

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034973.D
 Acq On : 8 Jun 2018 5:14
 Operator : SJ/JU
 Sample : PB110005BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

Quant Time: Jun 08 07:54:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49108	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	193554	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	143559	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	366773	20.00	ng	0.00
75) Chrysene-d12	21.72	240	372299	20.00	ng	-0.01
86) Perylene-d12	24.96	264	373269	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	283744	97.51	ng	0.00
7) Phenol-d6	7.23	99	435734	101.45	ng	0.00
23) Nitrobenzene-d5	9.24	82	400076	98.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	182031	99.05	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	940332	85.15	ng	0.00
78) Terphenyl-d14	20.05	244	1572864	88.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	42593	30.68	ng	# 79
3) Pyridine	3.95	79	127888	34.14	ng	# 77
4) n-Nitrosodimethylamine	3.87	42	60765	37.76	ng	# 83
6) Aniline	7.40	93	129972	23.41	ng	99
8) 2-Chlorophenol	7.64	128	140977	46.22	ng	95
9) Benzaldehyde	7.21	77	76943	23.26	ng	96
10) Phenol	7.26	94	219250	49.33	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	138489	40.14	ng	91
12) 1,3-Dichlorobenzene	7.97	146	144968	39.83	ng	93
13) 1,4-Dichlorobenzene	8.11	146	149433	39.78	ng	97
14) 1,2-Dichlorobenzene	8.43	146	139997	39.67	ng	94
15) Benzyl Alcohol	8.31	79	181812	44.68	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.60	45	166120	48.38	ng	77
17) 2-Methylphenol	8.51	107	146303	49.93	ng	# 92
18) Hexachloroethane	9.16	117	56768	42.21	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	143078	39.21	ng	# 86
20) 3+4-Methylphenols	8.84	107	207884	49.49	ng	93
22) Acetophenone	8.90	105	250359	41.76	ng	# 90
24) Nitrobenzene	9.28	77	202613	48.59	ng	# 91
25) Isophorone	9.81	82	406598	47.30	ng	99
26) 2-Nitrophenol	9.99	139	78690	54.75	ng	# 92
27) 2,4-Dimethylphenol	10.05	122	160830	53.24	ng	90
28) bis(2-Chloroethoxy)methane	10.29	93	209581	45.37	ng	99
29) 2,4-Dichlorophenol	10.53	162	175682	53.45	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	171772	43.58	ng	96
31) Naphthalene	10.94	128	436047	43.37	ng	97
32) Benzoic acid	10.19	122	109321	54.03	ng	94
33) 4-Chloroaniline	11.04	127	35835	8.21	ng	# 85
34) Hexachlorobutadiene	11.22	225	128221	41.83	ng	99
35) Caprolactam	11.82	113	33401	27.49	ng	# 62
36) 4-Chloro-3-methylphenol	12.15	107	214041	52.24	ng	91
37) 2-Methylnaphthalene	12.53	142	347117	45.53	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	231768	43.34	ng	99
40) Hexachlorocyclopentadiene	12.88	237	342712	102.20	ng	95

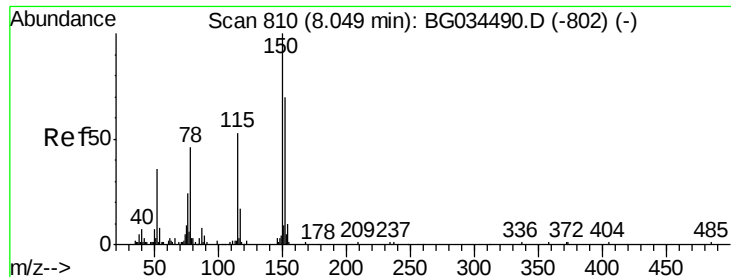
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	162397	50.72	nq	96
43) 2,4,5-Trichlorophenol	13.20	196	172863	49.19	nq	98
45) 1,1'-Biphenyl	13.54	154	483930	41.92	nq	98
46) 2-Chloronaphthalene	13.58	162	376424	43.13	nq	99
47) 2-Nitroaniline	13.77	65	133015	51.61	nq	96
48) Acenaphthylene	14.43	152	641849	43.86	nq	98
49) Dimethylphthalate	14.16	163	542170	43.31	nq	99
50) 2,6-Dinitrotoluene	14.27	165	119146	52.17	nq	93
51) Acenaphthene	14.77	154	428016	44.76	nq	98
52) 3-Nitroaniline	14.60	138	38324	17.10	nq	# 89
53) 2,4-Dinitrophenol	14.80	184	85514	92.52	nq	# 67
54) Dibenzofuran	15.10	168	613271	42.82	nq	92
55) 4-Nitrophenol	14.90	139	192652	101.86	nq	# 87
56) 2,4-Dinitrotoluene	15.05	165	167981	55.37	nq	94
57) Fluorene	15.75	166	512517	42.82	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	178941	52.41	nq	95
59) Diethylphthalate	15.52	149	540525	42.32	nq	98
60) 4-Chlorophenyl-phenylether	15.74	204	294055	43.09	nq	97
61) 4-Nitroaniline	15.76	138	115238	47.95	nq	# 84
62) Azobenzene	16.04	77	555197	44.36	nq	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	75659	45.18	nq	88
65) n-Nitrosodiphenylamine	15.95	169	460285	41.79	nq	97
66) 4-Bromophenyl-phenylether	16.64	248	199502	45.17	nq	96
67) Hexachlorobenzene	16.75	284	199587	44.40	nq	98
68) Atrazine	16.91	200	211870	45.11	nq	95
69) Pentachlorophenol	17.09	266	245209	81.12	nq	98
70) Phenanthrene	17.49	178	827442	44.41	nq	98
71) Anthracene	17.58	178	844822	45.27	nq	98
72) Carbazole	17.85	167	779244	45.00	nq	99
73) Di-n-butylphthalate	18.41	149	887067	42.98	nq	# 98
74) Fluoranthene	19.49	202	1071121	44.18	nq	96
76) Benzidine	19.67	184	315537	22.78	nq	98
77) Pyrene	19.85	202	1072099	43.68	nq	97
79) Butylbenzylphthalate	20.75	149	407272	45.70	nq	95
80) Benzo(a)anthracene	21.70	228	1071757	45.05	nq	99
81) 3,3'-Dichlorobenzidine	21.61	252	175131	19.57	nq	# 99
82) Chrysene	21.77	228	989381	45.42	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	565694	44.92	nq	99
84) Di-n-octyl phthalate	22.86	149	982064	45.46	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.67	276	1206403	47.29	nq	# 86
87) Benzo(b)fluoranthene	23.94	252	1071620	46.62	nq	# 97
88) Benzo(k)fluoranthene	24.01	252	987430	43.91	nq	# 96
89) Benzo(a)pyrene	24.81	252	1027726	47.51	nq	# 97
90) Dibenzo(a,h)anthracene	28.74	278	973817	45.61	nq	# 96
91) Benzo(g,h,i)perylene	29.82	276	995554	47.64	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

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PB110005BSD

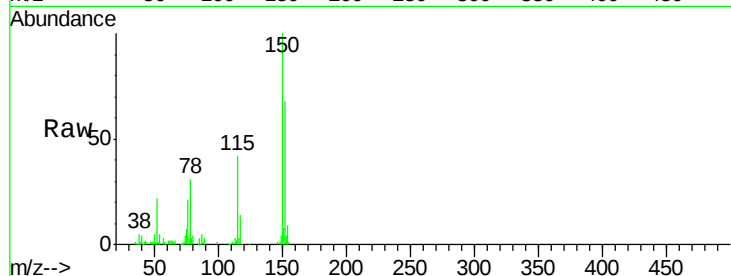
Tot Ion:152 Resp: 49108

Ion Ratio Lower Upper

152 100

150 146.2 126.6 189.8

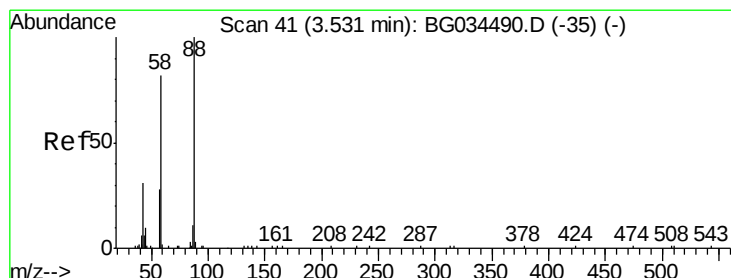
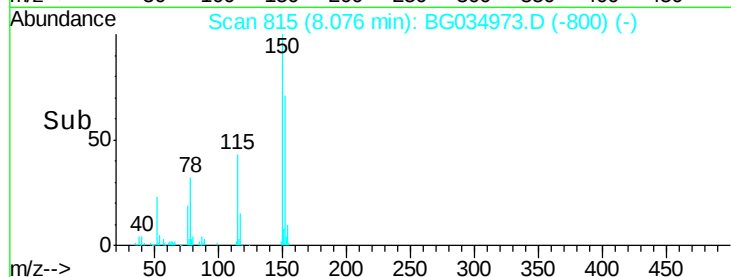
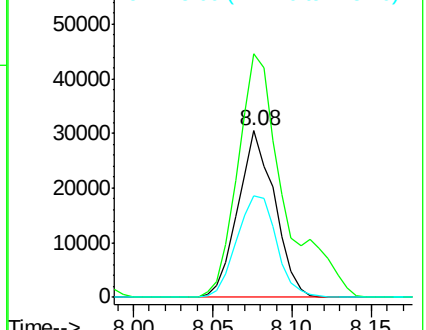
115 60.7 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.68 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

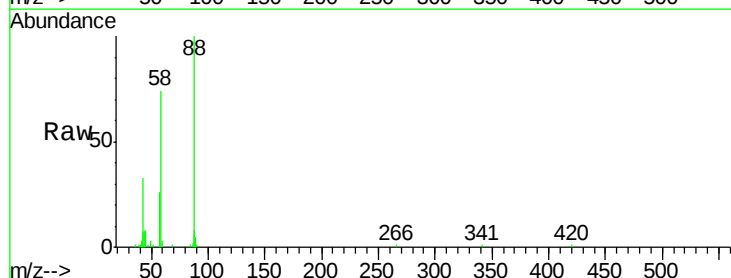
Tgt Ion: 88 Resp: 42593

Ion Ratio Lower Upper

88 100

58 71.7 79.6 119.4#

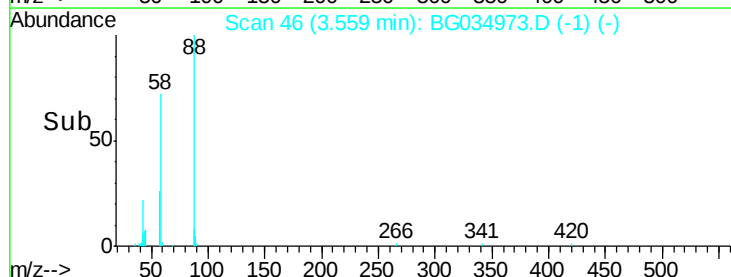
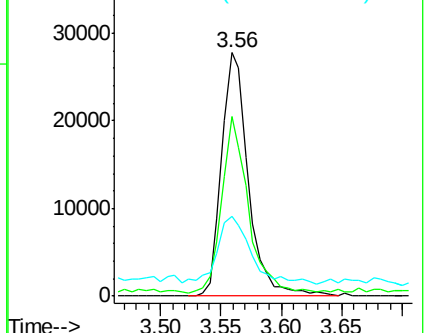
43 34.6 27.4 41.0

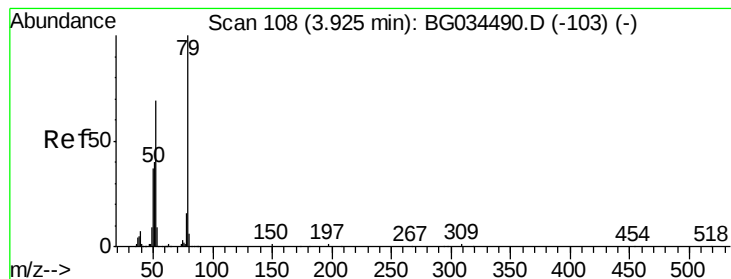


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.14 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

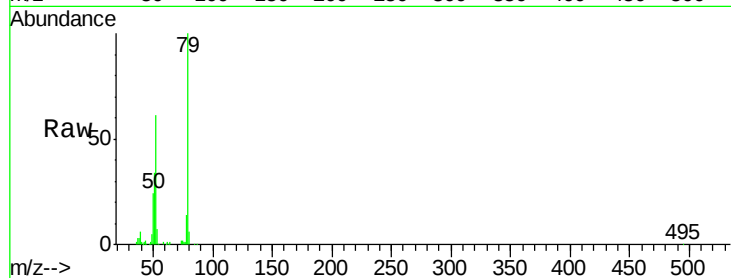
Tot Ion: 79 Resp: 127888

Ion Ratio Lower Upper

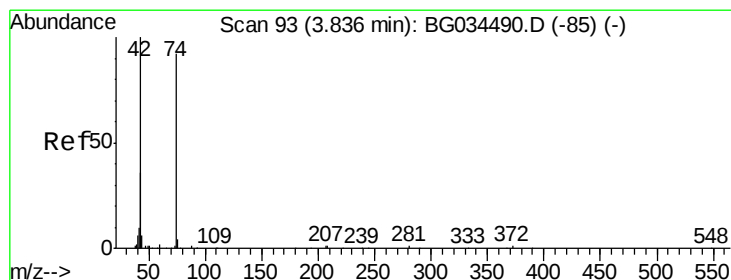
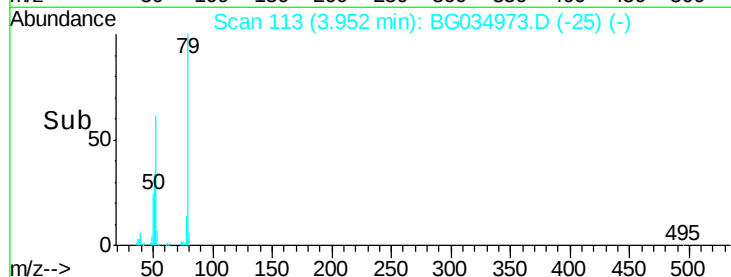
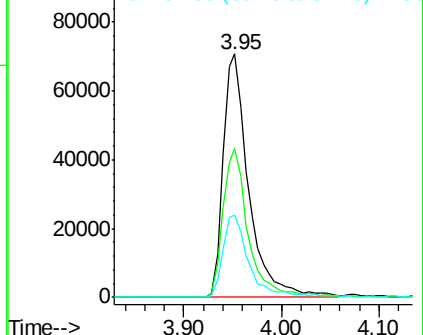
79 100

52 61.4 69.9 104.9#

51 33.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.76 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

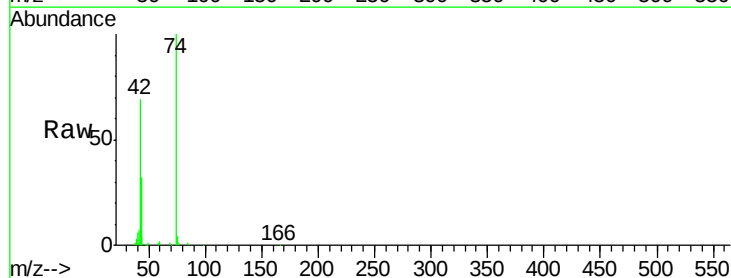
Tgt Ion: 42 Resp: 60765

Ion Ratio Lower Upper

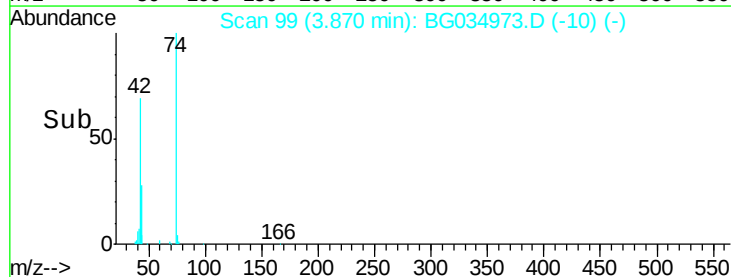
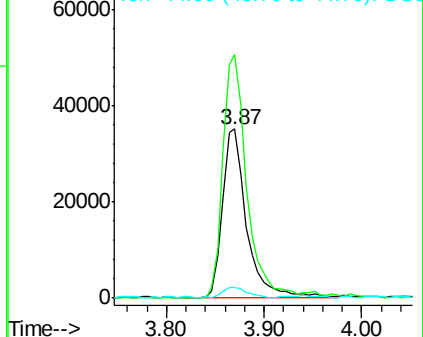
42 100

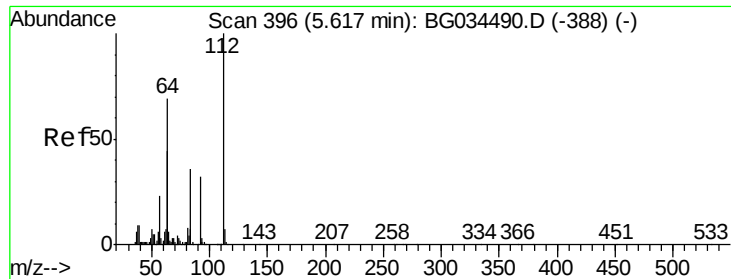
74 144.0 102.5 153.7

44 6.3 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 97.51 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

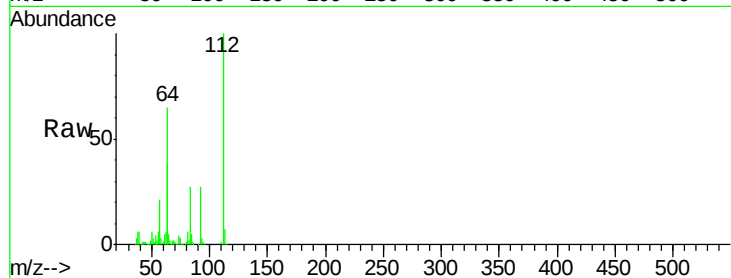
Tot Ion:112 Resp: 283744

Ion Ratio Lower Upper

112 100

64 64.7 56.3 84.5

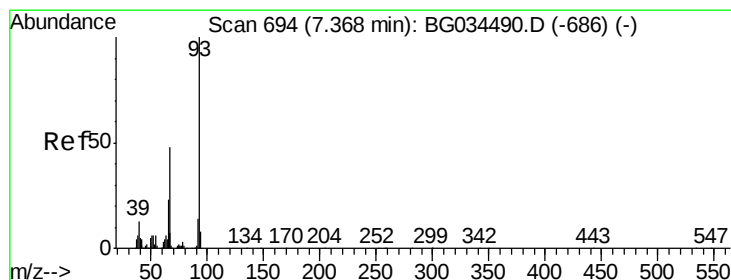
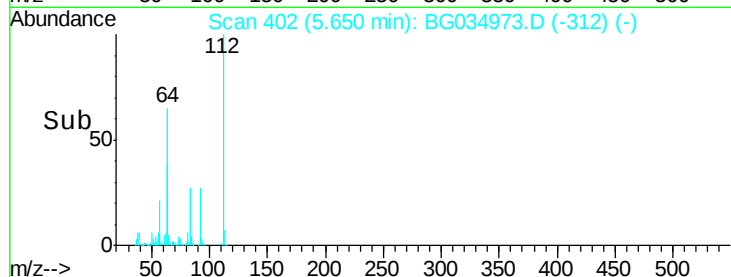
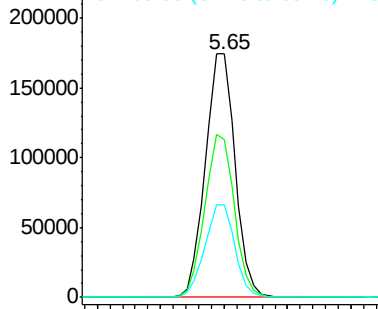
63 38.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.41 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

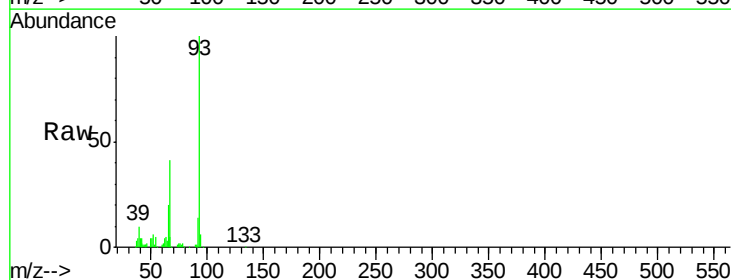
Tgt Ion: 93 Resp: 129972

Ion Ratio Lower Upper

93 100

66 41.3 33.7 50.5

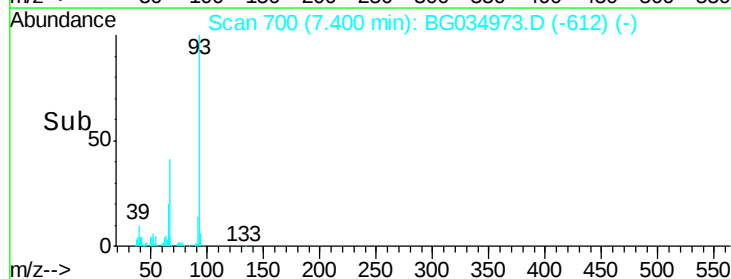
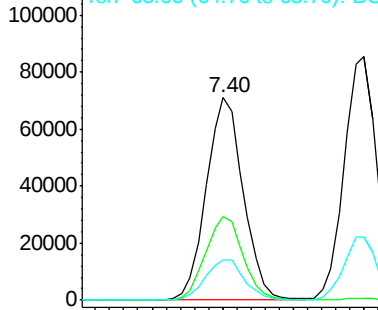
65 19.9 16.1 24.1

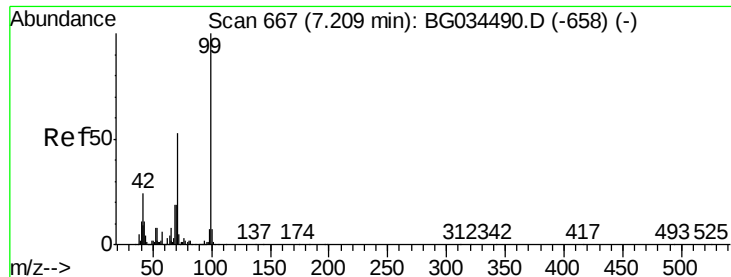


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.45 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

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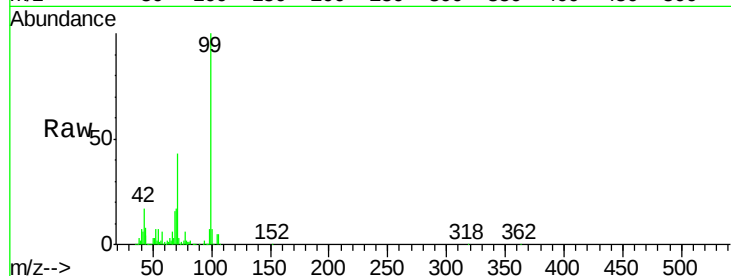
Tot Ion: 99 Resp: 435734

Ion Ratio Lower Upper

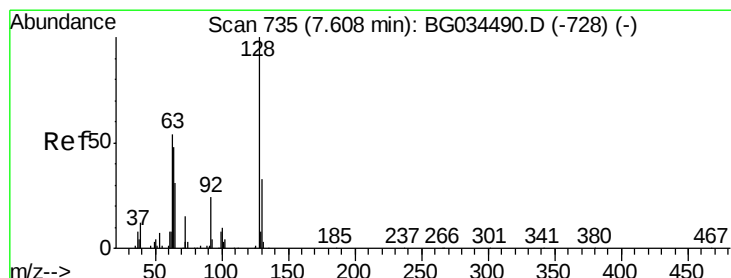
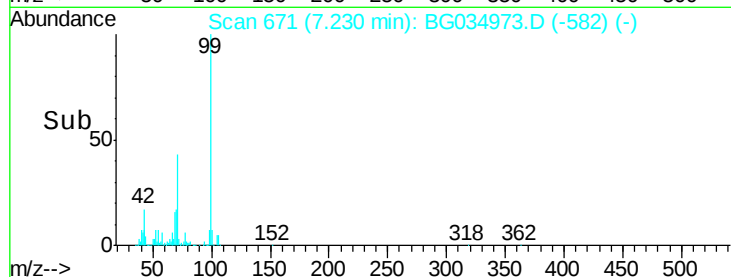
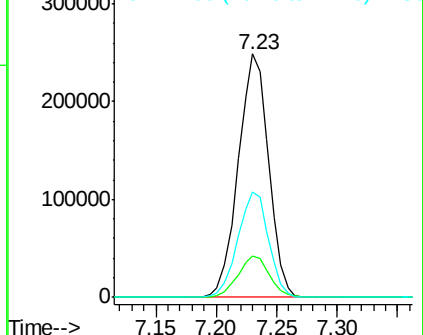
99 100

42 16.8 14.1 21.1

71 43.2 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: 46.22 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

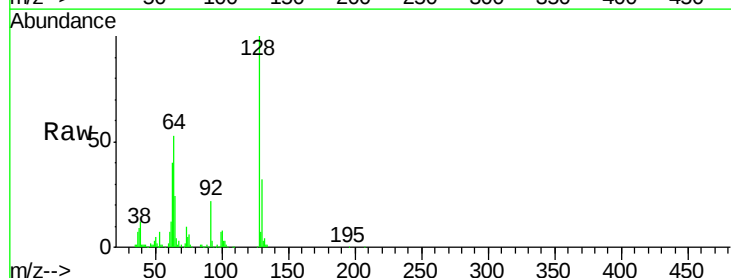
Tgt Ion: 128 Resp: 140977

Ion Ratio Lower Upper

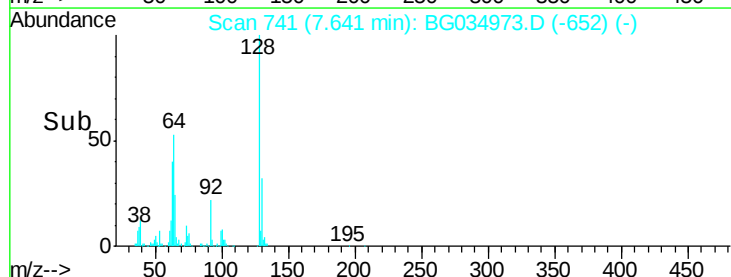
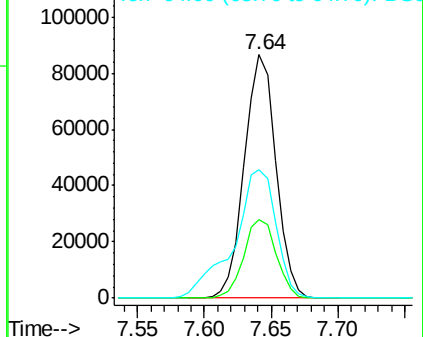
128 100

