

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034497.D
 Acq On : 16 May 2018 20:38
 Operator : SJ/JU
 Sample : PB108852BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 17 03:17:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36997	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	169010	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	134807	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	355629	20.00	ng	0.00
75) Chrysene-d12	21.74	240	379011	20.00	ng	0.00
86) Perylene-d12	25.02	264	390484	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	367197	152.87	ng	0.00
7) Phenol-d6	7.21	99	540279	139.04	ng	0.00
23) Nitrobenzene-d5	9.21	82	389233	87.98	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	305510	131.59	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	785014	79.06	ng	0.00
78) Terphenyl-d14	20.06	244	1639074	94.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	28804	29.195	ng	# 78
3) Pyridine	3.92	79	93501	29.385	ng	# 83
4) n-Nitrosodimethylamine	3.84	42	74808	40.197	ng	# 69
6) Aniline	7.37	93	143152	28.221	ng	# 95
8) 2-Chlorophenol	7.61	128	113370	44.630	ng	# 94
9) Benzaldehyde	7.18	77	63124	23.511	ng	# 91
10) Phenol	7.24	94	171542	44.266	ng	# 67
11) bis(2-Chloroethyl)ether	7.46	93	120763	41.250	ng	# 92
12) 1,3-Dichlorobenzene	7.94	146	117024	39.147	ng	# 89
13) 1,4-Dichlorobenzene	8.08	146	118176	38.824	ng	# 95
14) 1,2-Dichlorobenzene	8.40	146	118745	39.745	ng	# 94
15) Benzyl Alcohol	8.28	79	173395	43.606	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.58	45	132860	39.986	ng	# 78
17) 2-Methylphenol	8.49	107	111139	42.691	ng	# 67
18) Hexachloroethane	9.13	117	50265	39.252	ng	# 81
19) n-Nitroso-di-n-propylamine	8.85	70	125821	39.534	ng	# 92
20) 3+4-Methylphenols	8.82	107	153385	42.260	ng	# 72
22) Acetophenone	8.87	105	223119	41.323	ng	# 92
24) Nitrobenzene	9.25	77	189293	41.222	ng	# 89
25) Isophorone	9.78	82	330378	38.524	ng	# 91
26) 2-Nitrophenol	9.97	139	65868	40.169	ng	# 56
27) 2,4-Dimethylphenol	10.03	122	125208	43.670	ng	# 95
28) bis(2-Chloroethoxy)methane	10.26	93	174828	40.504	ng	# 99
29) 2,4-Dichlorophenol	10.51	162	137734	46.066	ng	# 96
30) 1,2,4-Trichlorobenzene	10.72	180	137504	38.678	ng	# 94
31) Naphthalene	10.91	128	348660	39.677	ng	# 98
32) Benzoic acid	10.16	122	84973	41.850	ng	# 98
33) 4-Chloroaniline	11.02	127	54724	14.280	ng	# 79
34) Hexachlorobutadiene	11.19	225	109770	38.865	ng	# 97
35) Caprolactam	11.79	113	22748	20.013	ng	# 71
36) 4-Chloro-3-methylphenol	12.14	107	177255	43.998	ng	# 91
37) 2-Methylnaphthalene	12.52	142	273939	38.602	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	189684	37.441	ng	# 97
40) Hexachlorocyclopentadiene	12.87	237	288959	72.837	ng	# 87

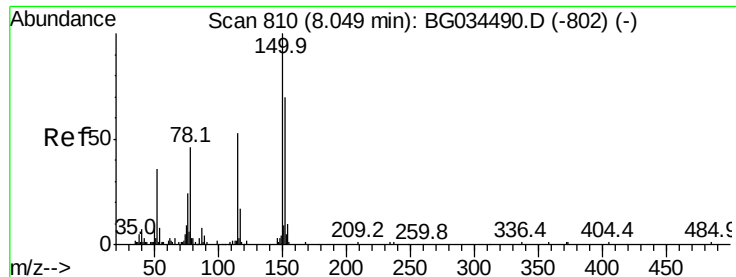
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	127489	40.449	ng	94
43) 2,4,5-Trichlorophenol	13.20	196	141508	40.918	ng	# 88
45) 1,1'-Biphenyl	13.52	154	402167	37.879	ng	98
46) 2-Chloronaphthalene	13.57	162	318914	38.160	ng	95
47) 2-Nitroaniline	13.77	65	140554	41.166	ng	# 84
48) Acenaphthylene	14.42	152	470821	36.812	ng	96
49) Dimethylphthalate	14.15	163	455164	39.117	ng	99
50) 2,6-Dinitrotoluene	14.26	165	94756	39.710	ng	# 64
51) Acenaphthene	14.76	154	315124	38.005	ng	94
52) 3-Nitroaniline	14.60	138	52170	23.655	ng	# 77
53) 2,4-Dinitrophenol	14.81	184	134895	85.927	ng	# 74
54) Dibenzofuran	15.09	168	506604	37.247	ng	# 86
55) 4-Nitrophenol	14.92	139	165604	85.448	ng	# 47
56) 2,4-Dinitrotoluene	15.06	165	147982	41.778	ng	90
57) Fluorene	15.75	166	417401	39.321	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	153126	40.589	ng	99
59) Diethylphthalate	15.51	149	492027	40.659	ng	100
60) 4-Chlorophenyl-phenylether	15.73	204	238514	37.837	ng	90
61) 4-Nitroaniline	15.76	138	99263	39.702	ng	# 39
62) Azobenzene	16.03	77	512314	39.880	ng	92
64) 4,6-Dinitro-2-methylphenol	15.82	198	91091	39.944	ng	95
65) n-Nitrosodiphenylamine	15.95	169	394567	37.941	ng	98
66) 4-Bromophenyl-phenylether	16.63	248	184843	39.495	ng	# 88
67) Hexachlorobenzene	16.75	284	202785	39.210	ng	96
68) Atrazine	16.90	200	197086	42.762	ng	94
69) Pentachlorophenol	17.10	266	268905	86.218	ng	95
70) Phenanthrene	17.49	178	756636	39.063	ng	99
71) Anthracene	17.58	178	781469	39.816	ng	99
72) Carbazole	17.85	167	665451	40.969	ng	# 97
73) Di-n-butylphthalate	18.41	149	840928	41.816	ng	# 97
74) Fluoranthene	19.50	202	975100	40.962	ng	97
76) Benzidine	19.68	184	352374	34.787	ng	97
77) Pyrene	19.86	202	978018	41.224	ng	97
79) Butylbenzylphthalate	20.75	149	387373	42.348	ng	92
80) Benzo(a)anthracene	21.72	228	972080	39.471	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	223297	23.311	ng	# 96
82) Chrysene	21.79	228	906667	40.141	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	504249	40.589	ng	# 99
84) Di-n-octyl phthalate	22.85	149	866213	41.654	ng	99
85) Indeno(1,2,3-cd)pyrene	28.75	276	1192995	41.280	ng	# 84
87) Benzo(b)fluoranthene	23.98	252	1037036	41.970	ng	# 94
88) Benzo(k)fluoranthene	24.04	252	976746	41.613	ng	# 93
89) Benzo(a)pyrene	24.86	252	972467	41.465	ng	# 94
90) Dibenzo(a,h)anthracene	28.81	278	988977	42.524	ng	# 95
91) Benzo(g,h,i)perylene	29.92	276	986541	42.198	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampled :

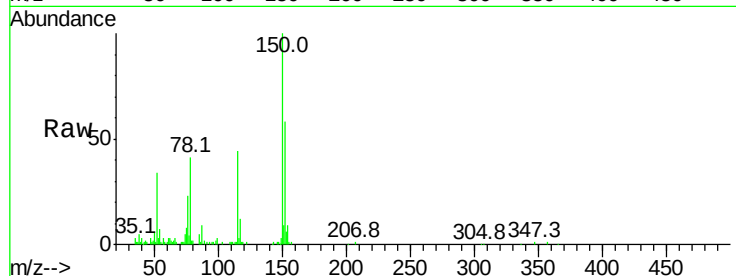
Tot Ion:152 Resp: 36997

Ion Ratio Lower Upper

152 100

150 171.7 126.6 189.8

115 75.3 53.0 79.4

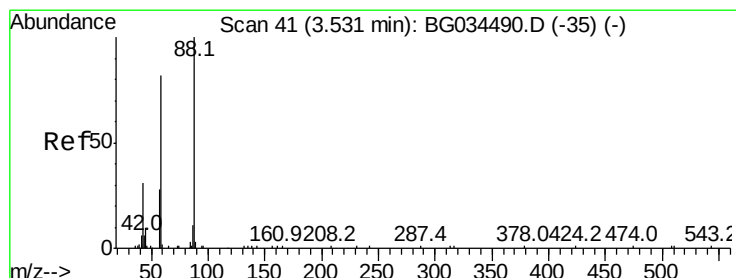
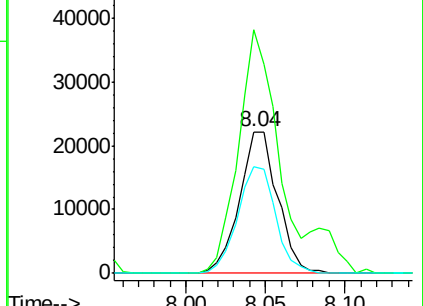
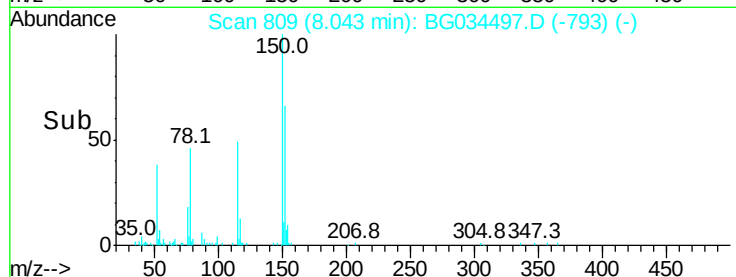


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 29.195 ng

RT: 3.53 min Scan# 41

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

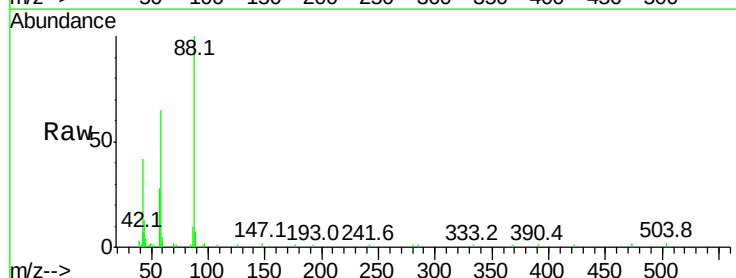
Tgt Ion: 88 Resp: 28804

Ion Ratio Lower Upper

88 100

58 75.8 79.6 119.4#

43 43.4 27.4 41.0#

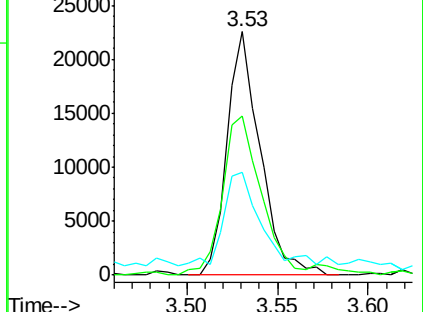
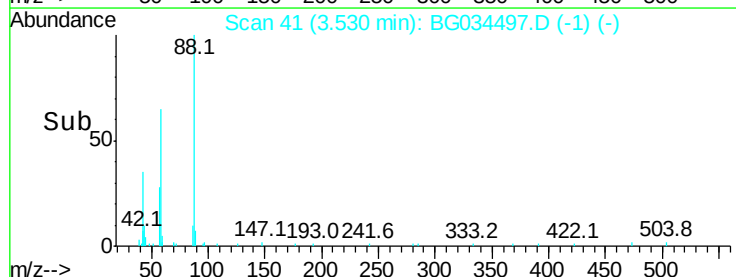


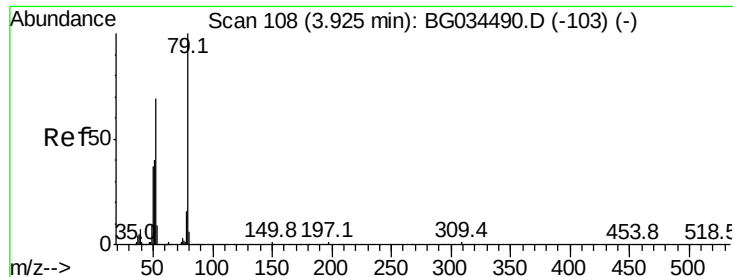
Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pvridine

Concen: 29.385 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

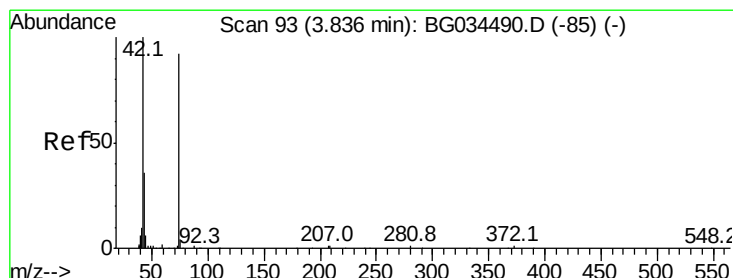
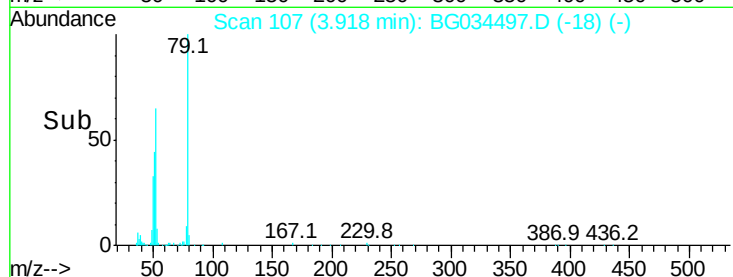
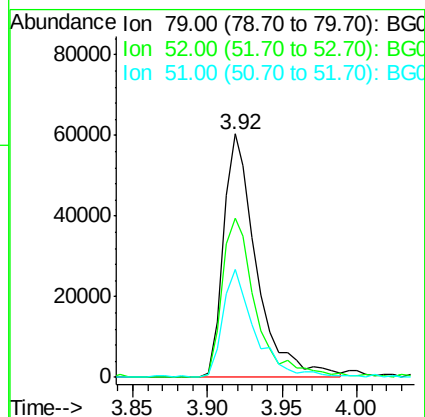
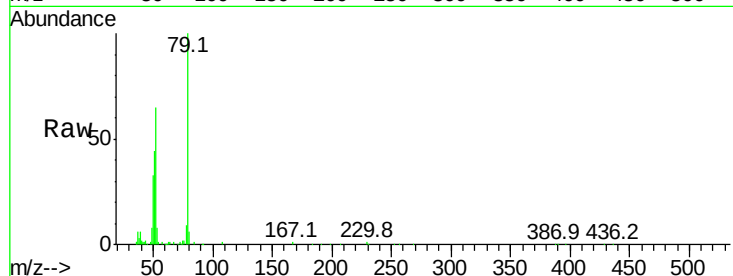
Tot Ion: 79 Resp: 93501

Ion Ratio Lower Upper

79 100

52 65.5 69.9 104.9#

51 44.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 40.197 ng

RT: 3.84 min Scan# 93

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

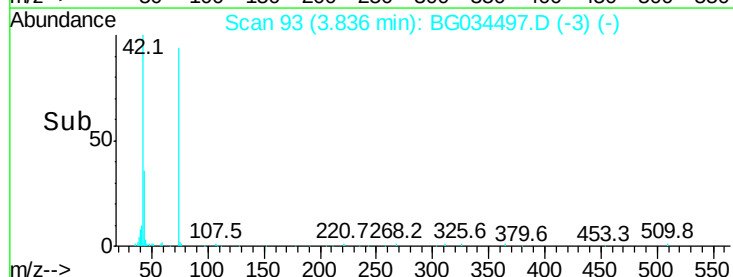
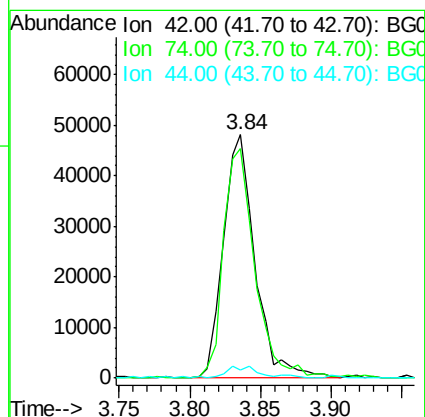
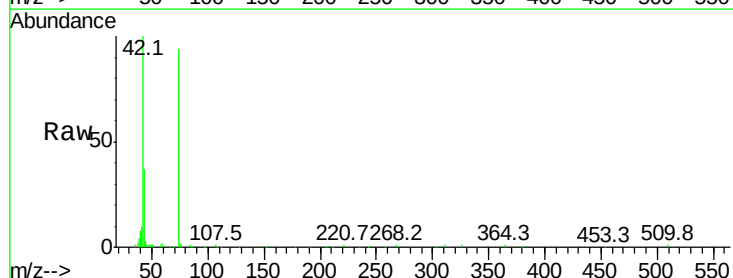
Tgt Ion: 42 Resp: 74808

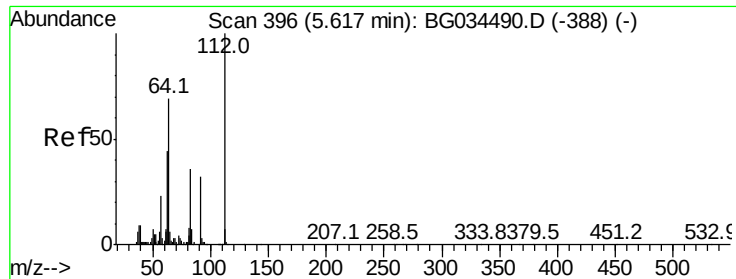
Ion Ratio Lower Upper

42 100

74 94.1 102.5 153.7#

44 3.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 152.868 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

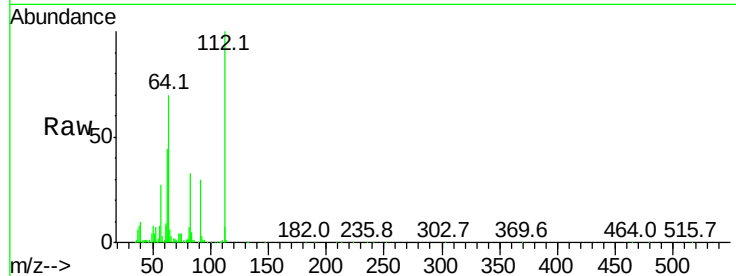
Tot Ion:112 Resp: 367197

Ion Ratio Lower Upper

112 100

64 70.0 56.3 84.5

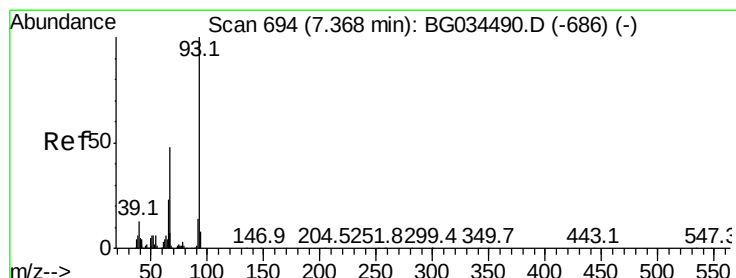
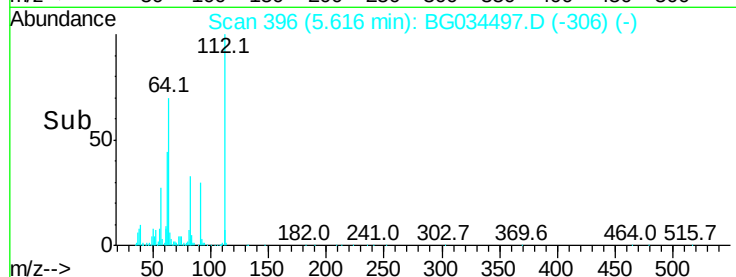
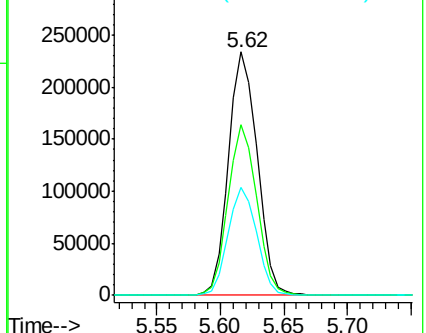
63 44.4 30.1 45.1



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: 28.221 ng

RT: 7.37 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

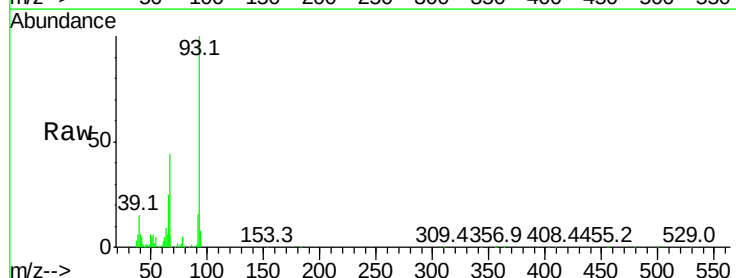
Tgt Ion: 93 Resp: 143152

Ion Ratio Lower Upper

93 100

66 43.7 33.7 50.5

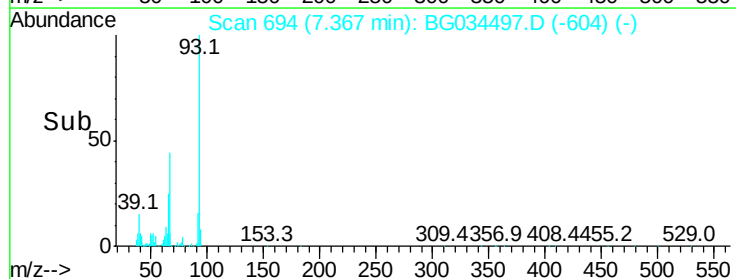
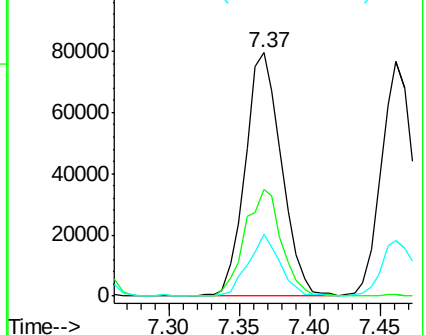
65 25.4 16.1 24.1#

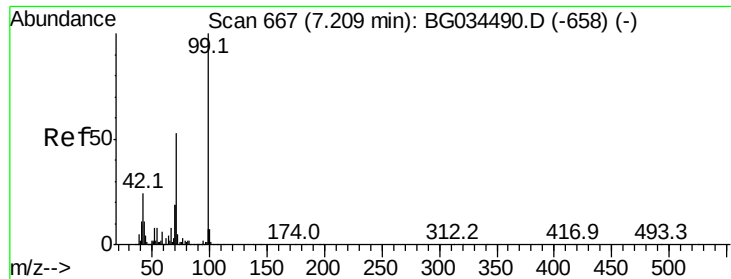


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.041 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

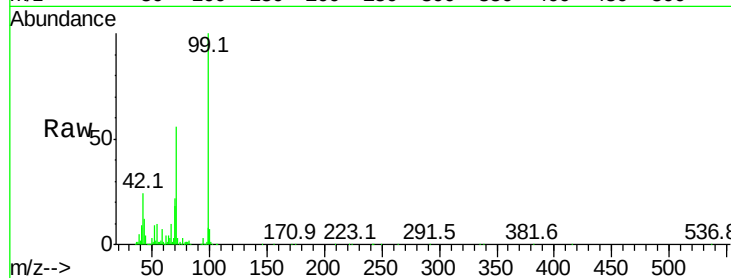
Tot Ion: 99 Resp: 540279

Ion Ratio Lower Upper

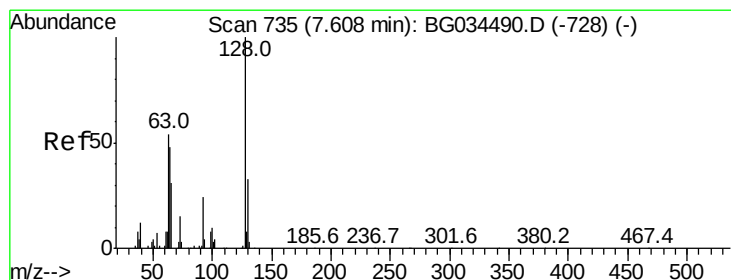
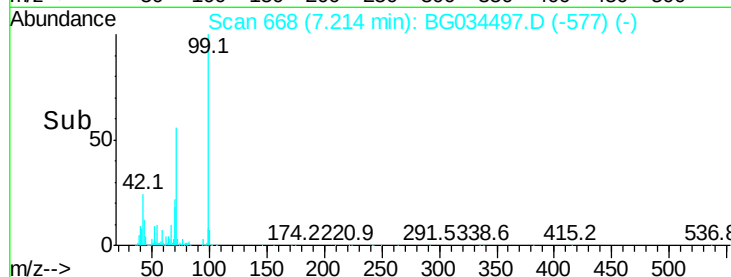
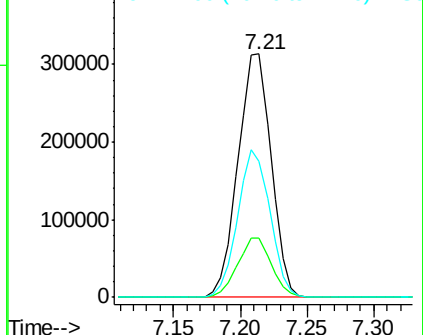
99 100

42 24.4 14.1 21.1#

71 56.1 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: 44.630 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

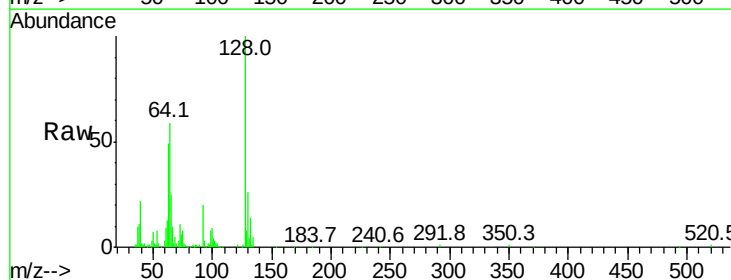
Tgt Ion: 128 Resp: 113370

Ion Ratio Lower Upper

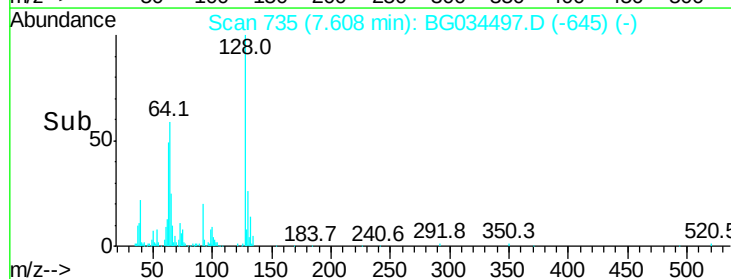
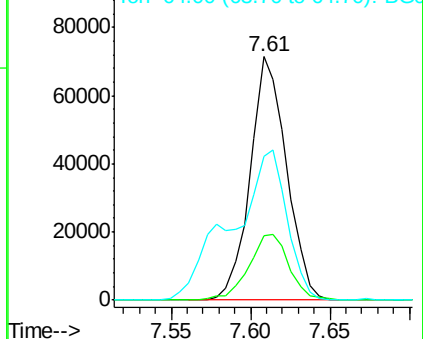
128 100

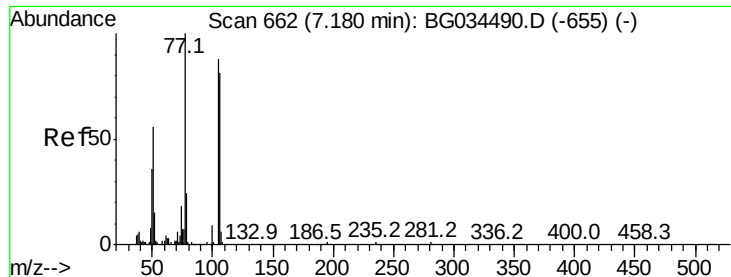
130 26.2 14.0 54.0

64 58.9 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: 23.511 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

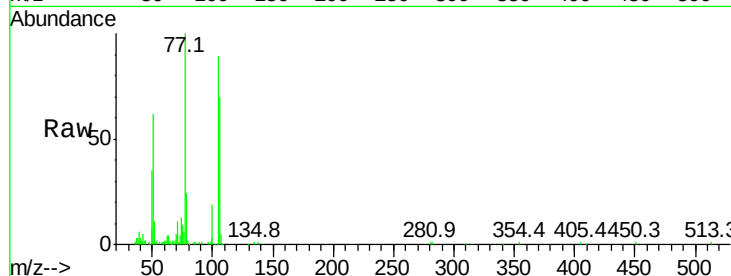
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 63124

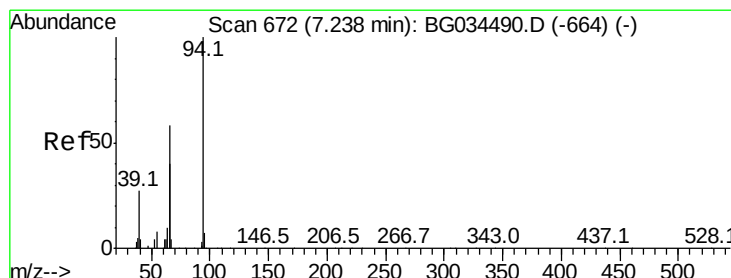
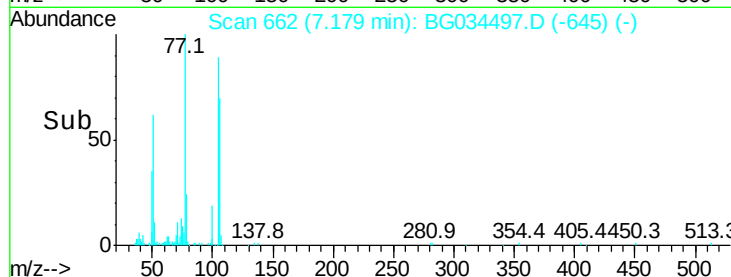
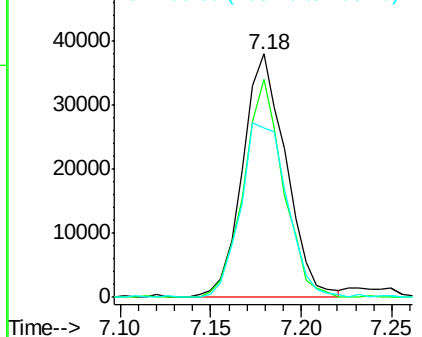
Ion	Ratio	Lower	Upper
77	100		
105	89.5	71.3	111.3
106	69.8	64.2	104.2



