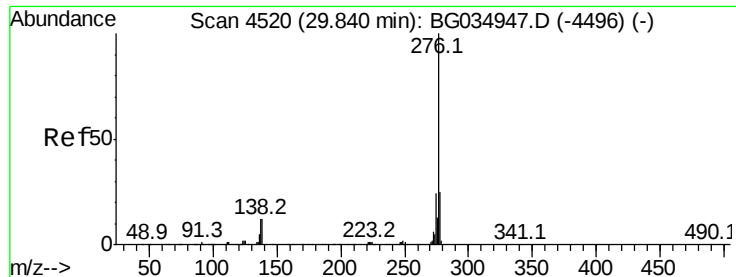
Tot Ion:252 Resp: 1087071
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 5.0 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.026 ng
RT: 28.68 min Scan# 4322
Delta R.T. -0.05 min
Lab File: BG035207.D
Acq: 16 Jun 2018 14:22

Tgt Ion:278 Resp: 882493
Ion Ratio Lower Upper
278 100
139 8.3 9.8 14.6#
279 24.7 18.4 27.6

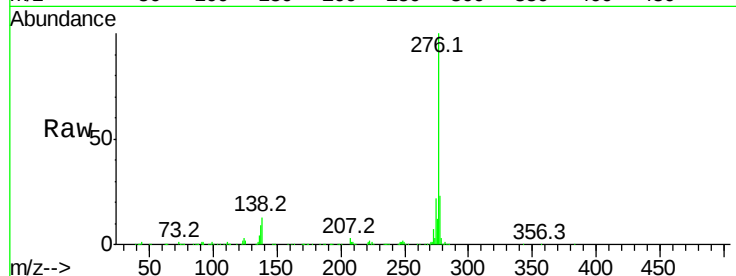




#91
 Benzo(a,h,i)perylene
 Concen: 45.761 ng
 RT: 29.75 min Scan# 4504
 Delta R.T. -0.06 min
 Lab File: BG035207.D
 Acq: 16 Jun 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	12.7	13.9	20.9



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