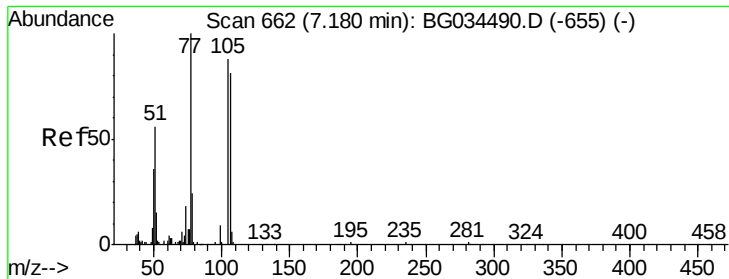
130 32.4 14.0 54.0

64 52.7 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: 23.26 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

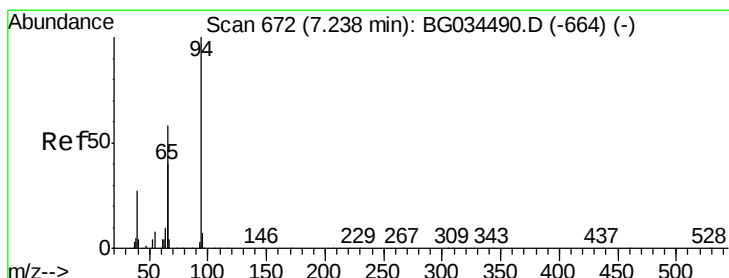
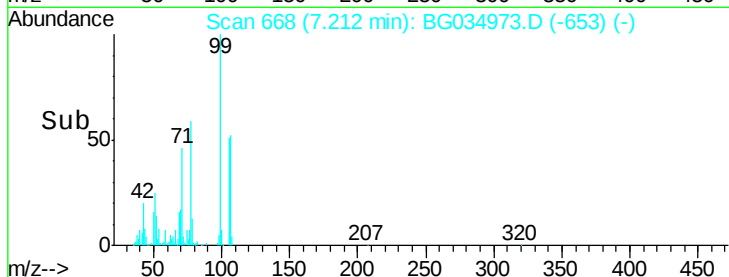
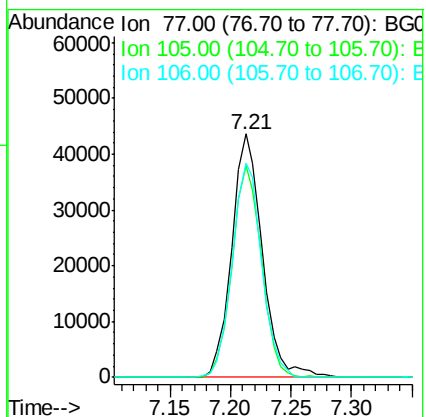
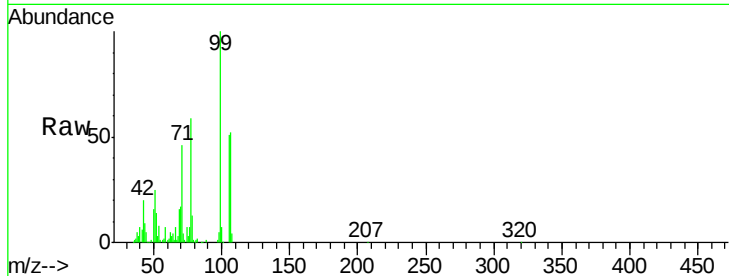
Tot Ion: 77 Resp: 76943

Ion Ratio Lower Upper

77 100

105 87.0 71.3 111.3

106 87.8 64.2 104.2



#10

Phenol

Concen: 49.33 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

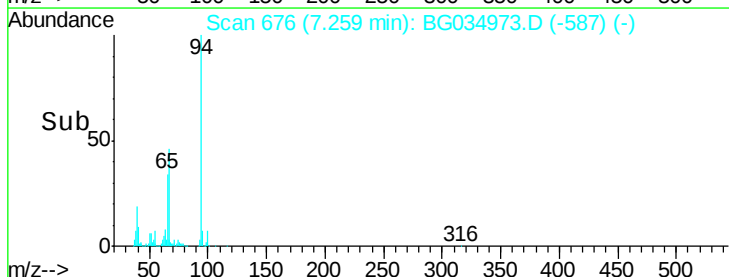
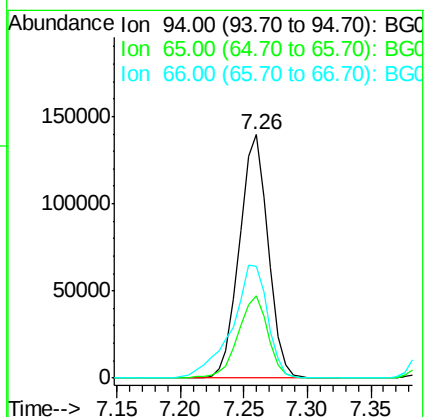
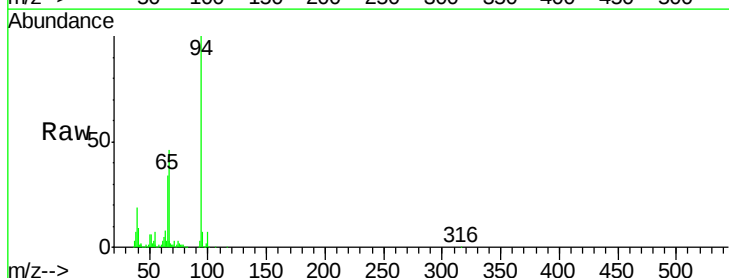
Tgt Ion: 94 Resp: 219250

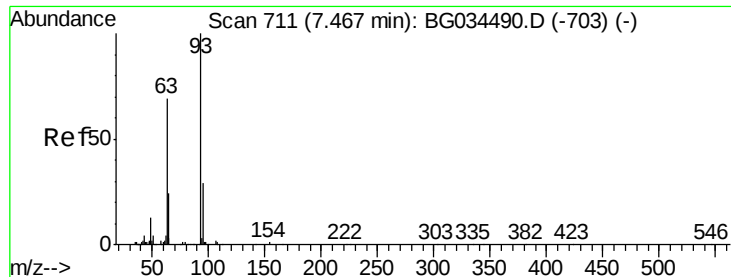
Ion Ratio Lower Upper

94 100

65 33.7 11.9 51.9

66 46.0 22.2 62.2

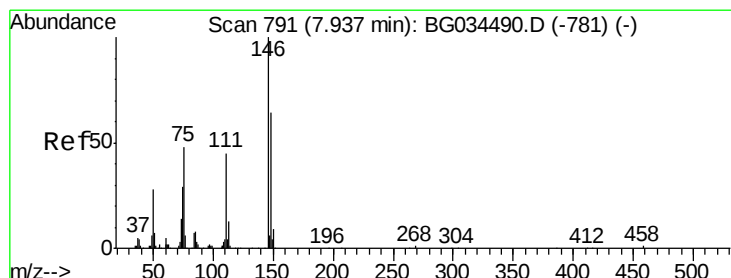
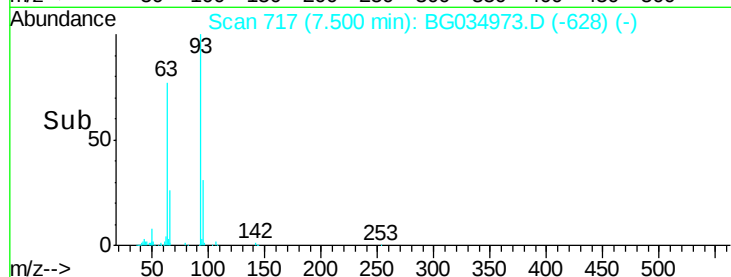
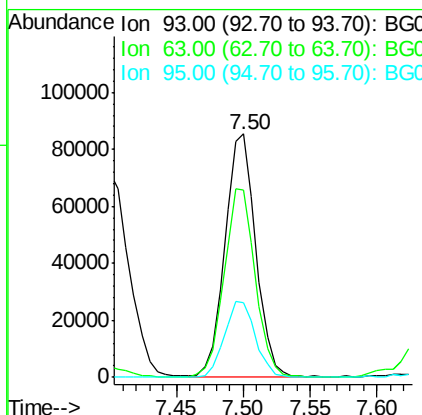
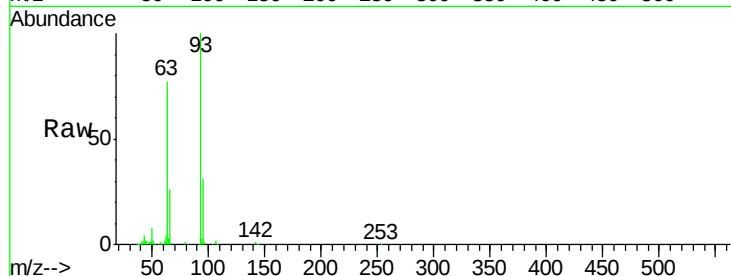




#11
bis(2-Chloroethyl)ether
Concen: 40.14 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

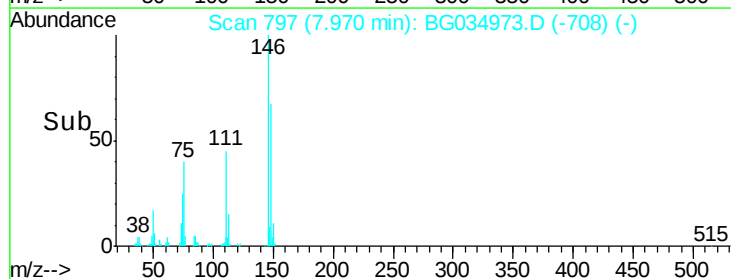
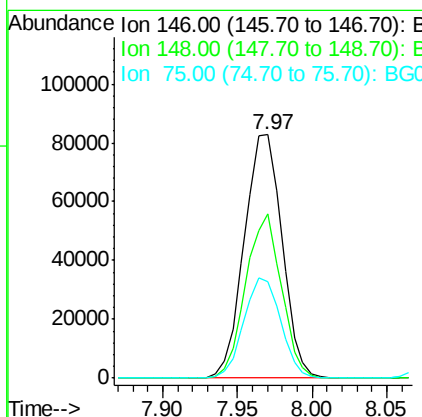
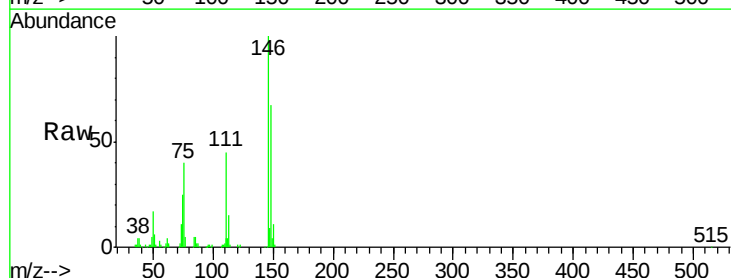
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

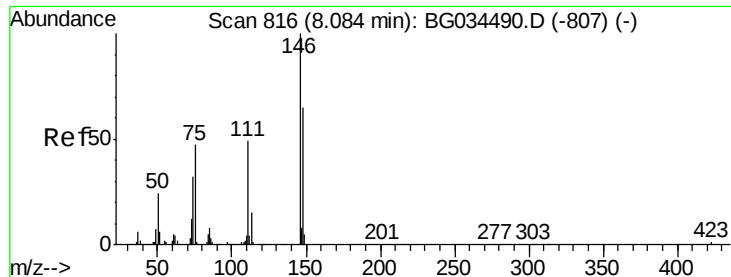
Tot Ion	93	Resp	138489
Ion Ratio	Lower	Upper	
93	100		
63	76.7	67.1	107.1
95	30.8	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 39.83 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	146	Resp	144968
Ion Ratio	Lower	Upper	
146	100		
148	67.4	51.4	77.2
75	39.7	26.6	39.8

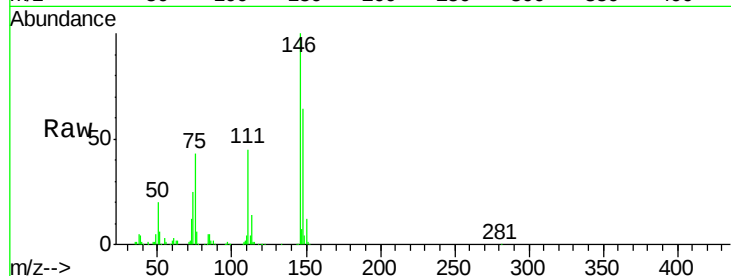




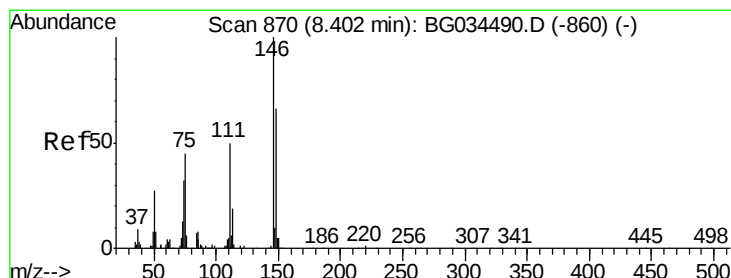
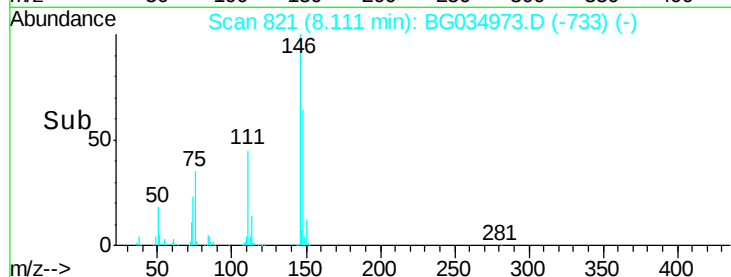
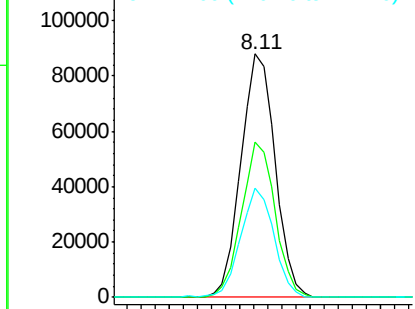
#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

Tot Ion:146 Resp: 149433
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 44.7 35.2 52.8

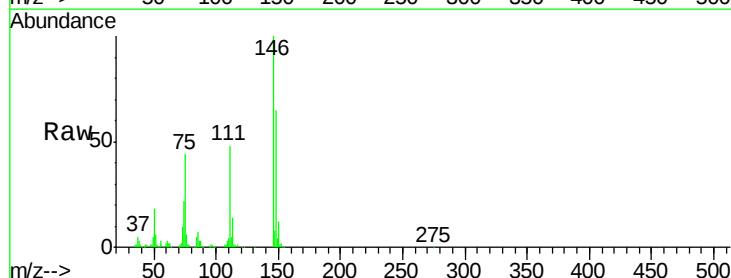


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

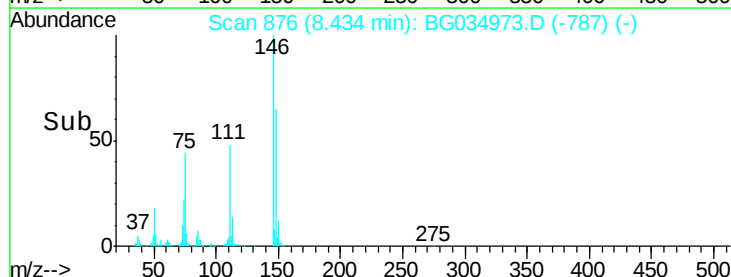
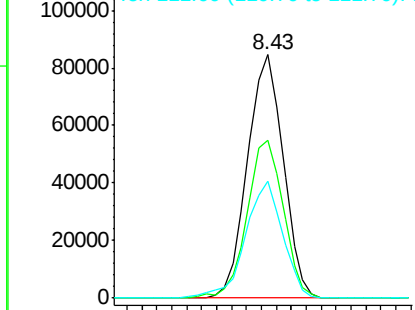


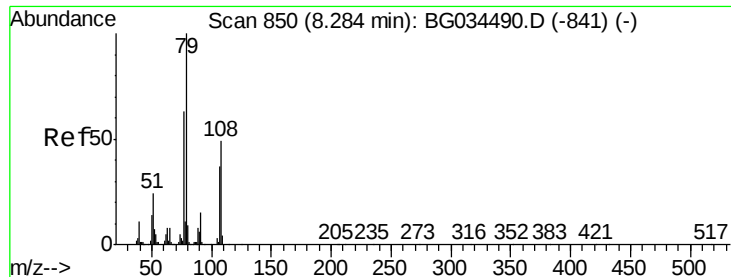
#14
 1,2-Dichlorobenzene
 Concen: 39.67 ng
 RT: 8.43 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion:146 Resp: 139997
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.3 73.9
 111 47.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.68 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

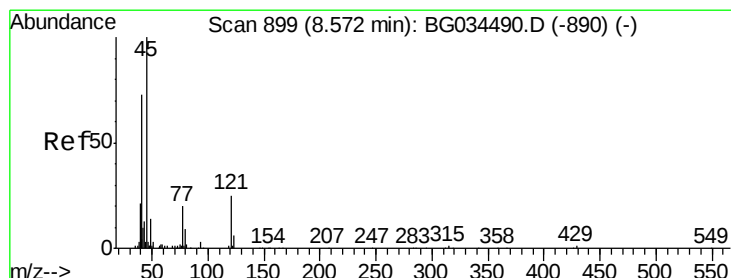
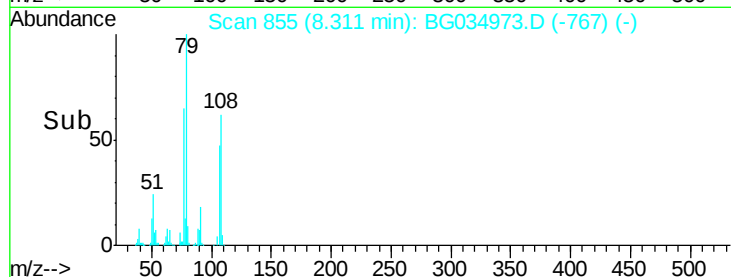
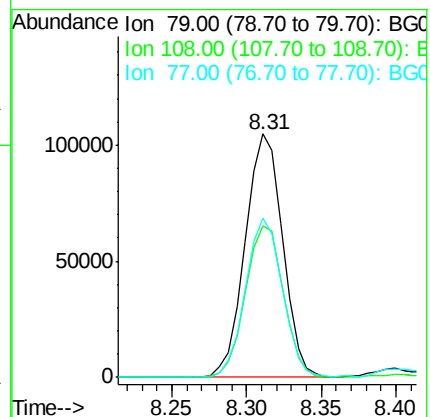
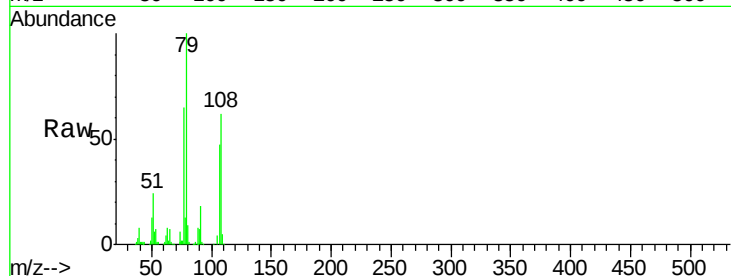
Tot Ion: 79 Resp: 181812

Ion Ratio Lower Upper

79 100

108 62.1 57.2 85.8

77 65.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.38 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

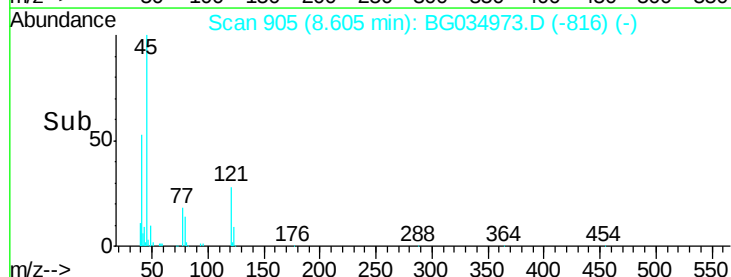
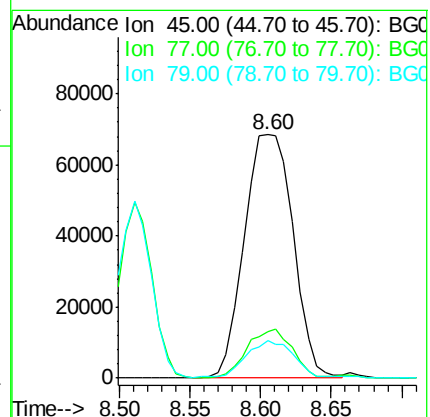
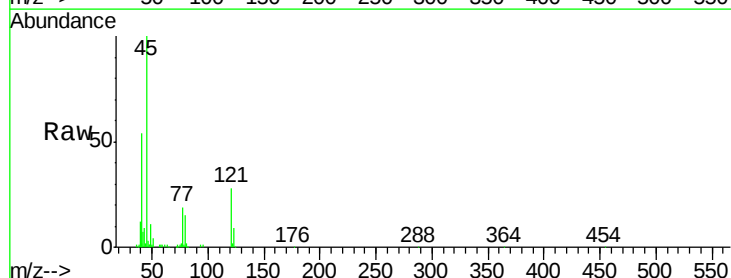
Tgt Ion: 45 Resp: 166120

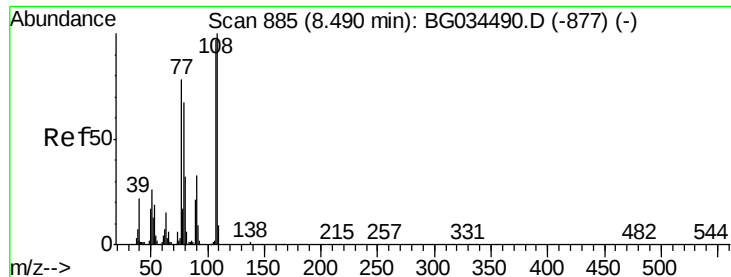
Ion Ratio Lower Upper

45 100

77 19.2 0.0 30.2

79 15.2 0.0 27.9





#17

2-Methylphenol

Concen: 49.93 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

Tot Ion:107 Resp: 146303

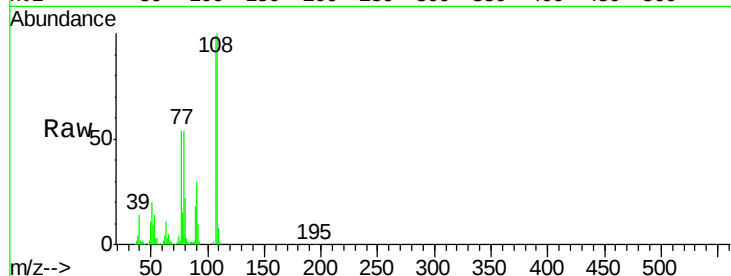
Ion Ratio Lower Upper

107 100

108 100.7 83.9 125.9

77 54.7 37.2 55.8

79 54.8 36.2 54.2#

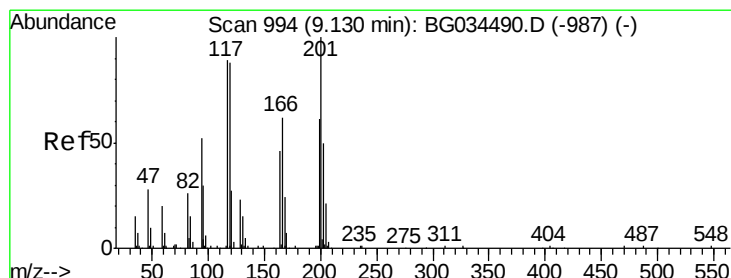
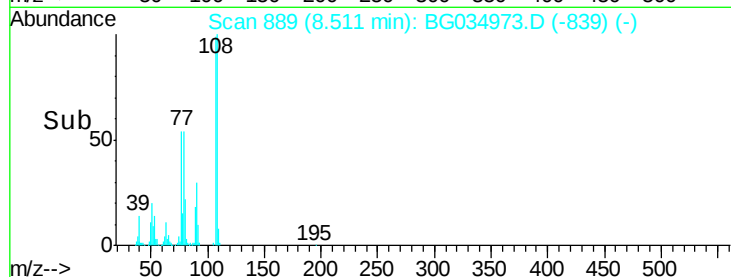
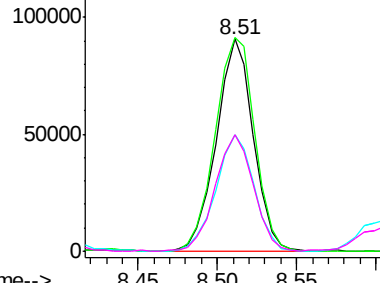


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.21 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

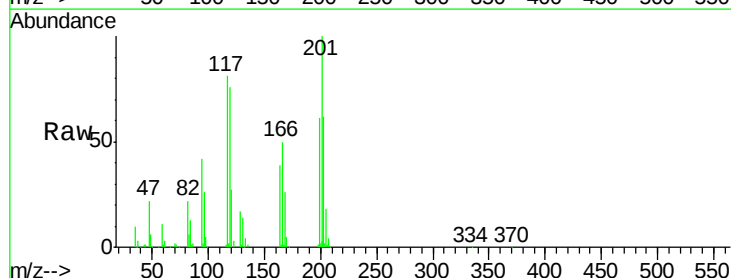
Tgt Ion:117 Resp: 56768

Ion Ratio Lower Upper

117 100

119 93.8 76.7 115.1

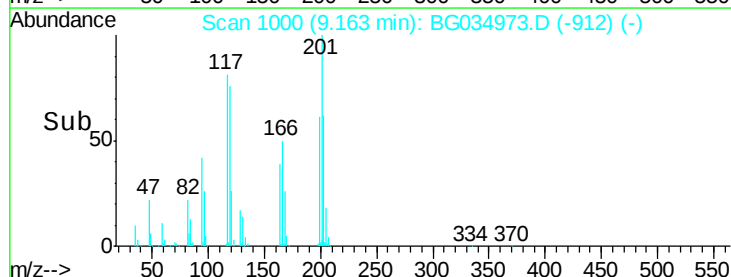
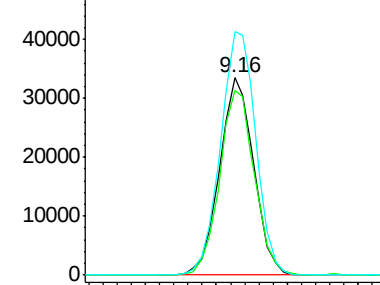
201 123.6 95.7 143.5