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: 44.266 ng

RT: 7.24 min Scan# 672

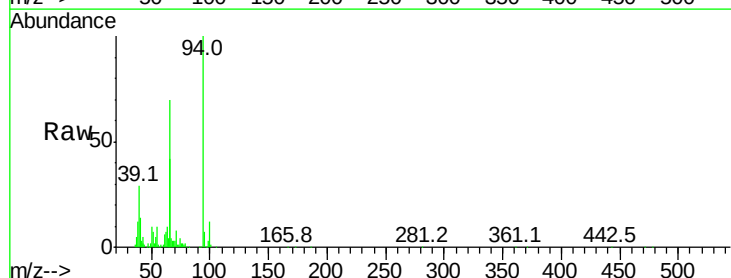
Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion: 94 Resp: 171542

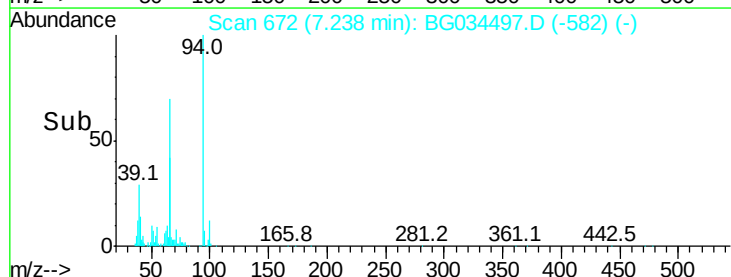
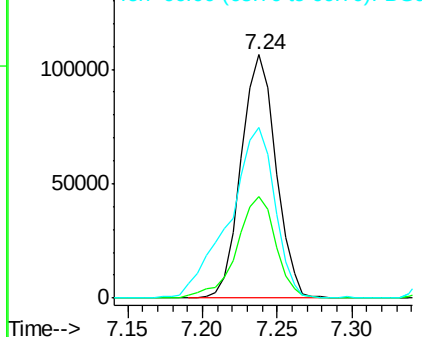
Ion	Ratio	Lower	Upper
94	100		
65	41.9	11.9	51.9
66	70.0	22.2	62.2

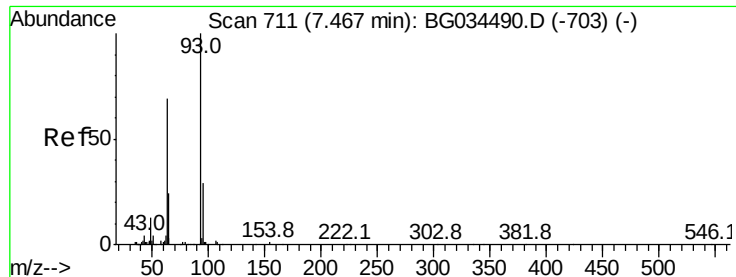


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.250 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampled :

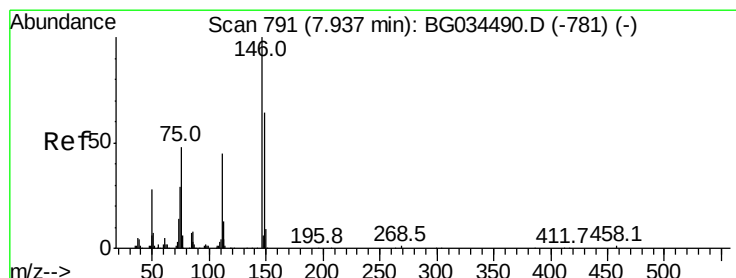
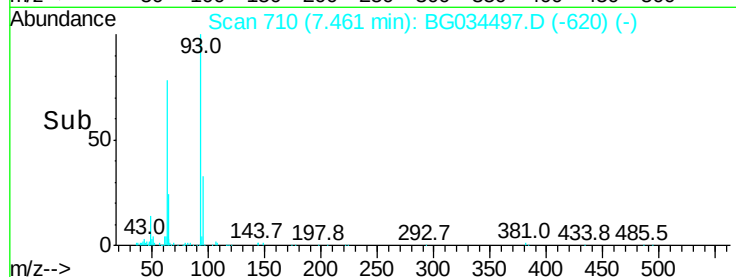
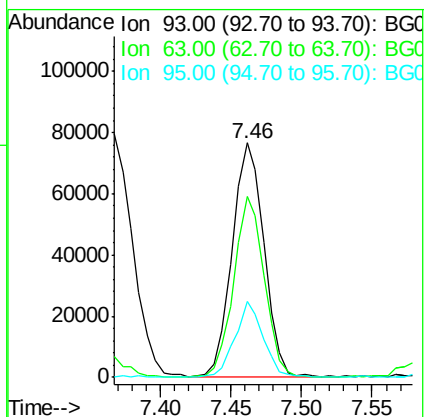
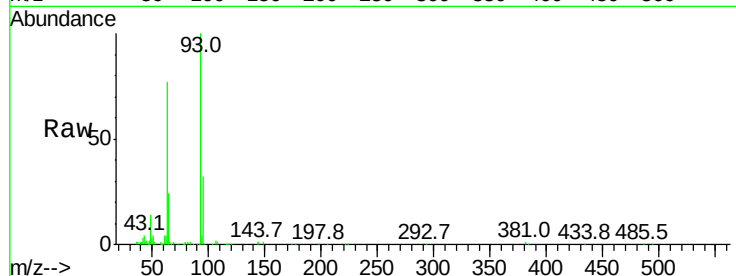
Tot Ion: 93 Resp: 120763

Ion Ratio Lower Upper

93 100

63 77.4 67.1 107.1

95 32.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.147 ng

RT: 7.94 min Scan# 791

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

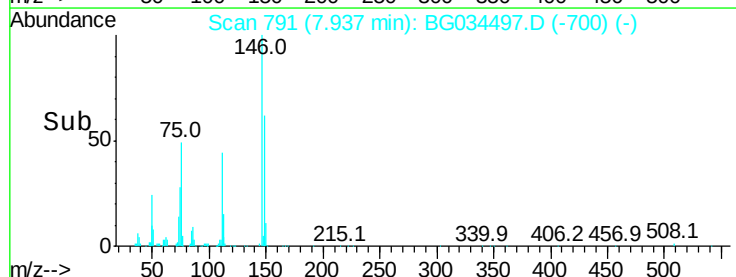
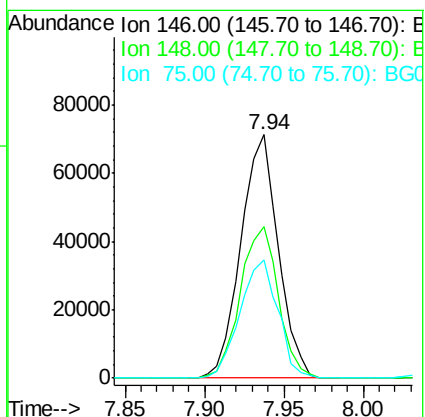
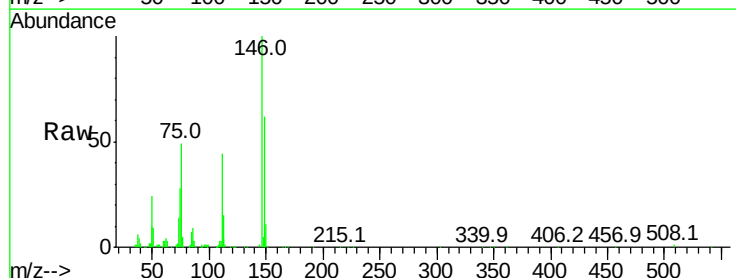
Tgt Ion: 146 Resp: 117024

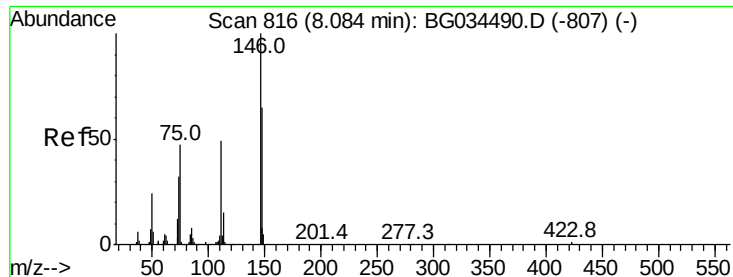
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

75 48.7 26.6 39.8#

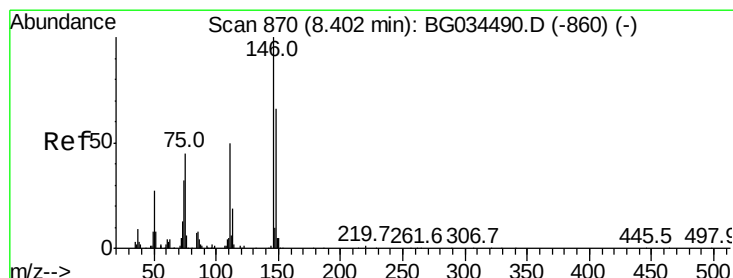
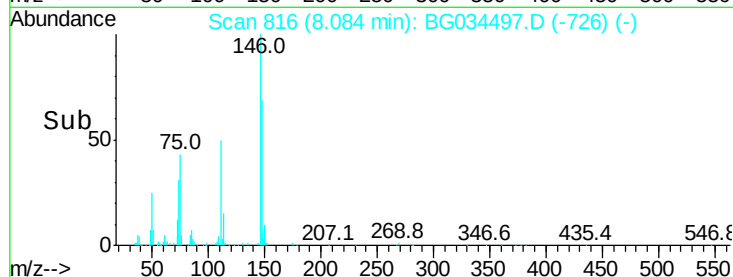
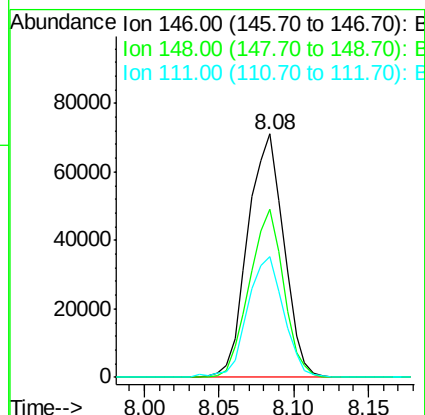
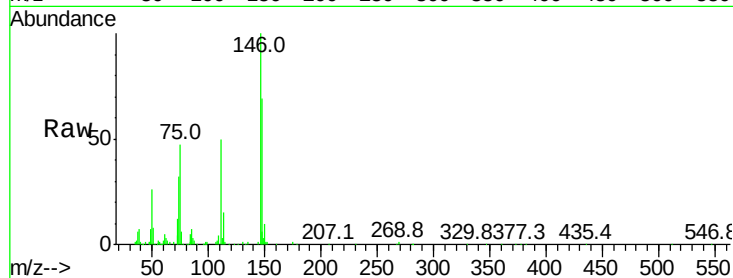




#13
 1,4-Dichlorobenzene
 Concen: 38.824 ng
 RT: 8.08 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

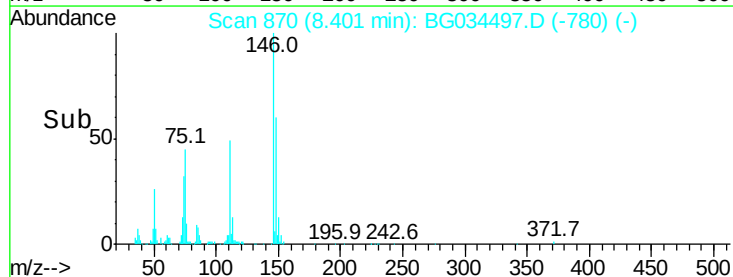
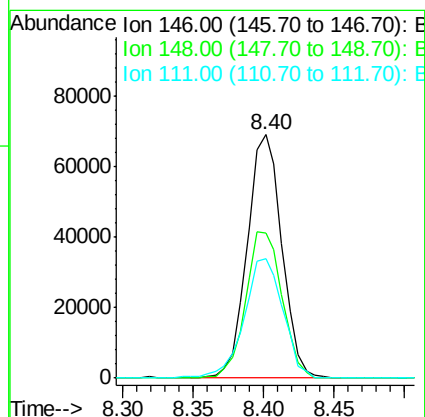
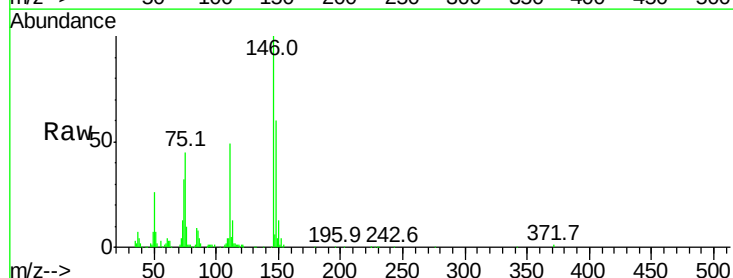
Instrument :
 BNA_G
 ClientSampleId :

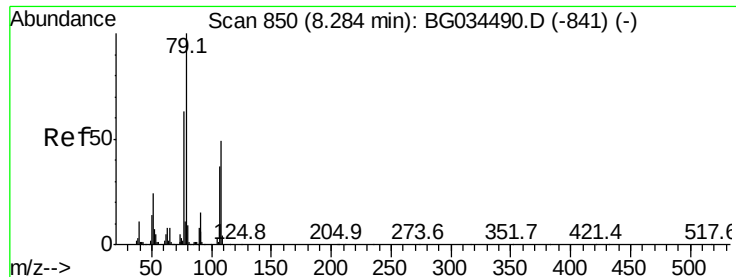
Tot Ion:146 Resp: 118176
 Ion Ratio Lower Upper
 146 100
 148 69.2 53.7 80.5
 111 49.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.745 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion:146 Resp: 118745
 Ion Ratio Lower Upper
 146 100
 148 59.6 49.3 73.9
 111 49.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.606 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

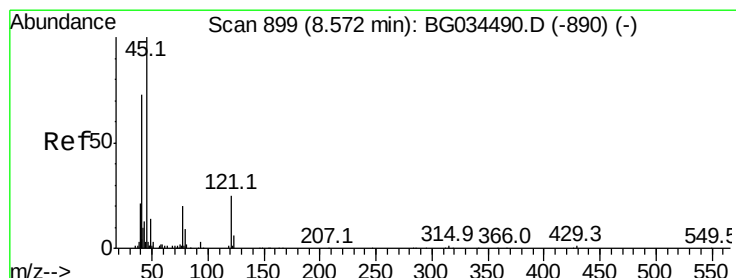
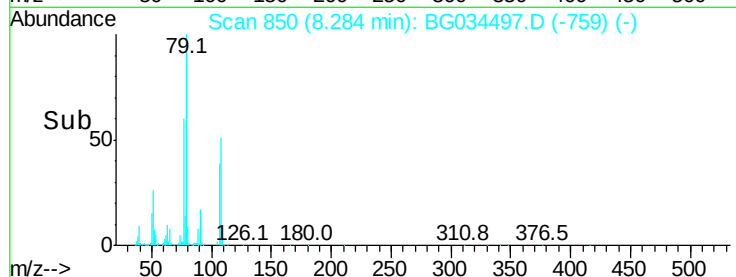
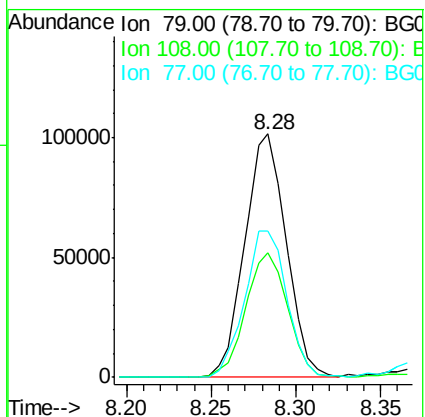
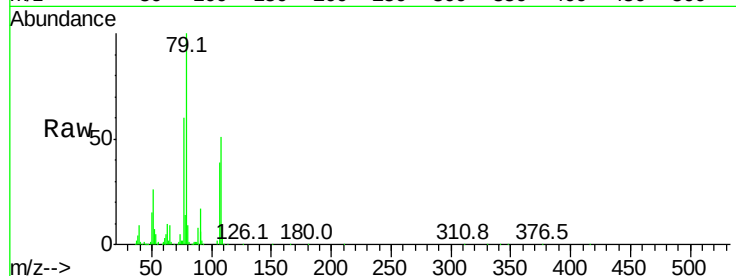
Tot Ion: 79 Resp: 173395

Ion Ratio Lower Upper

79 100

108 51.4 57.2 85.8#

77 59.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.986 ng

RT: 8.58 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

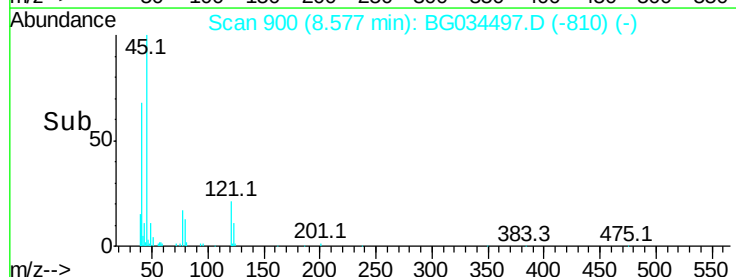
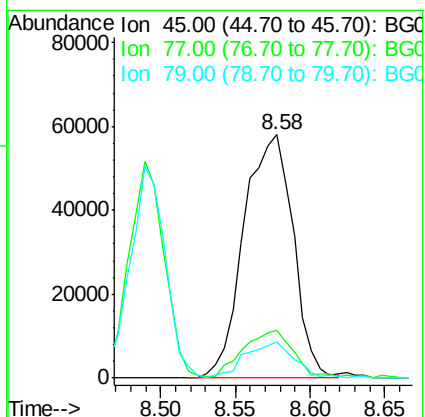
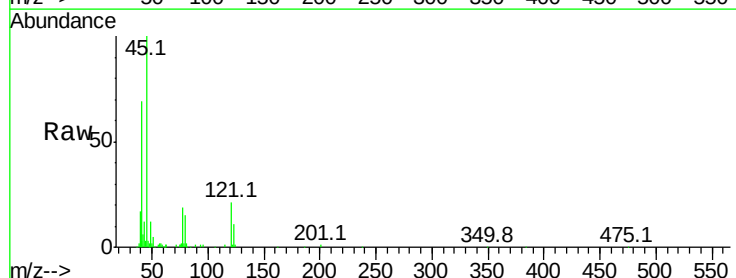
Tgt Ion: 45 Resp: 132860

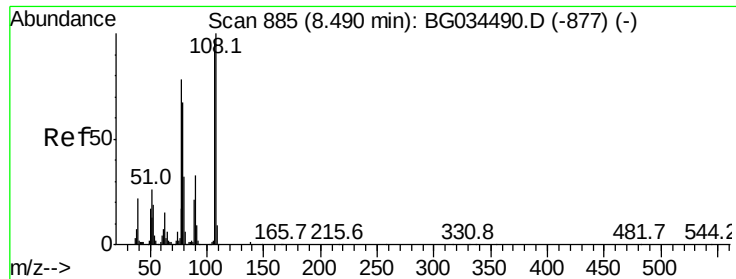
Ion Ratio Lower Upper

45 100

77 19.4 0.0 30.2

79 14.7 0.0 27.9





#17

2-Methylphenol

Concen: 42.691 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG034497.D

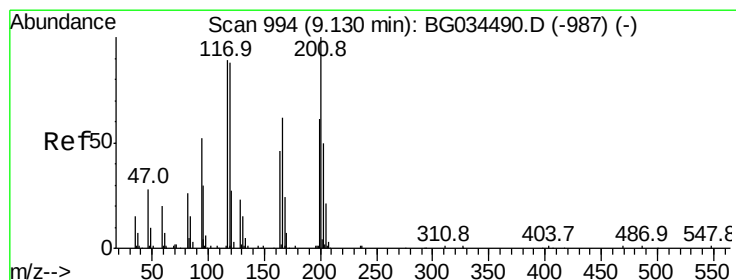
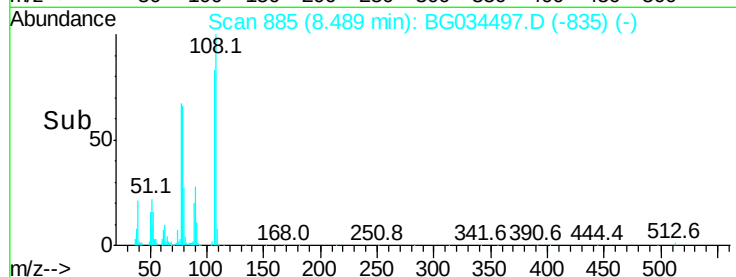
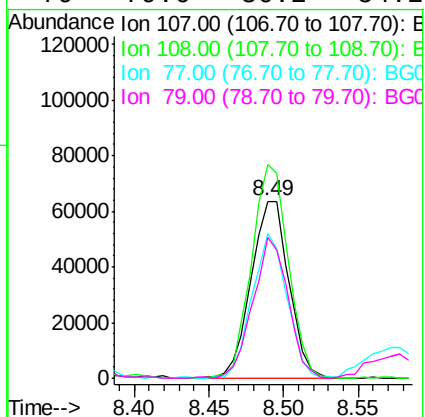
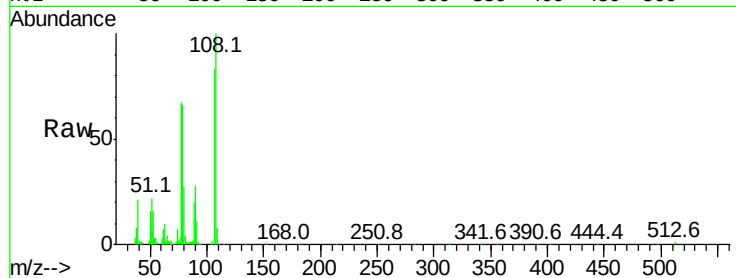
Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	111139
Ion	Ratio	Lower	Upper
107	100		
108	120.8	83.9	125.9
77	81.5	37.2	55.8#
79	79.6	36.2	54.2#



#18

Hexachloroethane

Concen: 39.252 ng

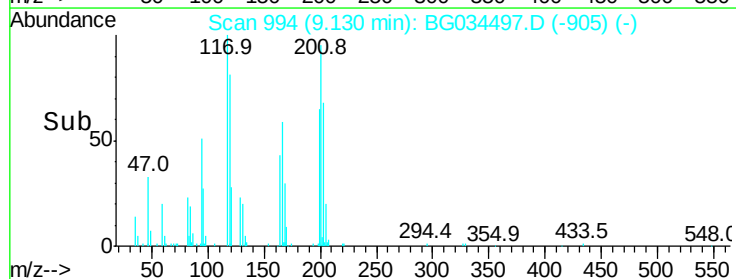
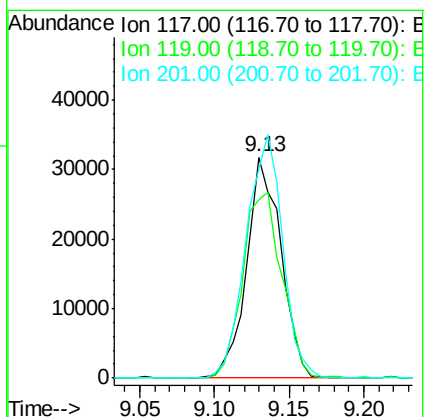
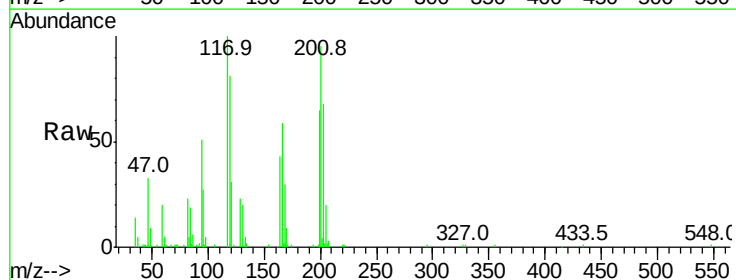
RT: 9.13 min Scan# 994

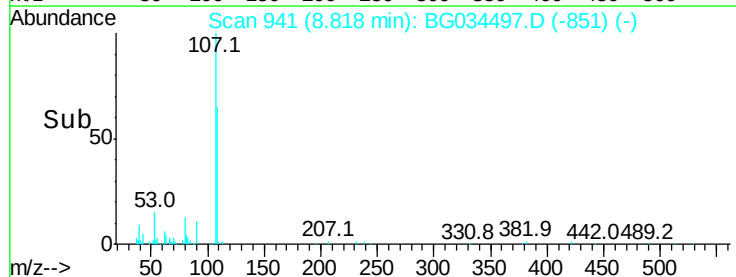
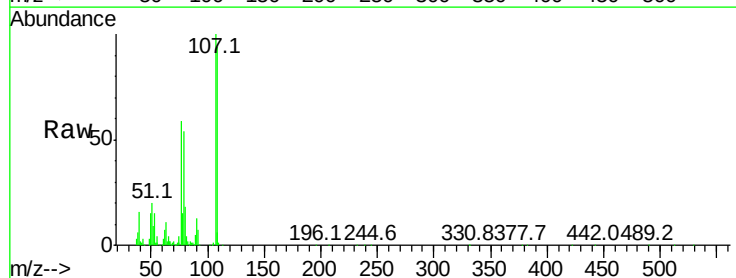
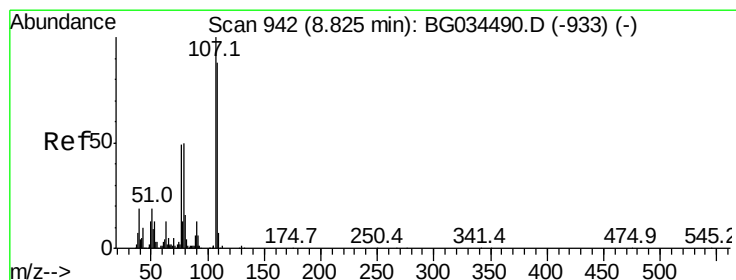
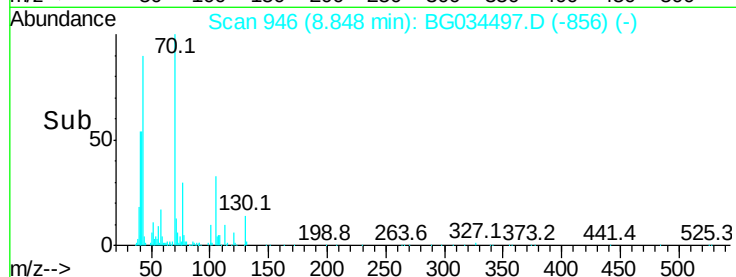
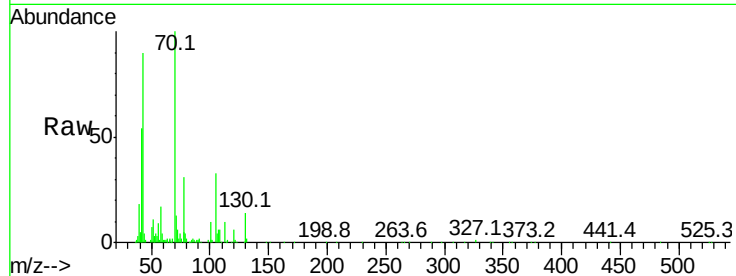
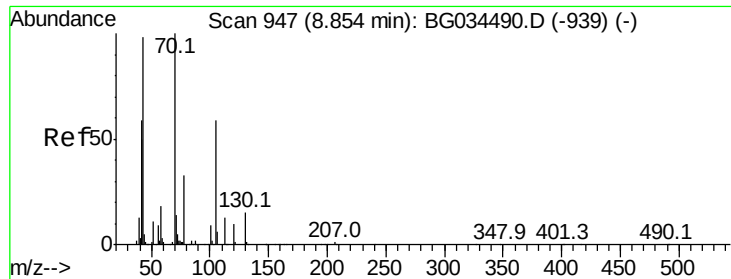
Delta R.T. -0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:	117	Resp:	50265
Ion	Ratio	Lower	Upper
117	100		
119	80.7	76.7	115.1
201	94.8	95.7	143.5#

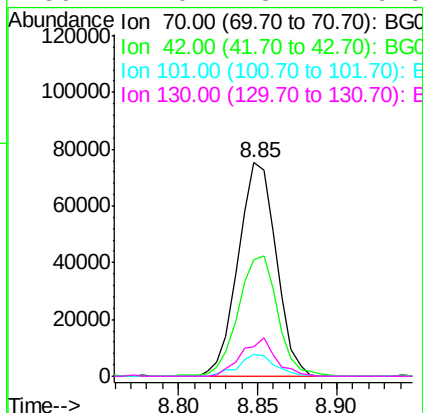




#19
n-Nitroso-di-n-propylamine
Concen: 39.534 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

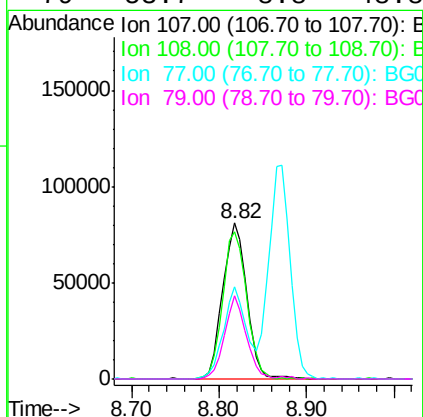
Instrument :
BNA_G
ClientSampleId :

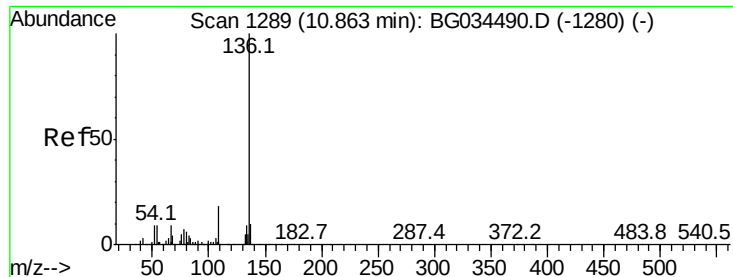
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.1	73.7
101	10.2	8.5	12.7
130	14.0	13.4	20.0



#20
3+4-Methylphenols
Concen: 42.260 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	61.6	101.6
77	59.0	13.9	53.9#
79	53.7	8.8	48.8#