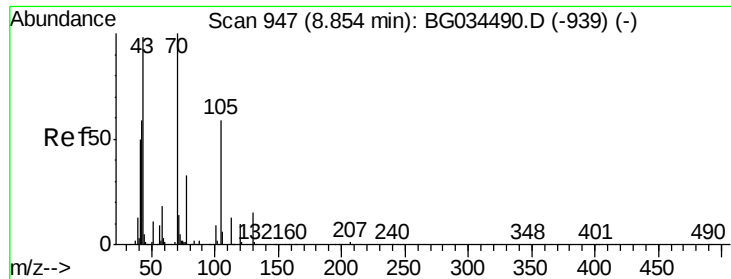


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

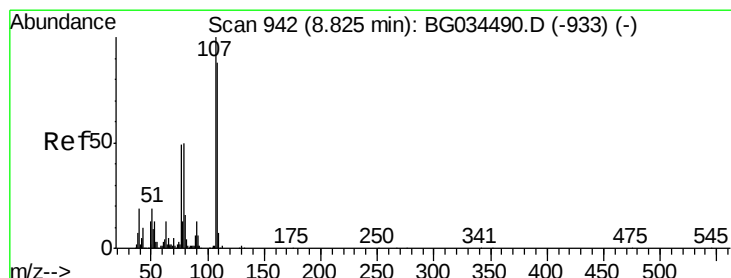
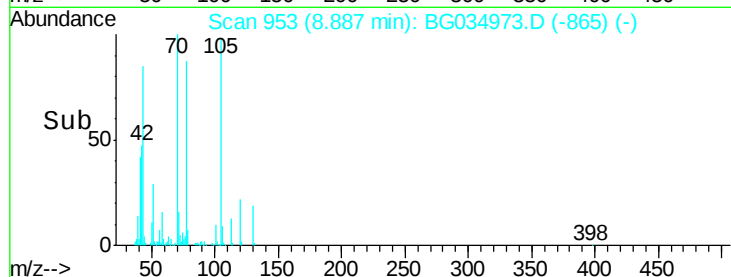
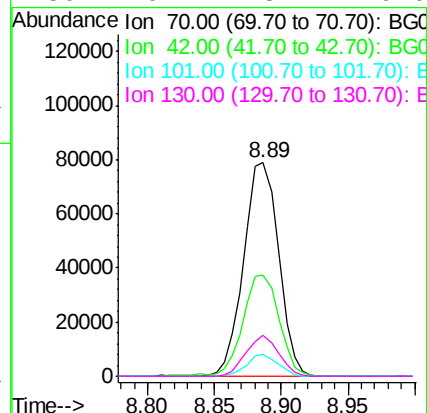
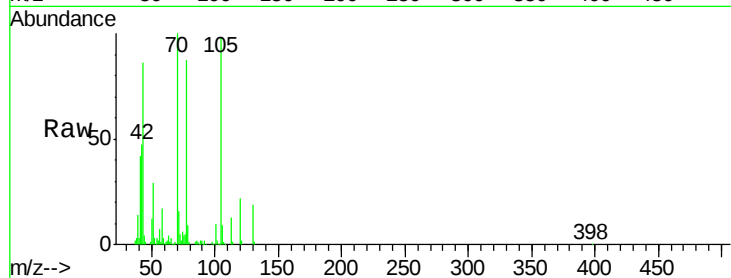




#19
n-Nitroso-di-n-propylamine
Concen: 39.21 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

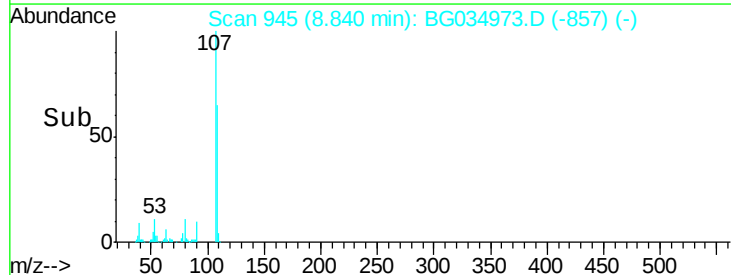
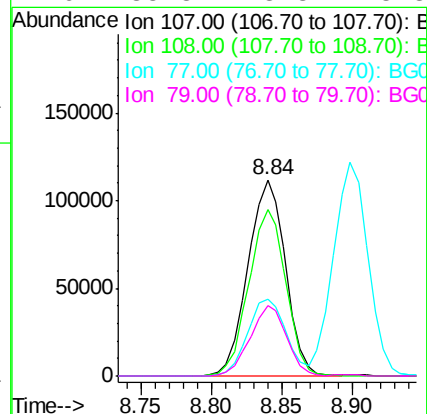
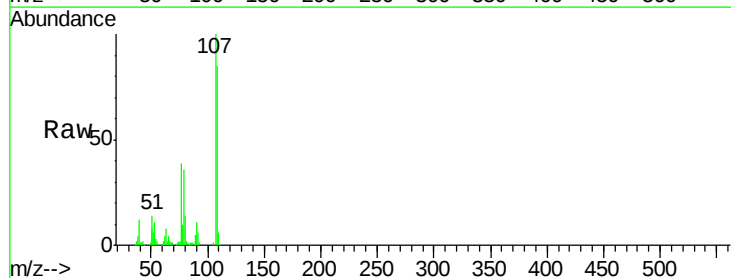
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

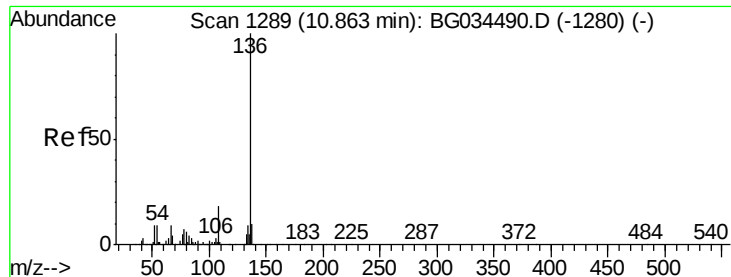
Tot Ion: 70 Resp: 143078
Ion Ratio Lower Upper
70 100
42 47.2 49.1 73.7#
101 10.2 8.5 12.7
130 19.1 13.4 20.0



#20
3+4-Methylphenols
Concen: 49.49 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion: 107 Resp: 207884
Ion Ratio Lower Upper
107 100
108 85.0 61.6 101.6
77 39.1 13.9 53.9
79 35.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

Tot Ion:136 Resp: 193554

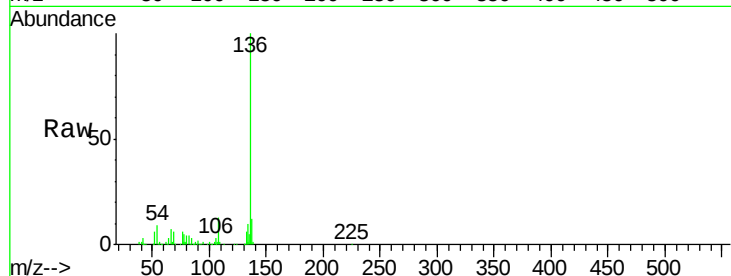
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 8.5 10.3 15.5#

68 5.8 4.5 6.7

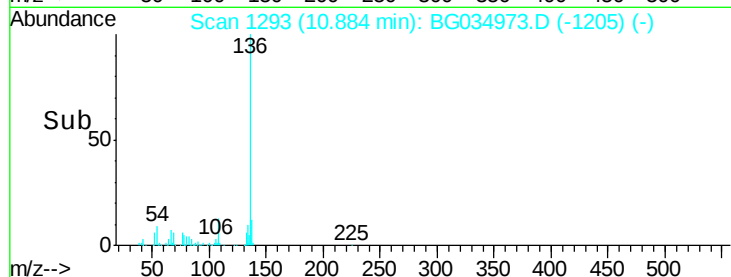


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

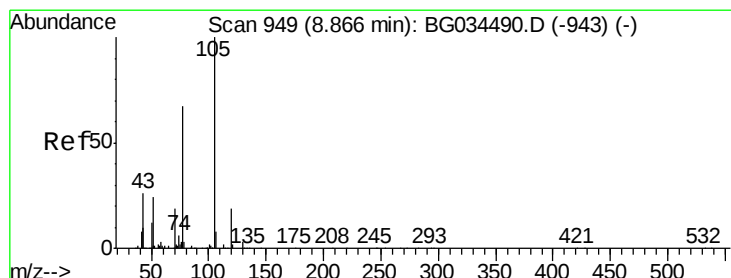
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->

10.88



#22

Acetophenone

Concen: 41.76 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:105 Resp: 250359

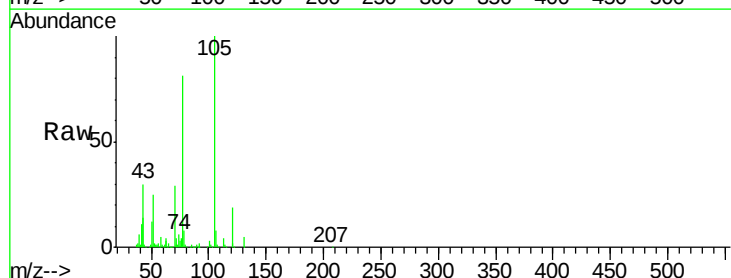
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 25.1 26.1 39.1#

120 18.8 17.4 26.2

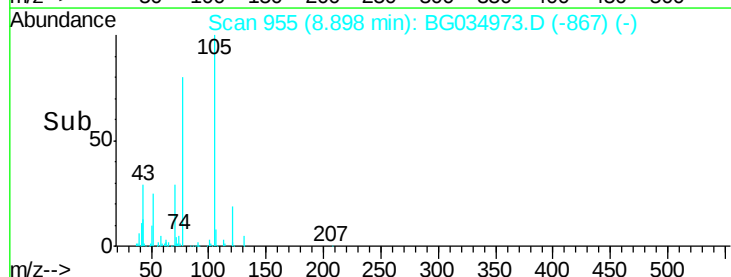


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

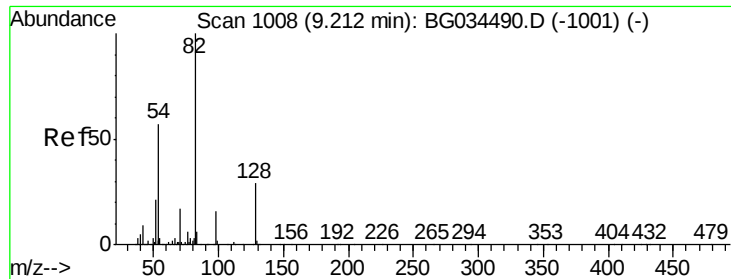
Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



Time-->

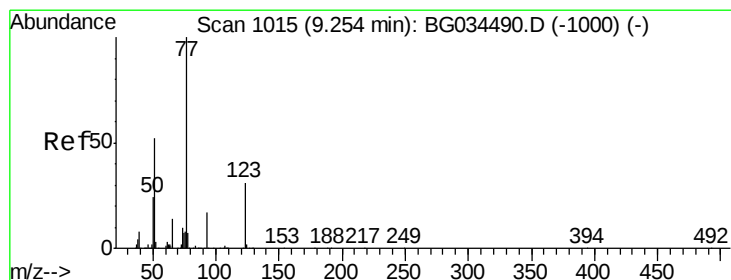
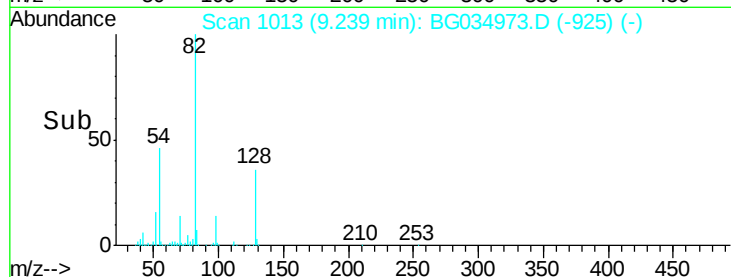
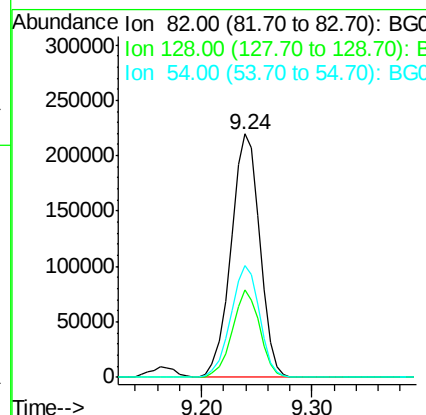
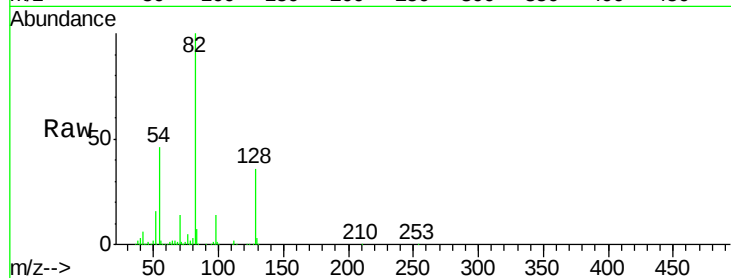
8.90



#23
Nitrobenzene-d5
Concen: 98.25 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

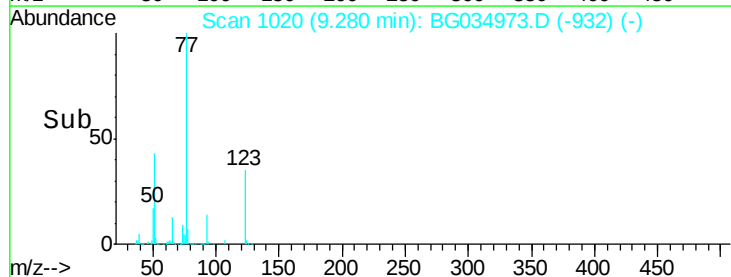
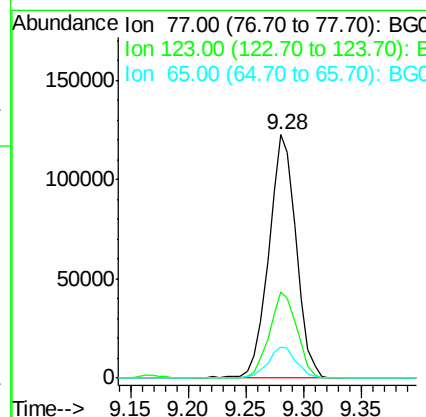
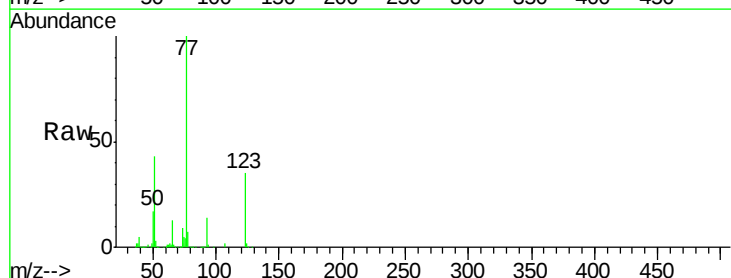
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

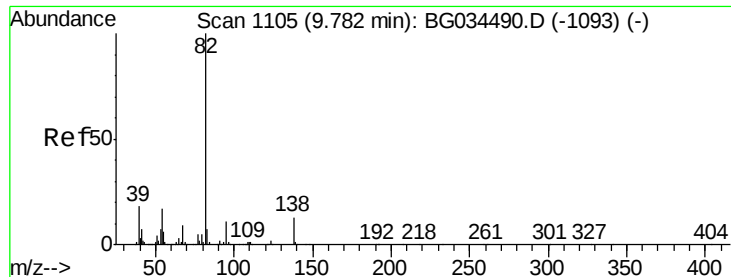
Tot Ion	82	Resp	400076
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.7	44.5
54	45.9	43.1	64.7



#24
Nitrobenzene
Concen: 48.59 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	77	Resp	202613
Ion Ratio	Lower	Upper	
77	100		
123	35.3	33.0	49.6
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 47.30 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

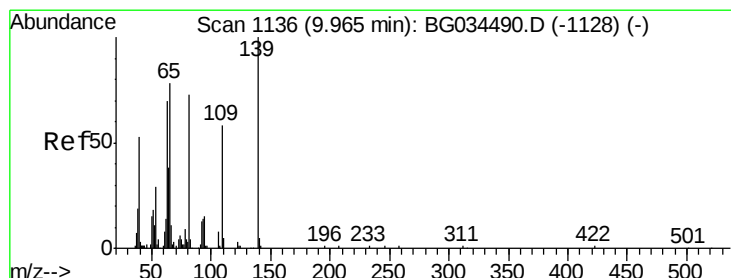
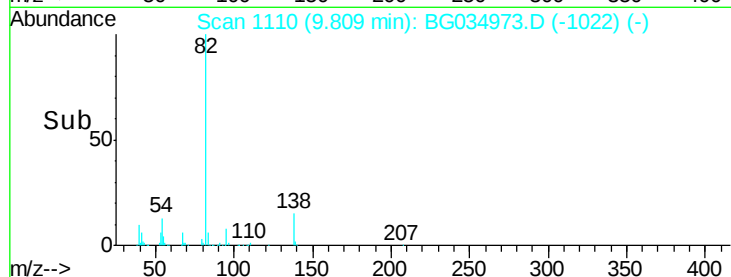
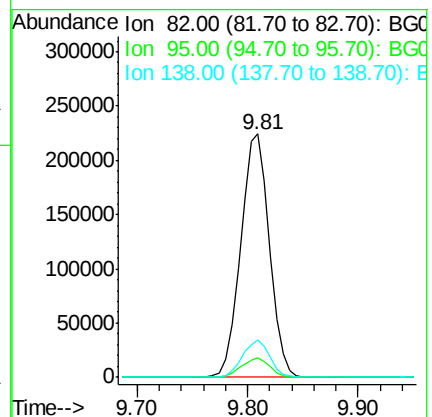
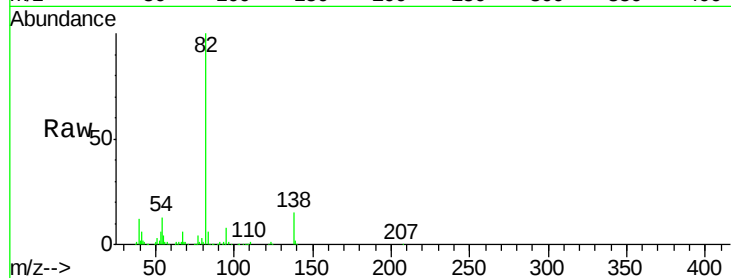
Tot Ion: 82 Resp: 406598

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 54.75 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

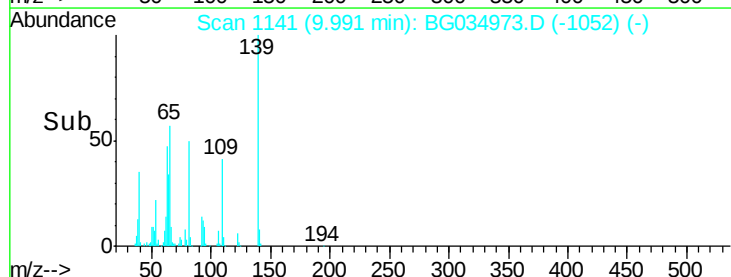
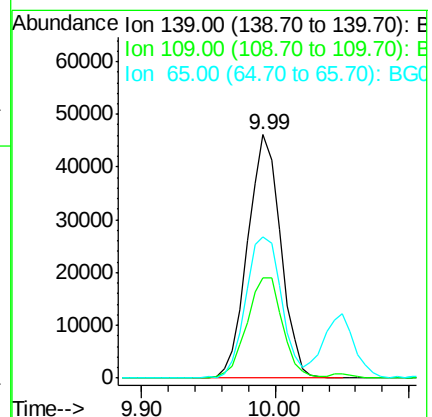
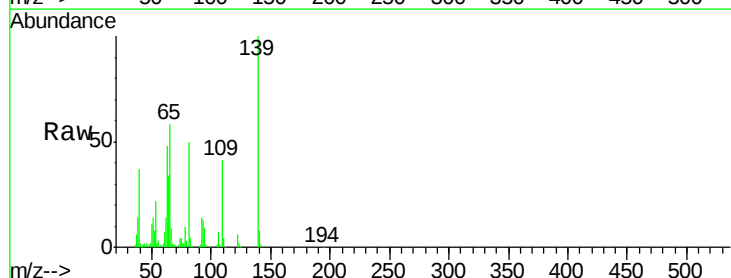
Tgt Ion: 139 Resp: 78690

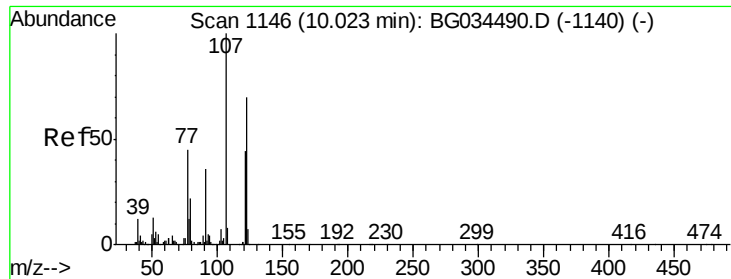
Ion Ratio Lower Upper

139 100

109 41.3 24.2 36.2#

65 57.9 47.4 71.0

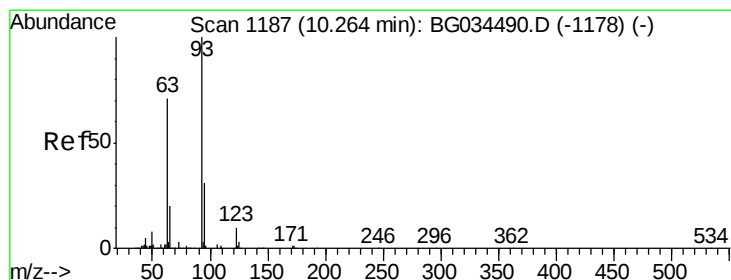
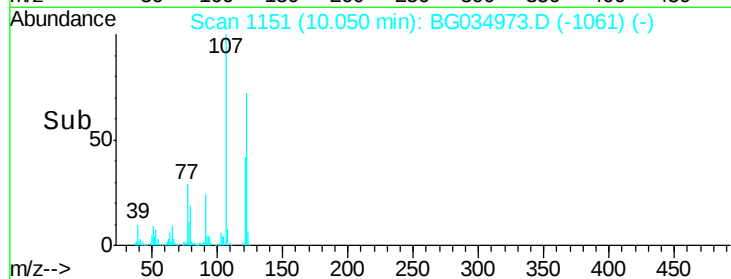
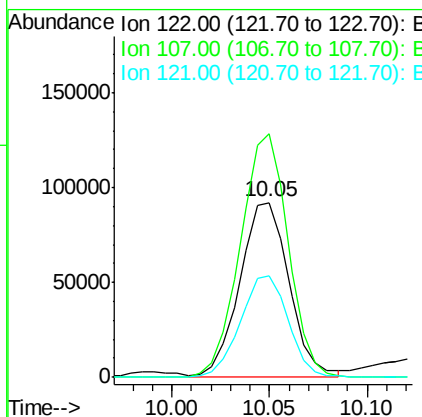
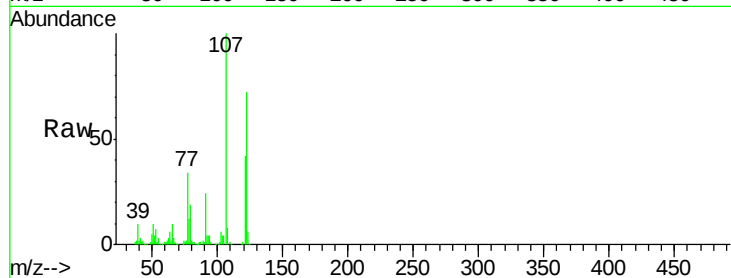




#27
 2,4-Dimethylphenol
 Concen: 53.24 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

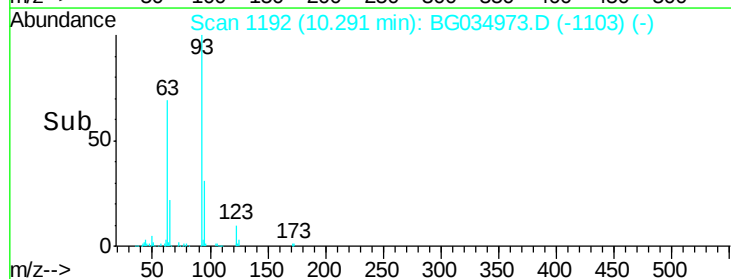
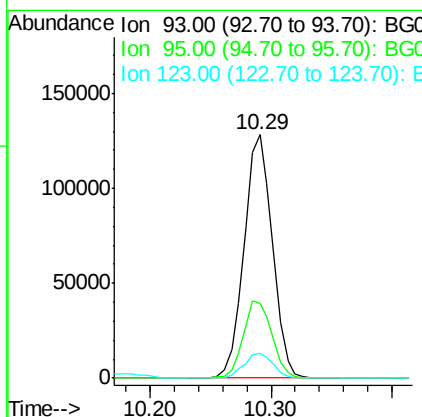
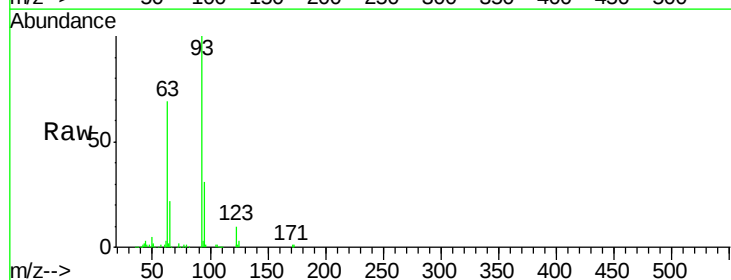
Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

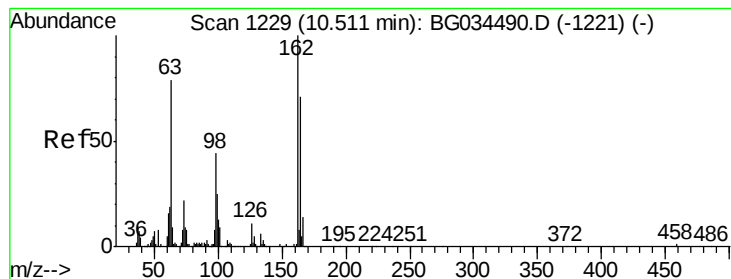
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.5	100.2	150.2
121	58.5	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.37 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.3	36.5
123	10.2	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.45 ng

RT: 10.53 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

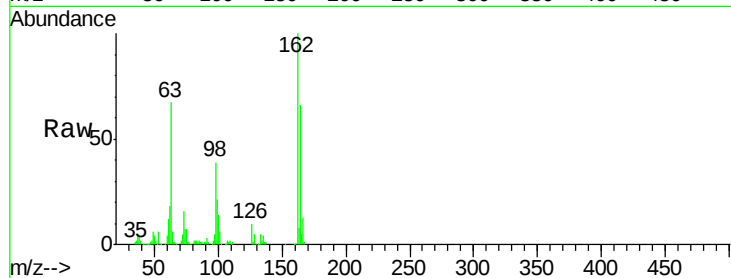
Tot Ion:162 Resp: 175682

Ion Ratio Lower Upper

162 100

164 66.5 48.0 88.0

98 39.2 21.1 61.1

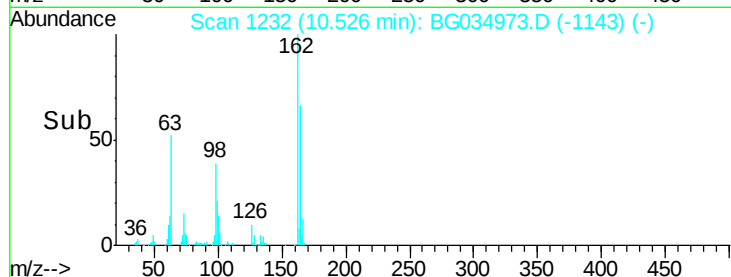


Abundance Ion 162.00 (161.70 to 162.70): E

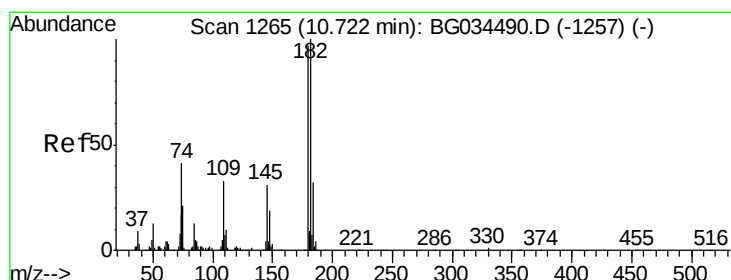
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 43.58 ng

RT: 10.74 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

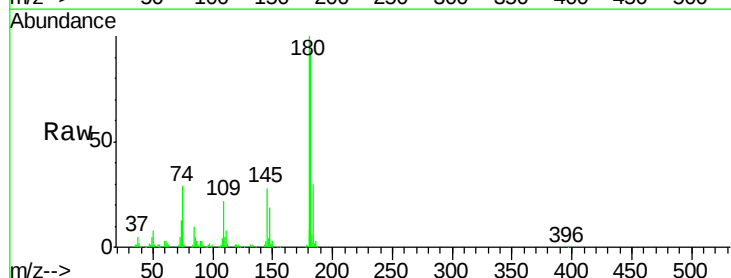
Tgt Ion:180 Resp: 171772

Ion Ratio Lower Upper

180 100

182 92.6 77.5 116.3

145 27.6 23.4 35.2

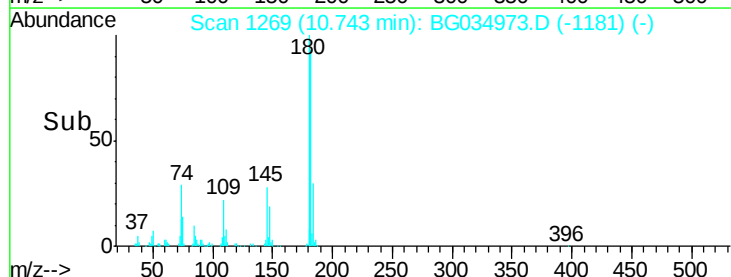


Abundance Ion 180.00 (179.70 to 180.70): E

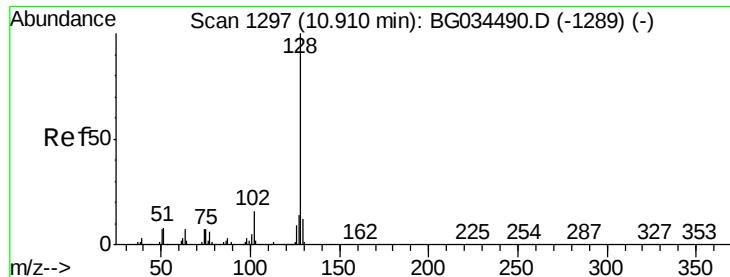
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



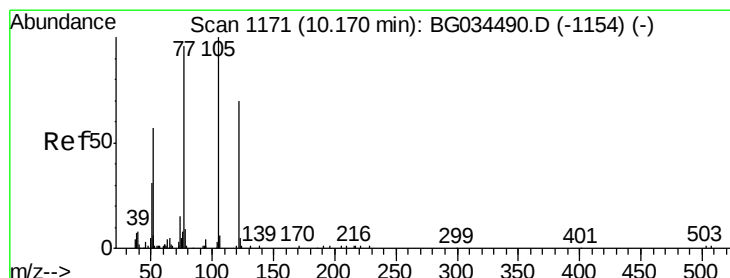
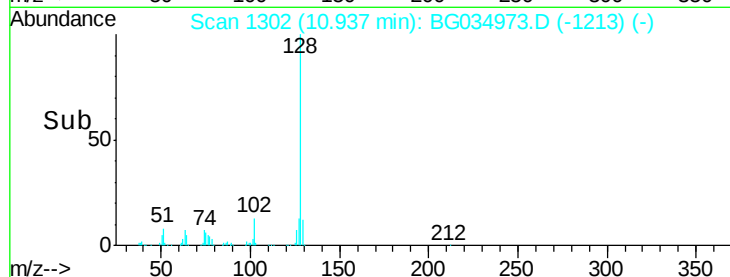
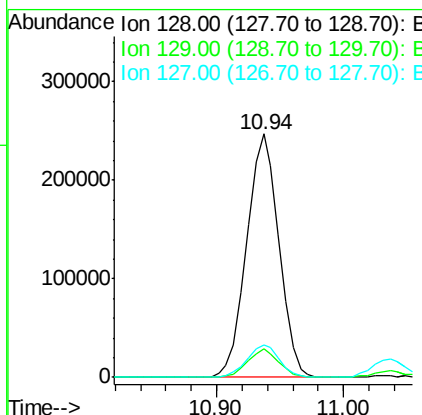
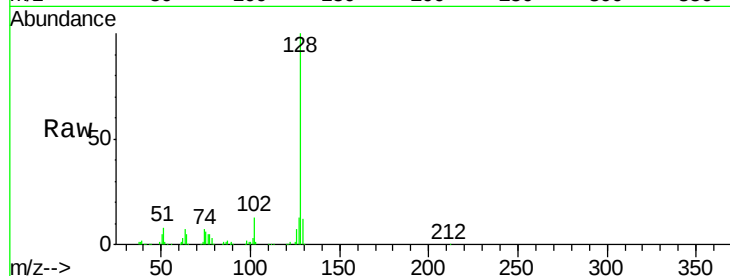
Time-->



#31
Naphthalene
Concen: 43.37 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

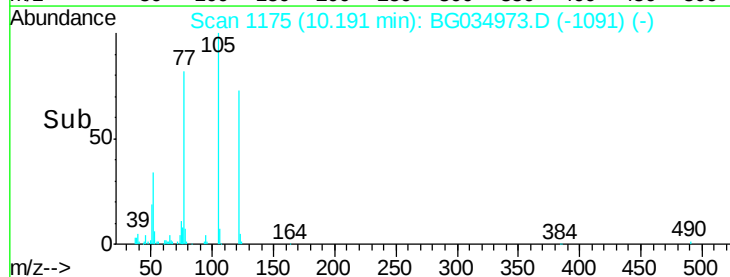
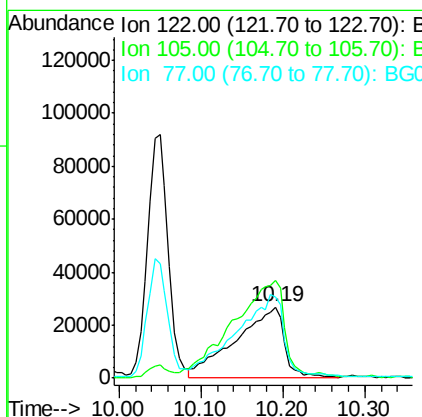
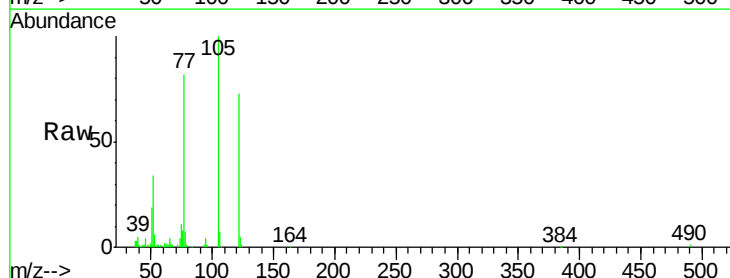
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

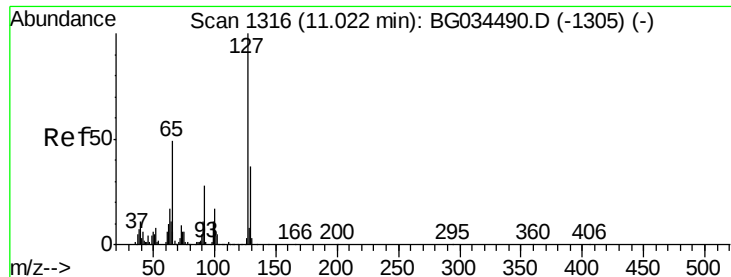
Tot Ion:128 Resp: 436047
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 54.03 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion:122 Resp: 109321
Ion Ratio Lower Upper
122 100
105 137.4 123.5 163.5
77 112.7 85.7 125.7

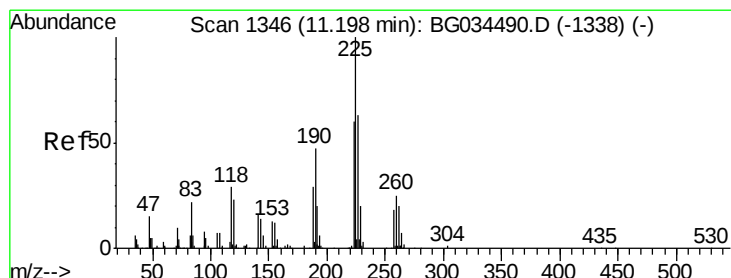
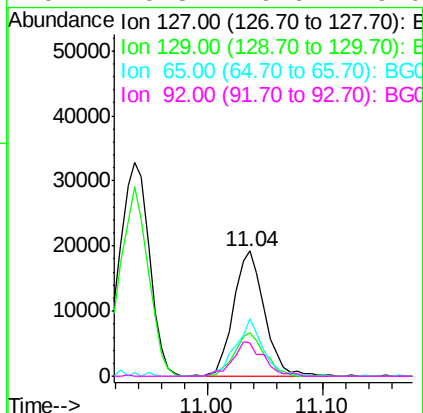
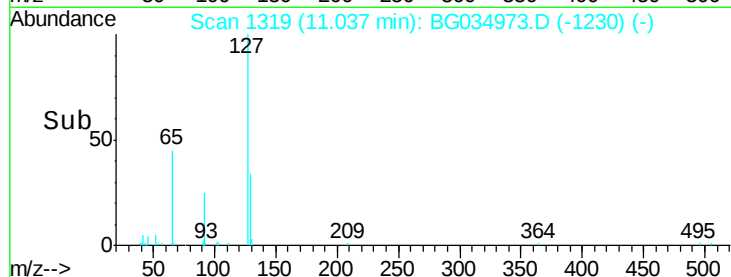
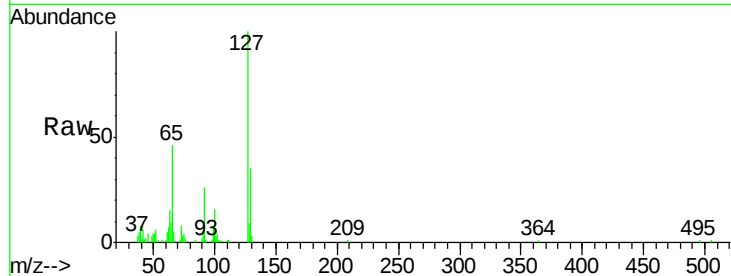




#33
4-Chloroaniline
Concen: 8.21 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

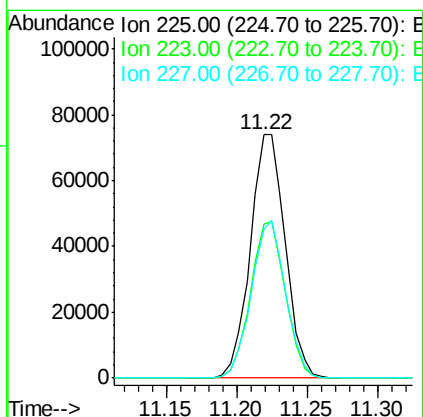
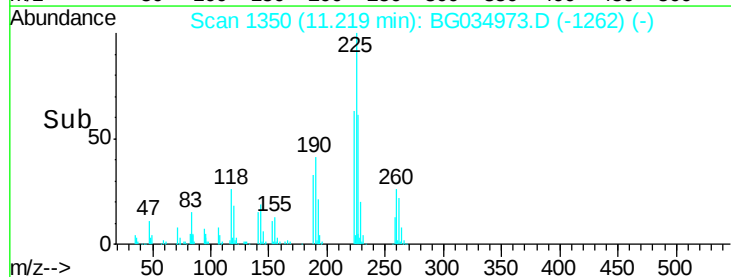
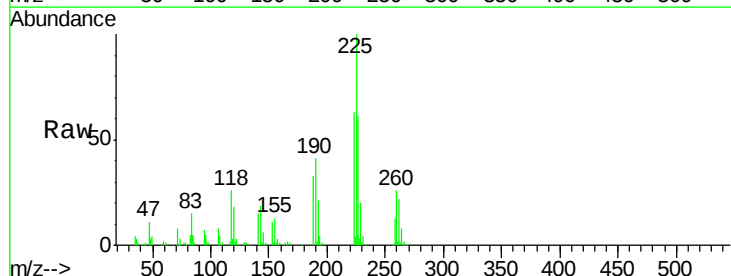
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

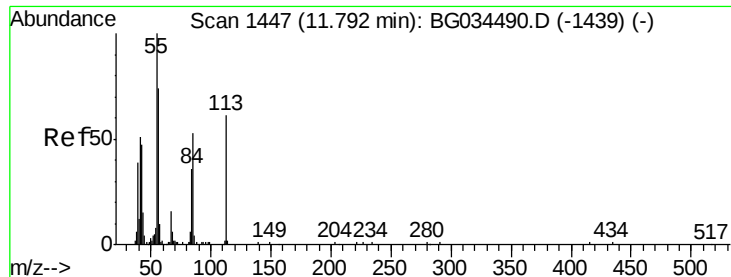
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	24.0	36.0
65	46.2	27.0	40.4
92	26.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.83 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	61.0	48.1	72.1





#35

Caprolactam

Concen: 27.49 ng

RT: 11.82 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

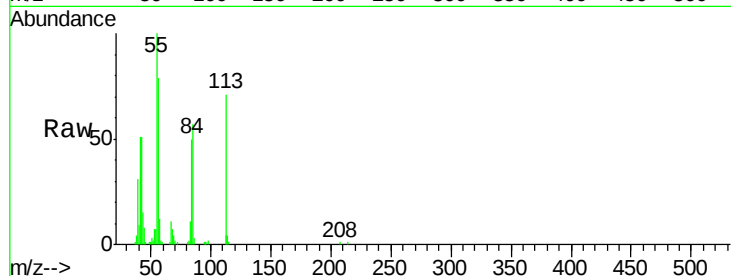
Tot Ion:113 Resp: 33401

Ion Ratio Lower Upper

113 100

55 140.9 186.9 226.9#

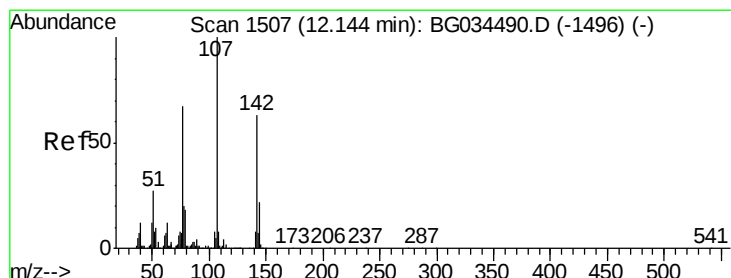
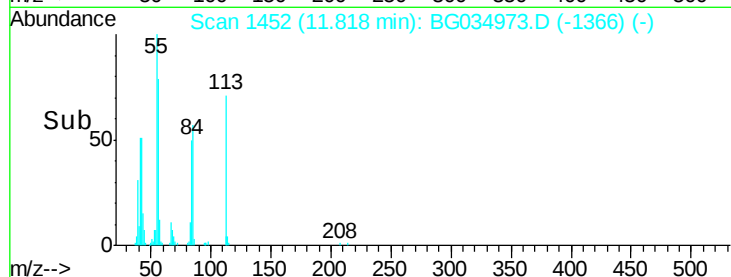
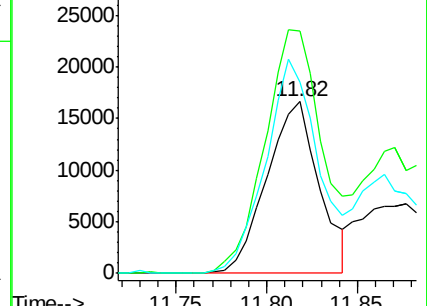
56 111.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.24 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

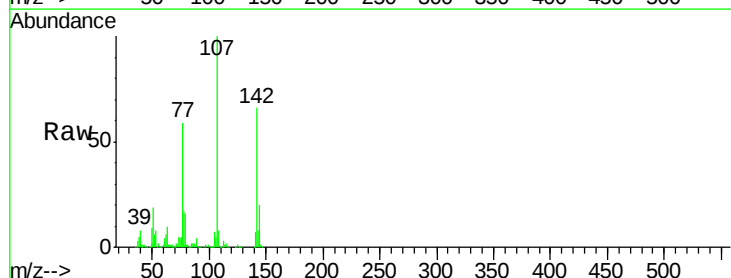
Tgt Ion:107 Resp: 214041

Ion Ratio Lower Upper

107 100

144 19.7 18.2 27.4

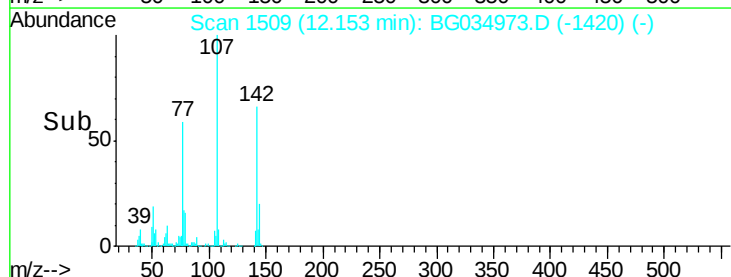
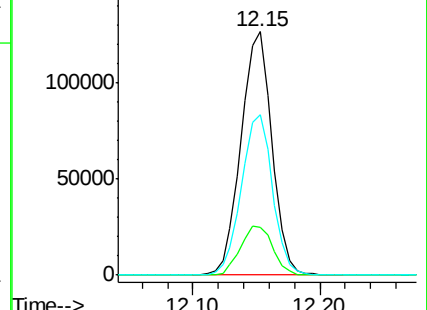
142 65.9 59.0 88.4

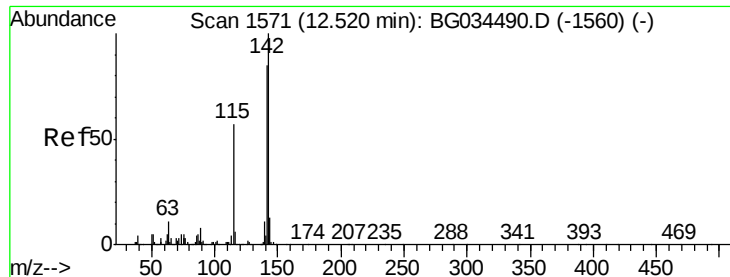


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

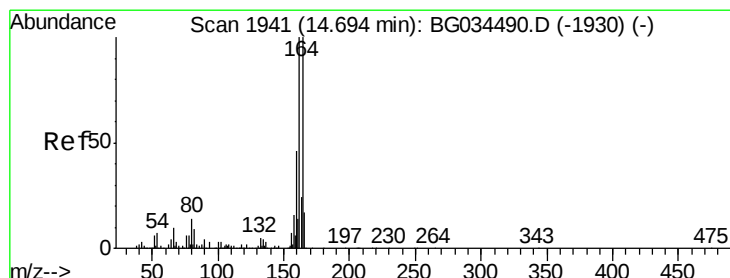
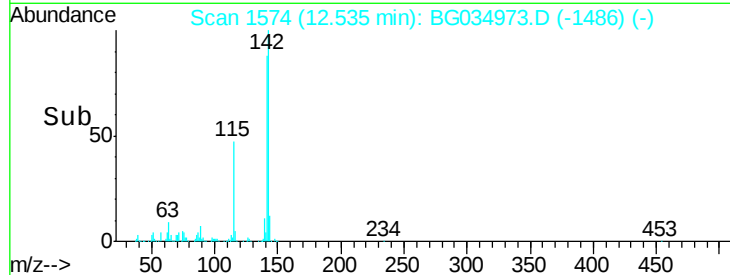
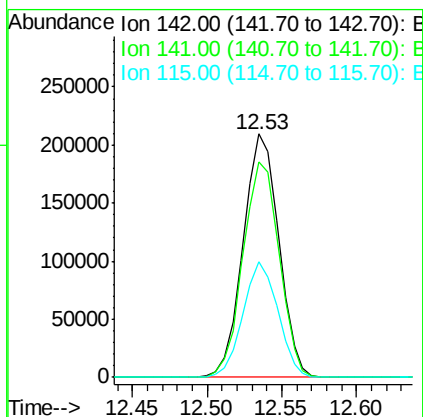
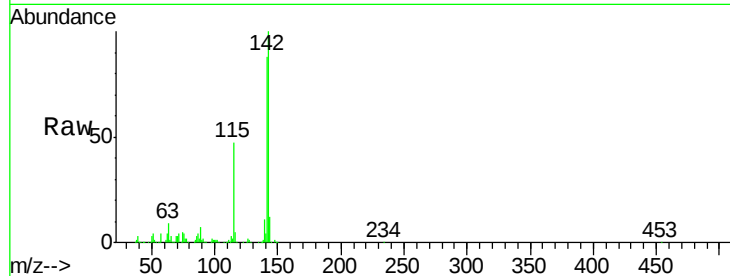




#37
2-Methylnaphthalene
Concen: 45.53 ng
RT: 12.53 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

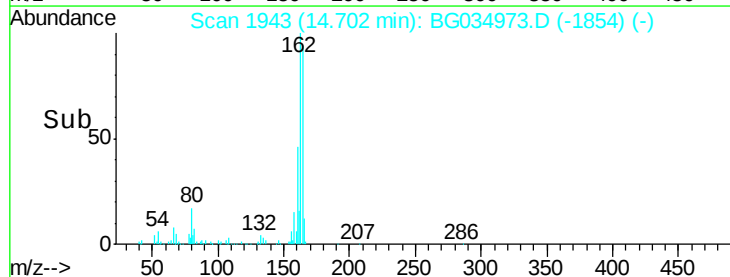
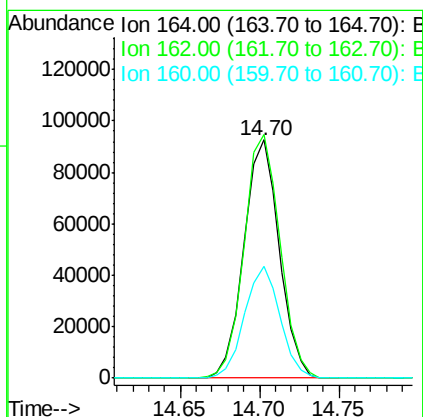
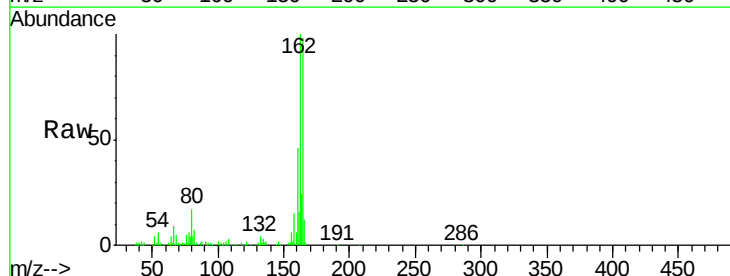
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