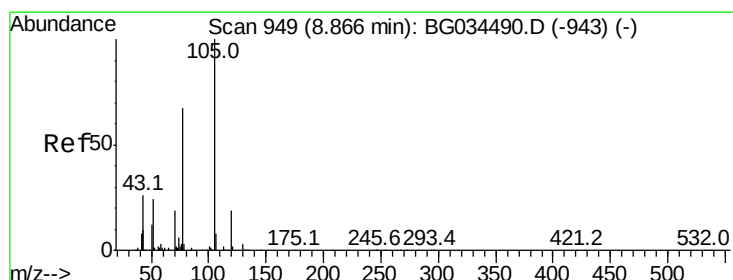
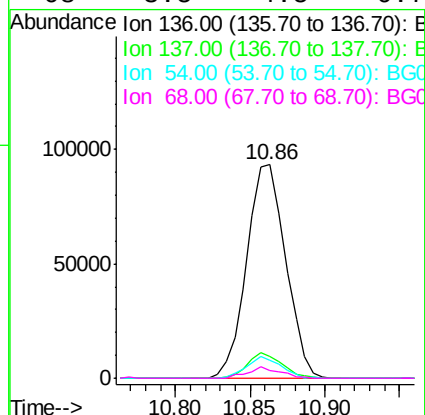
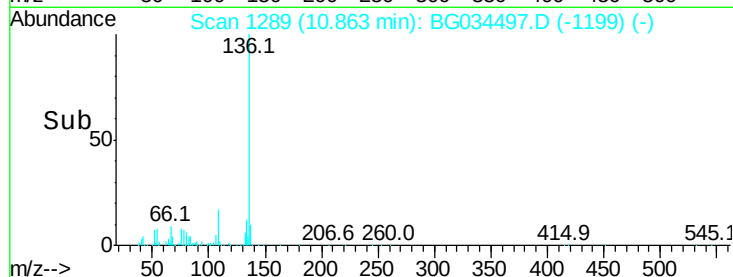
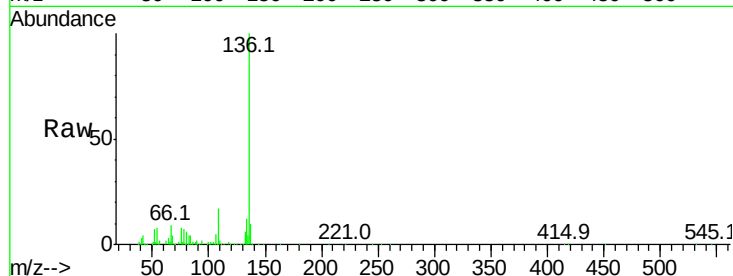




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

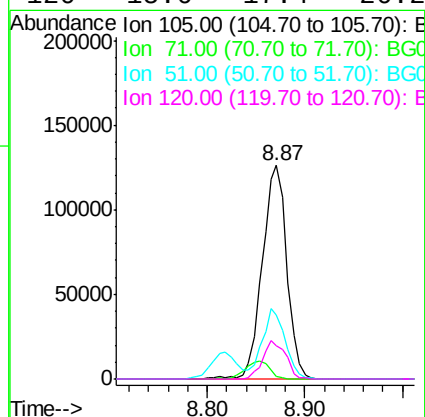
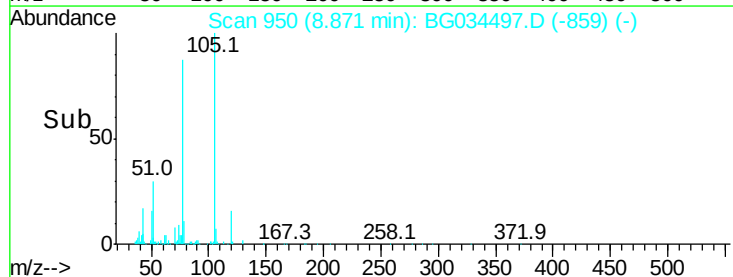
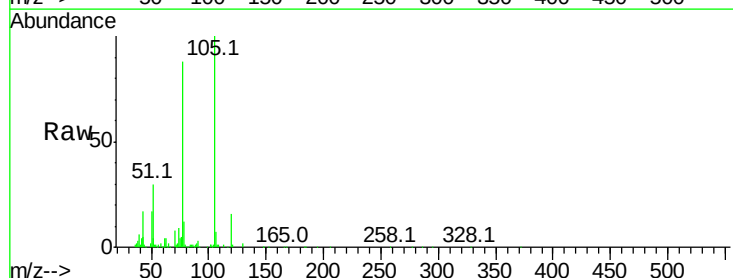
Instrument :
BNA_G
ClientSampleId :

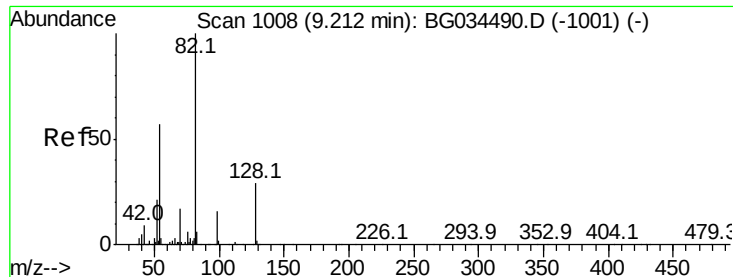
Tot Ion:136	Resp: 169010
Ion Ratio	Lower Upper
136 100	
137 10.2	9.2 13.8
54 8.1	10.3 15.5#
68 3.5	4.5 6.7#



#22
Acetophenone
Concen: 41.323 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.01 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt	Ion:105	Resp:	223119
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	30.2	26.1	39.1
120	15.6	17.4	26.2#

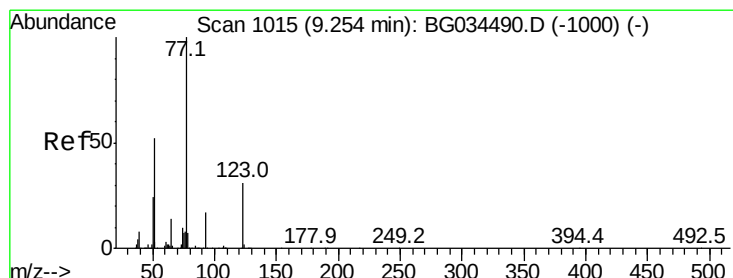
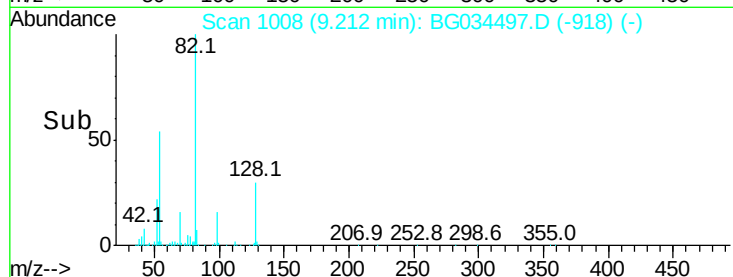
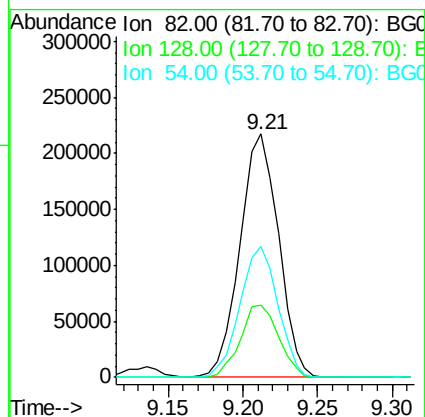
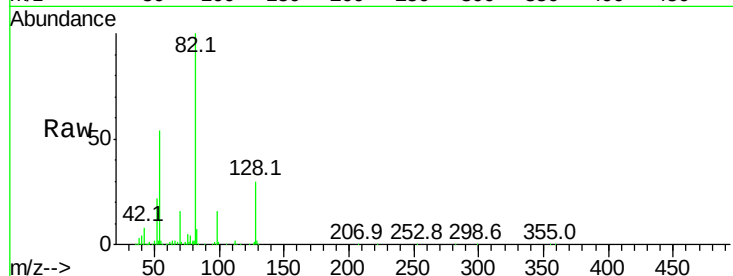




#23
Nitrobenzene-d5
Concen: 87.976 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

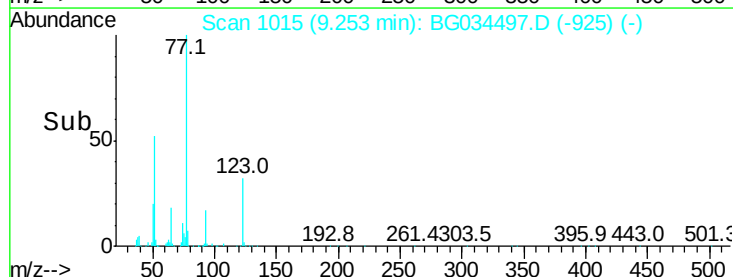
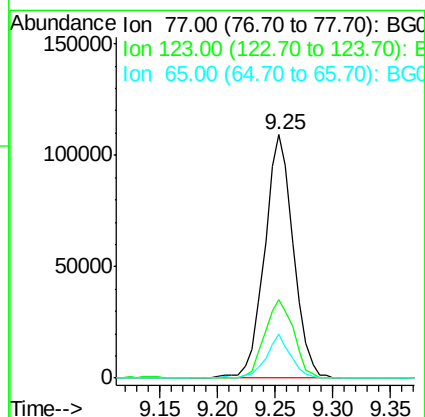
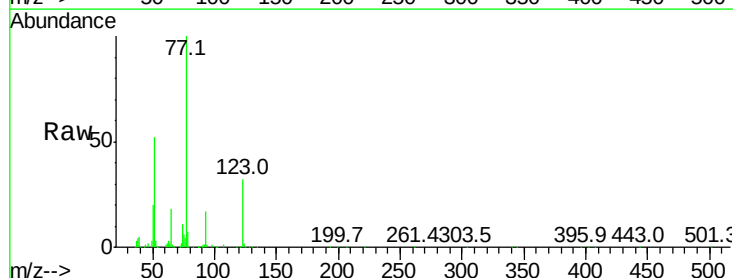
Instrument :
BNA_G
ClientSampleId :

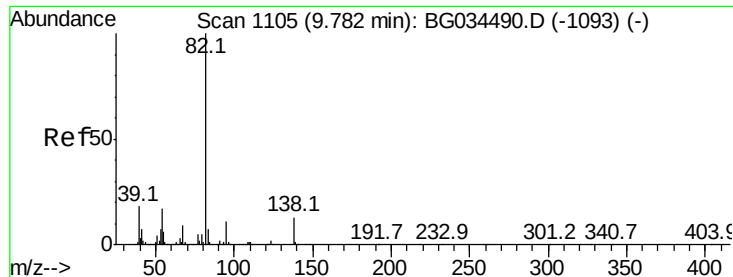
Tot Ion	82	Resp	389233
Ion Ratio	100	Lower	Upper
128	29.8	29.7	44.5
54	54.0	43.1	64.7



#24
Nitrobenzene
Concen: 41.222 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion	77	Resp	189293
Ion Ratio	100	Lower	Upper
123	32.1	33.0	49.6#
65	17.8	13.0	19.6





#25

Isophorone

Concen: 38.524 ng

RT: 9.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampled :

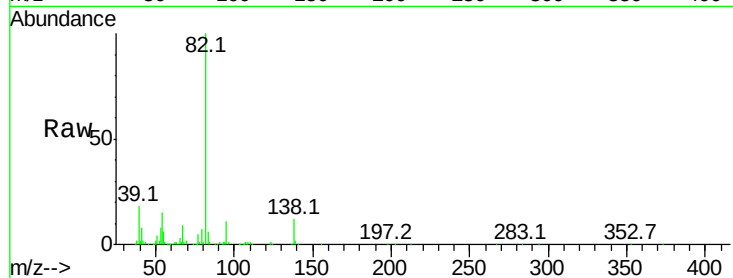
Tot Ion: 82 Resp: 330378

Ion Ratio Lower Upper

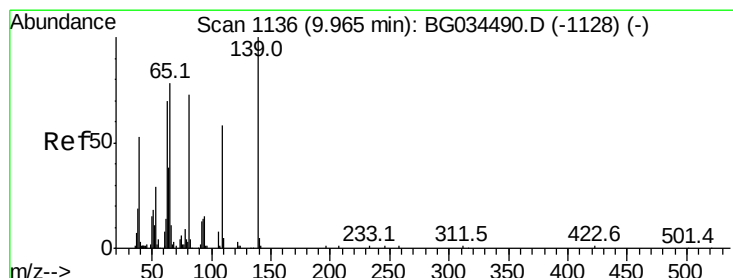
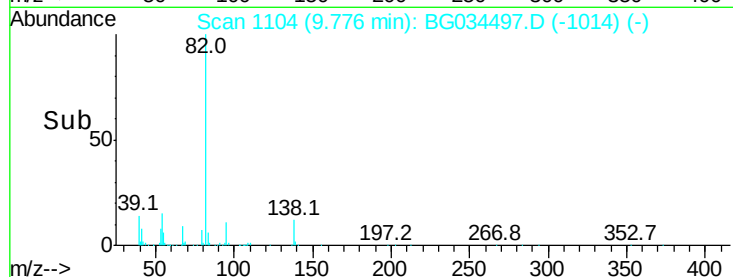
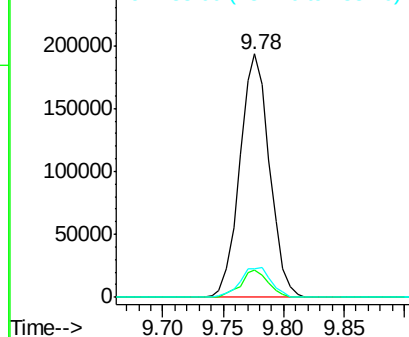
82 100

95 11.2 6.2 9.2#

138 11.8 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 40.169 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

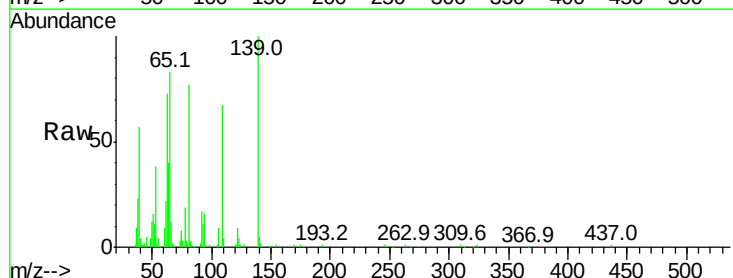
Tgt Ion: 139 Resp: 65868

Ion Ratio Lower Upper

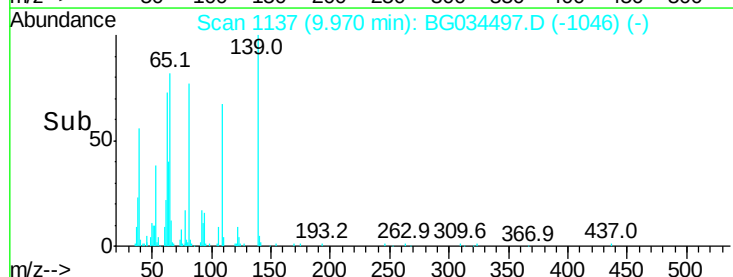
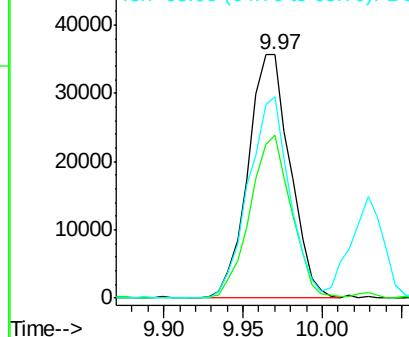
139 100

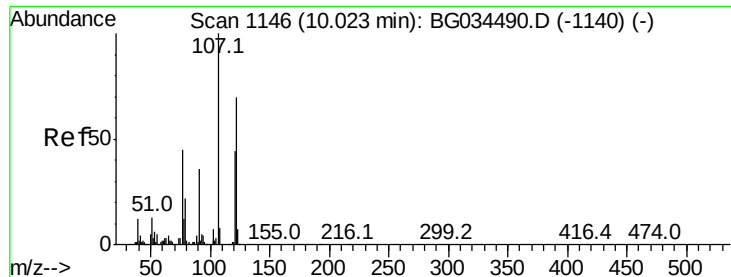
109 66.8 24.2 36.2#

65 82.9 47.4 71.0#



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

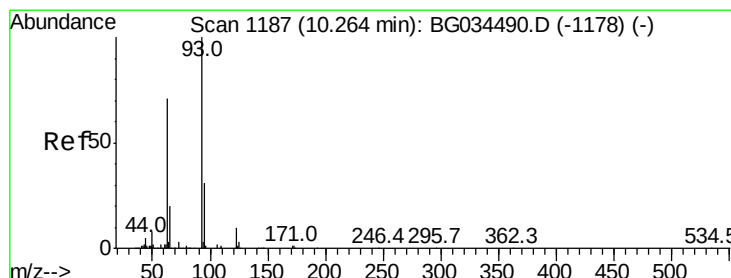
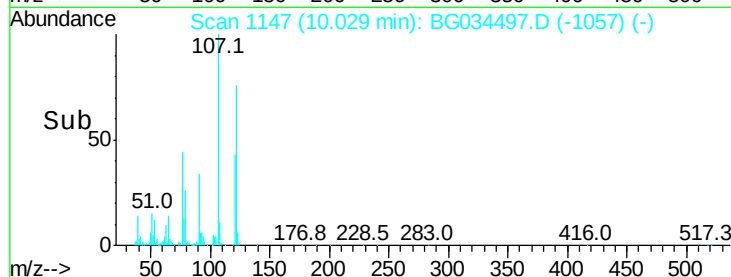
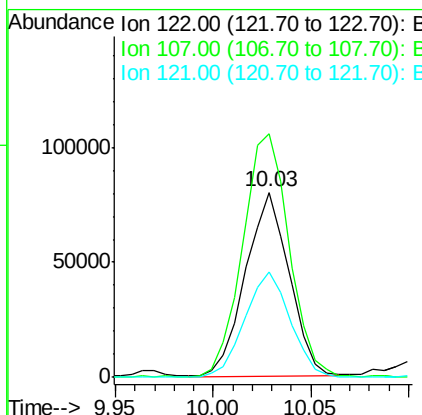
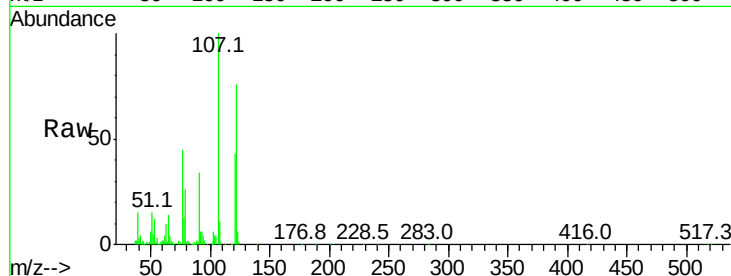




#27
2,4-Dimethylphenol
Concen: 43.670 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

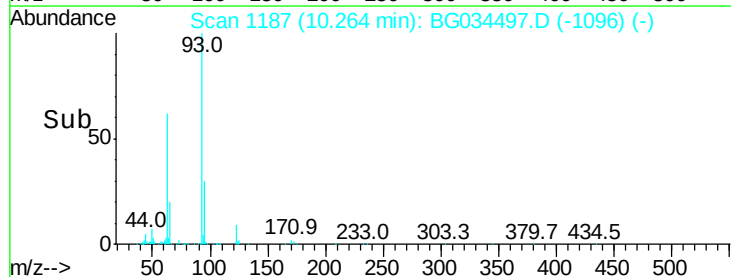
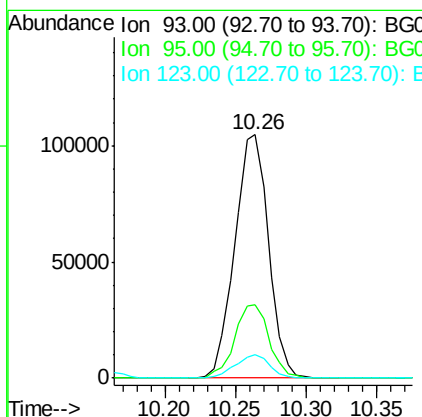
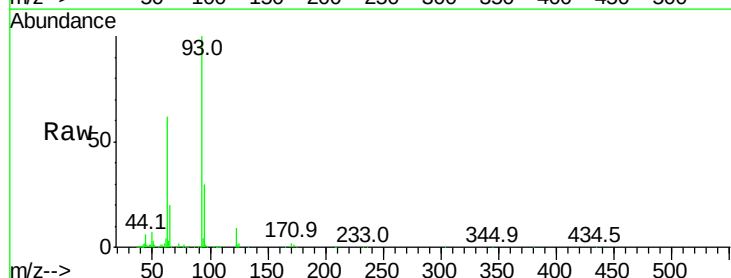
Instrument :
BNA_G
ClientSampleId :

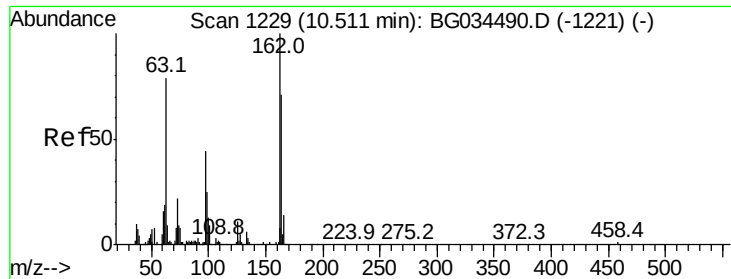
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	56.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.504 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	24.3	36.5
123	9.4	8.4	12.6

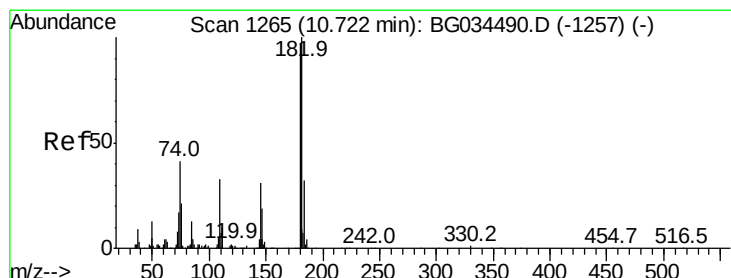
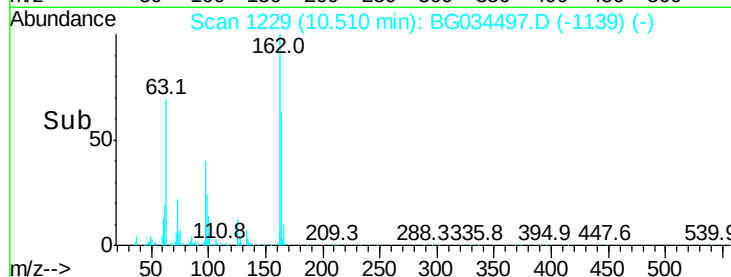
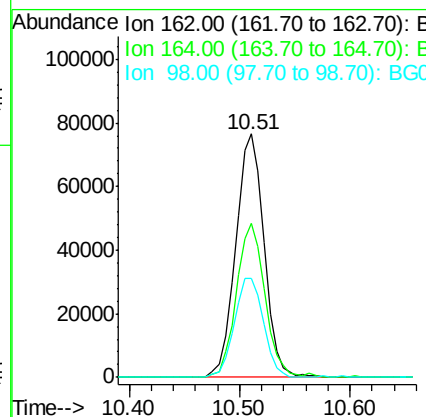
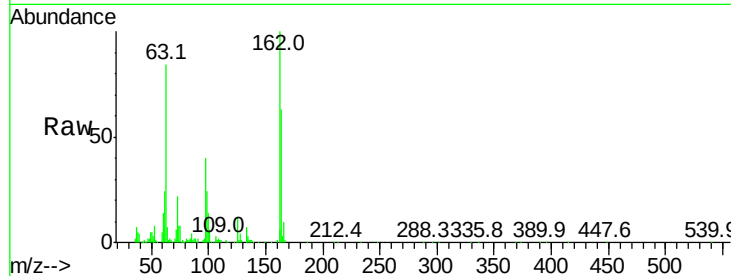




#29
 2,4-Dichlorophenol
 Concen: 46.066 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

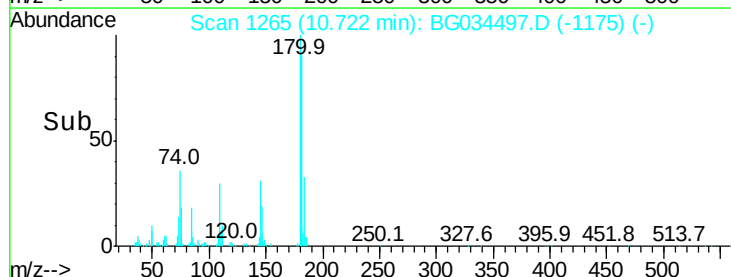
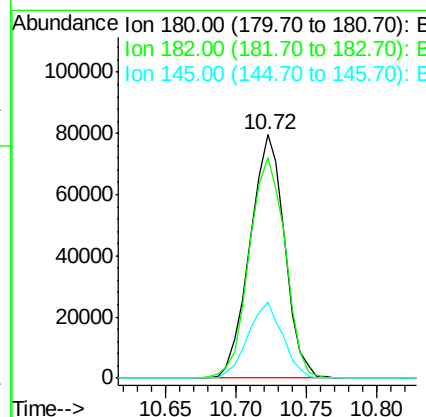
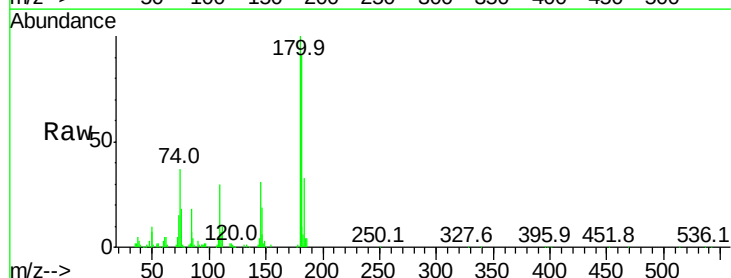
Instrument :
 BNA_G
 ClientSampleId :

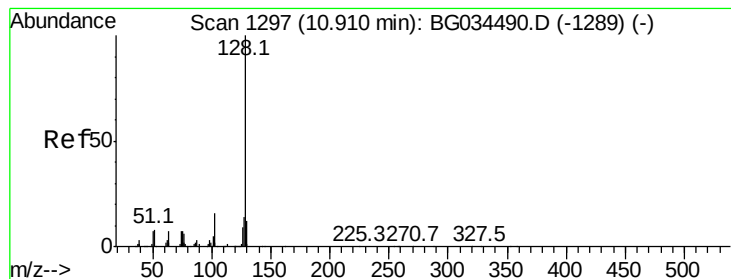
Tot Ion:162 Resp: 137734
 Ion Ratio Lower Upper
 162 100
 164 63.0 48.0 88.0
 98 40.4 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.678 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion:180 Resp: 137504
 Ion Ratio Lower Upper
 180 100
 182 90.6 77.5 116.3
 145 31.1 23.4 35.2

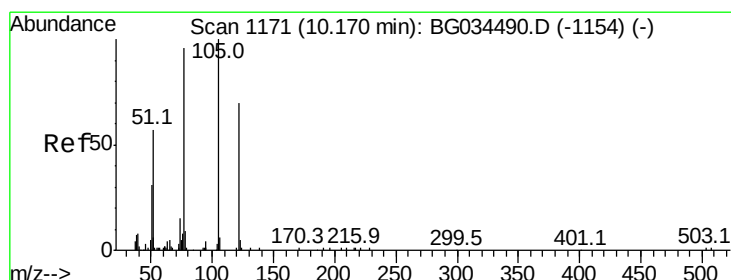
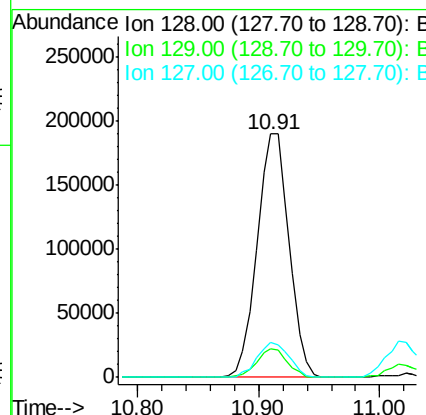
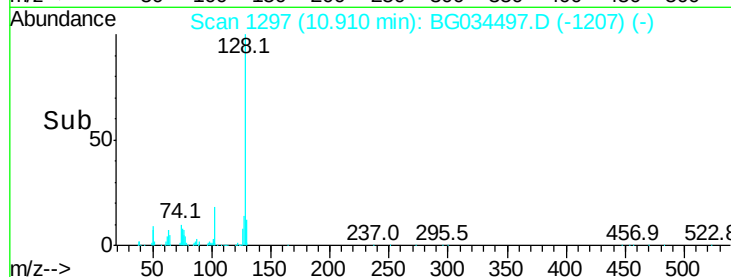
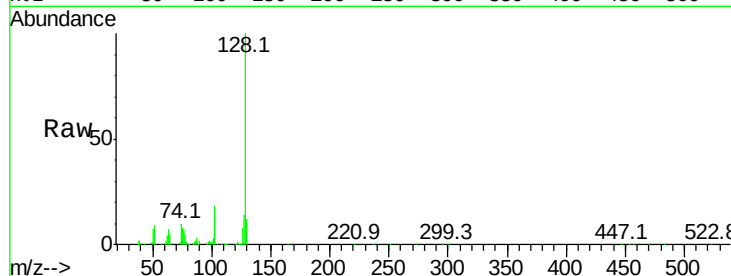




#31
Naphthalene
Concen: 39.677 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

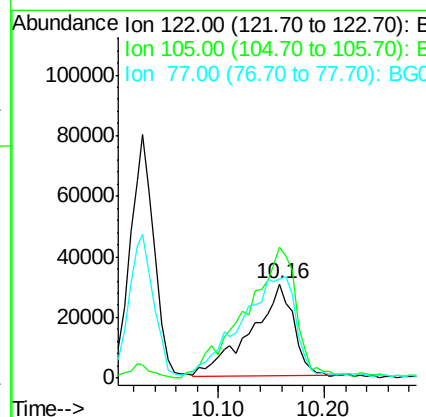
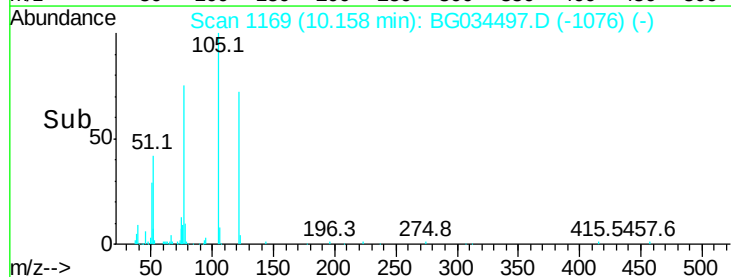
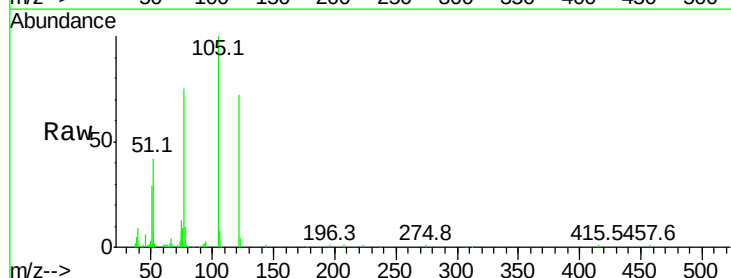
Instrument :
BNA_G
ClientSampleId :

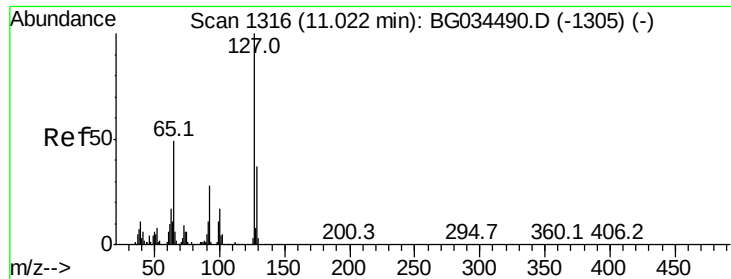
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 41.850 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	123.5	163.5
77	104.9	85.7	125.7

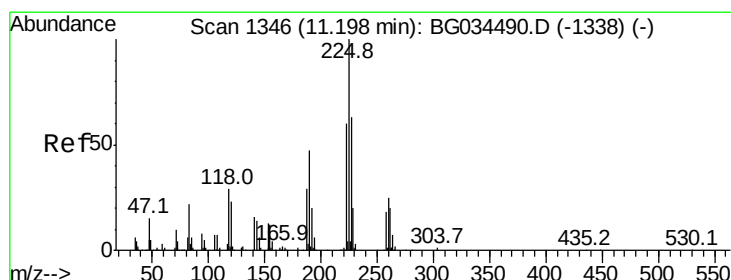
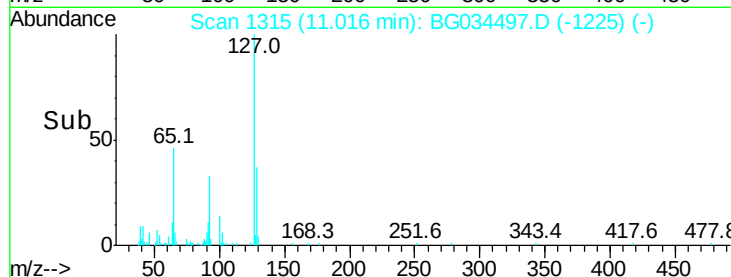
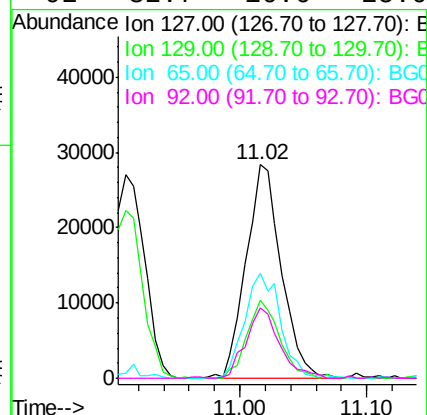
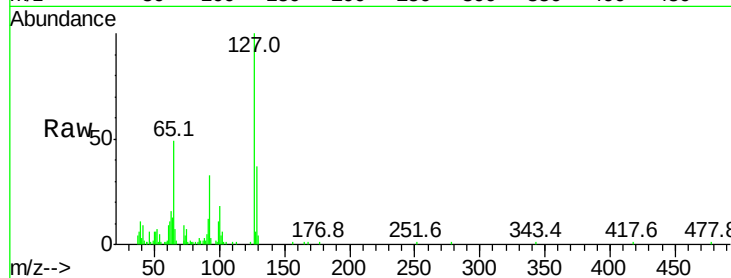




#33
4-Chloroaniline
Concen: 14.280 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

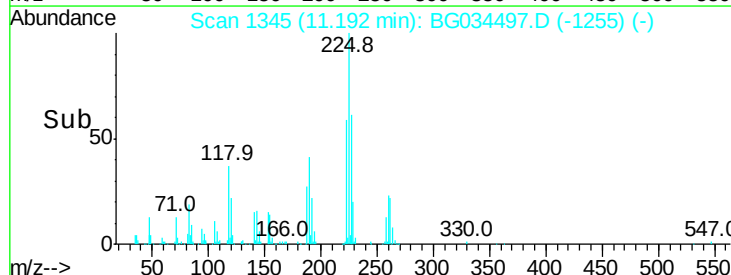
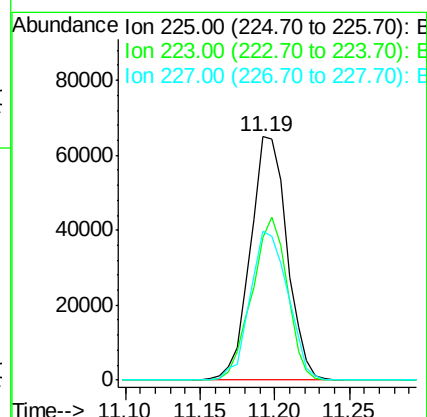
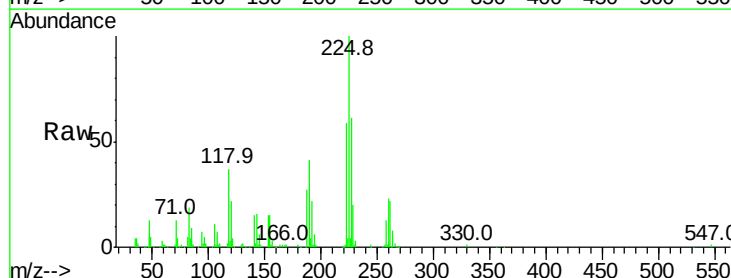
Instrument :
BNA_G
ClientSampleId :

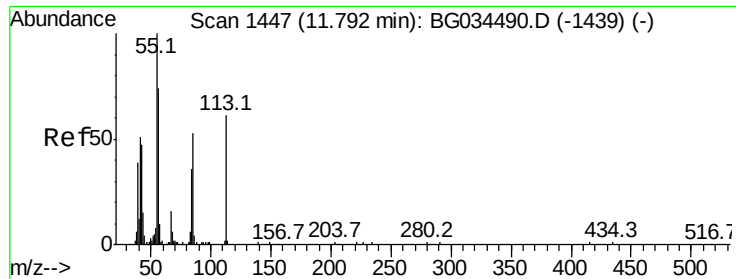
Tot Ion	Ratio	Lower	Upper
127	100		
129	36.8	24.0	36.0#
65	49.1	27.0	40.4#
92	32.7	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 38.865 ng
RT: 11.19 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	49.7	74.5
227	61.0	48.1	72.1





#35

Caprolactam

Concen: 20.013 ng

RT: 11.79 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

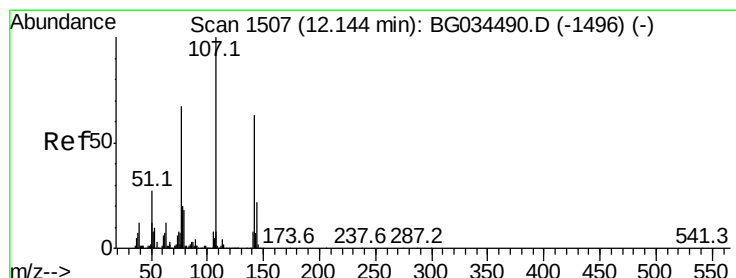
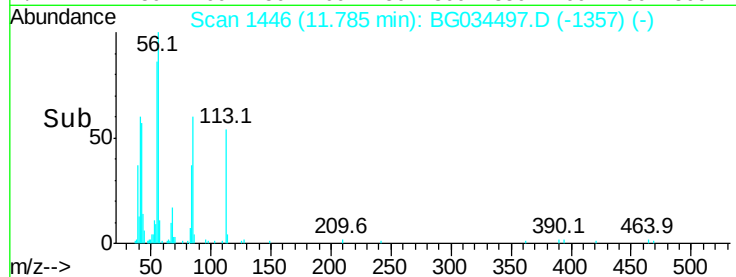
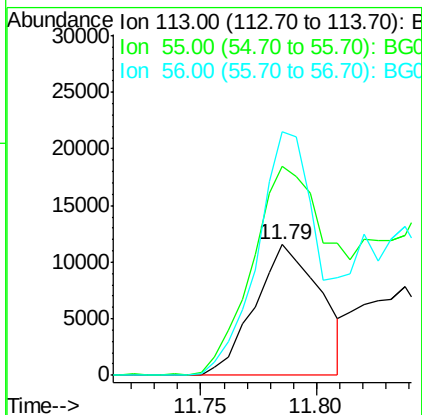
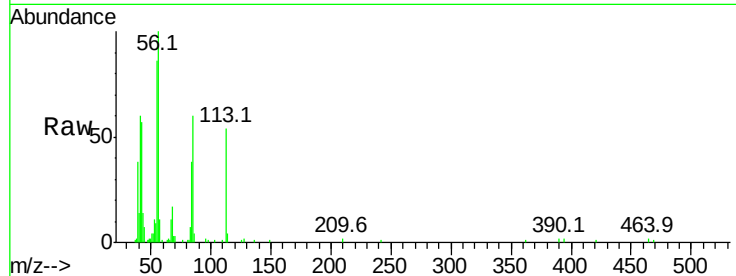
Tot Ion:113 Resp: 22748

Ion Ratio Lower Upper

113 100

55 160.4 186.9 226.9#

56 186.8 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 43.998 ng

RT: 12.14 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

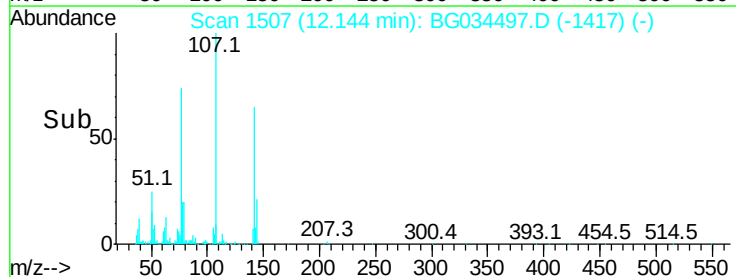
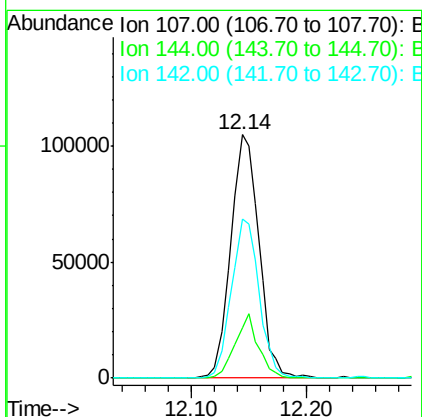
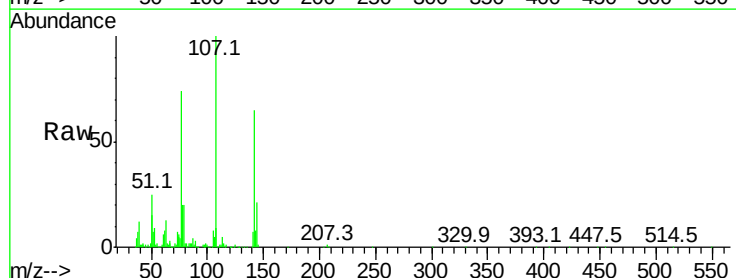
Tgt Ion:107 Resp: 177255

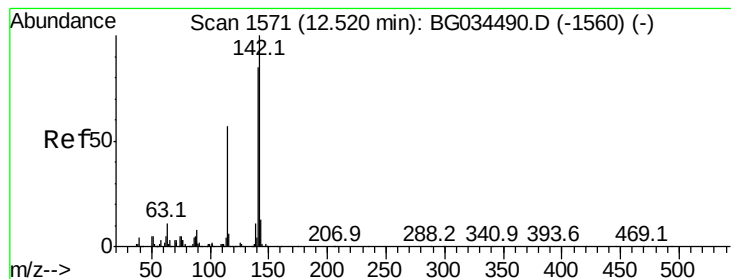
Ion Ratio Lower Upper

107 100

144 20.9 18.2 27.4

142 65.2 59.0 88.4





#37

2-Methylnaphthalene

Concen: 38.602 ng

RT: 12.52 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

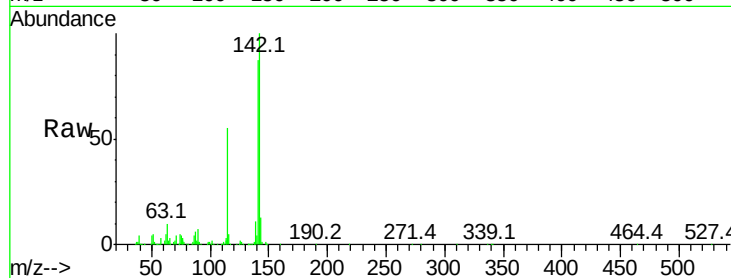
Tot Ion:142 Resp: 273939

Ion Ratio Lower Upper

142 100

141 86.9 67.1 100.7

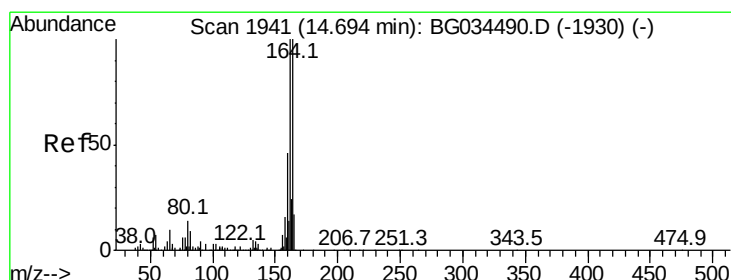
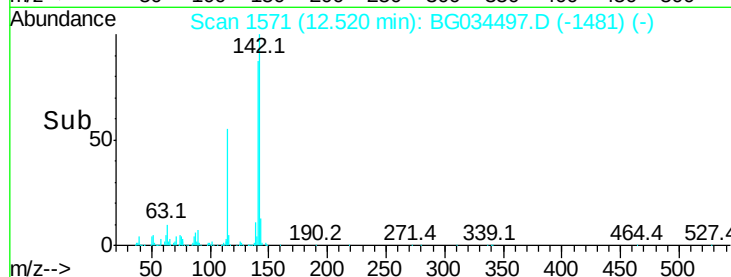
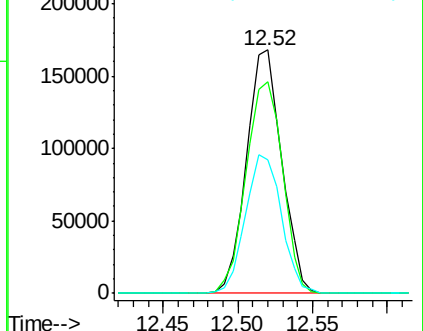
115 55.1 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

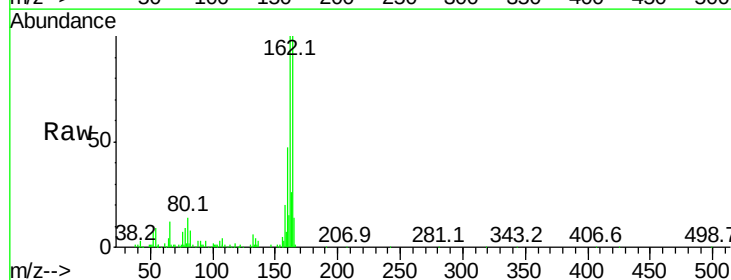
Tgt Ion:164 Resp: 134807

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

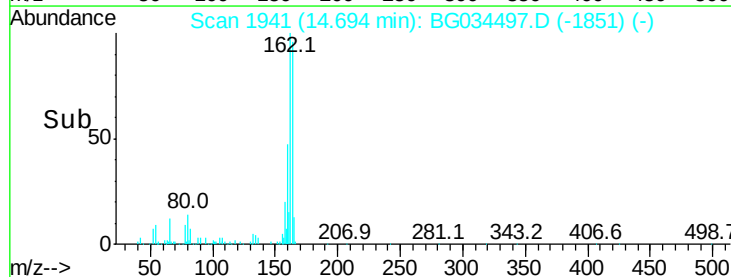
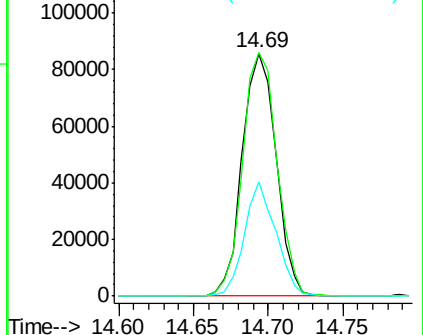
160 47.3 35.4 53.0

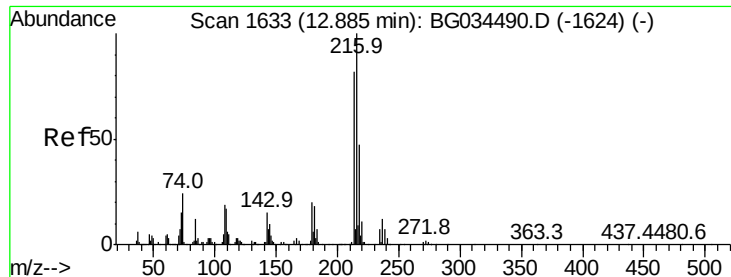


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.441 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 189684

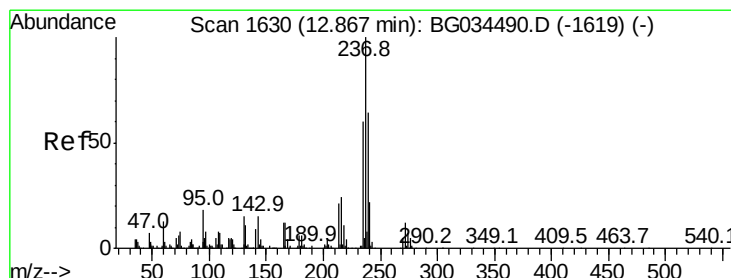
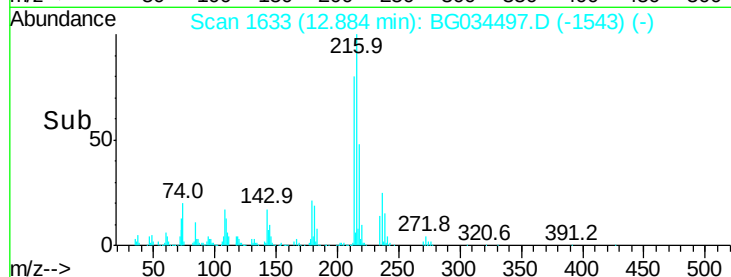
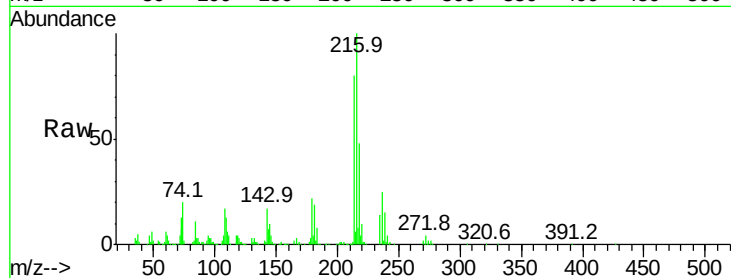
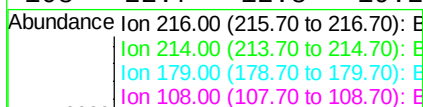
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.0	17.0	25.6
108	22.7	12.8	19.2

216 100

214 78.0 63.0 94.4

179 21.0 17.0 25.6

108 22.7 12.8 19.2



#40

Hexachlorocyclopentadiene

Concen: 72.837 ng

RT: 12.87 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

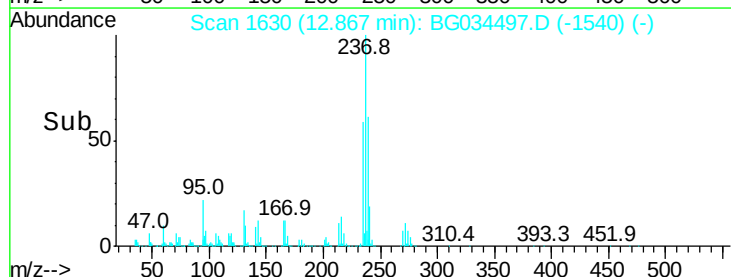
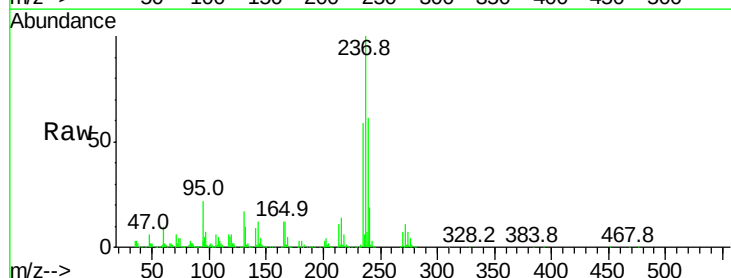
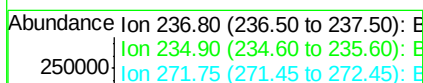
Tgt Ion:237 Resp: 288959

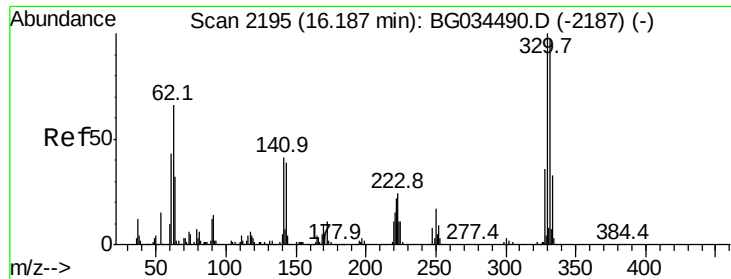
Ion	Ratio	Lower	Upper
237	100		
235	58.7	50.4	90.4
272	10.6	0.0	31.8

237 100

235 58.7 50.4 90.4

272 10.6 0.0 31.8

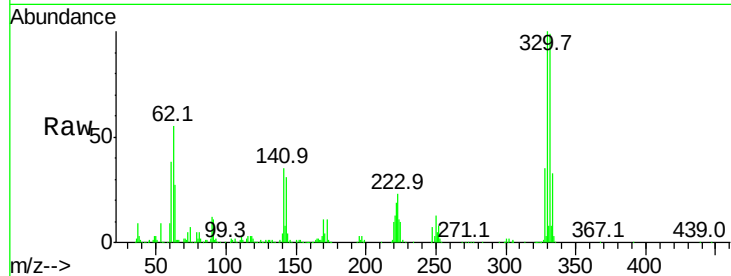




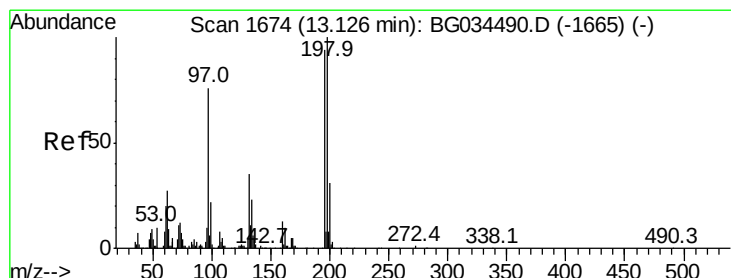
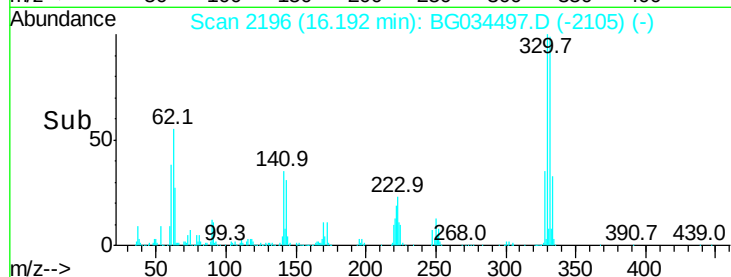
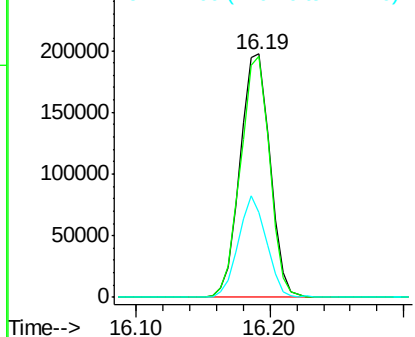
#41
2,4,6-Tribromophenol
Concen: 131.587 ng
RT: 16.19 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:330 Resp: 305510
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 39.0 25.2 37.8#

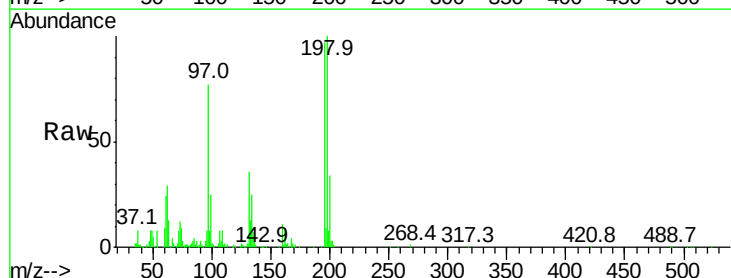


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

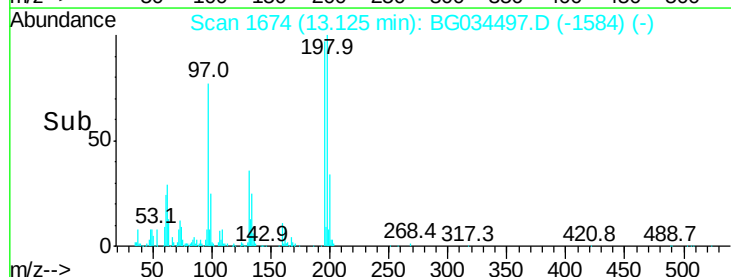
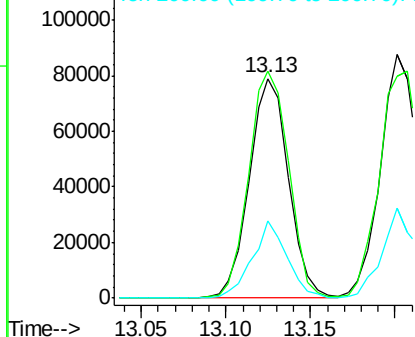


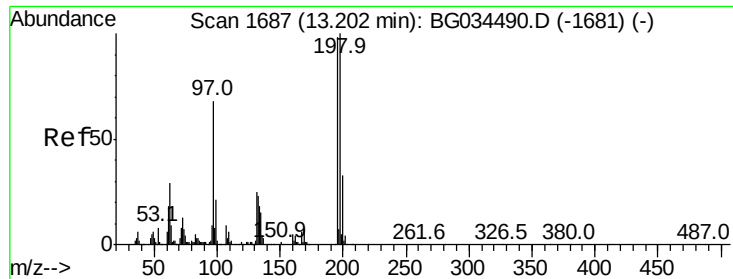
#42
2,4,6-Trichlorophenol
Concen: 40.449 ng
RT: 13.13 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion:196 Resp: 127489
Ion Ratio Lower Upper
196 100
198 103.5 78.2 117.2
200 35.0 24.6 36.8



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

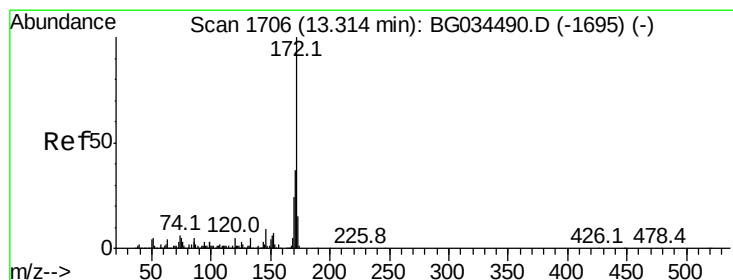
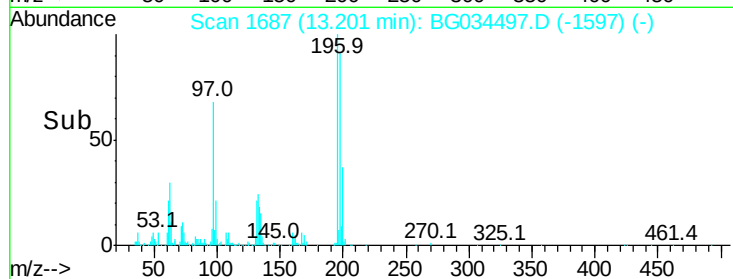
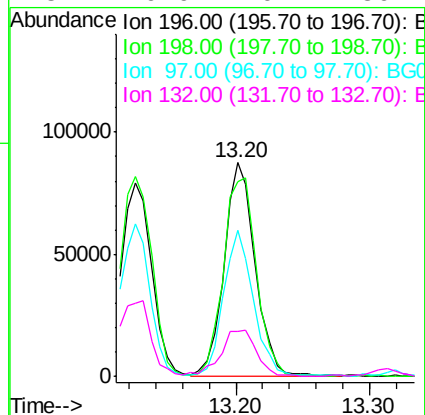
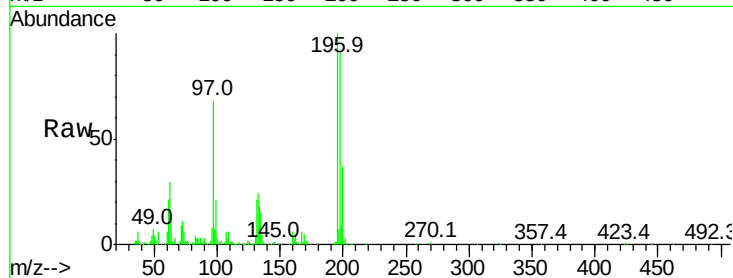




#43
 2,4,5-Trichlorophenol
 Concen: 40.918 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