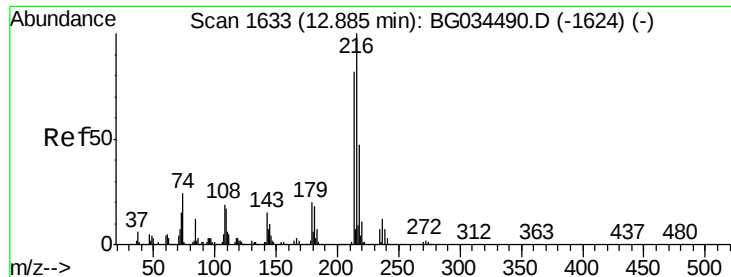
Tot Ion:142 Resp: 347117
Ion Ratio Lower Upper
142 100
141 88.3 67.1 100.7
115 47.2 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion:164 Resp: 143559
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 46.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.34 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

Tot Ion:216 Resp: 231768

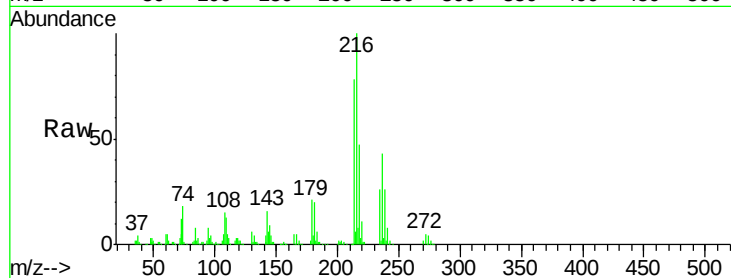
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.3 17.0 25.6

108 18.2 12.8 19.2

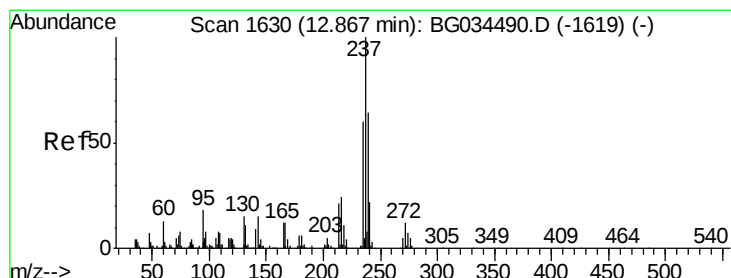
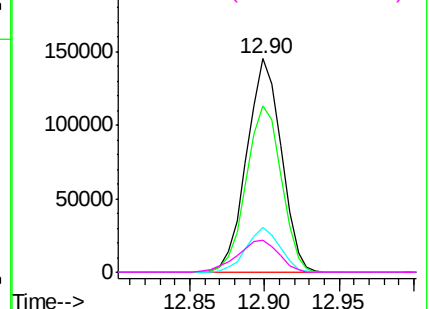
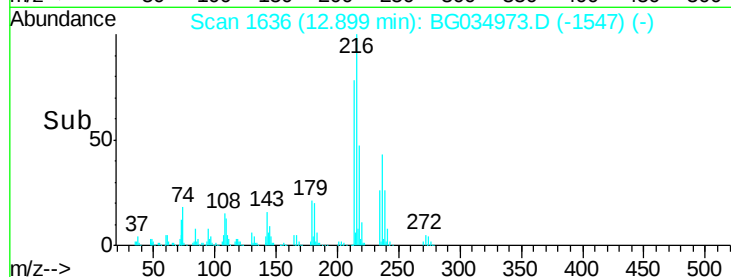


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.20 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

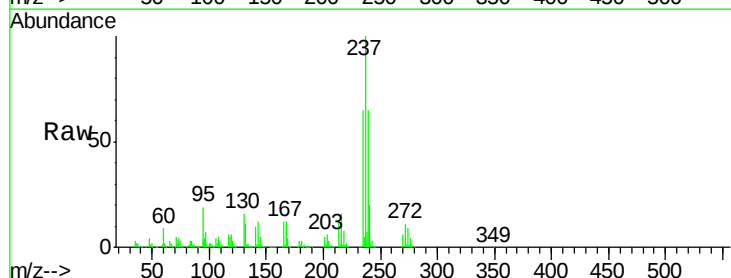
Tgt Ion:237 Resp: 342712

Ion Ratio Lower Upper

237 100

235 65.4 50.4 90.4

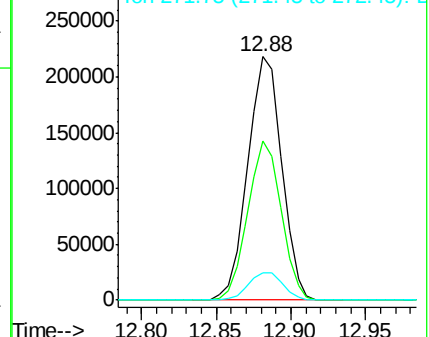
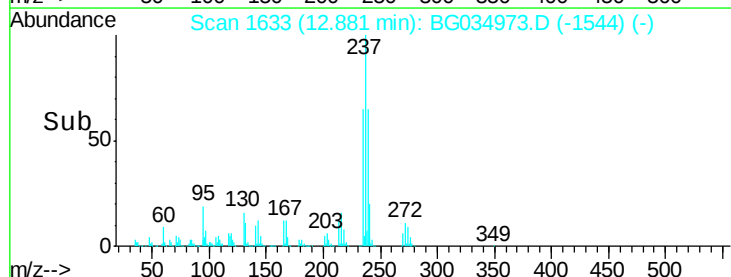
272 11.3 0.0 31.8

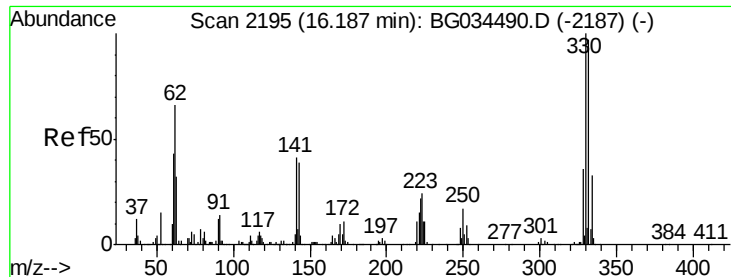


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

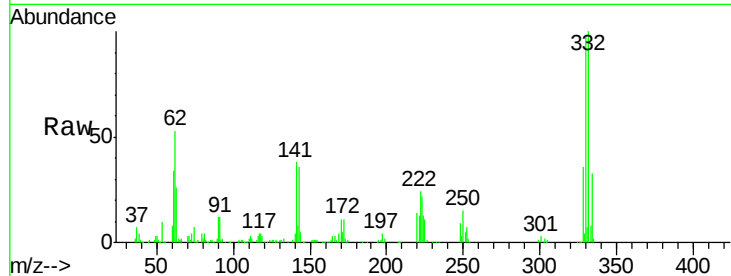




#41
 2,4,6-Tribromophenol
 Concen: 99.05 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	41.8	25.2	37.8#

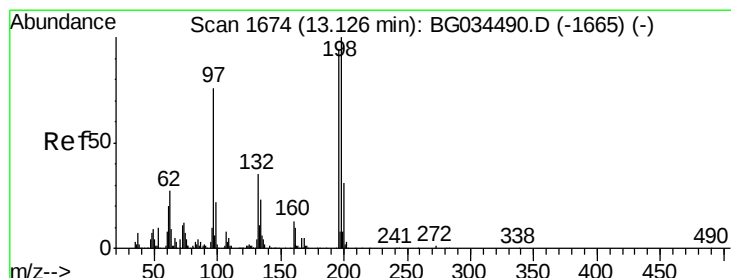
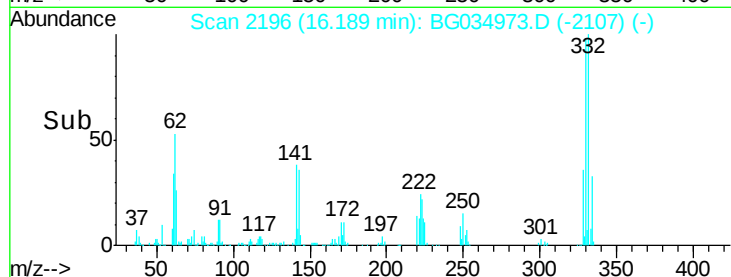
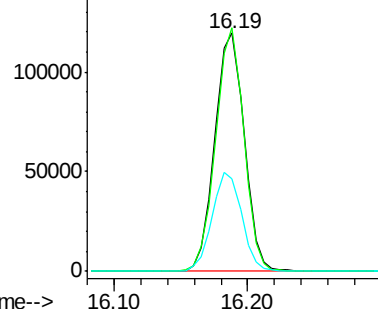


Abundance

Ion 329.80 (329.50 to 330.50): E

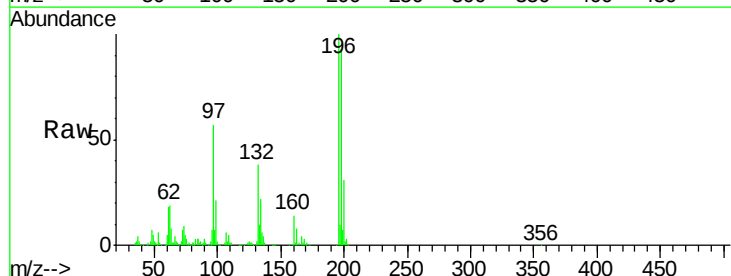
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.72 ng
 RT: 13.13 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	78.2	117.2
200	31.4	24.6	36.8

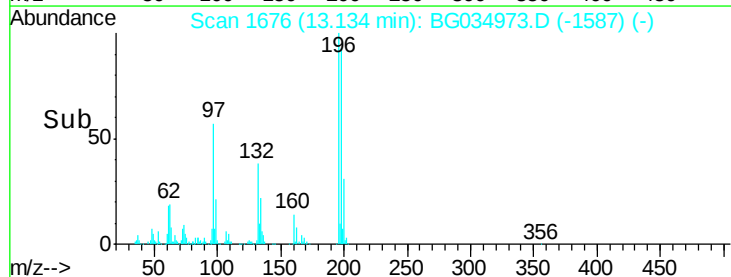
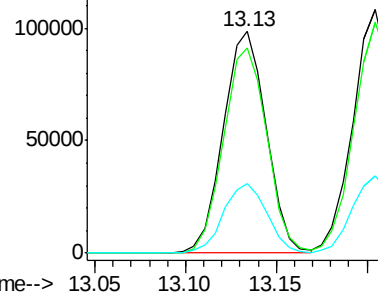


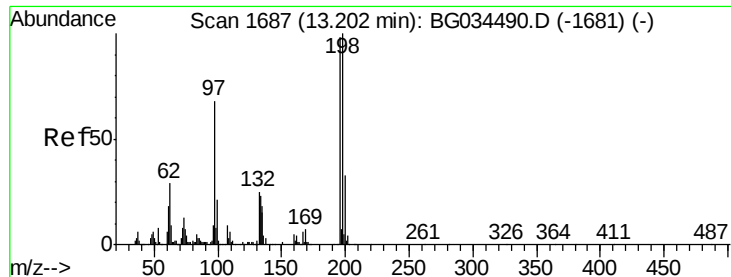
Abundance

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

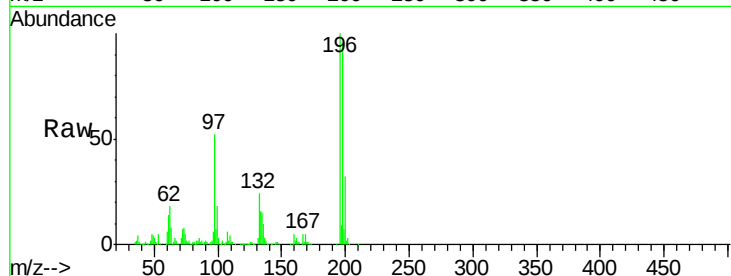




#43
2,4,5-Trichlorophenol
Concen: 49.19 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.4
97	51.7	38.7	58.1
132	24.1	20.2	30.2



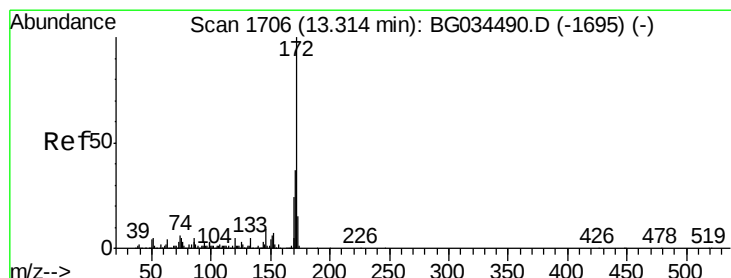
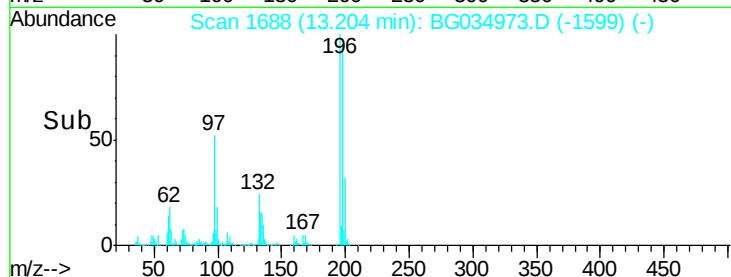
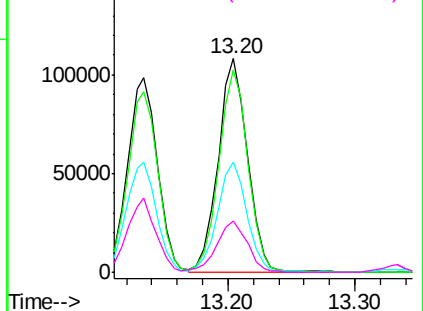
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

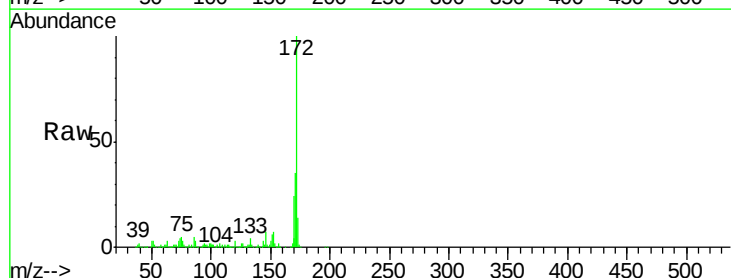
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.15 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.7	19.5	29.3

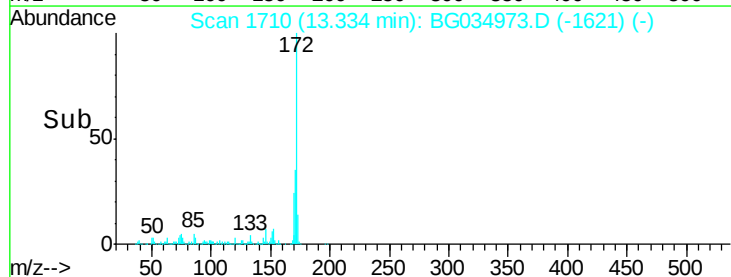
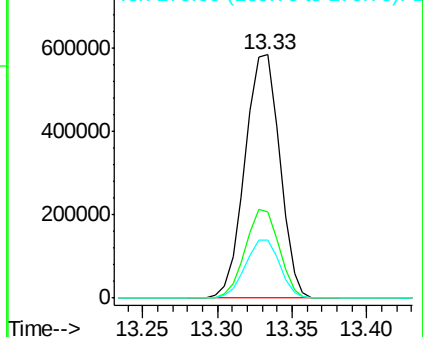


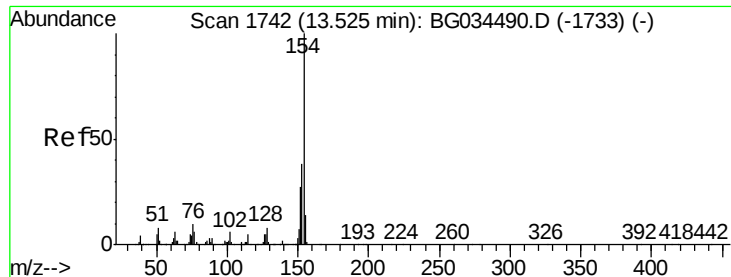
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

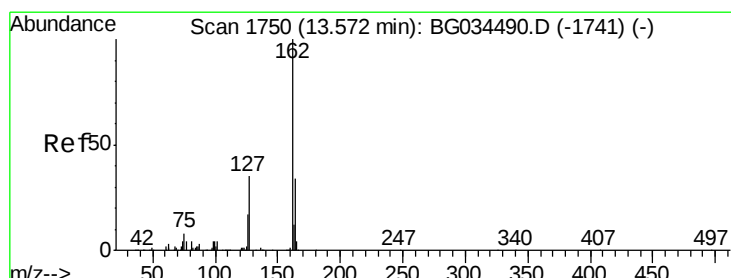
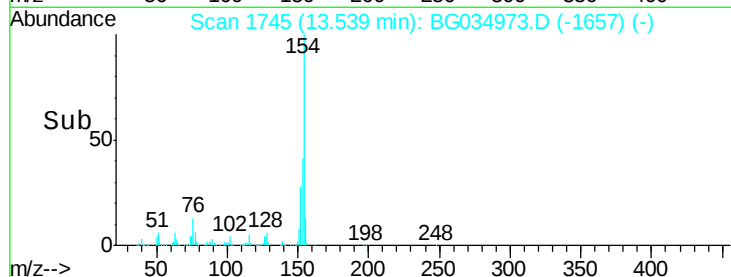
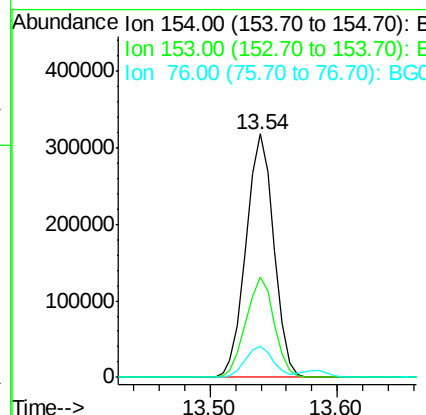
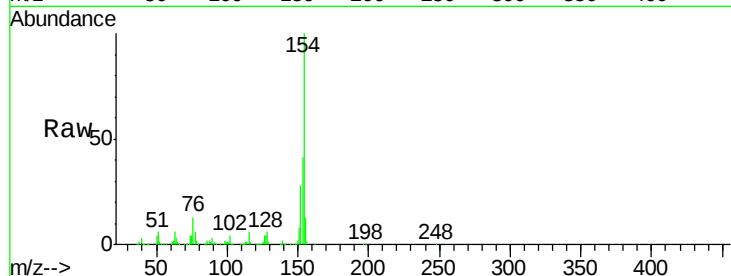




#45
 1,1'-Biphenyl
 Concen: 41.92 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

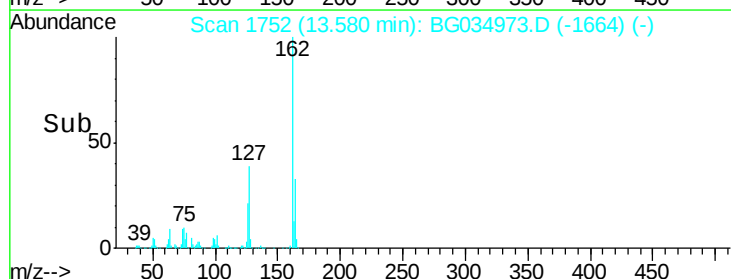
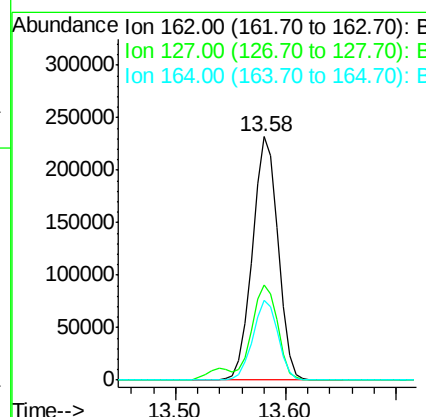
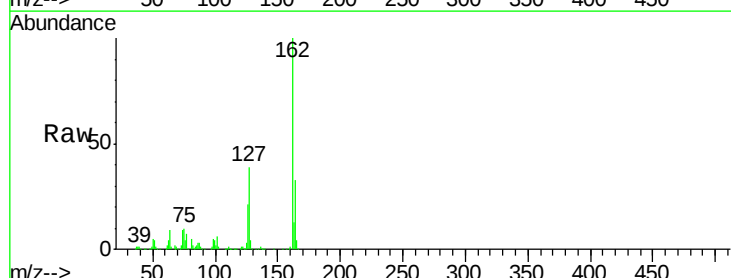
Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

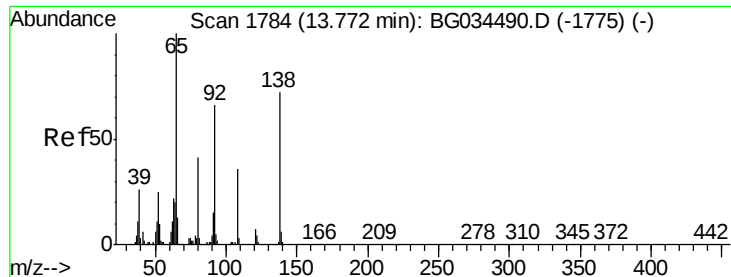
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	12.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 43.13 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	32.5	26.0	39.0

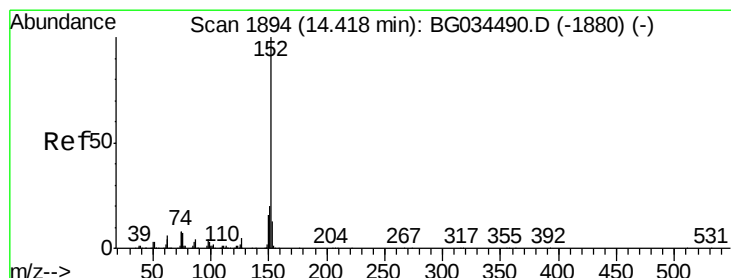
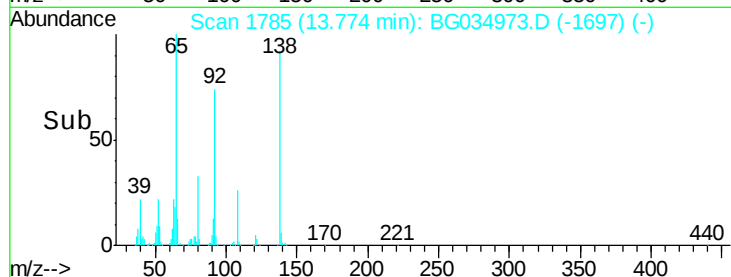
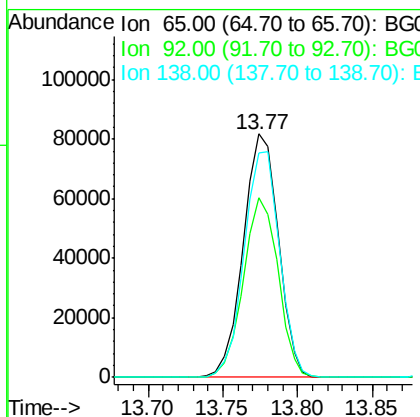
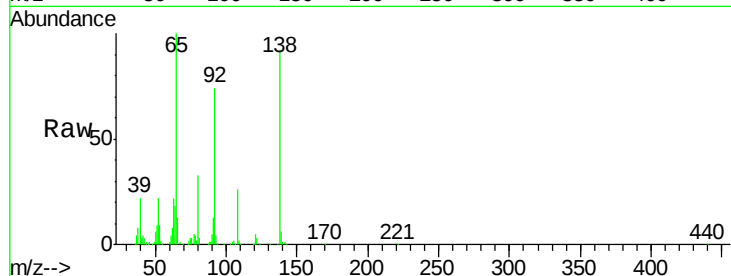




#47
2-Nitroaniline
Concen: 51.61 ng
RT: 13.77 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

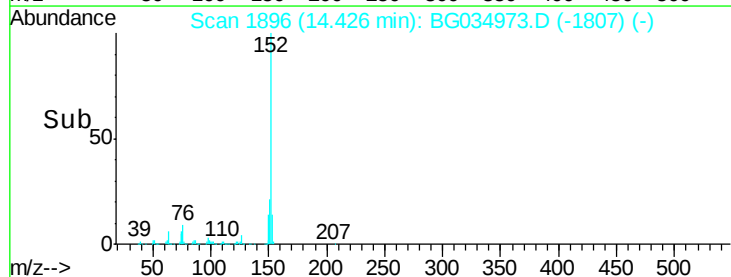
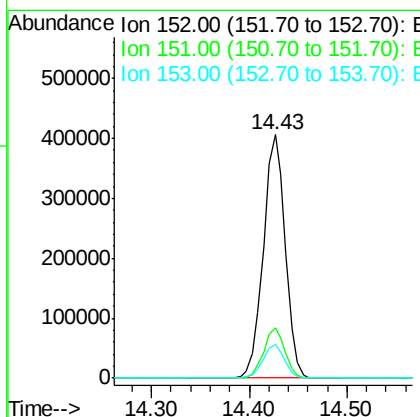
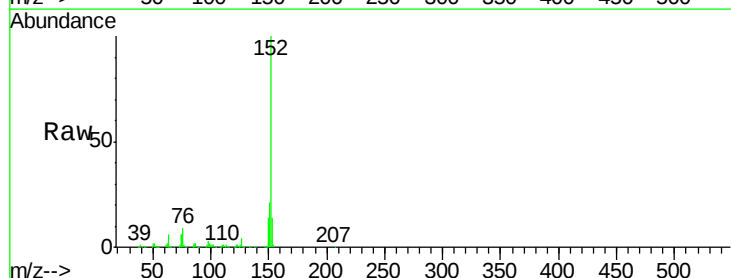
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

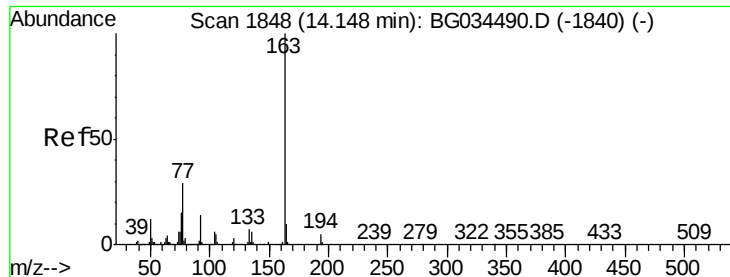
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	54.6	82.0
138	92.4	72.9	109.3



#48
Acenaphthylene
Concen: 43.86 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.7	10.2	15.4





#49

Dimethylphthalate

Concen: 43.31 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

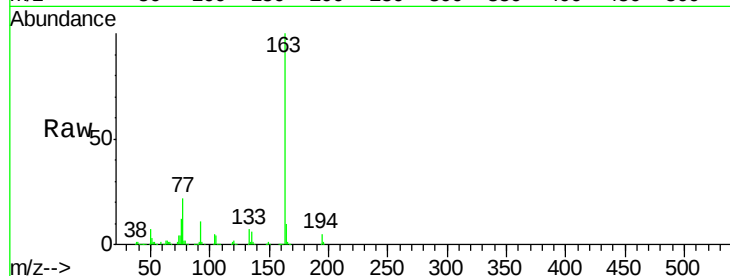
Tot Ion:163 Resp: 542170

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

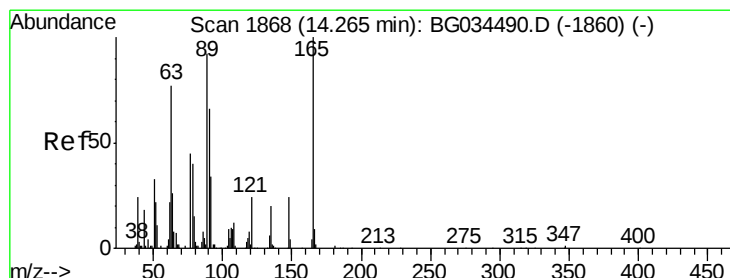
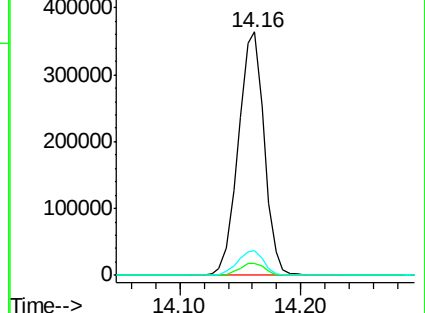
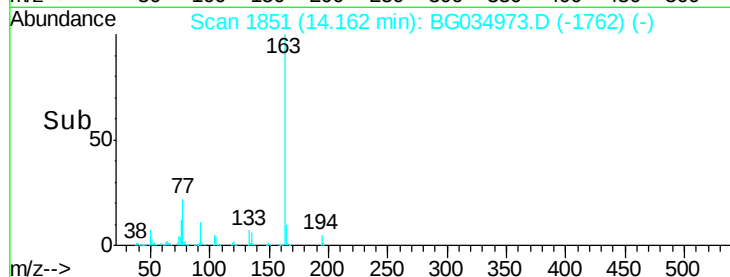
164 10.1 8.2 12.4



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: 52.17 ng

RT: 14.27 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

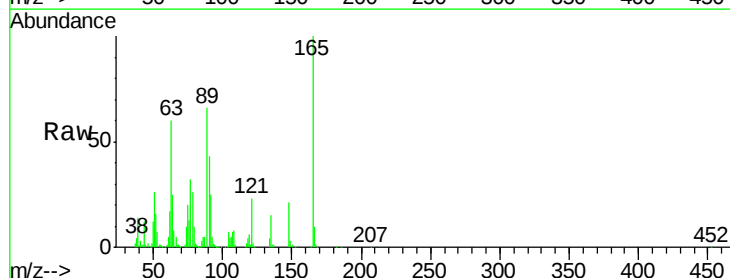
Tgt Ion:165 Resp: 119146

Ion Ratio Lower Upper

165 100

63 59.6 52.7 79.1

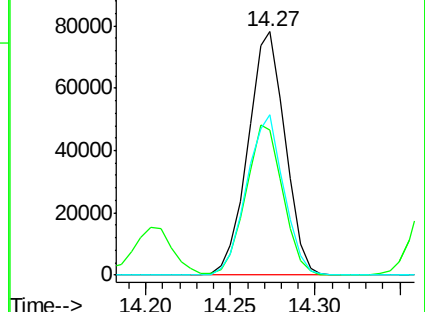
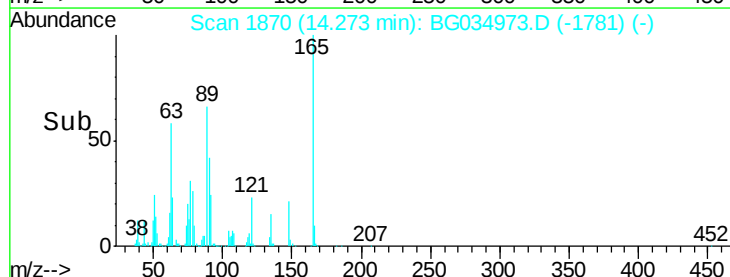
89 66.0 49.2 73.8

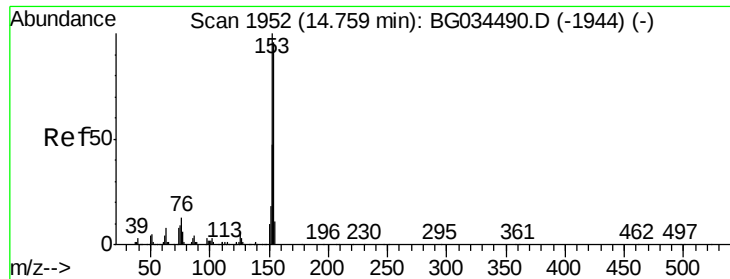


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.76 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

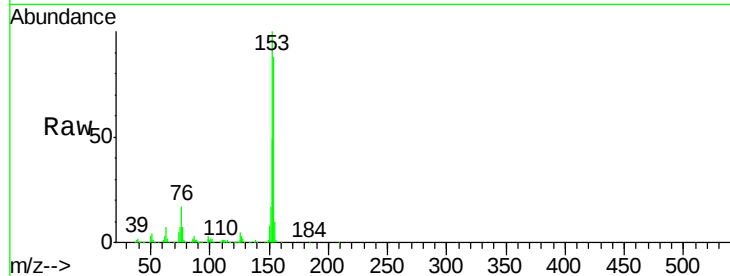
Tot Ion:154 Resp: 428016

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

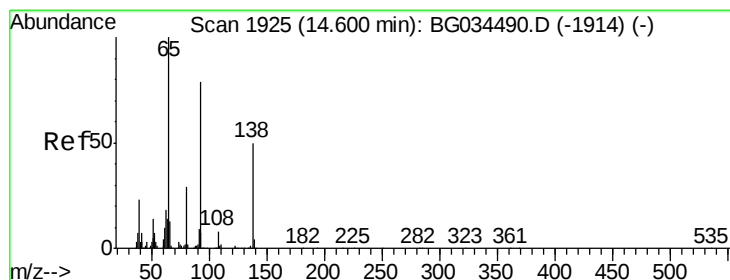
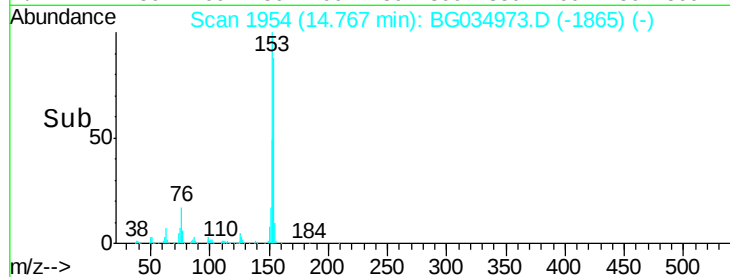
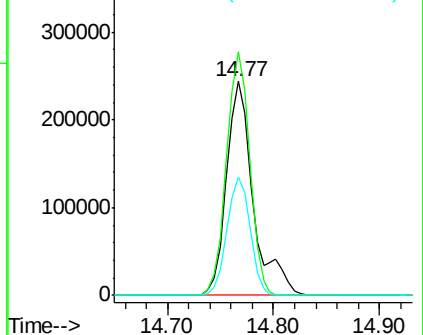
152 55.3 41.6 62.4



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: 17.10 ng

RT: 14.60 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

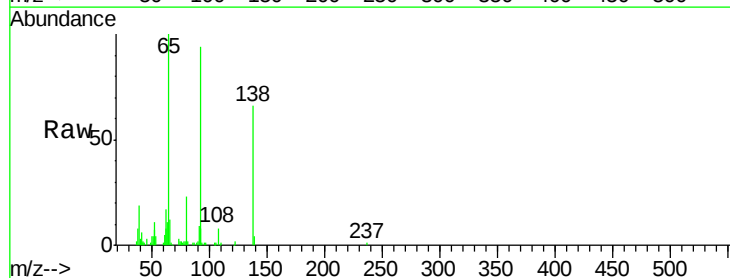
Tgt Ion:138 Resp: 38324

Ion Ratio Lower Upper

138 100

108 12.7 17.5 26.3#

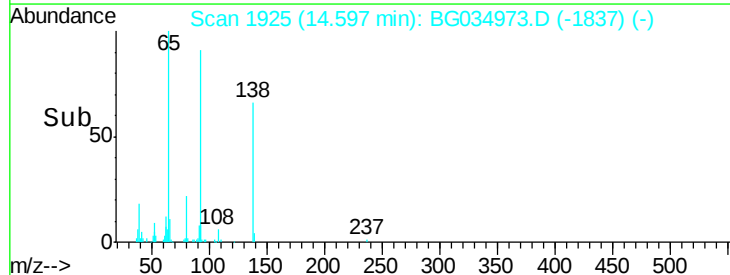
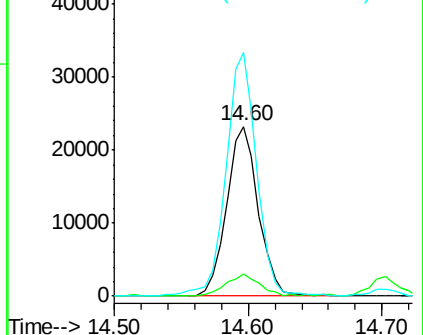
92 143.4 105.8 158.8

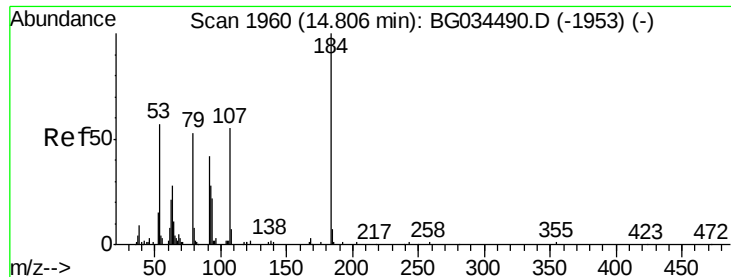


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

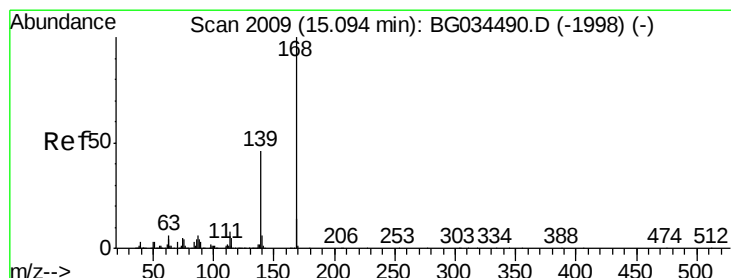
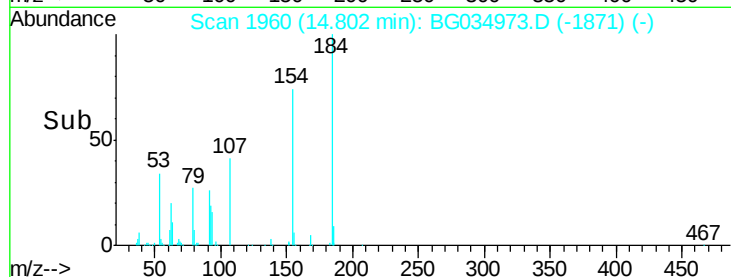
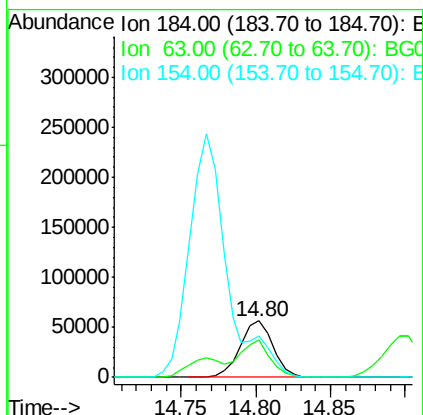
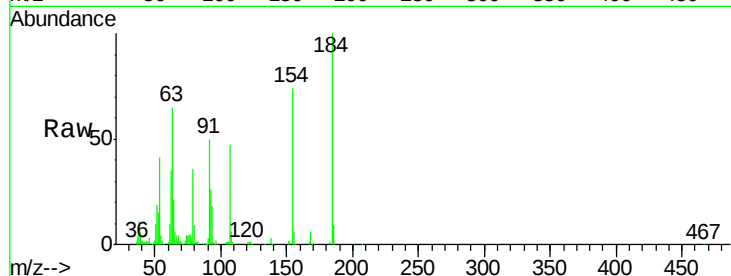




#53
 2,4-Dinitrophenol
 Concen: 92.52 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

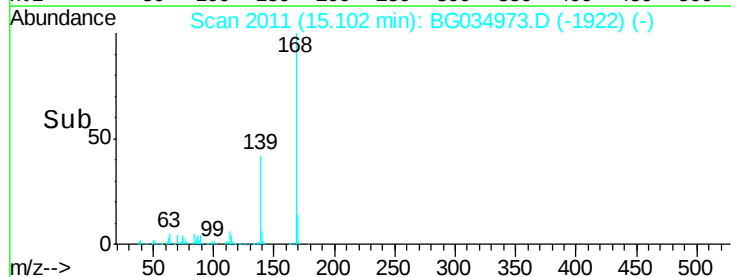
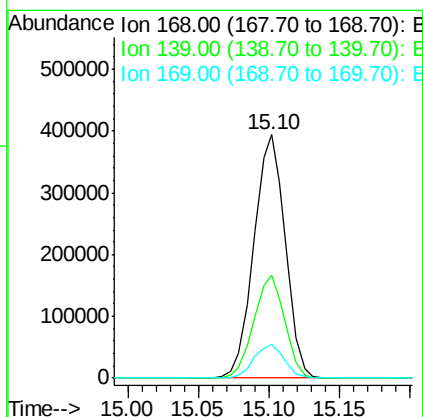
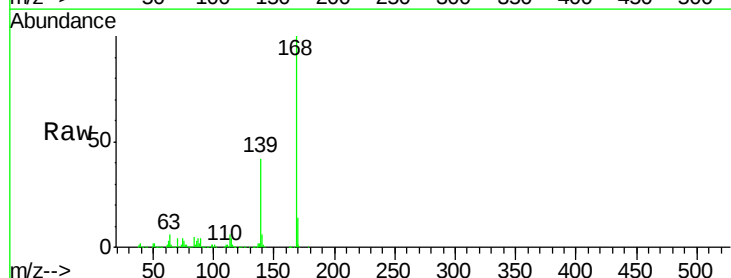
Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

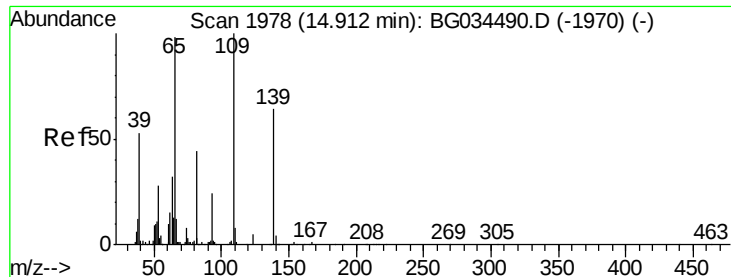
Tot Ion:184 Resp: 85514
 Ion Ratio Lower Upper
 184 100
 63 65.4 59.8 89.8
 154 74.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 42.82 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion:168 Resp: 613271
 Ion Ratio Lower Upper
 168 100
 139 42.0 28.6 43.0
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 101.86 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

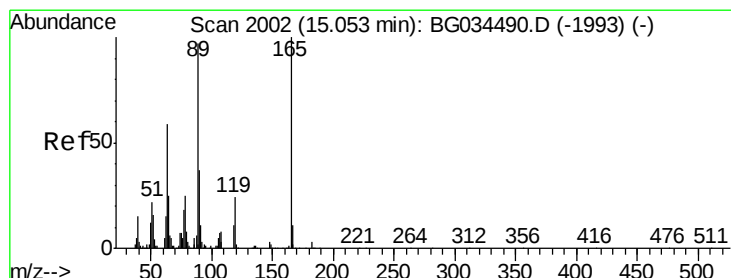
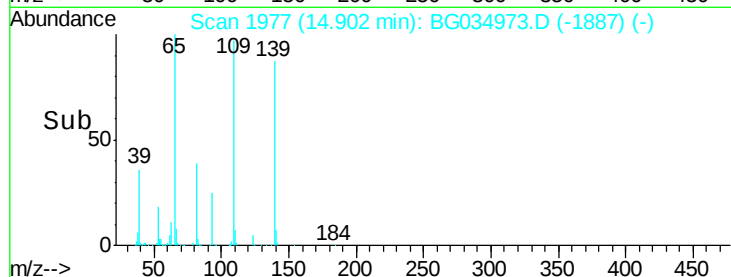
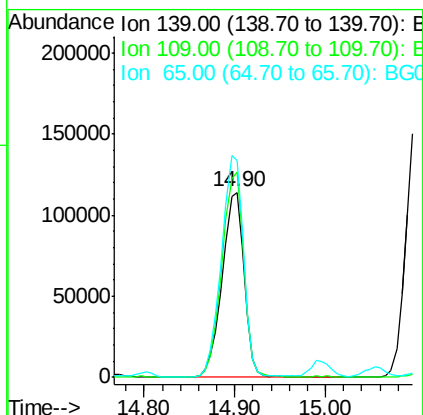
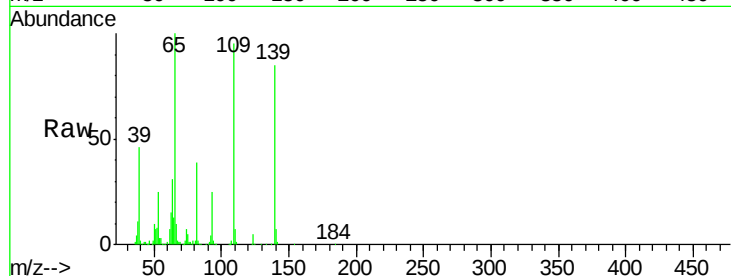
Tot Ion:139 Resp: 192652

Ion Ratio Lower Upper

139 100

109 111.2 62.2 102.2#

65 117.3 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 55.37 ng

RT: 15.05 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:165 Resp: 167981

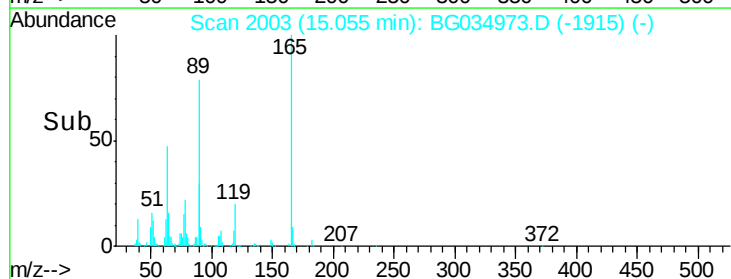
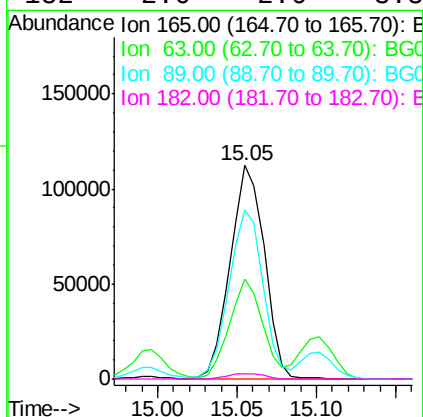
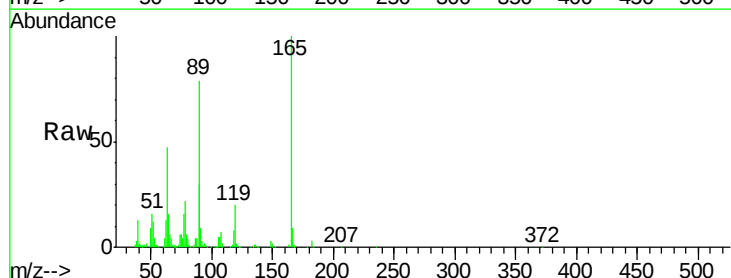
Ion Ratio Lower Upper

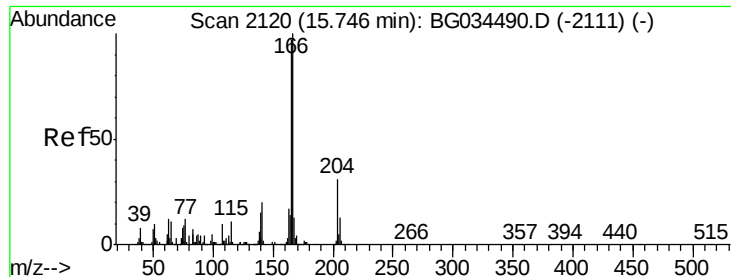
165 100

63 46.9 42.0 63.0

89 78.9 66.9 100.3

182 2.6 2.6 3.8





#57

Fluorene

Concen: 42.82 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

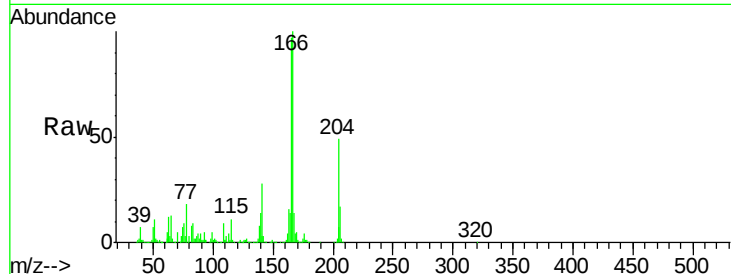
Tot Ion:166 Resp: 512517

Ion Ratio Lower Upper

166 100

165 96.8 80.6 121.0

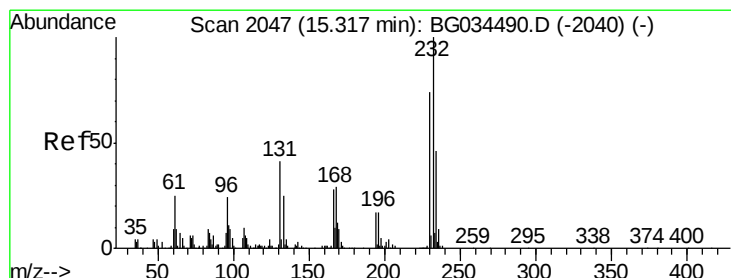
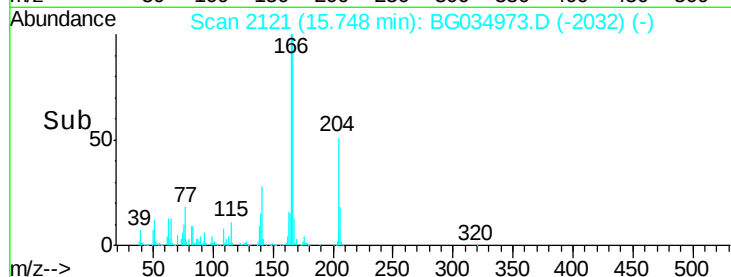
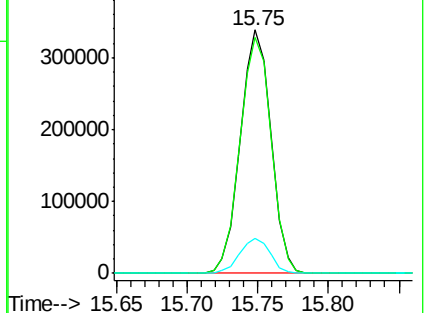
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.41 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:232 Resp: 178941

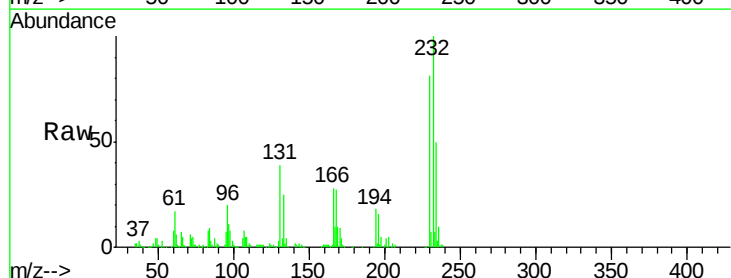
Ion Ratio Lower Upper

232 100

131 38.1 33.5 50.3

130 2.5 2.2 3.2

166 28.1 24.8 37.2

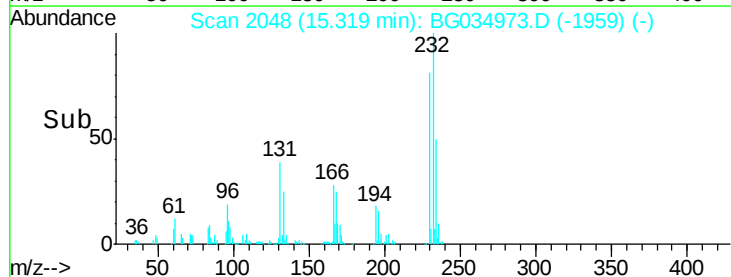
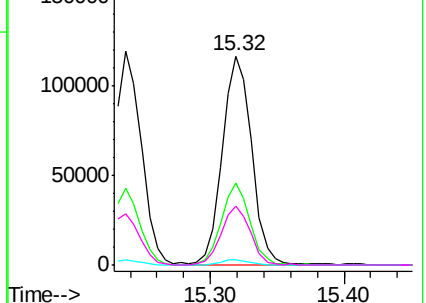