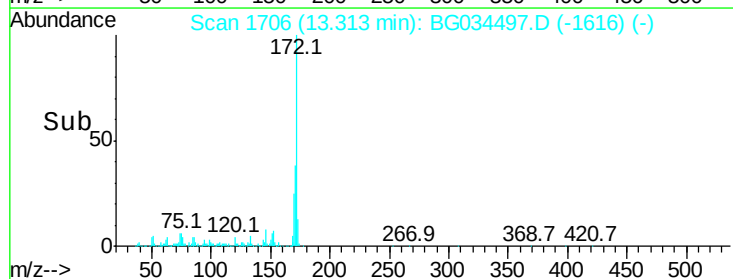
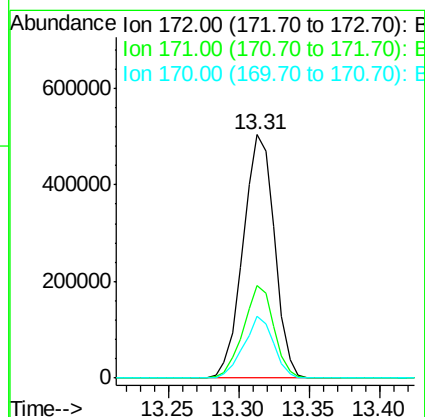
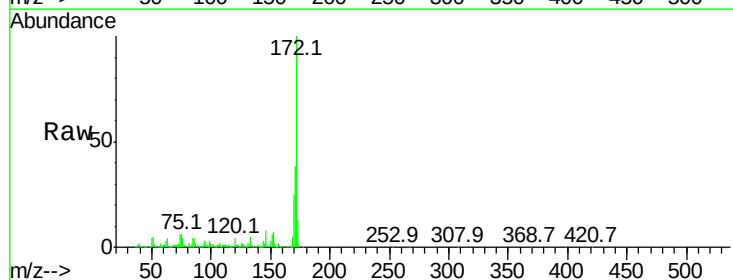
Instrument :
 BNA_G
 ClientSampleId :

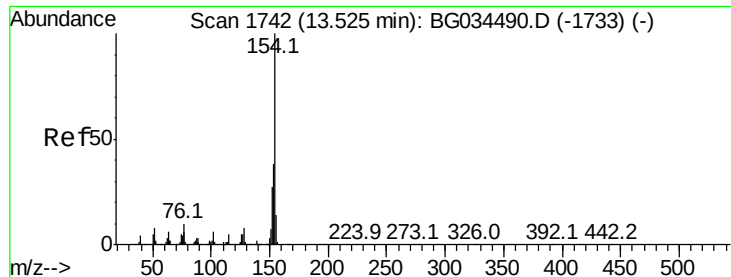
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.2	114.4
97	68.4	38.7	58.1#
132	20.9	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 79.058 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.3	19.5	29.3





#45

1,1'-Biphenyl

Concen: 37.879 ng

RT: 13.52 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG034497.D

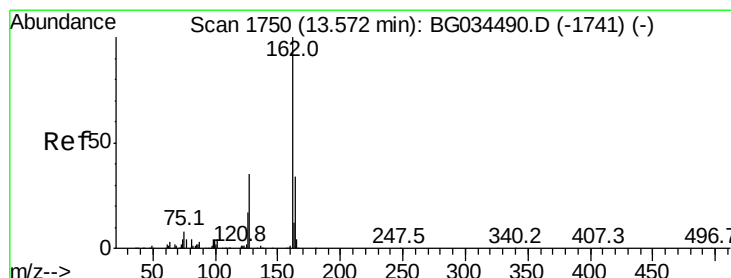
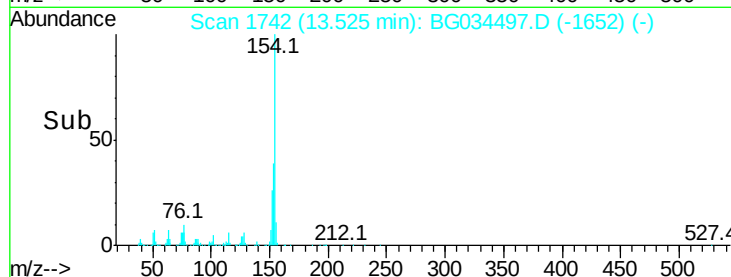
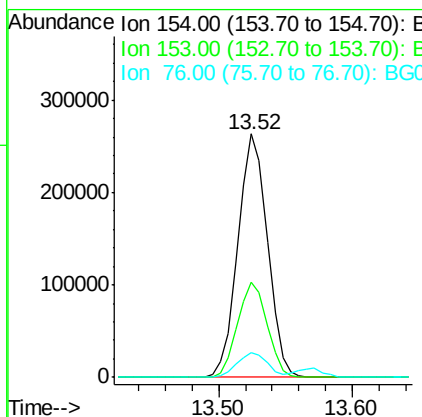
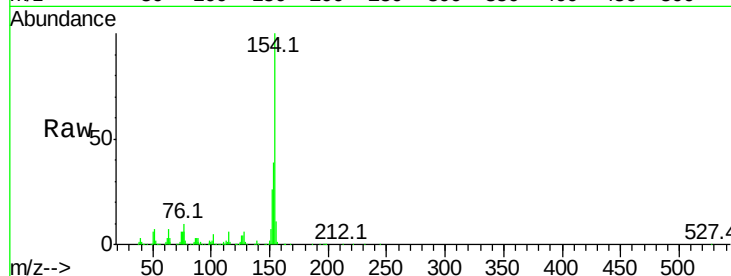
Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	154	Resp:	402167
Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.8	59.8
76	10.1	0.0	31.9



#46

2-Chloronaphthalene

Concen: 38.160 ng

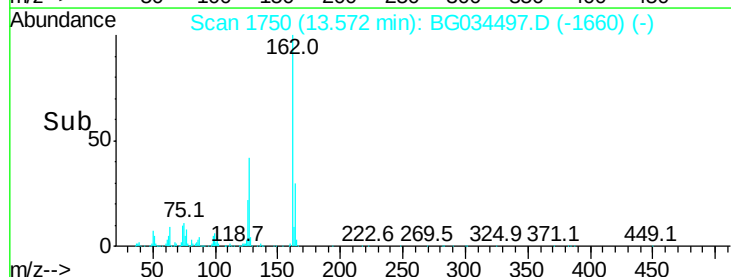
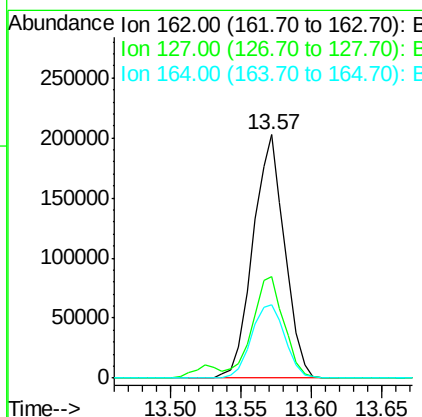
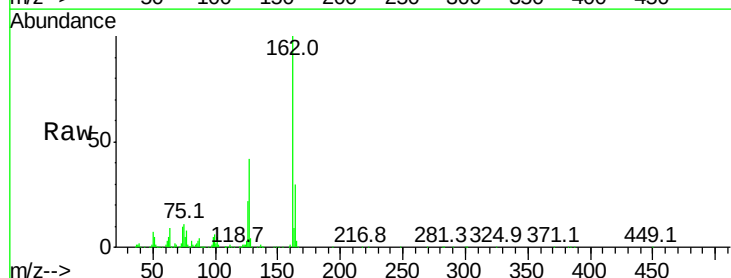
RT: 13.57 min Scan# 1750

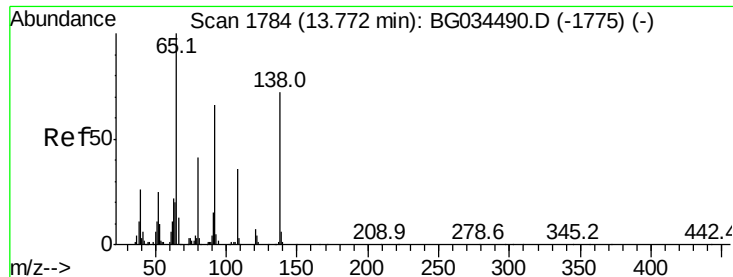
Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:	162	Resp:	318914
Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	29.9	26.0	39.0





#47

2-Nitroaniline

Concen: 41.166 ng

RT: 13.77 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampled :

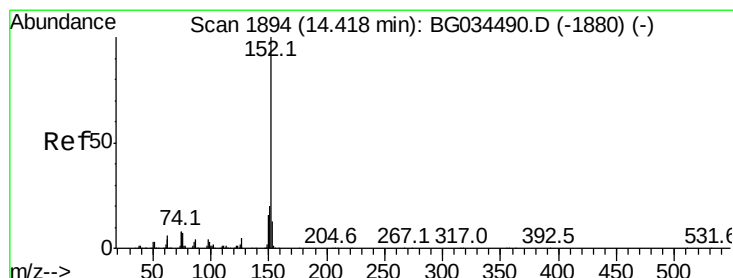
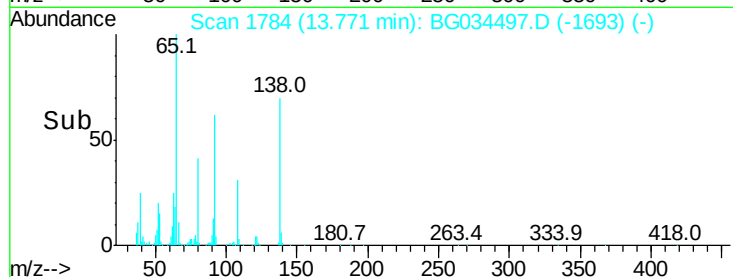
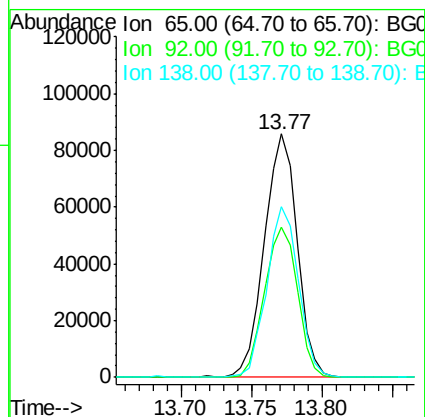
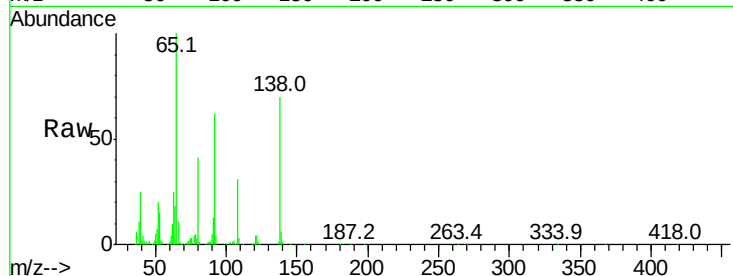
Tot Ion: 65 Resp: 140554

Ion Ratio Lower Upper

65 100

92 61.8 54.6 82.0

138 69.9 72.9 109.3#



#48

Acenaphthylene

Concen: 36.812 ng

RT: 14.42 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

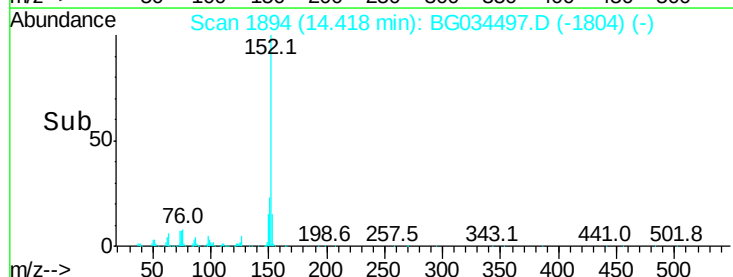
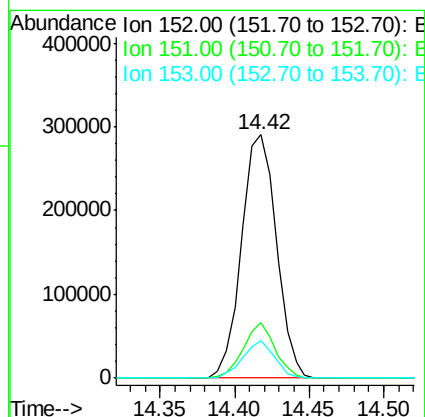
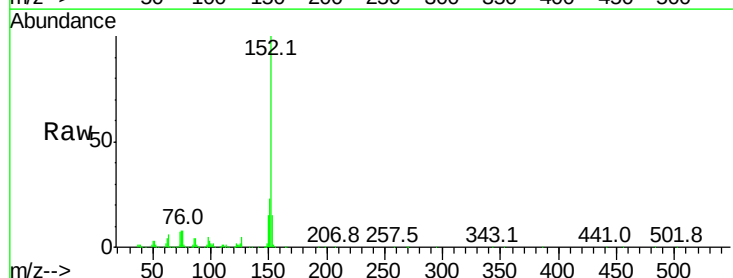
Tgt Ion: 152 Resp: 470821

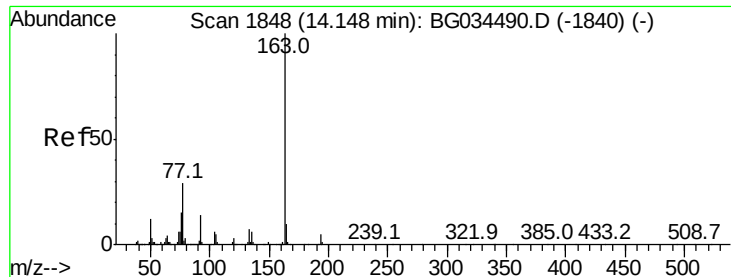
Ion Ratio Lower Upper

152 100

151 22.5 17.2 25.8

153 15.2 10.2 15.4





#49

Dimethylphthalate

Concen: 39.117 ng

RT: 14.15 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

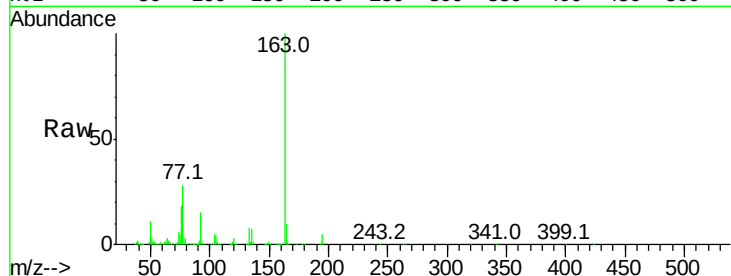
Tot Ion:163 Resp: 455164

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

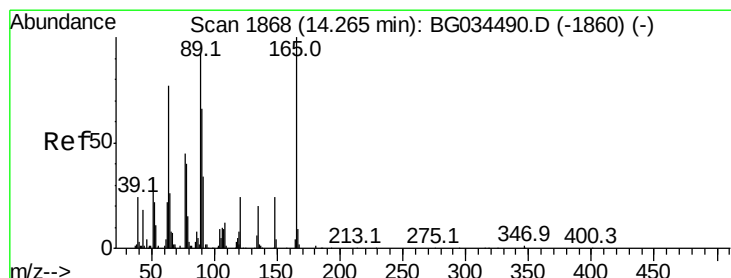
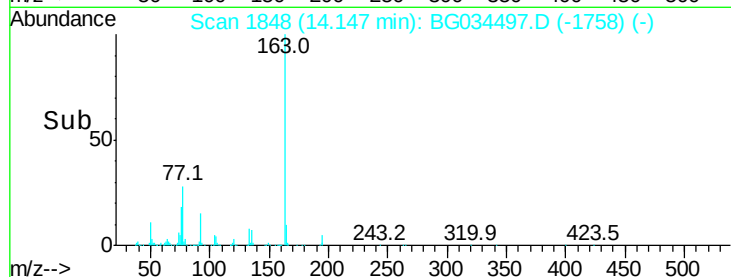
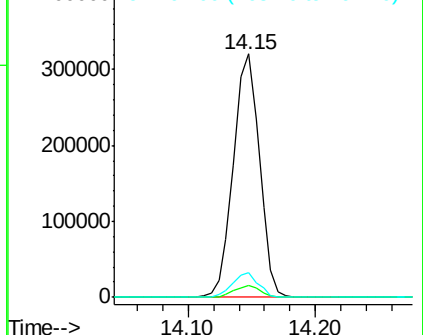
164 10.1 8.2 12.4



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: 39.710 ng

RT: 14.26 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

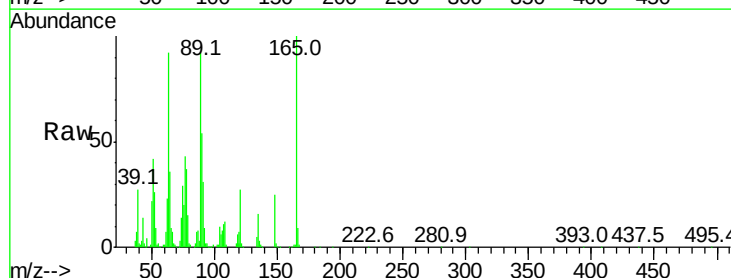
Tgt Ion:165 Resp: 94756

Ion Ratio Lower Upper

165 100

63 91.9 52.7 79.1#

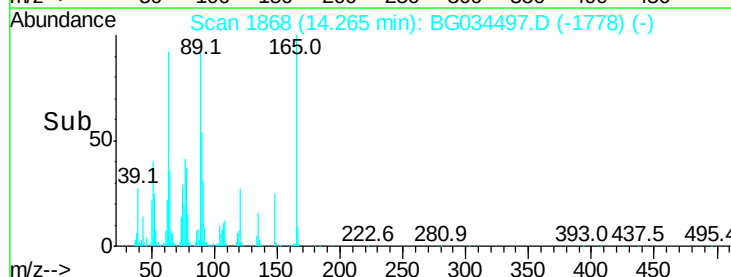
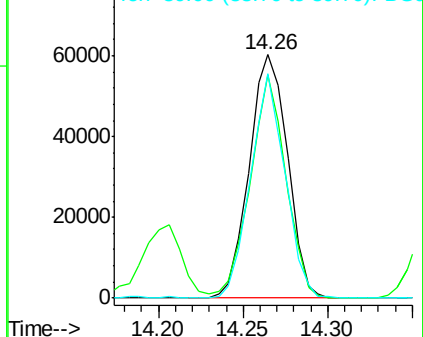
89 92.1 49.2 73.8#

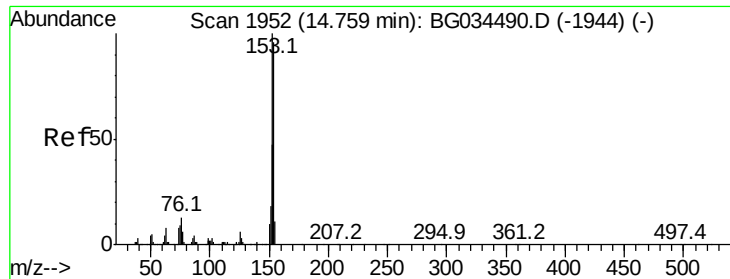


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.005 ng

RT: 14.76 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

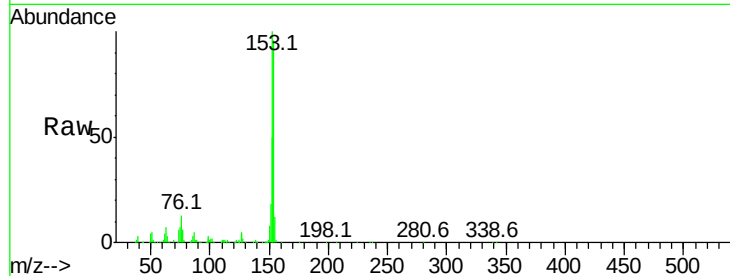
Tot Ion:154 Resp: 315124

Ion Ratio Lower Upper

154 100

153 104.2 90.4 135.6

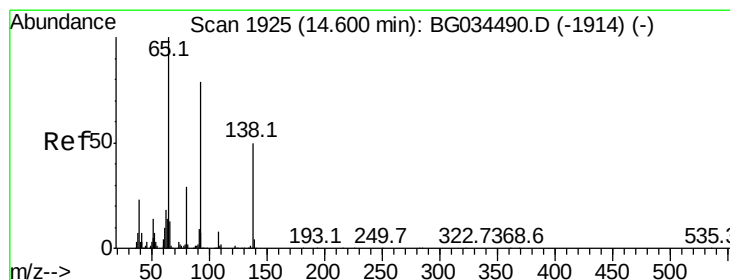
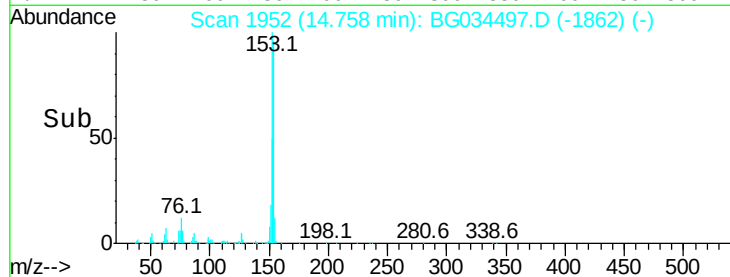
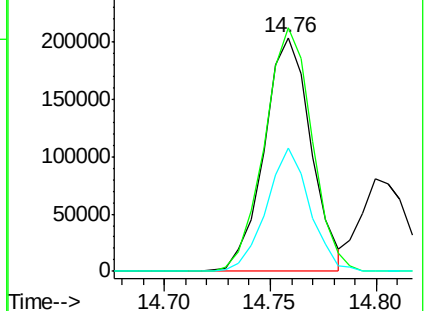
152 52.5 41.6 62.4



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: 23.655 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

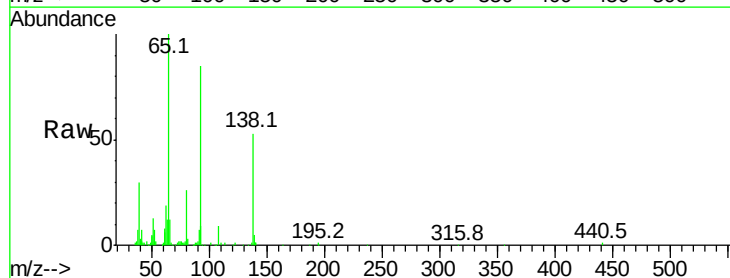
Tgt Ion:138 Resp: 52170

Ion Ratio Lower Upper

138 100

108 16.3 17.5 26.3#

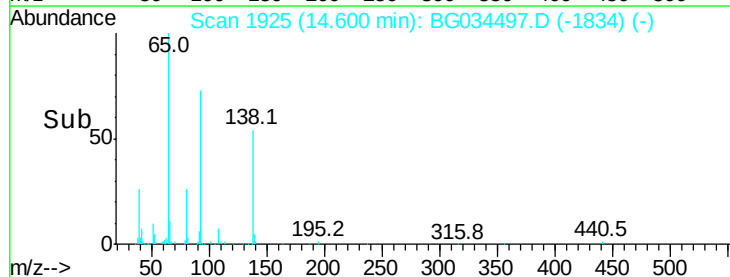
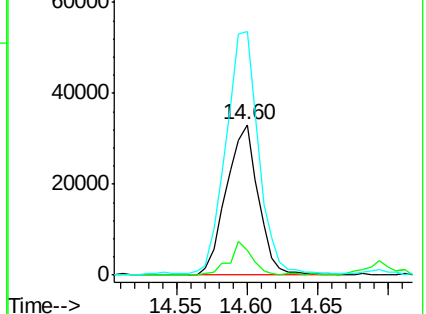
92 161.6 105.8 158.8#

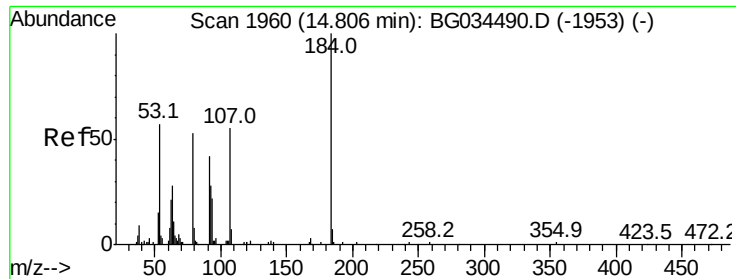


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

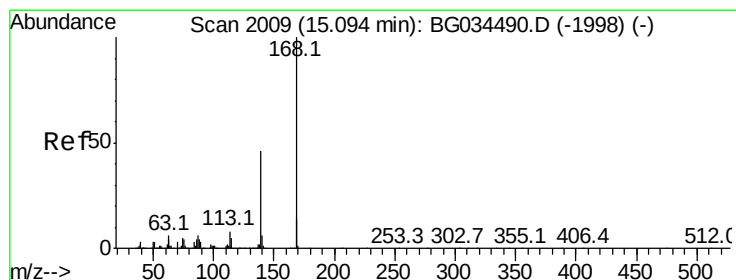
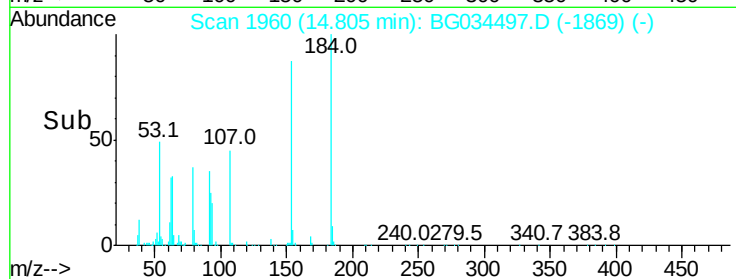
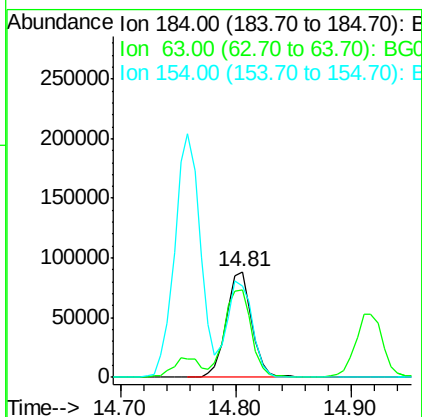
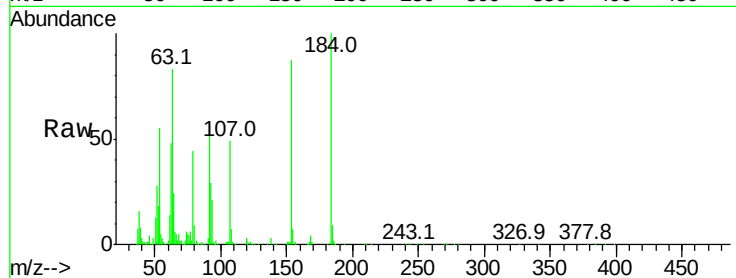




#53
2,4-Dinitrophenol
Concen: 85.927 ng
RT: 14.81 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

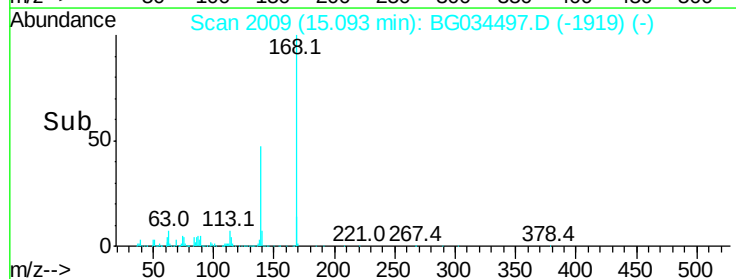
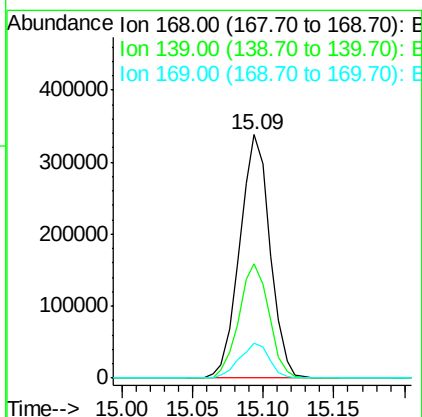
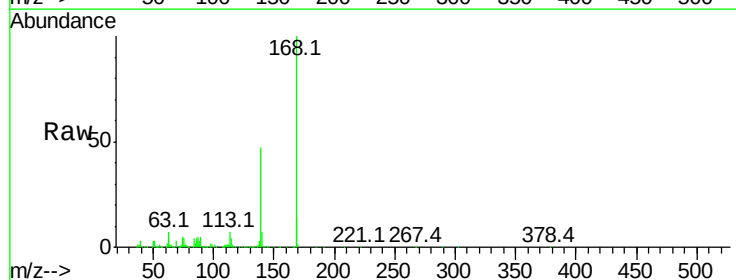
Instrument :
BNA_G
ClientSampleId :

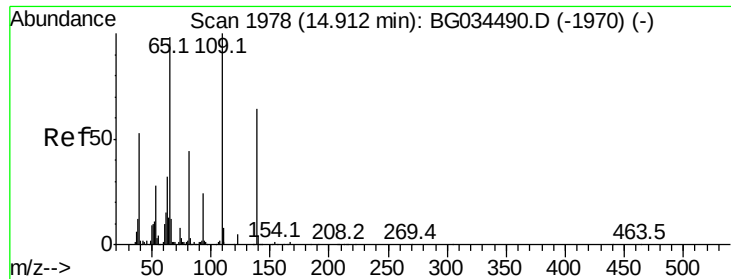
Tot Ion:184 Resp: 134895
Ion Ratio Lower Upper
184 100
63 83.0 59.8 89.8
154 87.1 101.8 152.8#



#54
Dibenzofuran
Concen: 37.247 ng
RT: 15.09 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion:168 Resp: 506604
Ion Ratio Lower Upper
168 100
139 47.0 28.6 43.0#
169 14.4 11.2 16.8

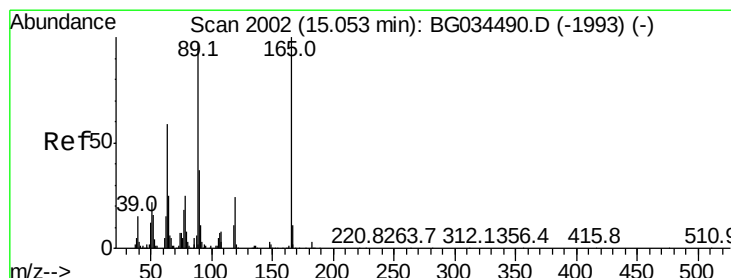
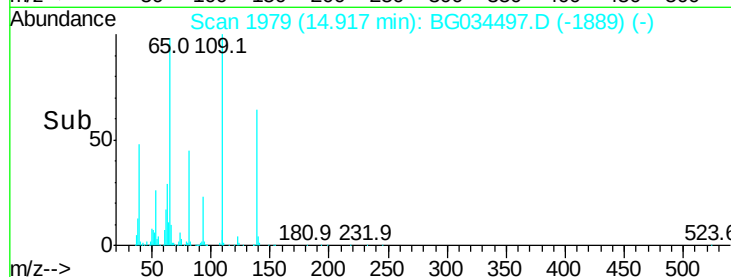
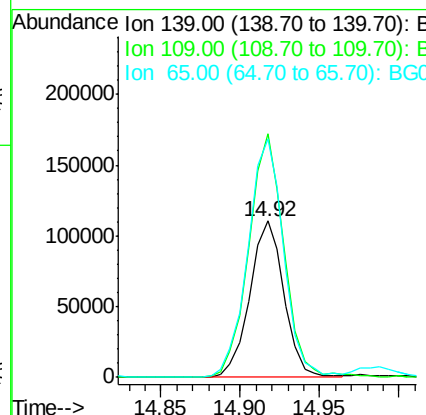
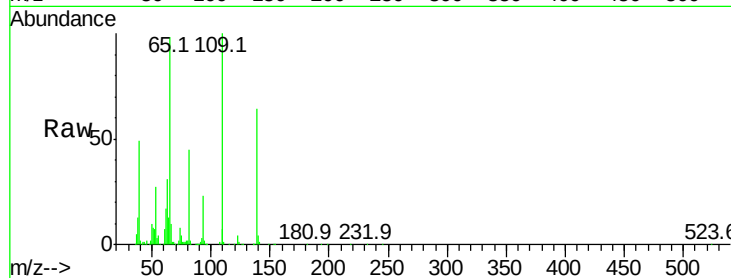




#55
4-Nitrophenol
Concen: 85.448 ng
RT: 14.92 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

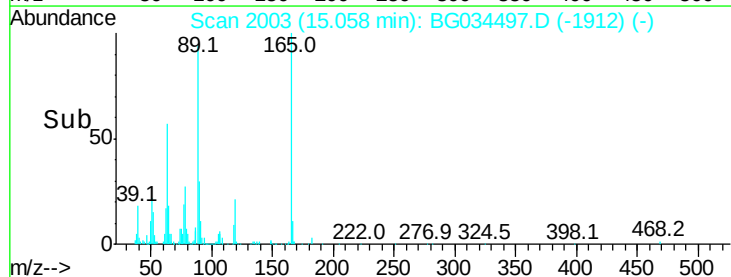
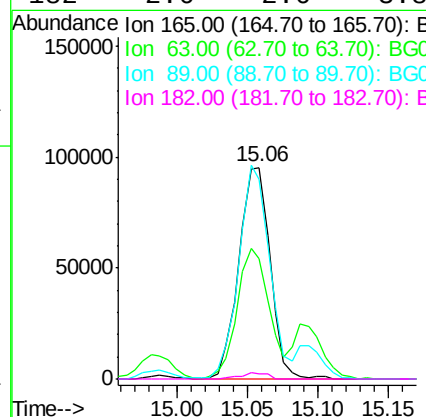
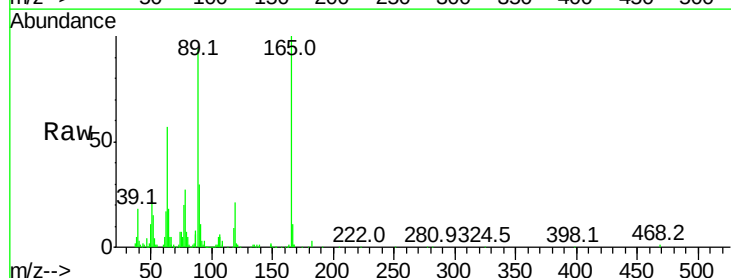
Instrument :
BNA_G
ClientSampleId :

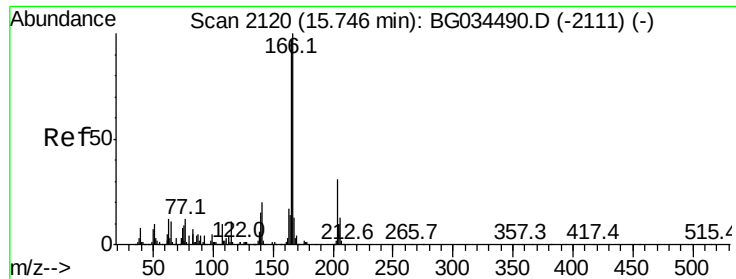
Tot Ion:139 Resp: 165604
Ion Ratio Lower Upper
139 100
109 156.1 62.2 102.2#
65 152.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.778 ng
RT: 15.06 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion:165 Resp: 147982
Ion Ratio Lower Upper
165 100
63 57.1 42.0 63.0
89 94.4 66.9 100.3
182 2.6 2.6 3.8

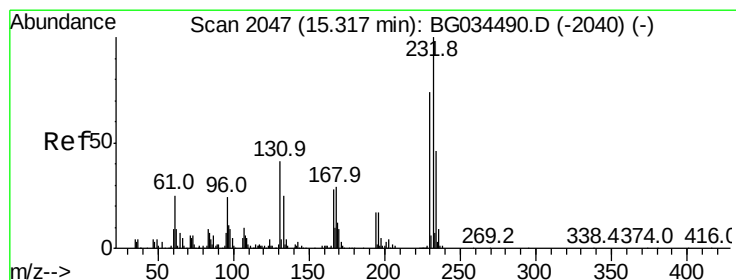
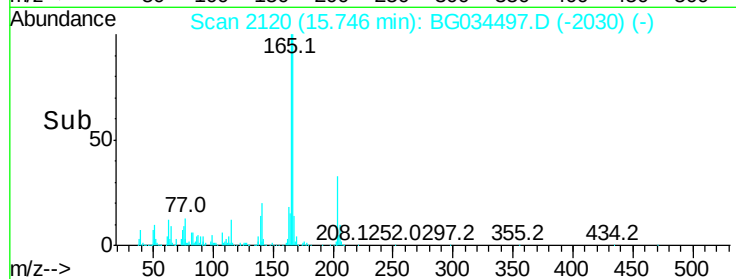
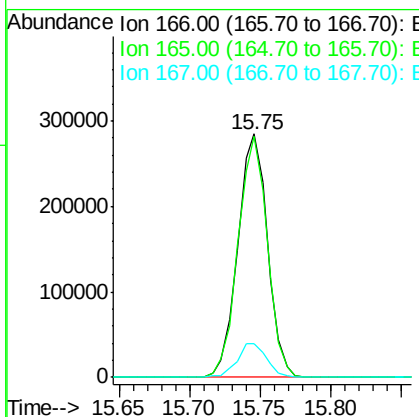
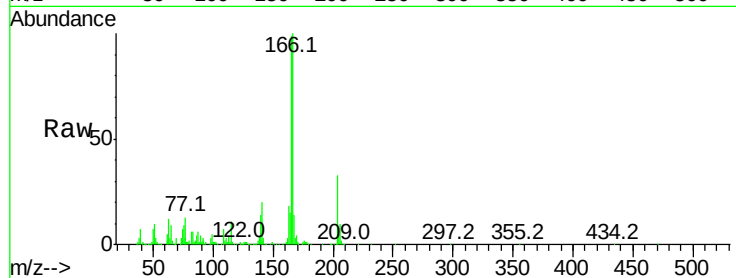




#57
 Fluorene
 Concen: 39.321 ng
 RT: 15.75 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

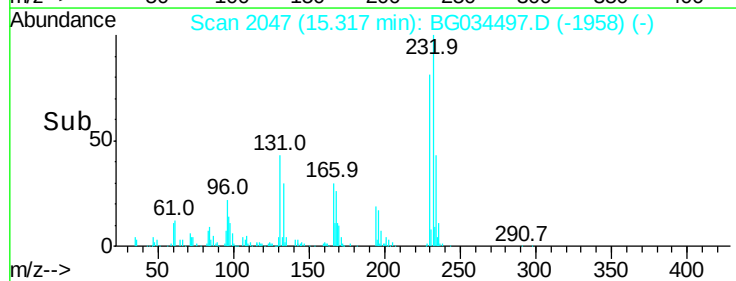
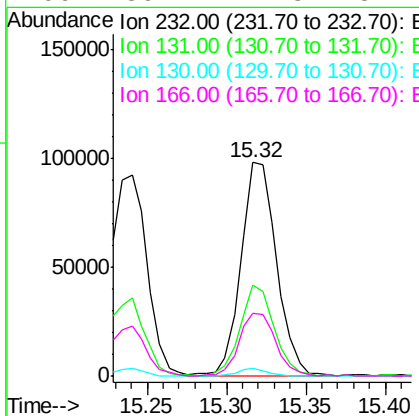
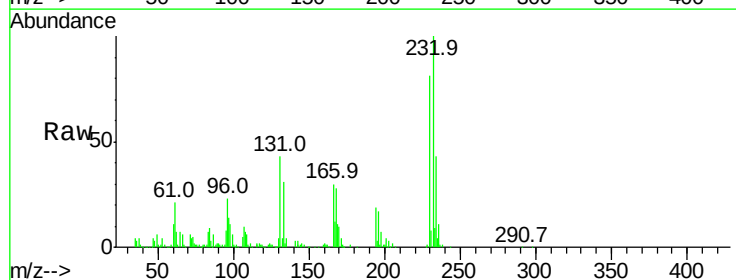
Instrument :
 BNA_G
 ClientSampleId :

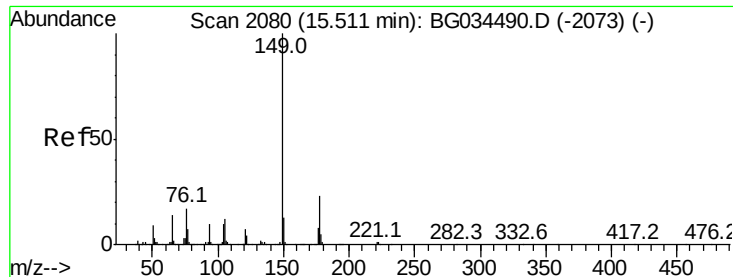
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.6	121.0
167	13.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.589 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.5	50.3
130	2.9	2.2	3.2
166	30.2	24.8	37.2





#59

Diethylphthalate

Concen: 40.659 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

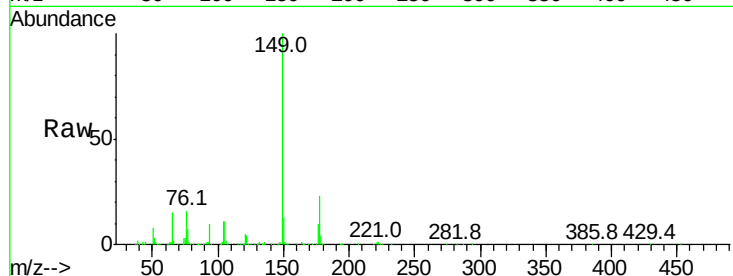
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 492027

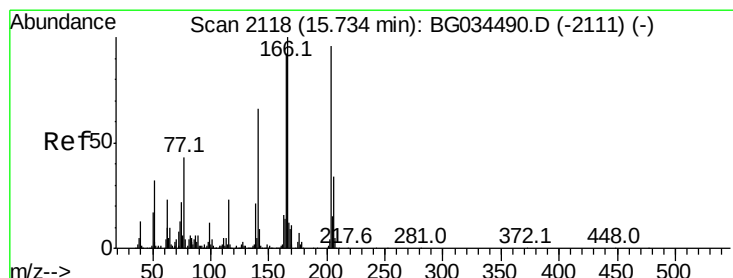
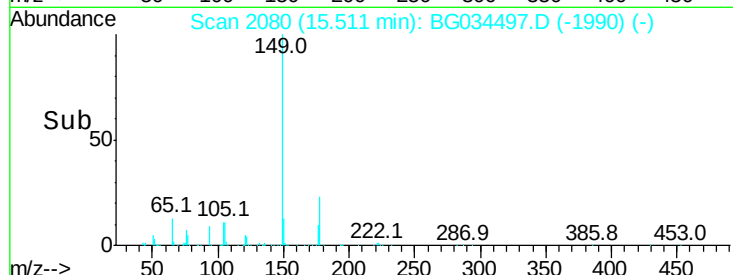
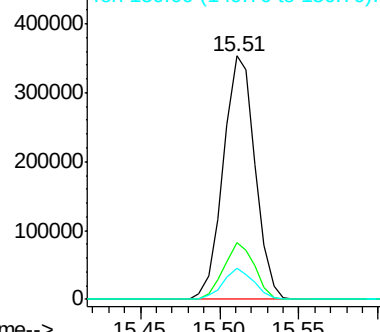
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	12.8	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.837 ng

RT: 15.73 min Scan# 2118

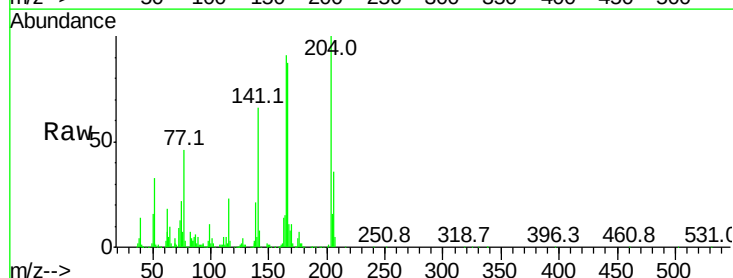
Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:204 Resp: 238514

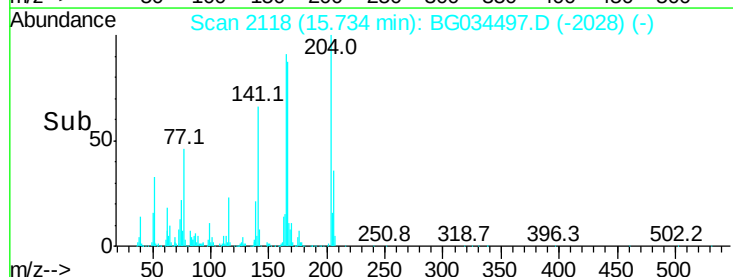
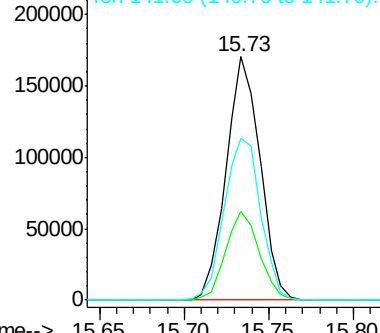
Ion	Ratio	Lower	Upper
204	100		
206	36.4	26.2	39.2
141	66.3	45.8	68.6

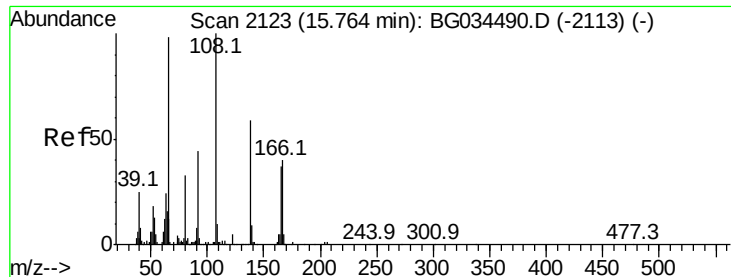


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

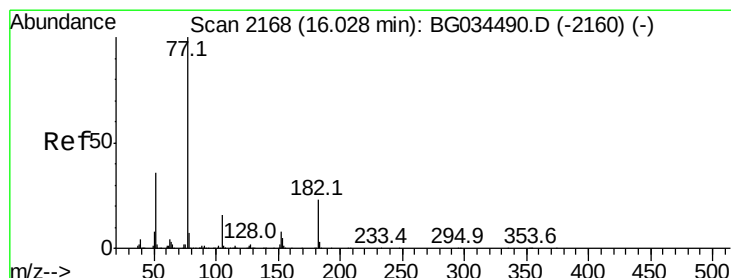
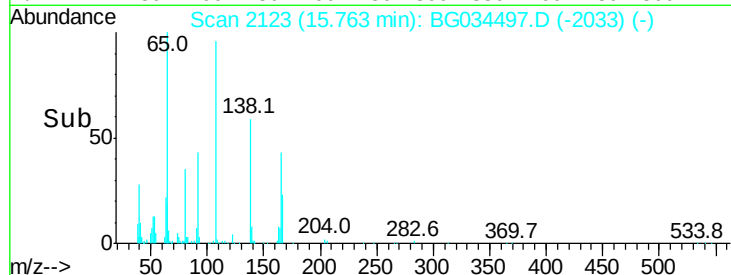
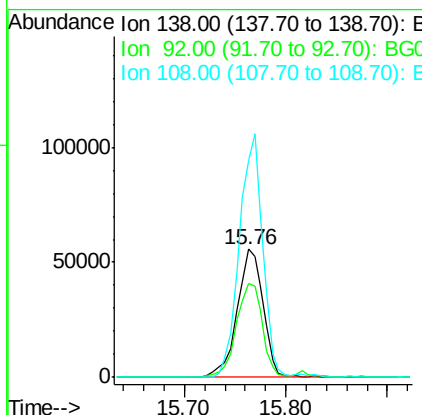
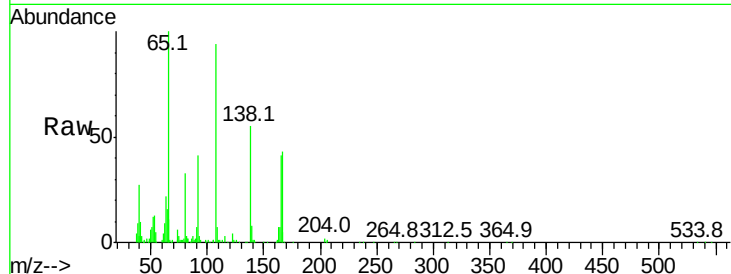




#61
4-Nitroaniline
Concen: 39.702 ng
RT: 15.76 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

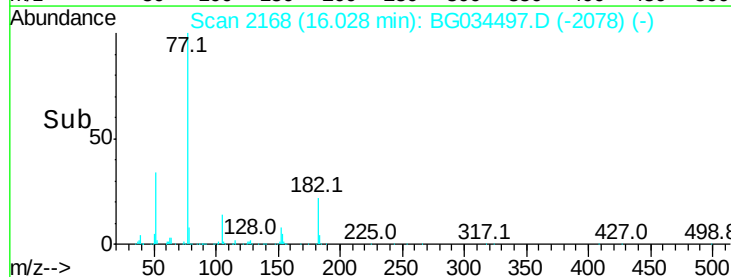
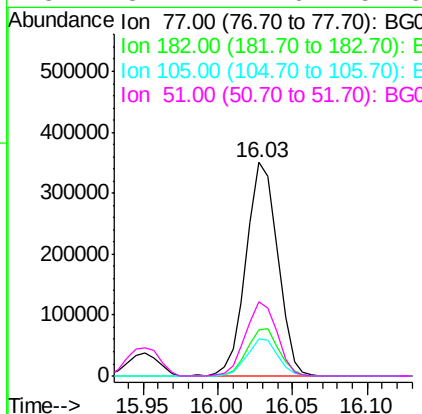
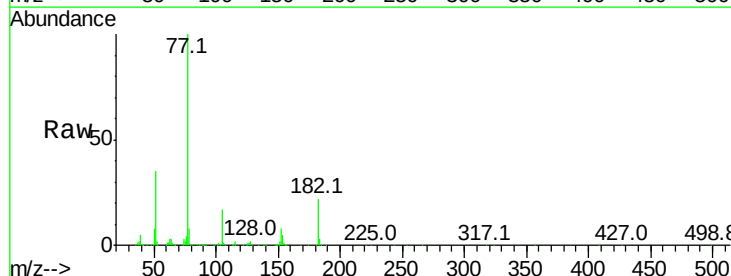
Instrument :
BNA_G
ClientSampleId :

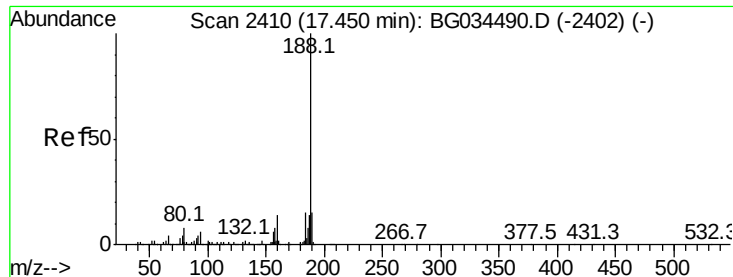
Tot Ion:138 Resp: 99263
Ion Ratio Lower Upper
138 100
92 73.5 40.1 80.1
108 169.8 65.4 105.4#



#62
Azobenzene
Concen: 39.880 ng
RT: 16.03 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion: 77 Resp: 512314
Ion Ratio Lower Upper
77 100
182 21.7 7.4 47.4
105 17.4 0.3 40.3
51 34.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

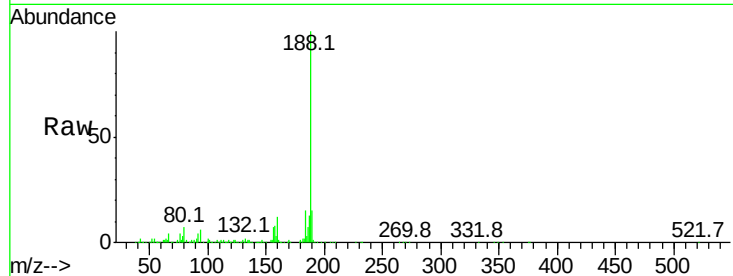
Tot Ion:188 Resp: 355629

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

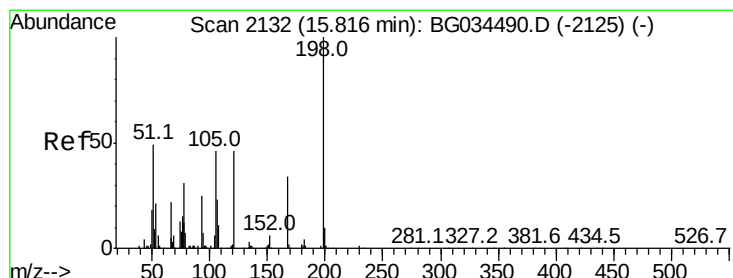
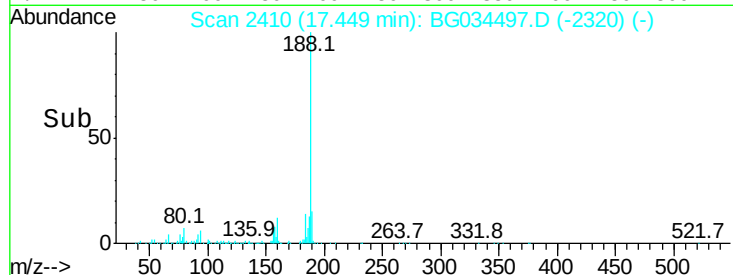
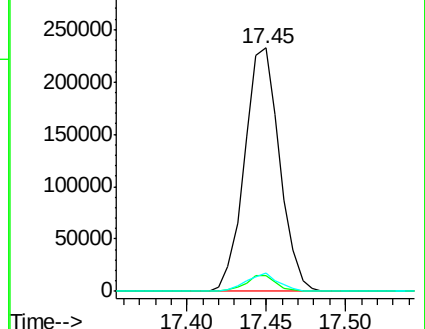
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.944 ng

RT: 15.82 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

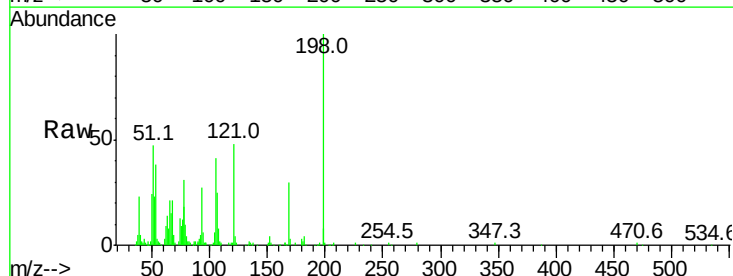
Tgt Ion:198 Resp: 91091

Ion Ratio Lower Upper

198 100

51 47.5 30.6 70.6

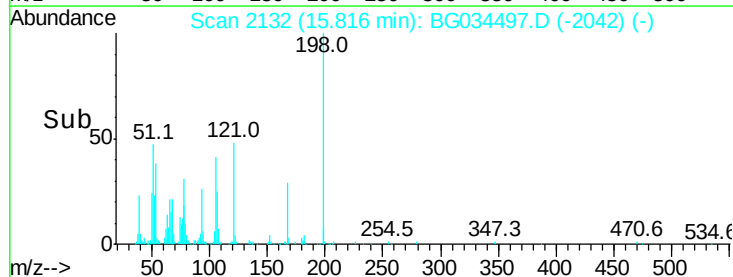
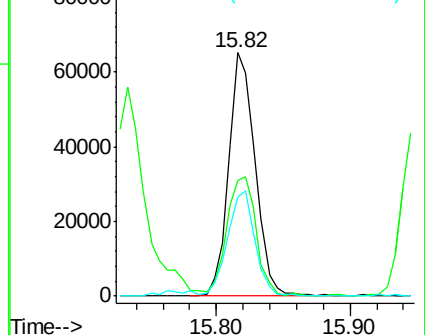
105 40.9 23.8 63.8

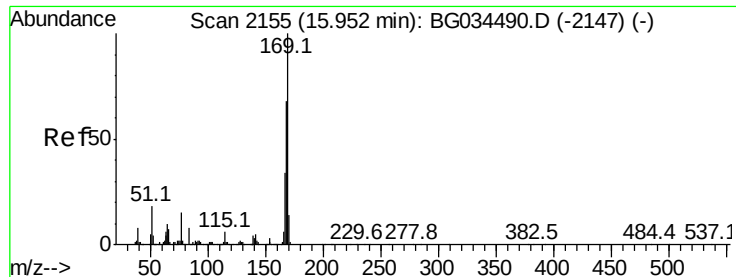


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.941 ng

RT: 15.95 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

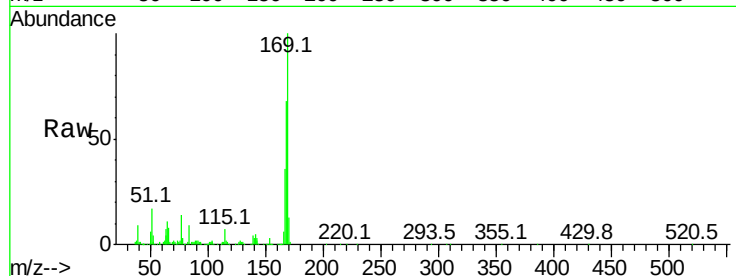
Tot Ion:169 Resp: 394567

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

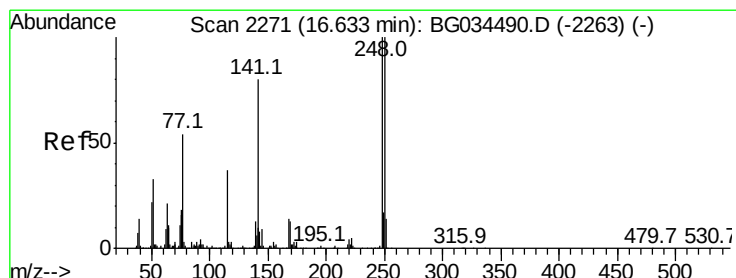
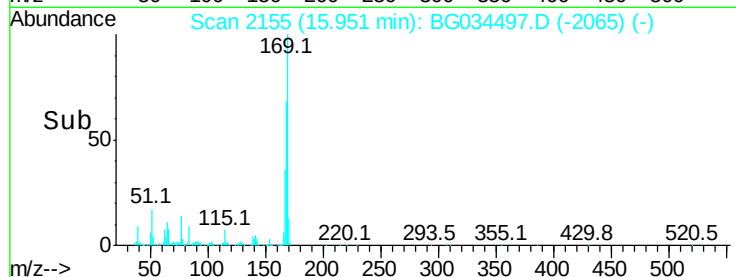
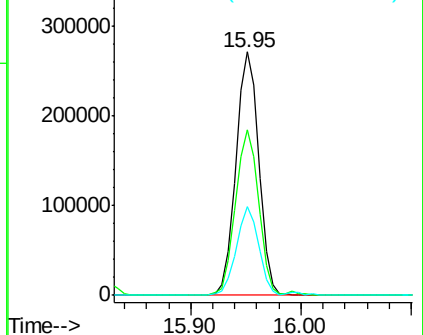
167 36.3 30.1 45.1



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: 39.495 ng

RT: 16.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

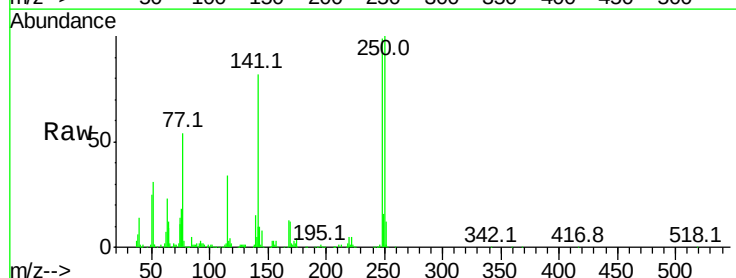
Tgt Ion:248 Resp: 184843

Ion Ratio Lower Upper

248 100

250 100.6 77.1 115.7

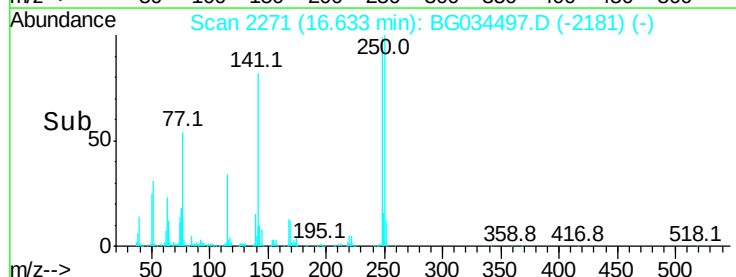
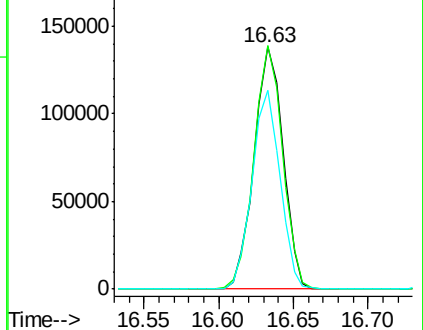
141 82.2 50.8 76.2#

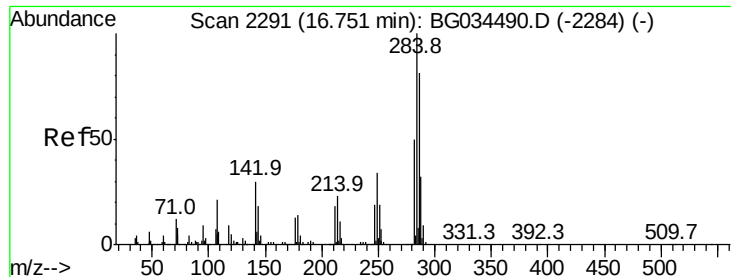


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.210 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

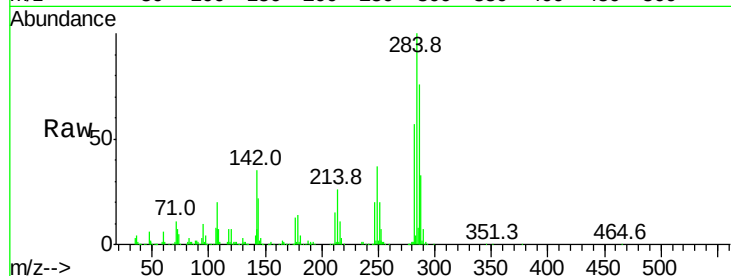
Instrument :

BNA_G

ClientSampleId :