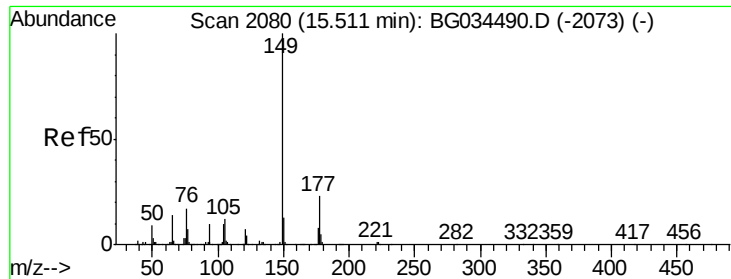
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.32 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

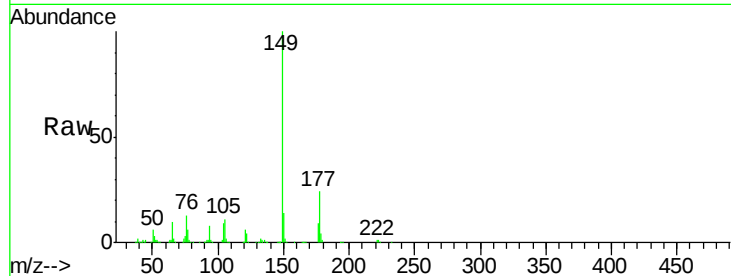
Tot Ion:149 Resp: 540525

Ion Ratio Lower Upper

149 100

177 23.8 18.5 27.7

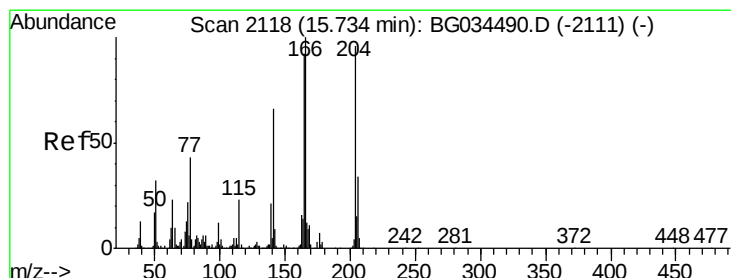
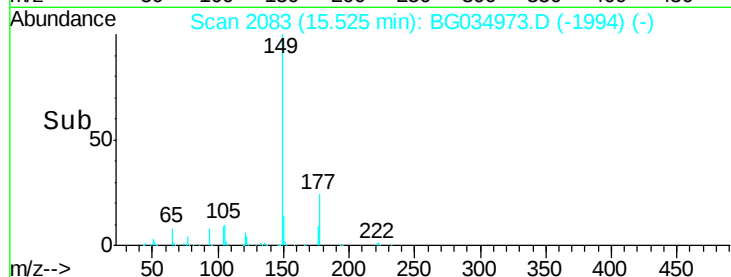
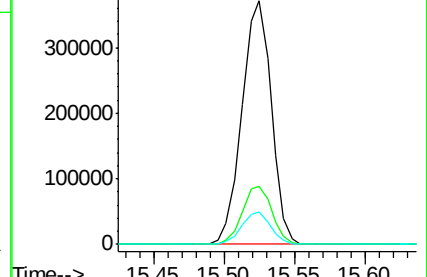
150 13.6 10.2 15.2



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: 43.09 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

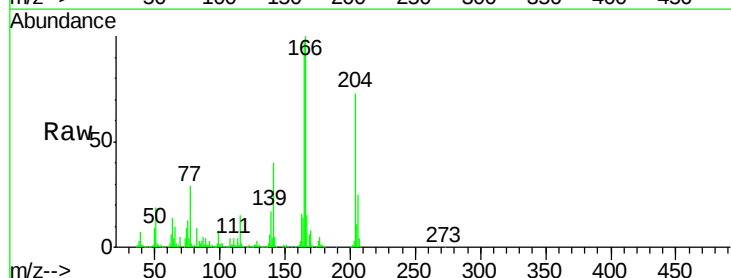
Tgt Ion:204 Resp: 294055

Ion Ratio Lower Upper

204 100

206 34.8 26.2 39.2

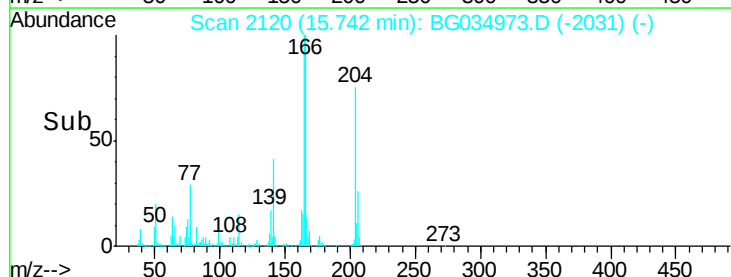
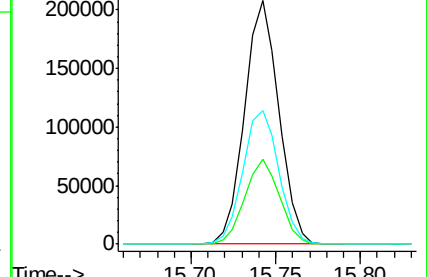
141 54.8 45.8 68.6

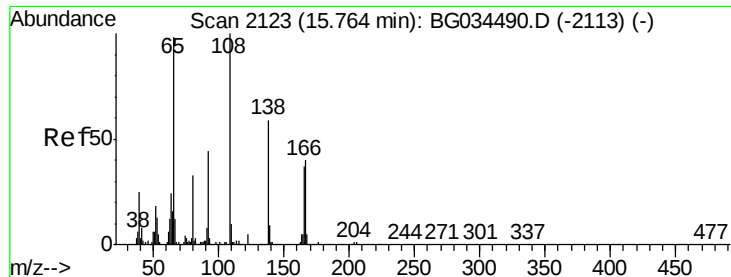


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

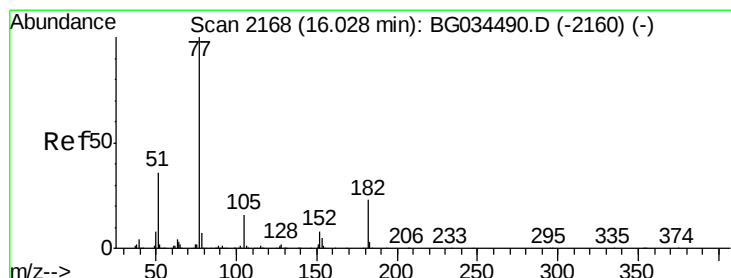
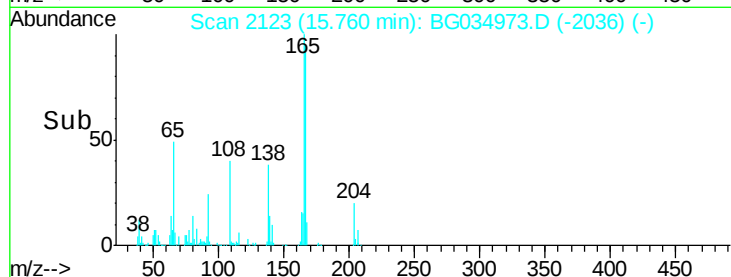
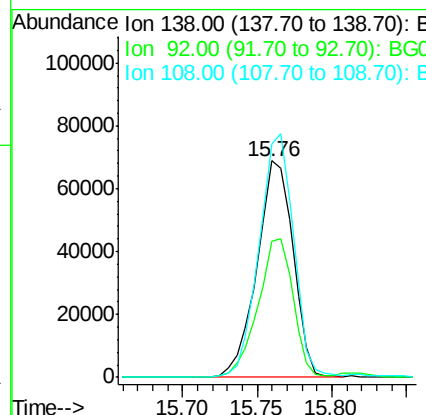
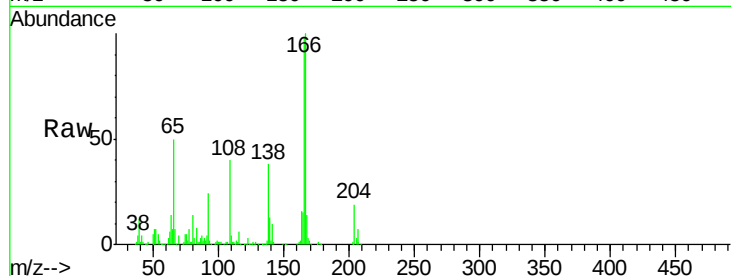




#61
4-Nitroaniline
Concen: 47.95 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

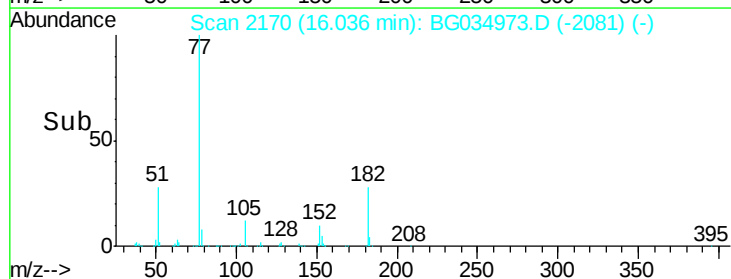
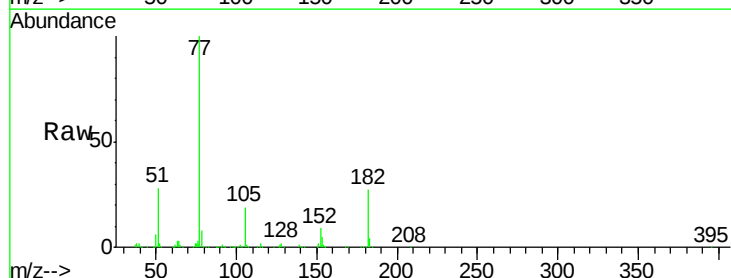
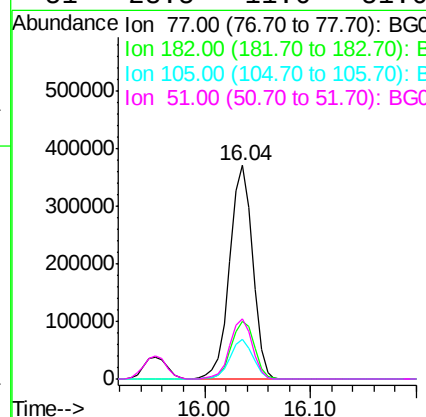
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

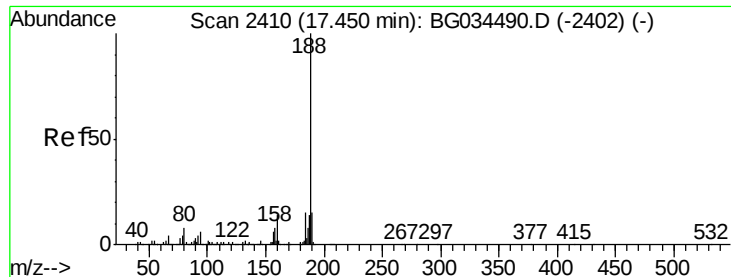
Tot Ion:138 Resp: 115238
Ion Ratio Lower Upper
138 100
92 62.7 40.1 80.1
108 107.9 65.4 105.4#



#62
Azobenzene
Concen: 44.36 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion: 77 Resp: 555197
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 18.8 0.3 40.3
51 28.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

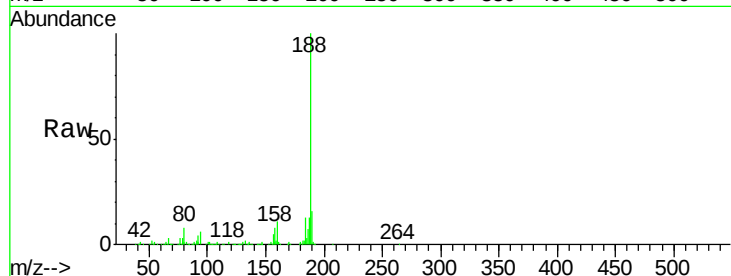
Tot Ion:188 Resp: 366773

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

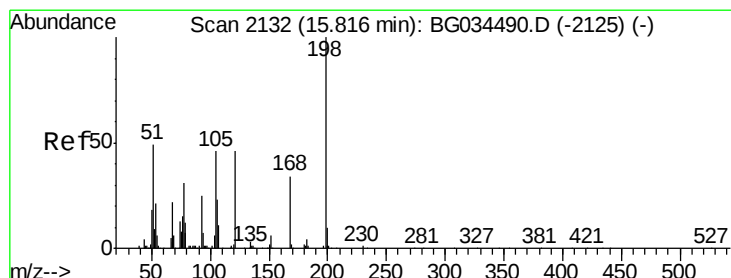
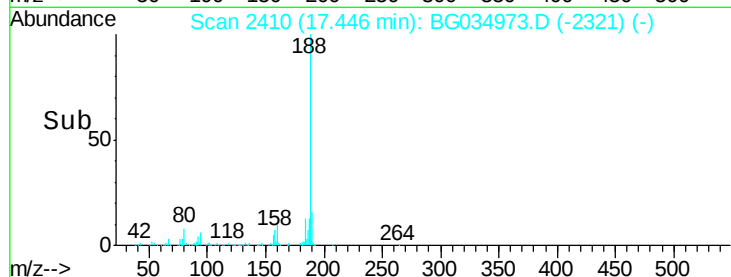
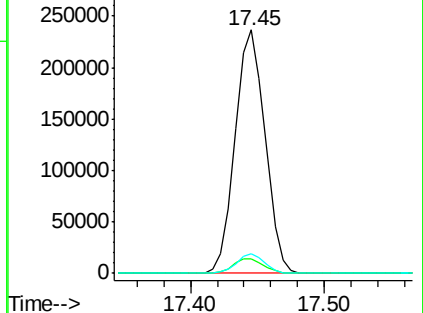
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.18 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

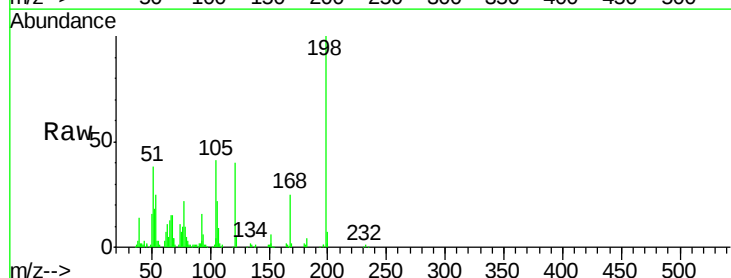
Tgt Ion:198 Resp: 75659

Ion Ratio Lower Upper

198 100

51 37.6 30.6 70.6

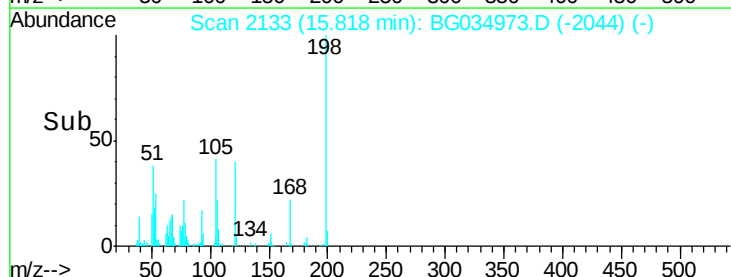
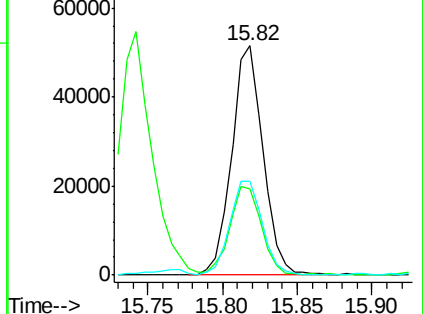
105 40.7 23.8 63.8

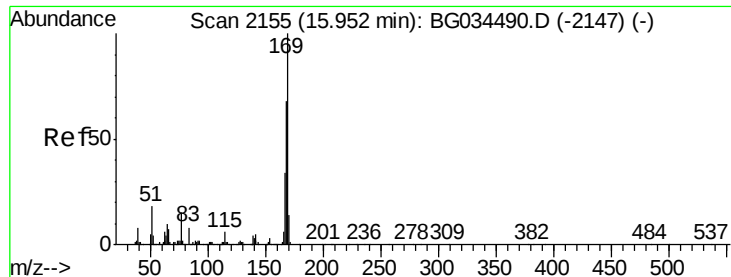


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.79 ng

RT: 15.95 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

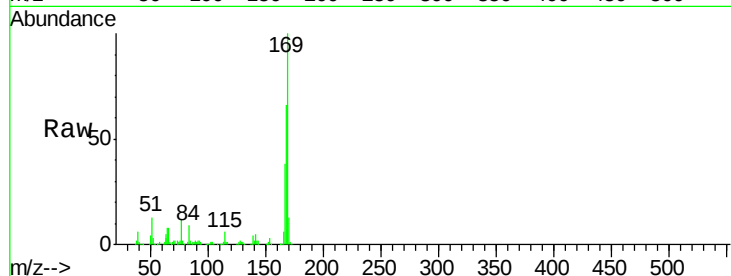
Tot Ion:169 Resp: 460285

Ion	Ratio	Lower	Upper
169	100		
168	66.3	55.7	83.5
167	38.0	30.1	45.1

169 100

168 66.3 55.7 83.5

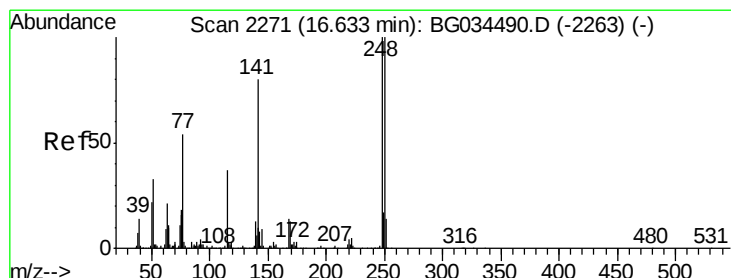
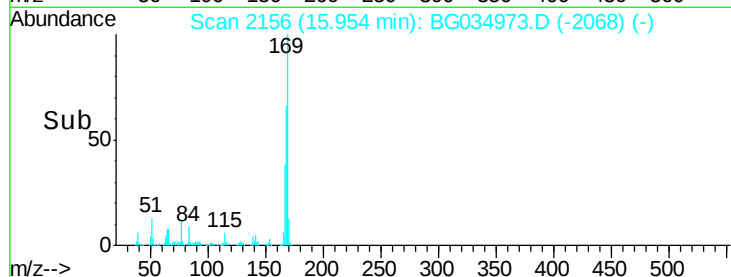
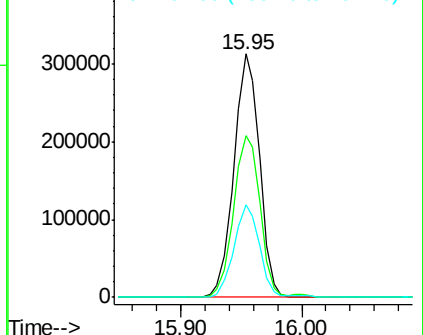
167 38.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.17 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

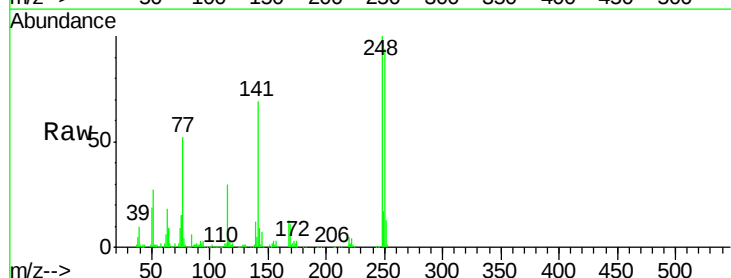
Tgt Ion:248 Resp: 199502

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.1	115.7
141	69.4	50.8	76.2

248 100

250 94.4 77.1 115.7

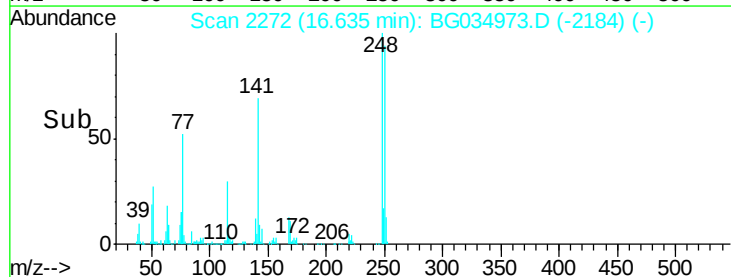
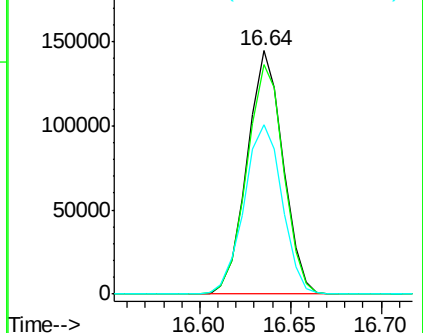
141 69.4 50.8 76.2

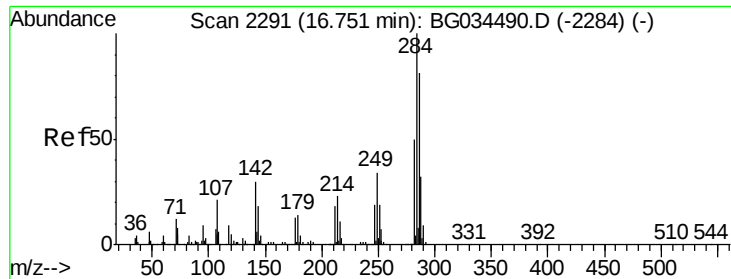


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

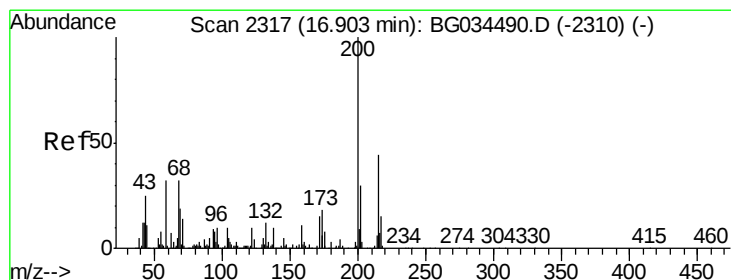
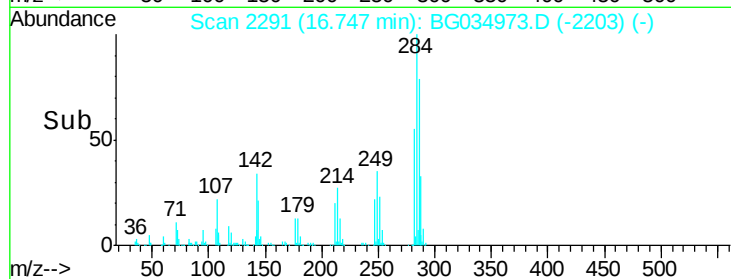
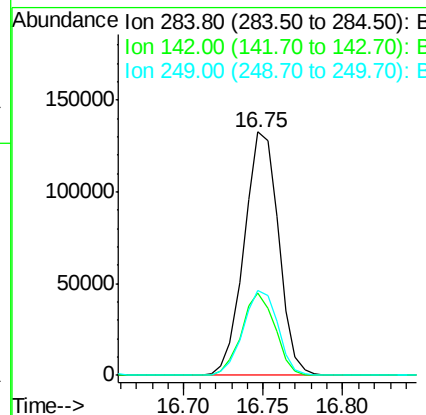
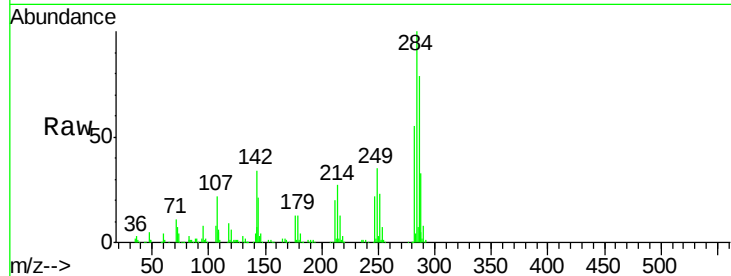




#67
Hexachlorobenzene
Concen: 44.40 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

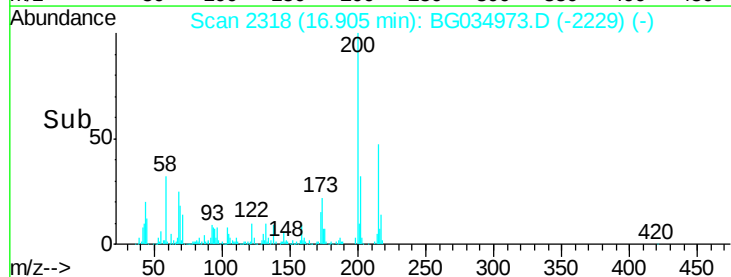
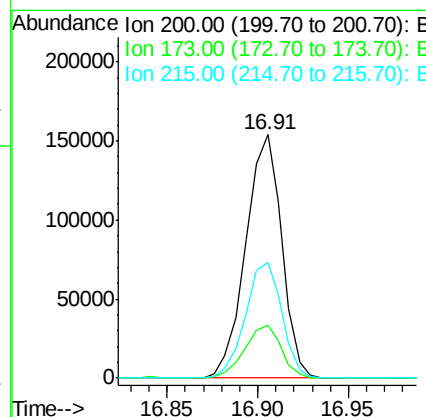
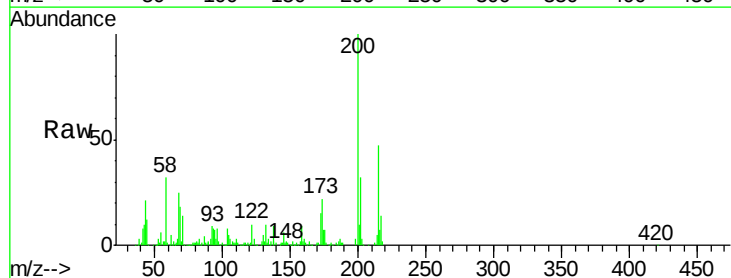
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

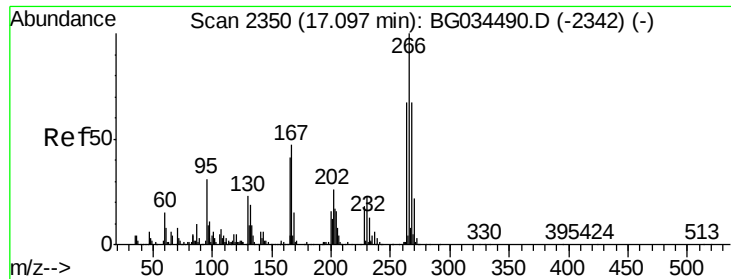
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.8	40.2
249	35.1	26.3	39.5