Tot Ion:284 Resp: 202785

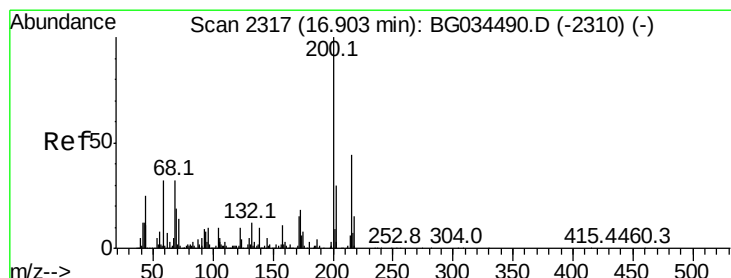
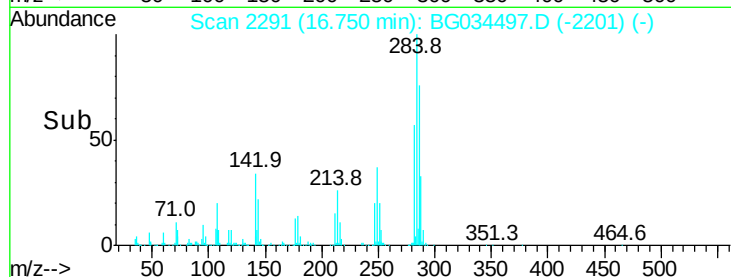
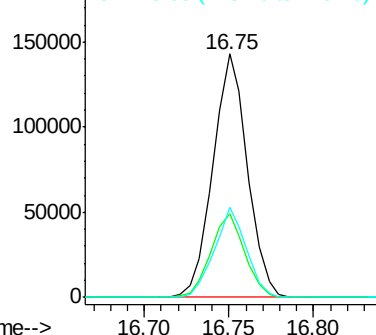
Ion	Ratio	Lower	Upper
284	100		
142	34.6	26.8	40.2
249	36.9	26.3	39.5



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: 42.762 ng

RT: 16.90 min Scan# 2317

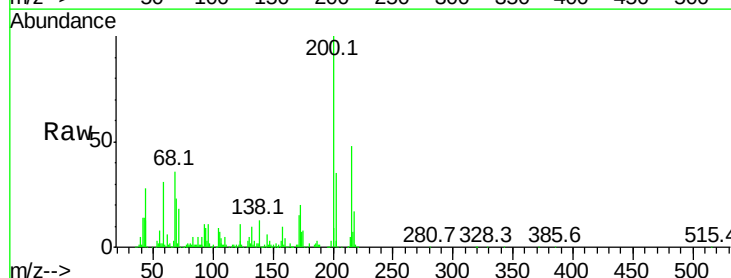
Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:200 Resp: 197086

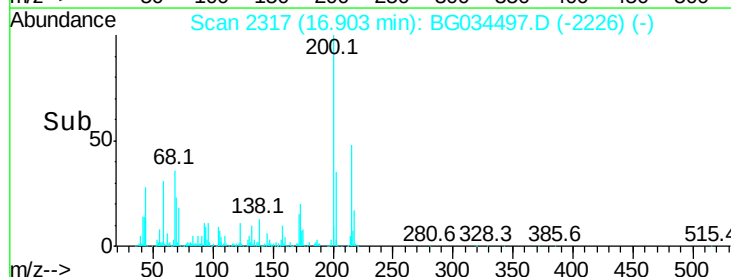
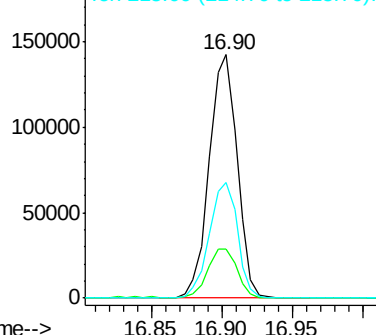
Ion	Ratio	Lower	Upper
200	100		
173	20.4	5.2	45.2
215	47.6	30.4	70.4

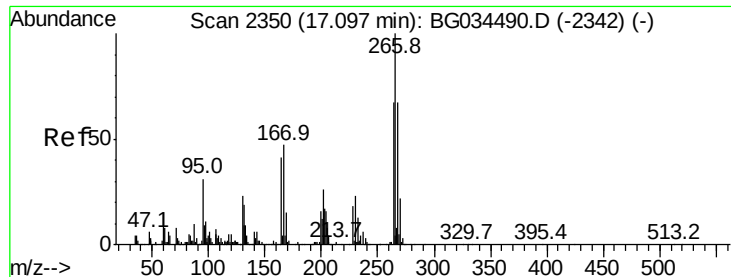


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

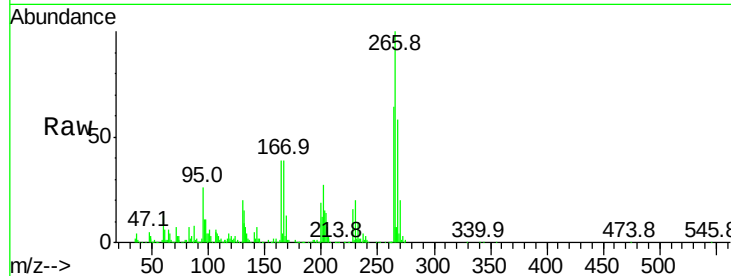




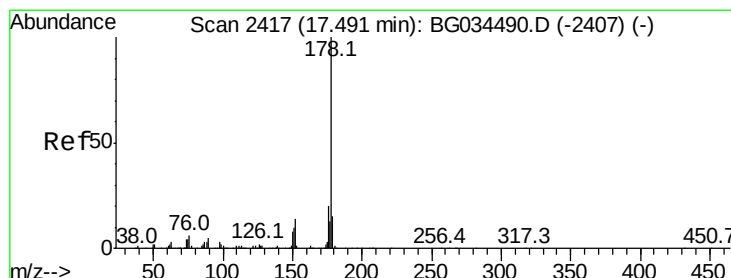
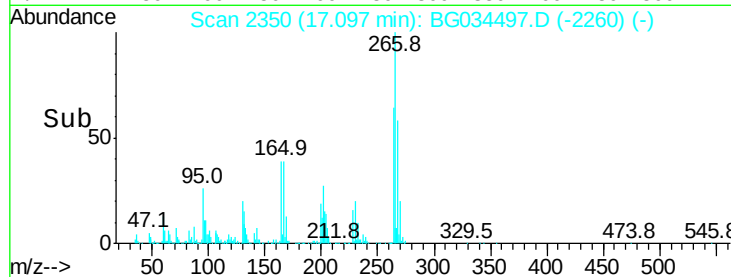
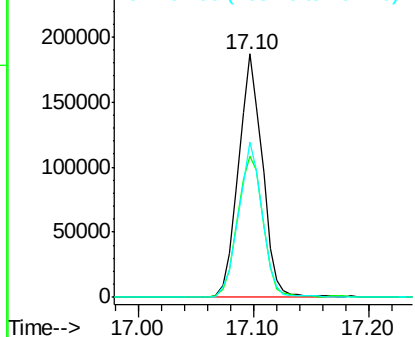
#69
 Pentachlorophenol
 Concen: 86.218 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.2	51.1	76.7
264	63.8	49.6	74.4

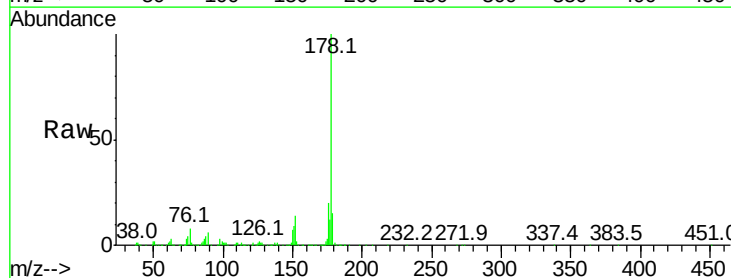


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

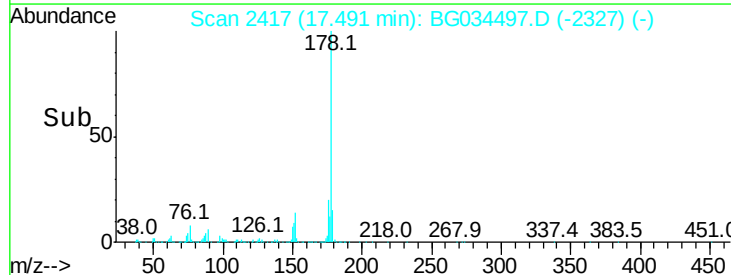
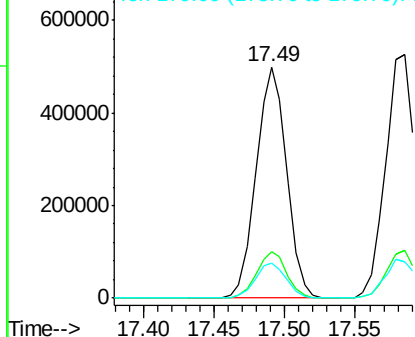


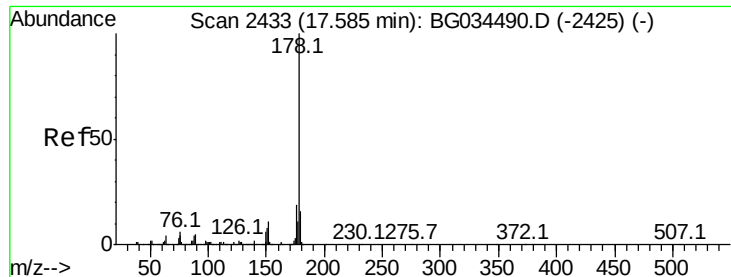
#70
 Phenanthrene
 Concen: 39.063 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.2	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: 39.816 ng

RT: 17.58 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

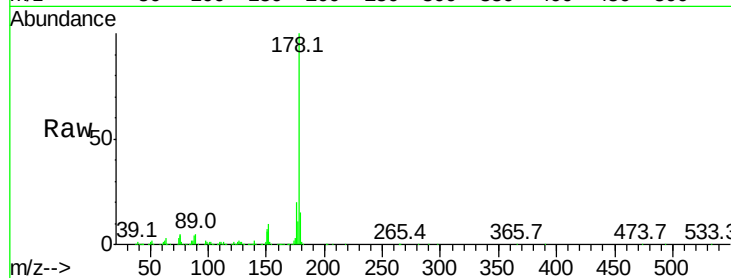
Tot Ion:178 Resp: 781469

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

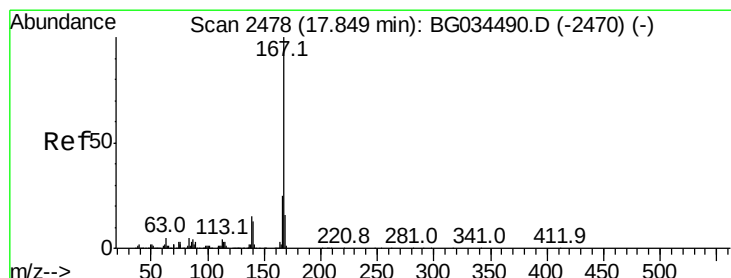
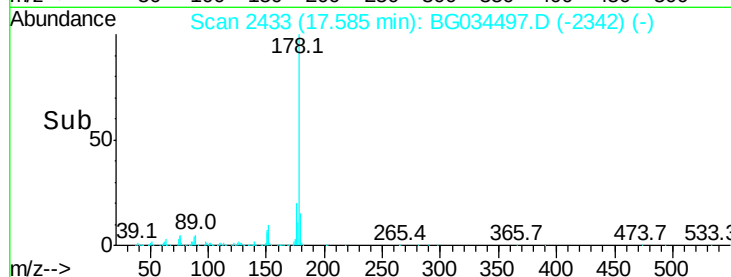
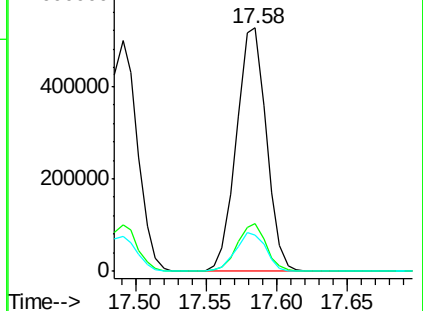
179 14.7 12.5 18.7



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



#72

Carbazole

Concen: 40.969 ng

RT: 17.85 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

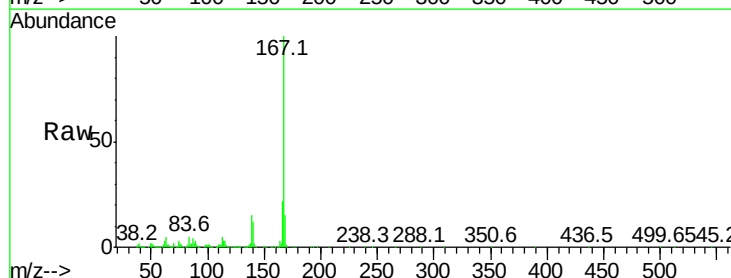
Tgt Ion:167 Resp: 665451

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.4

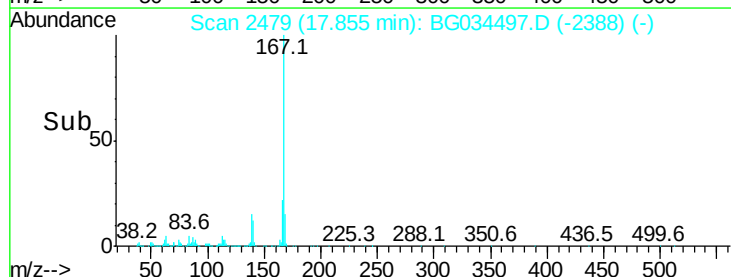
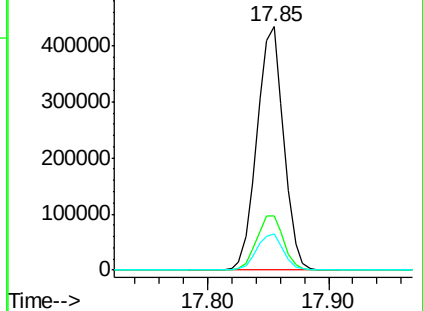
139 14.6 9.4 14.2#

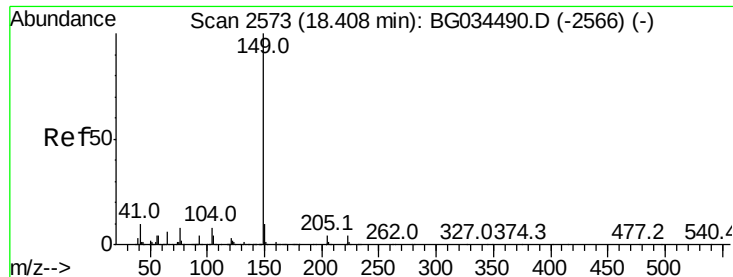


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.816 ng

RT: 18.41 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG034497.D

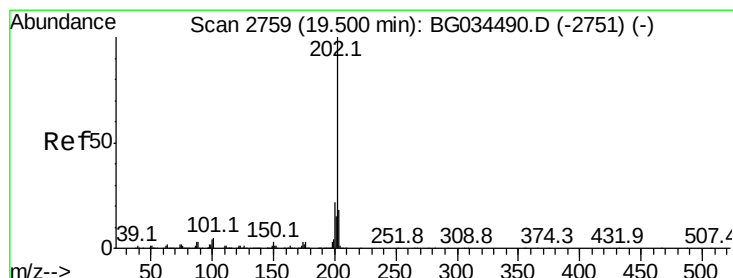
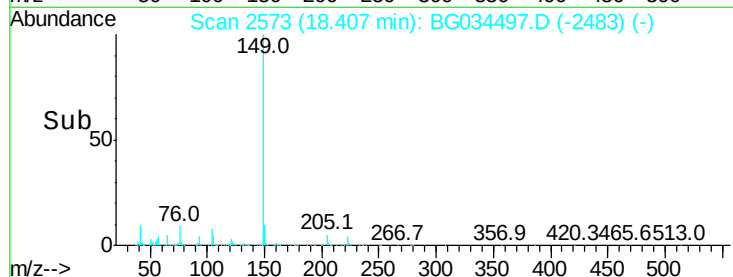
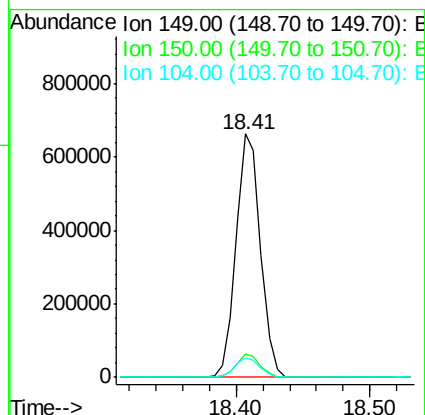
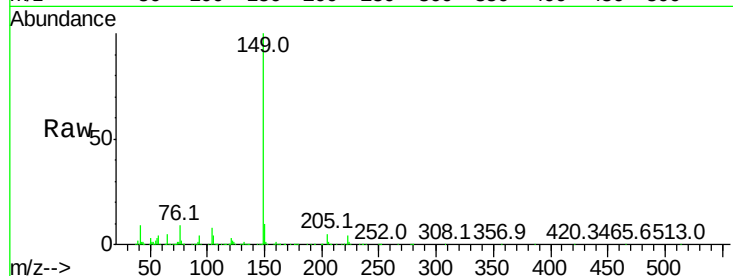
Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	840928
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	8.2	3.9	5.9#



#74

Fluoranthene

Concen: 40.962 ng

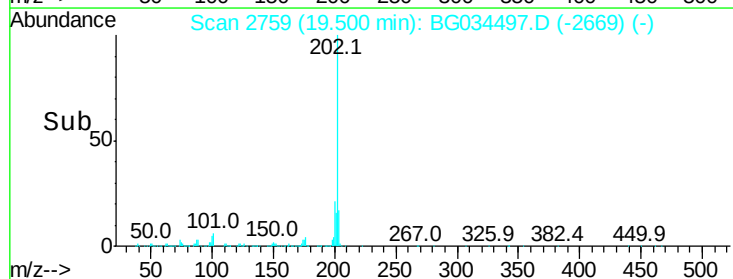
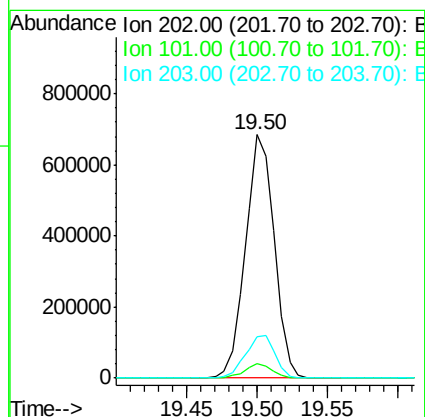
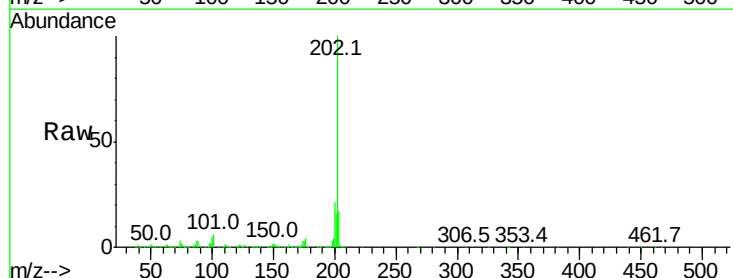
RT: 19.50 min Scan# 2759

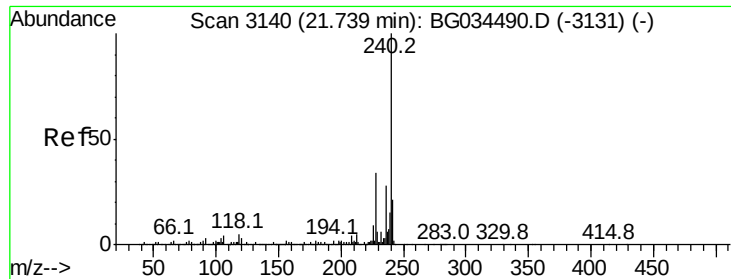
Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:	202	Resp:	975100
Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	28.9
203	17.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

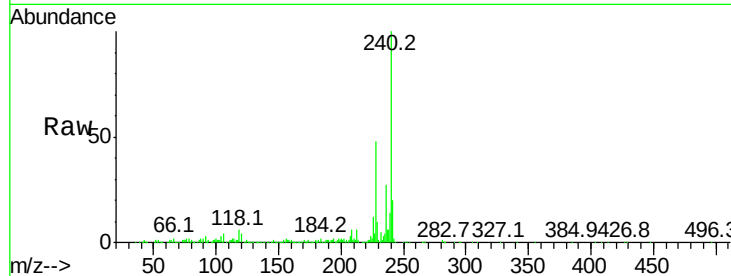
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 379011

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	27.2	20.9	31.3



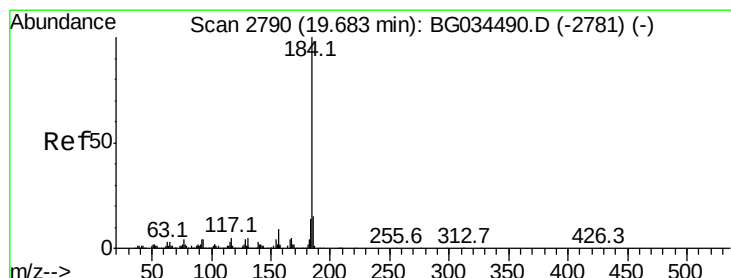
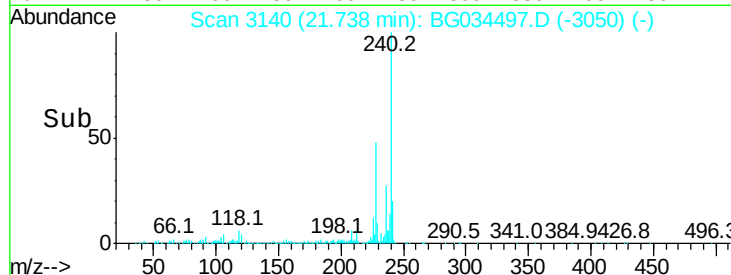
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.74

Time-->



#76

Benzidine

Concen: 34.787 ng

RT: 19.68 min Scan# 2790

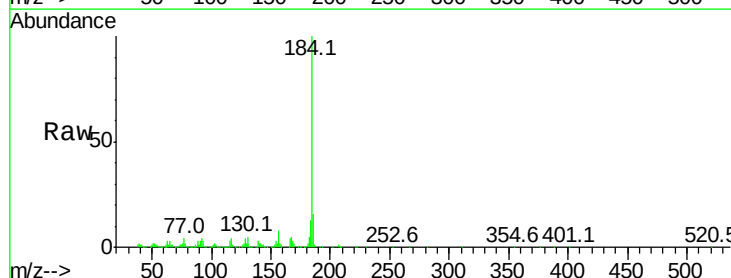
Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Tgt Ion:184 Resp: 352374

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	13.5	10.6	16.0



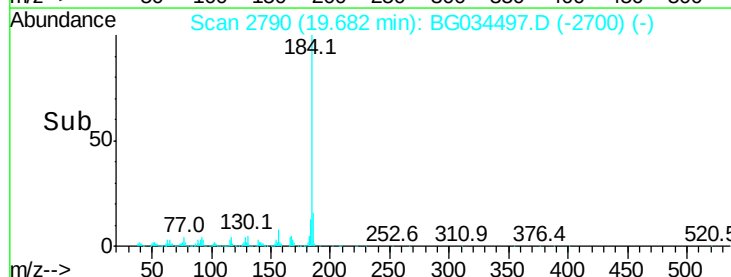
Abundance Ion 184.00 (183.70 to 184.70): E

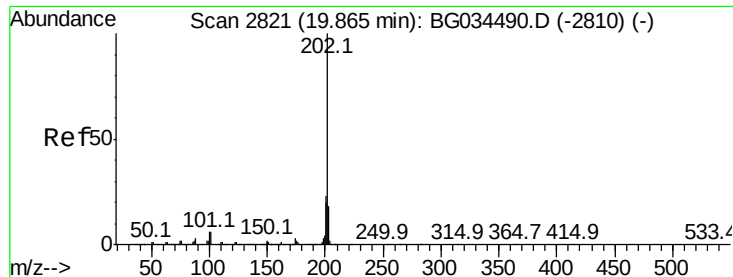
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.68

Time-->





#77

Pvrene

Concen: 41.224 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampled :

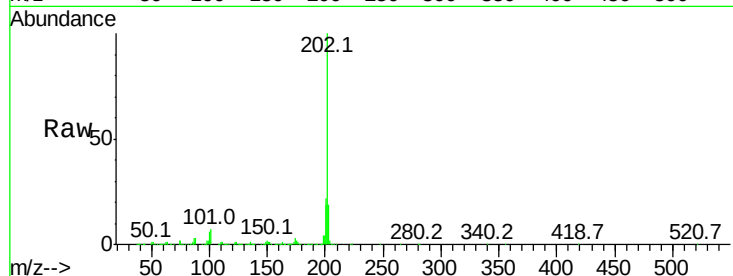
Tot Ion:202 Resp: 978018

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

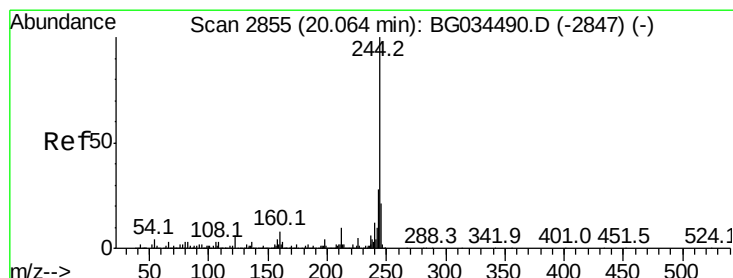
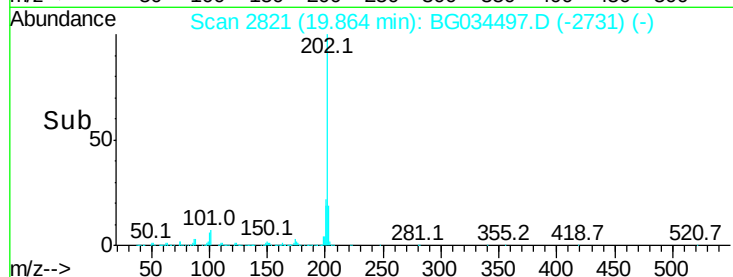
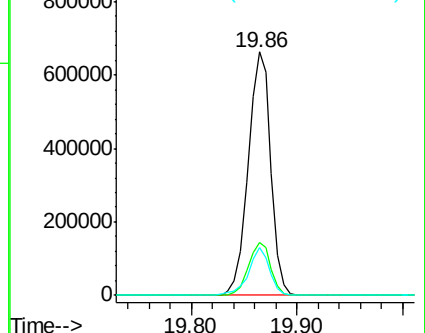
203 19.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.837 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

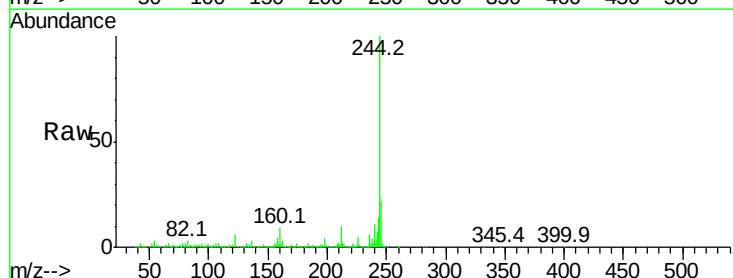
Tgt Ion:244 Resp: 1639074

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

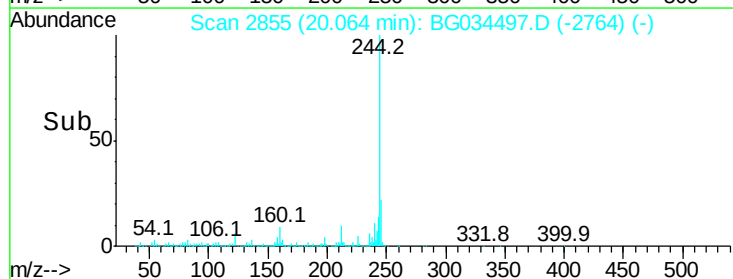
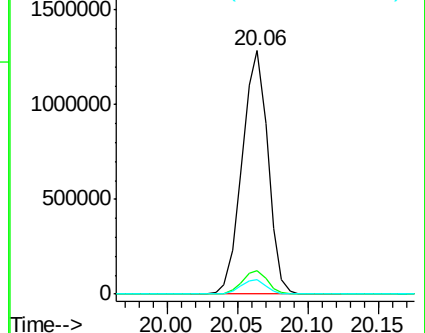
122 6.2 7.0 10.4#

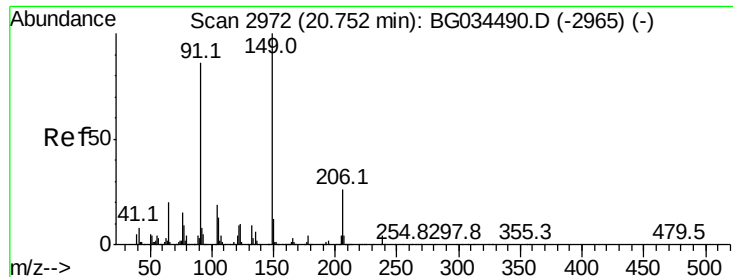


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

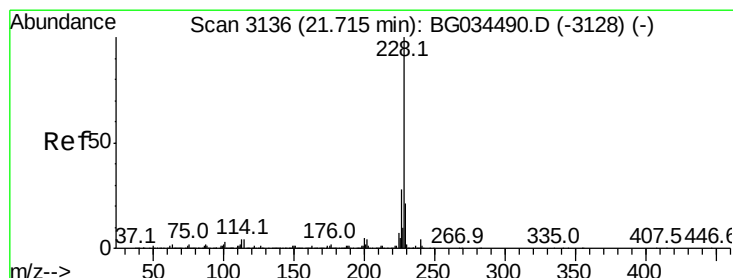
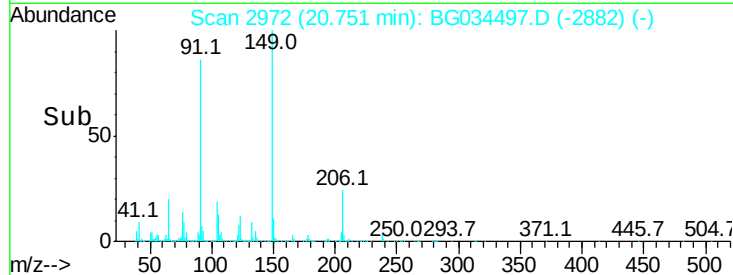
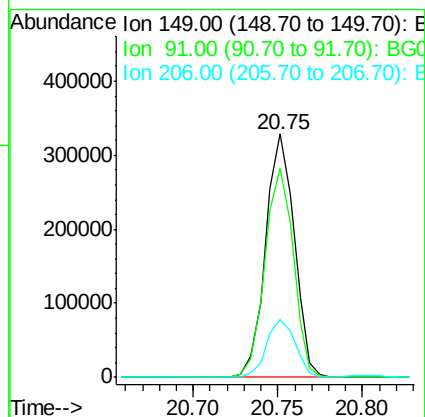
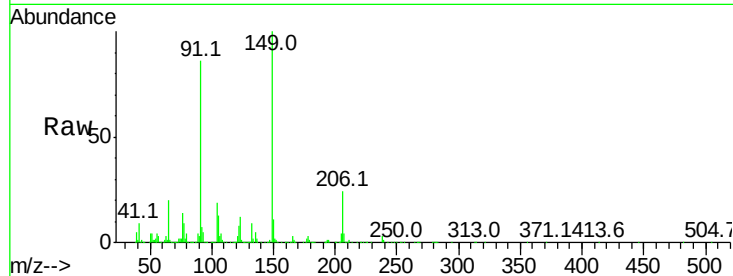




#79
Butylbenzylphthalate
Concen: 42.348 ng
RT: 20.75 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

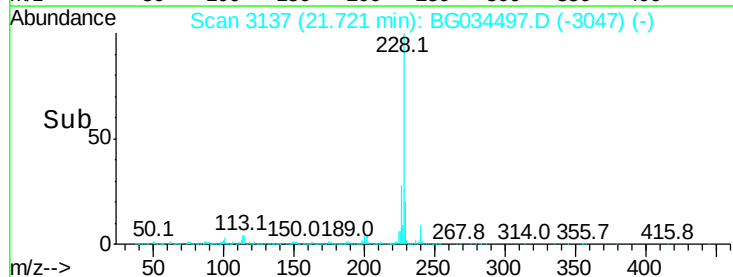
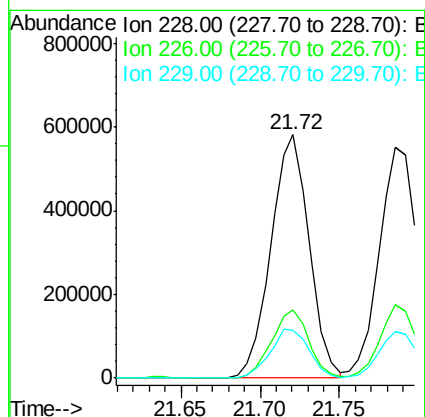
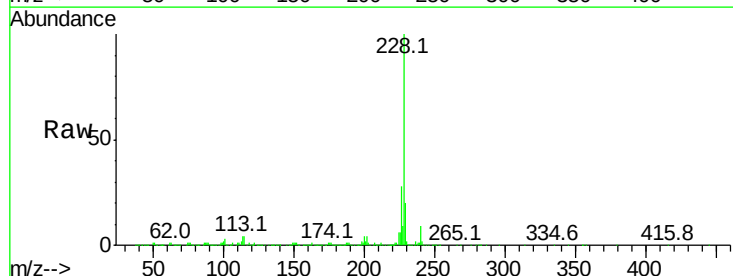
Instrument :
BNA_G
ClientSampleId :

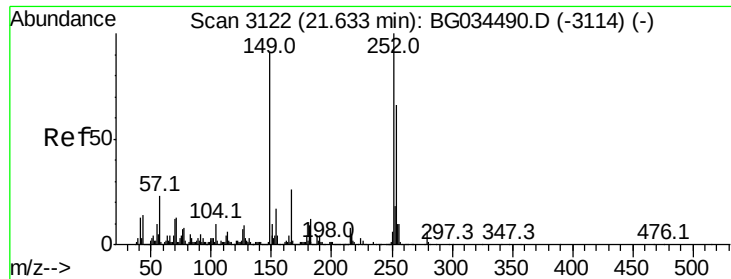
Tot Ion:149 Resp: 387373
Ion Ratio Lower Upper
149 100
91 86.0 62.2 93.2
206 24.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.471 ng
RT: 21.72 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG034497.D
Acq: 16 May 2018 20:38

Tgt Ion:228 Resp: 972080
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 19.8 16.2 24.2

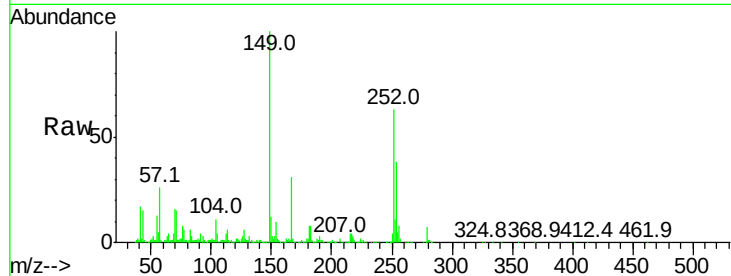




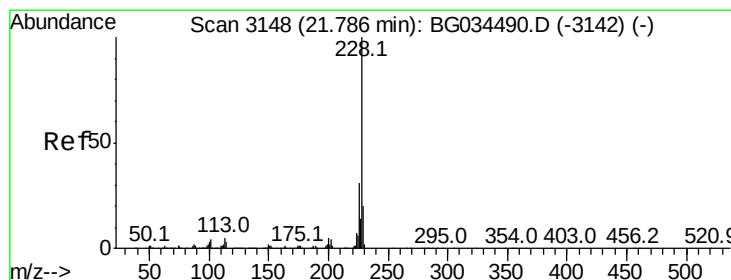
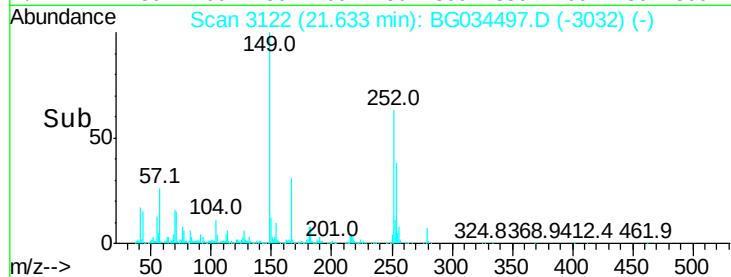
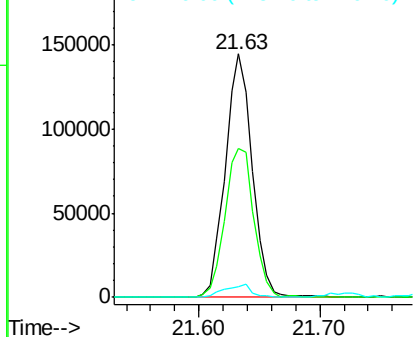
#81
 3,3'-Dichlorobenzidine
 Concen: 23.311 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.1	50.8	76.2
126	4.4	7.4	11.2#

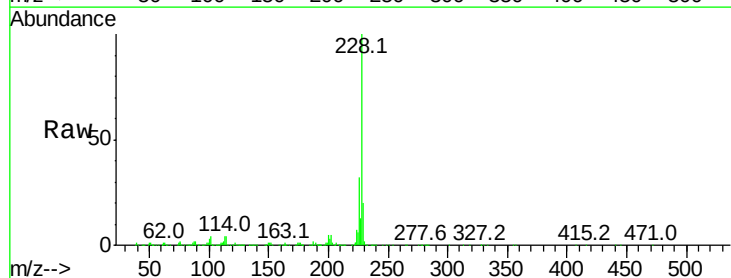


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

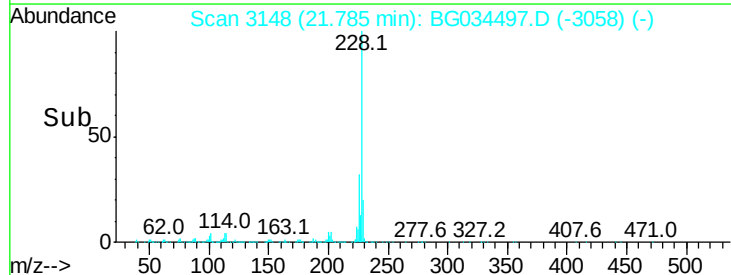
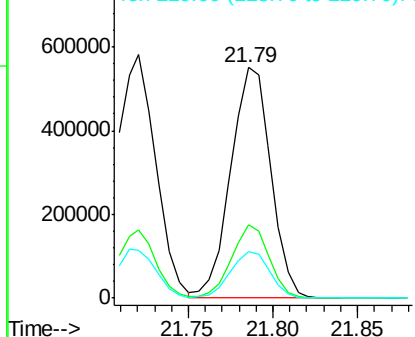


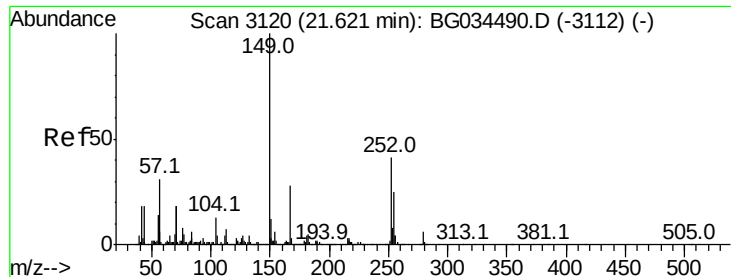
#82
 Chrysene
 Concen: 40.141 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.1	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

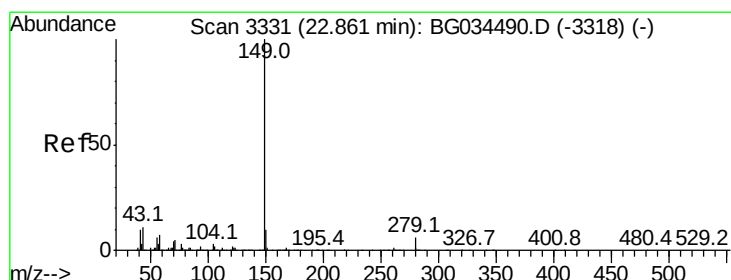
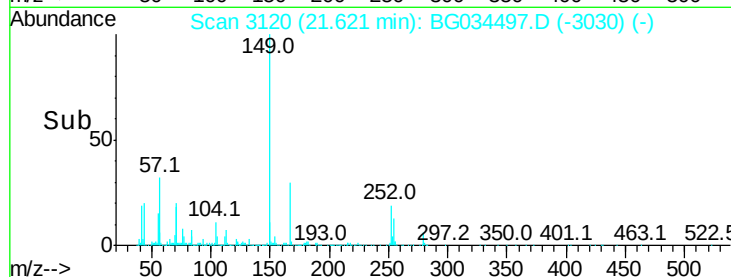
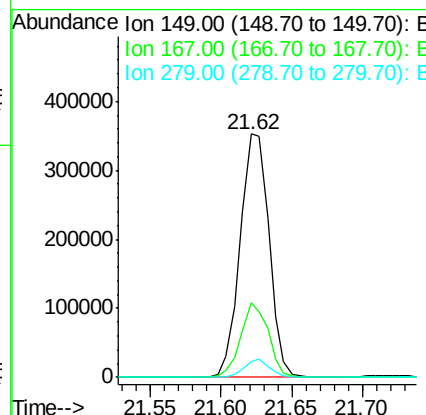
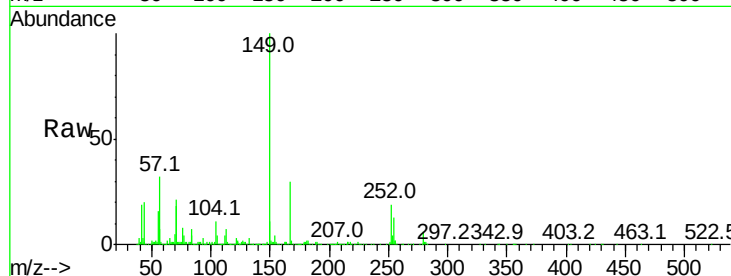




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.589 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

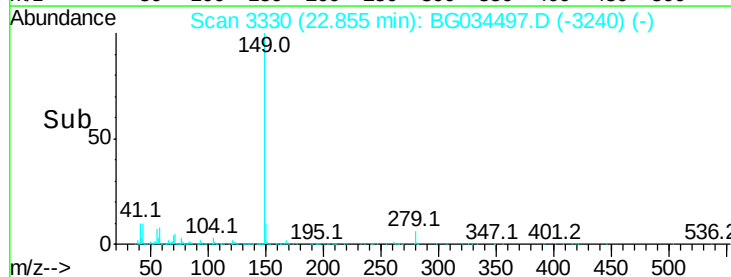
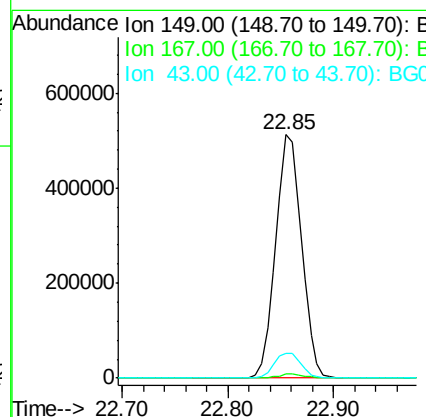
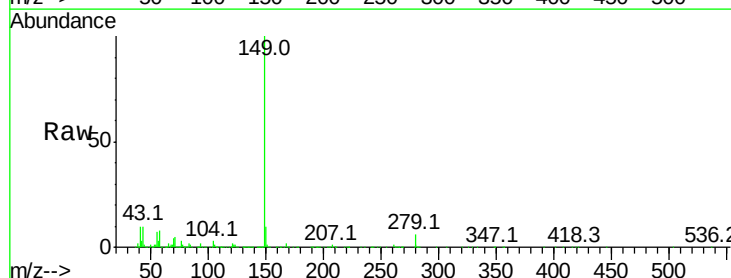
Instrument :
 BNA_G
 ClientSampleId :

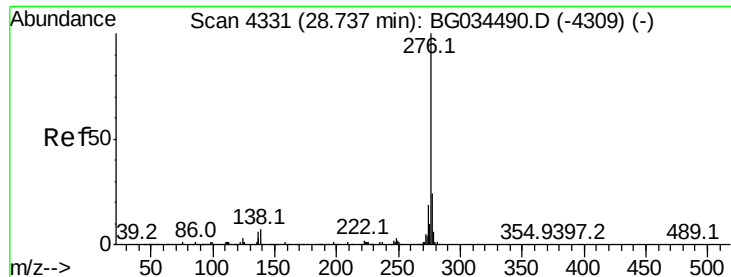
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	6.4	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 41.654 ng
 RT: 22.85 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.7	8.9	13.3

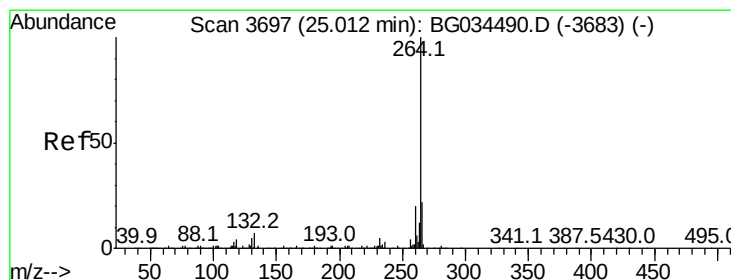
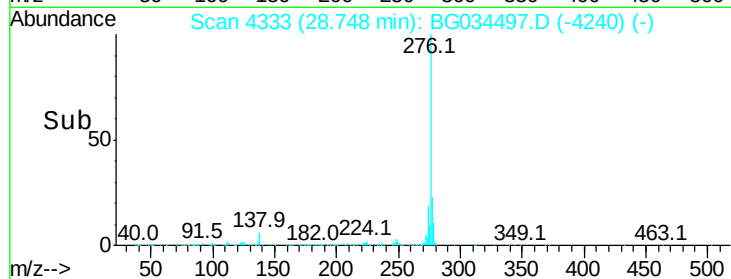
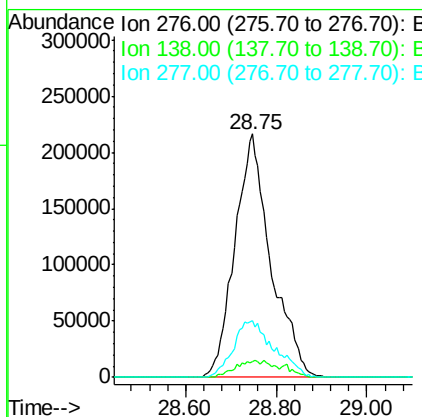
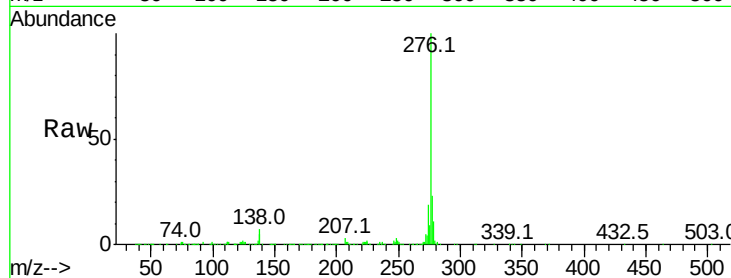




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.280 ng
 RT: 28.75 min Scan# 4333
 Delta R.T. 0.02 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

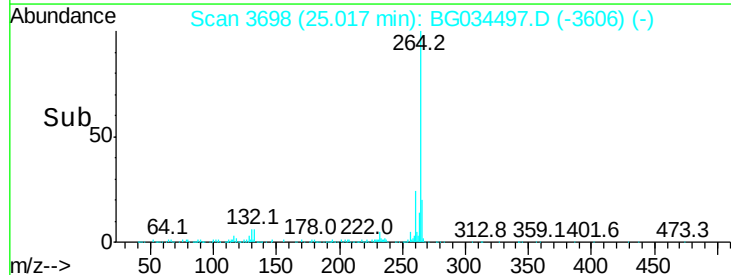
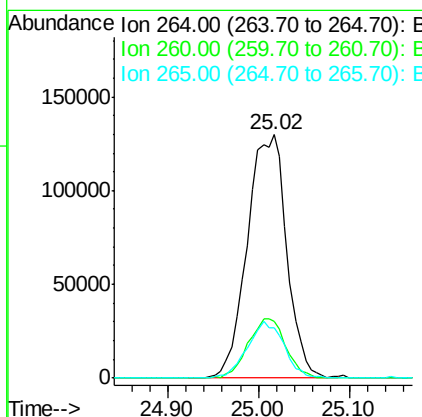
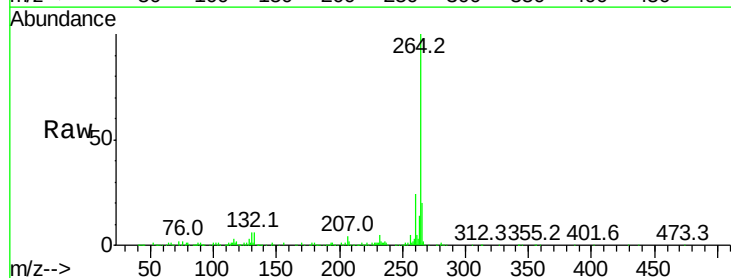
Instrument :
 BNA_G
 ClientSampled :

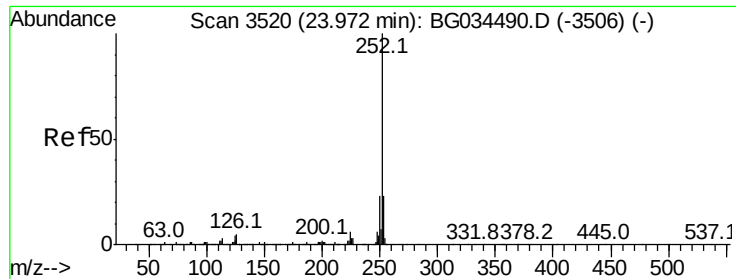
Tot Ion:276 Resp: 1192995
 Ion Ratio Lower Upper
 276 100
 138 4.8 16.0 24.0#
 277 26.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: BG034497.D
 Acq: 16 May 2018 20:38

Tgt Ion:264 Resp: 390484
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 20.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.970 ng

RT: 23.98 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

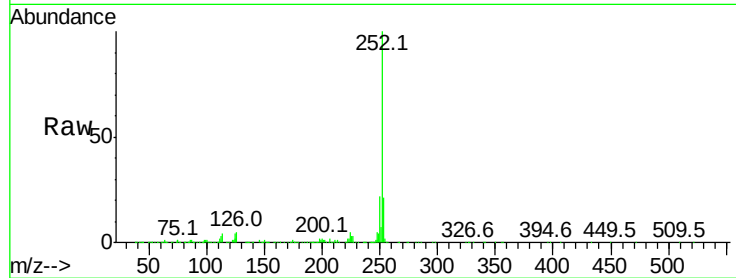
Tot Ion:252 Resp: 1037036

Ion Ratio Lower Upper

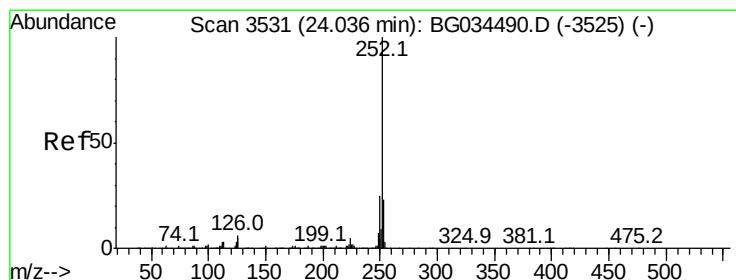
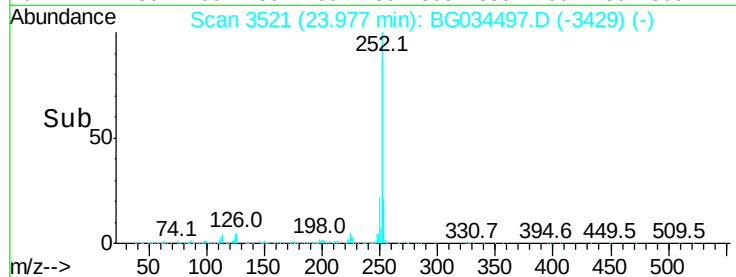
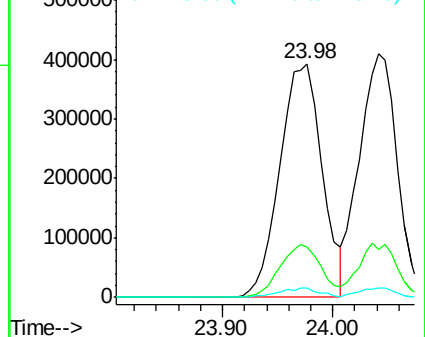
252 100

253 21.4 18.2 27.4

125 4.0 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: 41.613 ng

RT: 24.04 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

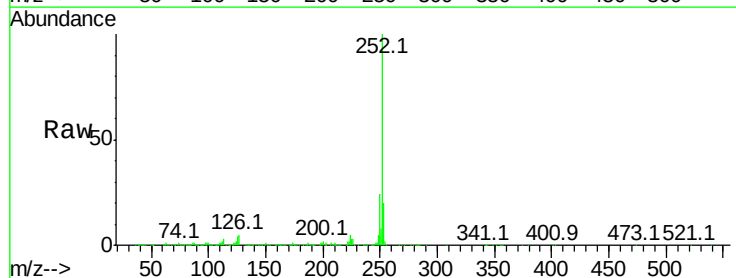
Tgt Ion:252 Resp: 976746

Ion Ratio Lower Upper

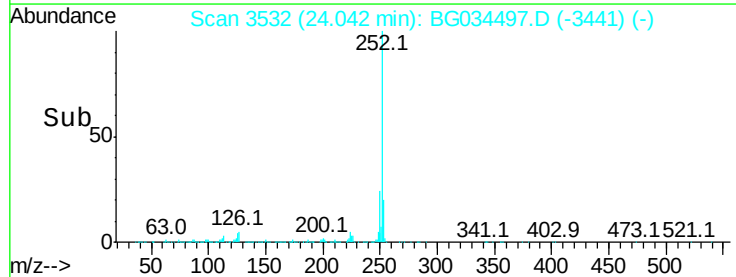
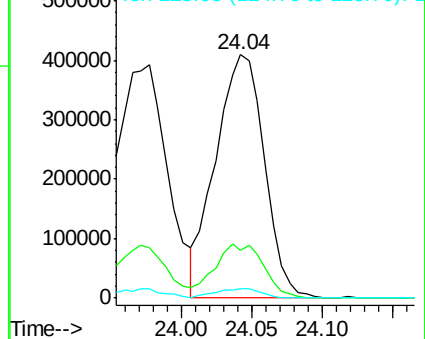
252 100

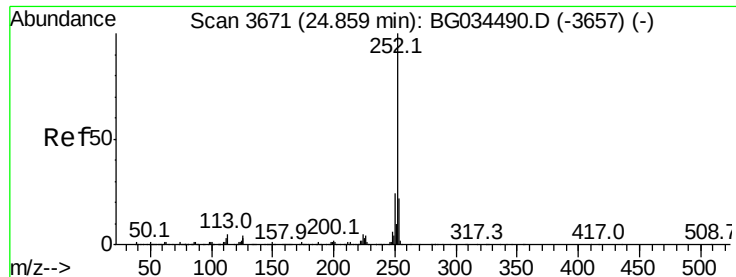
253 19.6 17.4 26.2

125 3.9 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: 41.465 ng

RT: 24.86 min Scan# 3671

Delta R.T. 0.01 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

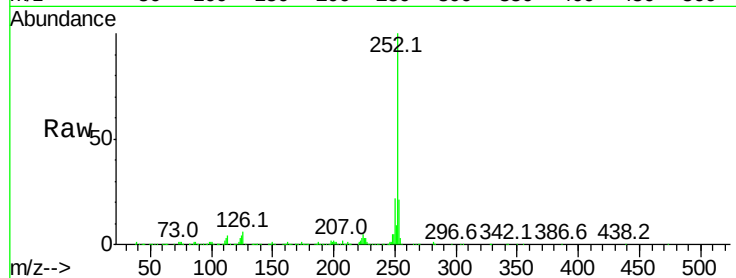
Tot Ion:252 Resp: 972467

Ion Ratio Lower Upper

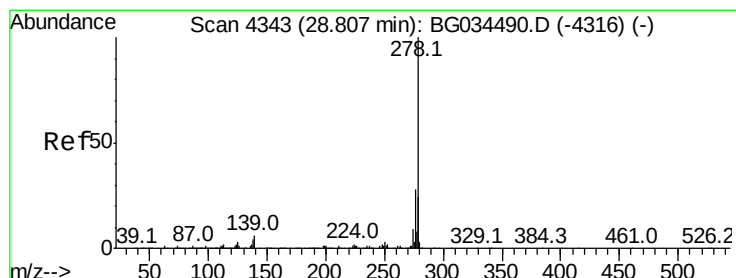
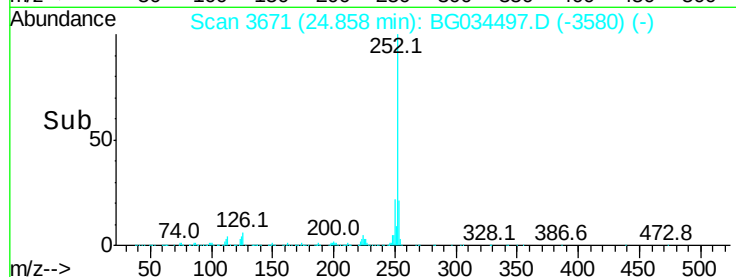
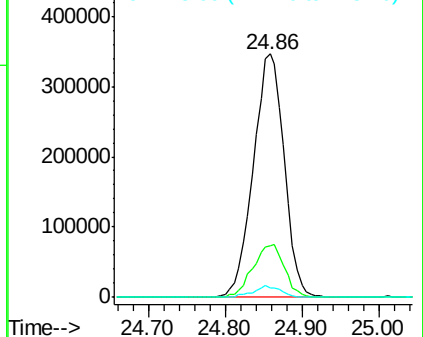
252 100

253 21.3 18.3 27.5

125 4.1 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.524 ng

RT: 28.81 min Scan# 4344

Delta R.T. 0.02 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

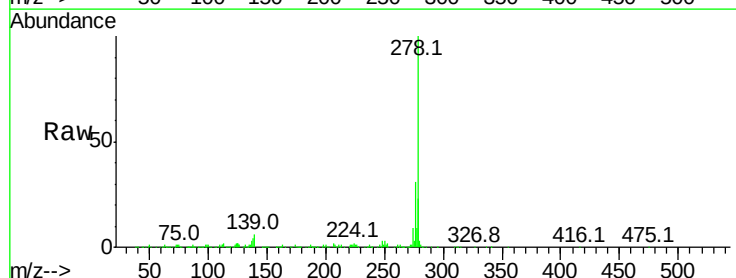
Tgt Ion:278 Resp: 988977

Ion Ratio Lower Upper

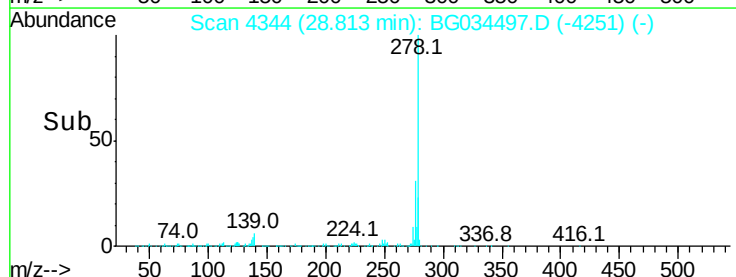
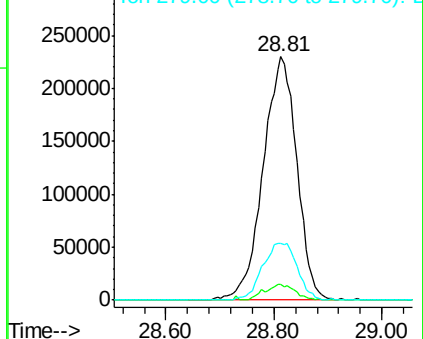
278 100

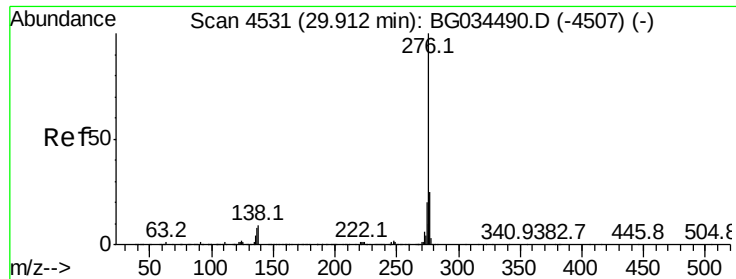
139 6.5 9.8 14.6#

279 23.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.198 ng

RT: 29.92 min Scan# 4533

Delta R.T. 0.03 min

Lab File: BG034497.D

Acq: 16 May 2018 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 986541

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 7.5 13.9 20.9#