#68
Atrazine
Concen: 45.11 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.9	5.2	45.2
215	47.2	30.4	70.4

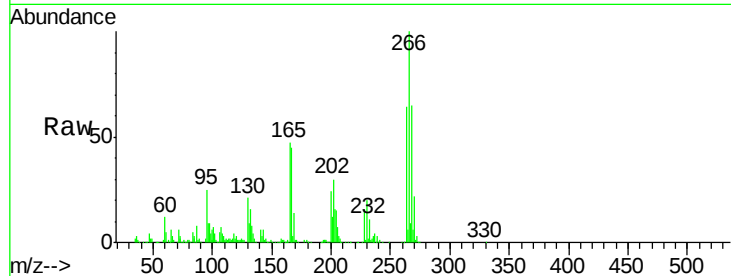




#69
 Pentachlorophenol
 Concen: 81.12 ng
 RT: 17.09 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.7	49.6	74.4

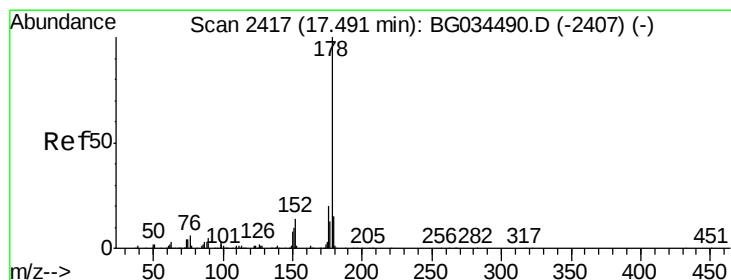
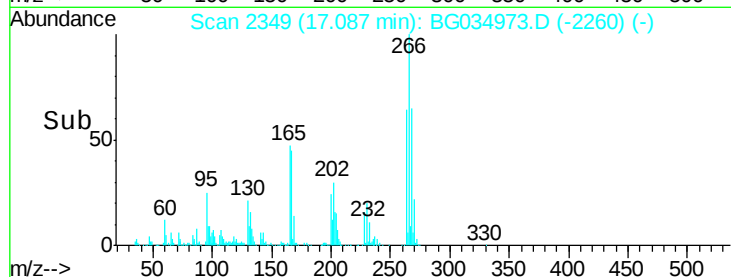
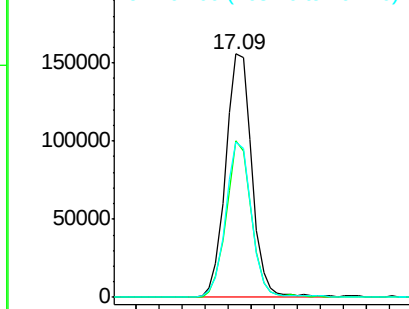


Abundance

Ion 265.70 (265.40 to 266.40): E

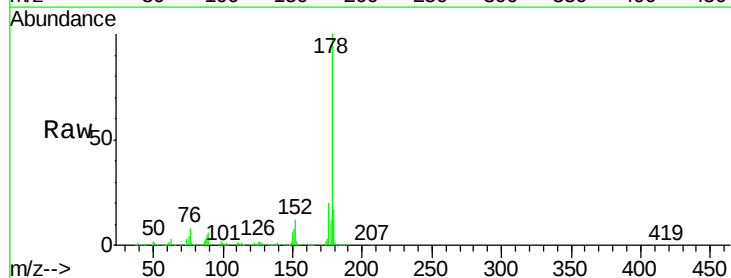
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.41 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.8	12.5	18.7

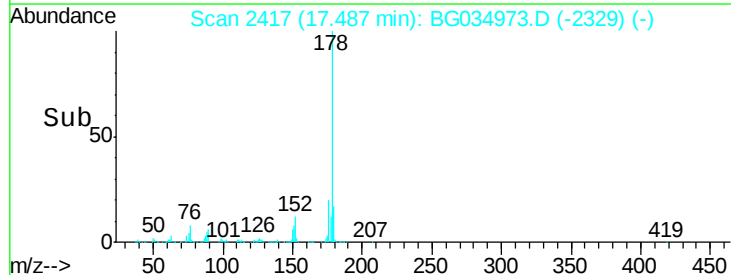
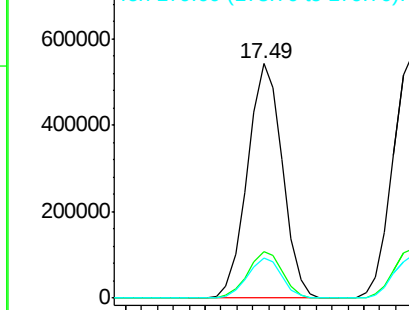


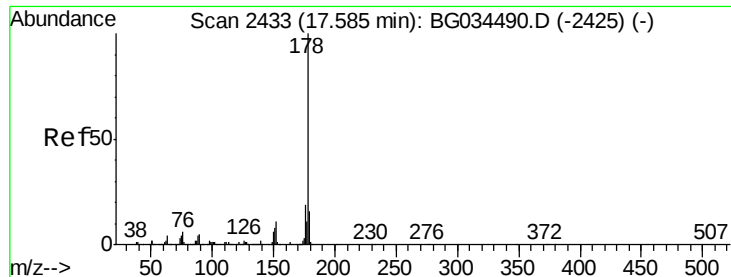
Abundance

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: 45.27 ng

RT: 17.58 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

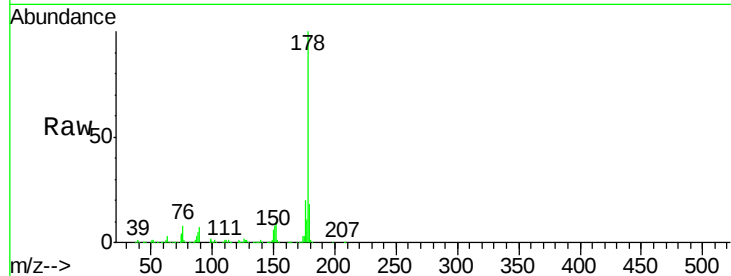
Tot Ion:178 Resp: 844822

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

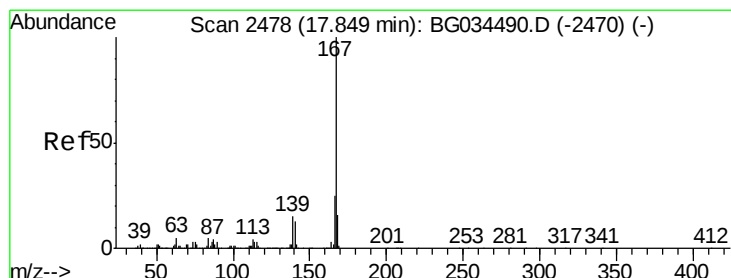
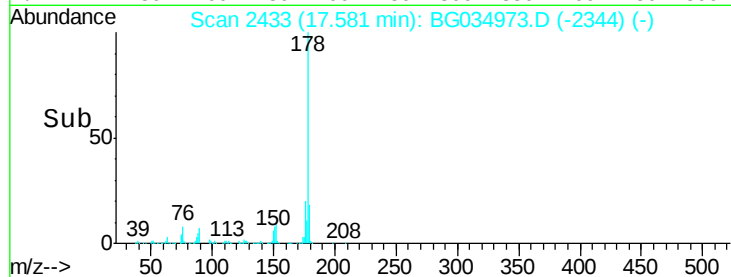
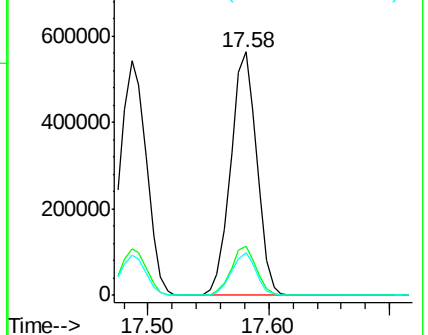
179 17.6 12.5 18.7



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: 45.00 ng

RT: 17.85 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

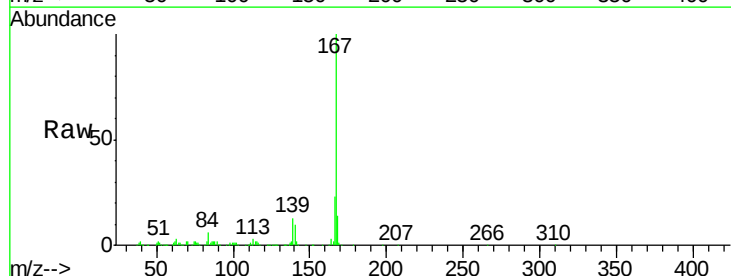
Tgt Ion:167 Resp: 779244

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

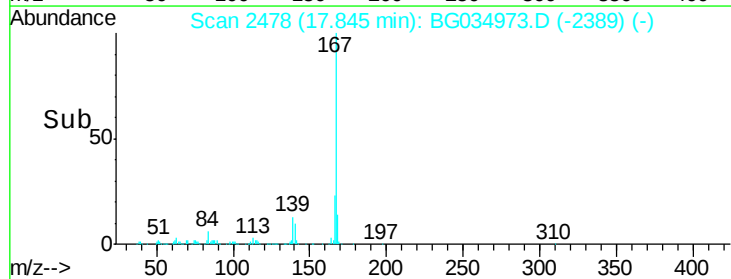
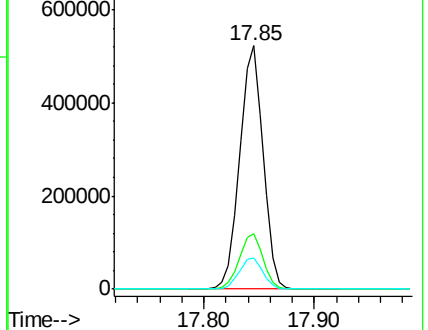
139 12.6 9.4 14.2

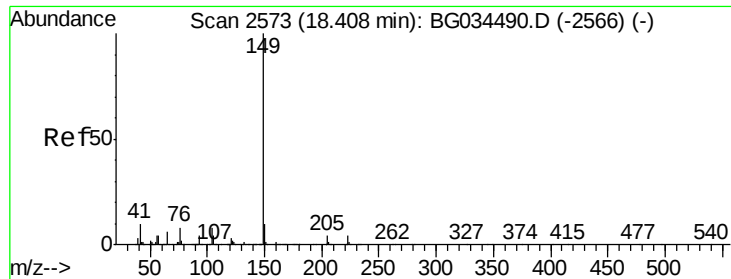


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 18.41 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

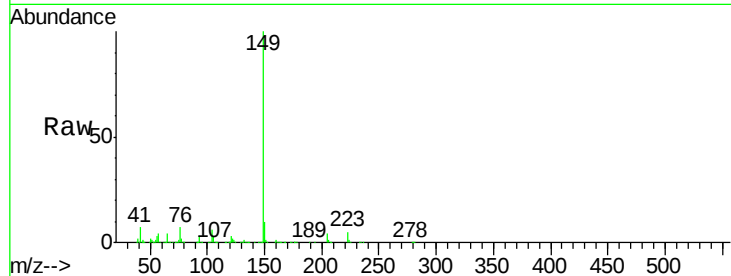
Tot Ion:149 Resp: 887067

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

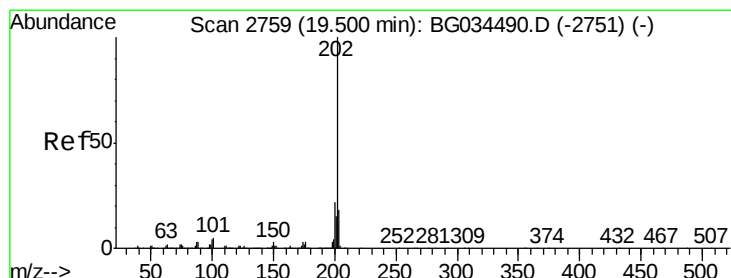
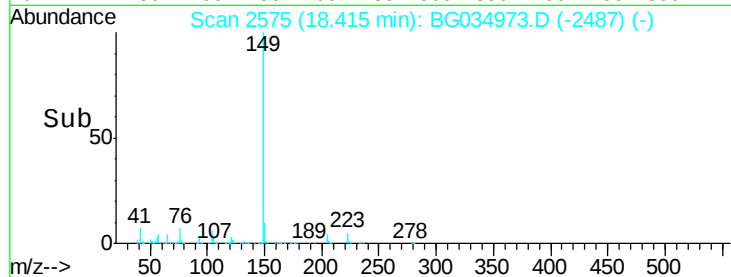
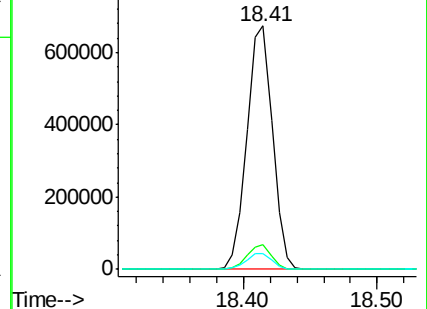
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.18 ng

RT: 19.49 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

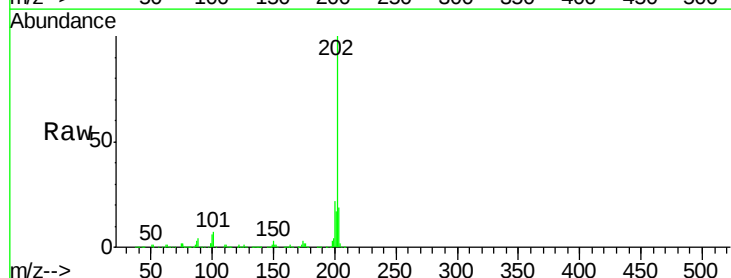
Tgt Ion:202 Resp: 1071121

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

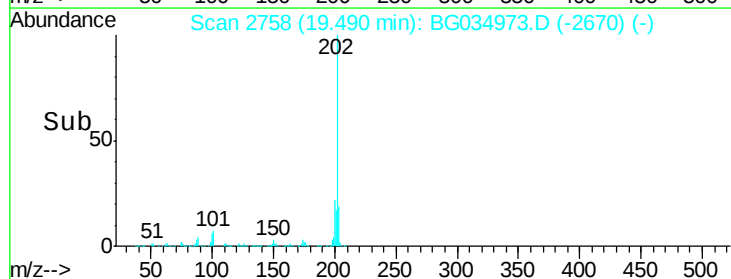
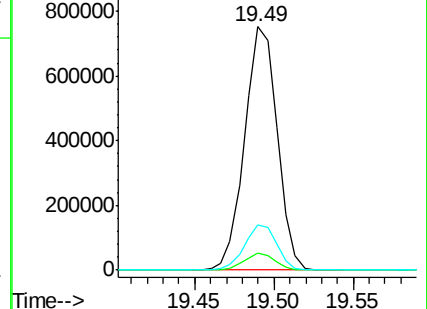
203 18.7 0.0 37.5

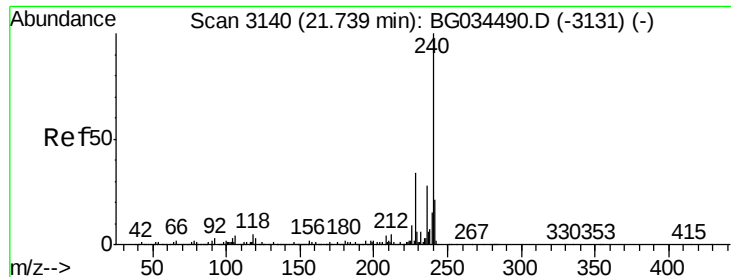


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

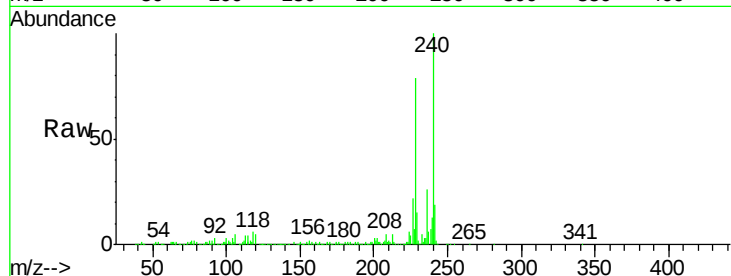
Tot Ion:240 Resp: 372299

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

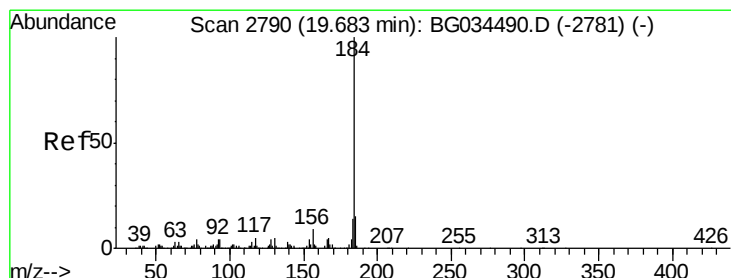
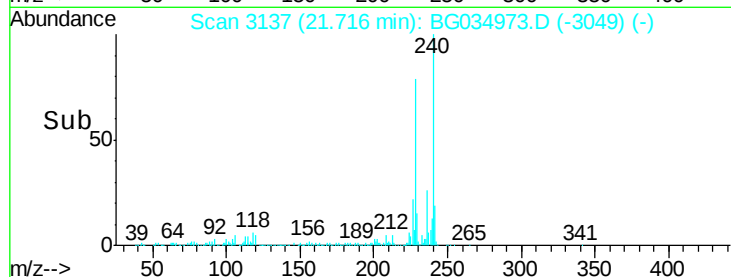
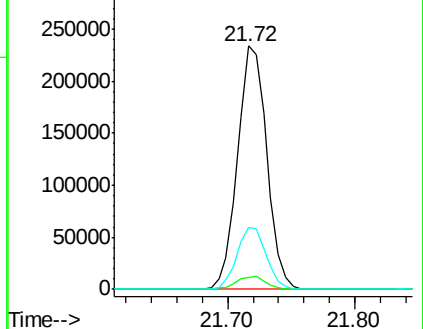
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.78 ng

RT: 19.67 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

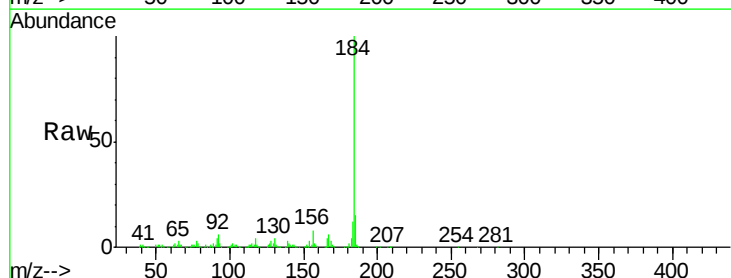
Tgt Ion:184 Resp: 315537

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

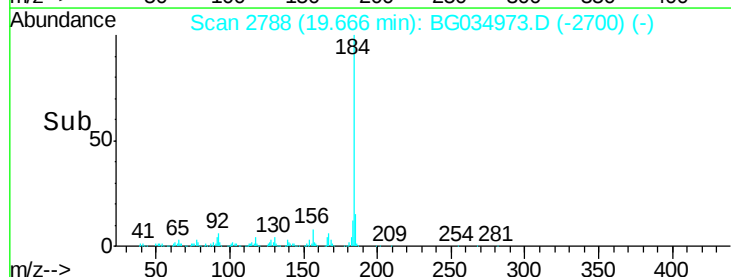
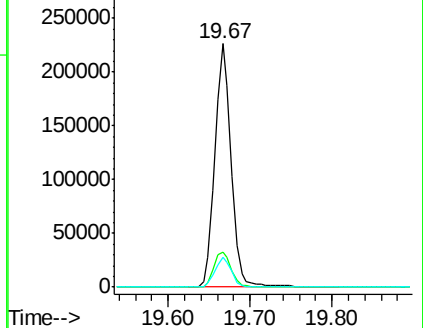
183 12.1 10.6 16.0

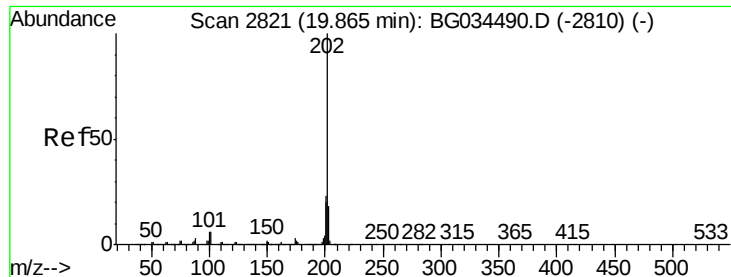


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

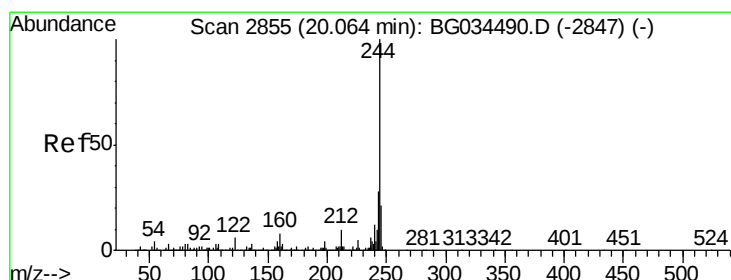
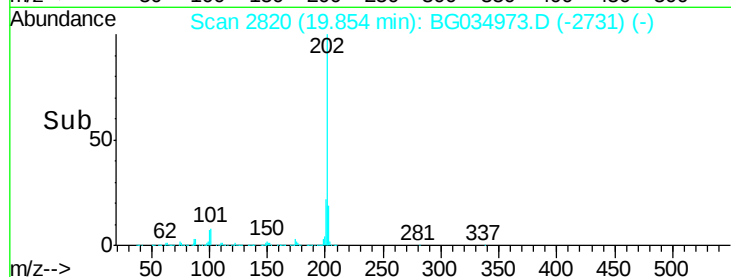
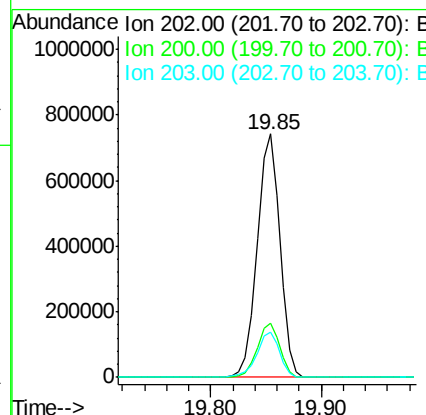
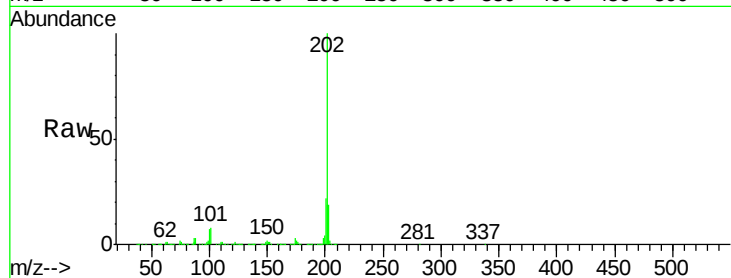




#77
Pvrene
Concen: 43.68 ng
RT: 19.85 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

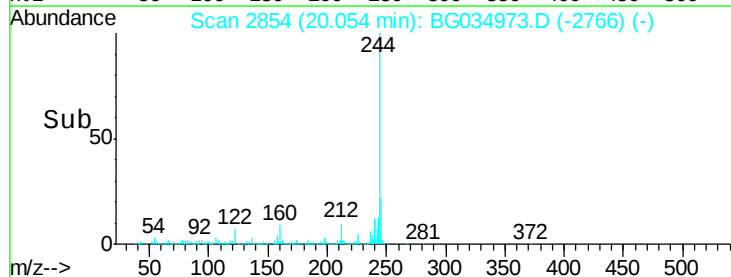
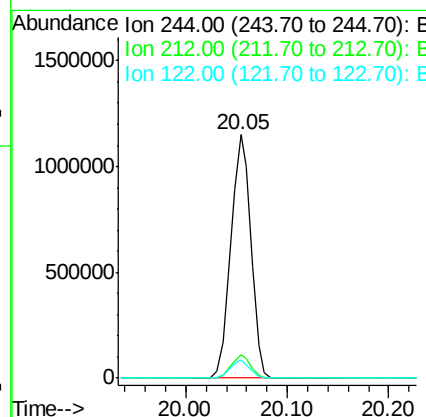
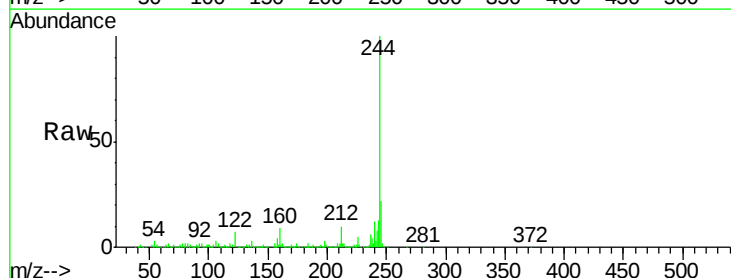
Instrument :
BNA_G
ClientSampleId :
PB110005BSD

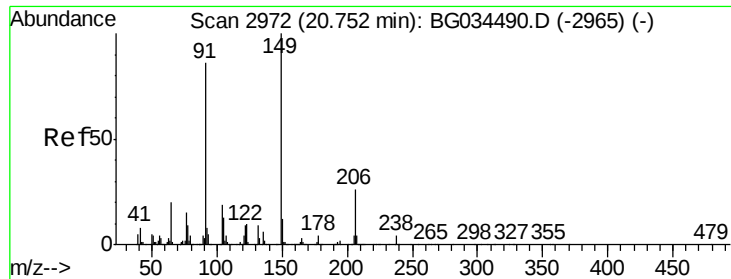
Tot Ion:202 Resp: 1072099
Ion Ratio Lower Upper
202 100
200 22.4 16.9 25.3
203 18.7 13.9 20.9



#78
Terphenyl-d14
Concen: 88.49 ng
RT: 20.05 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion:244 Resp: 1572864
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.8#
122 7.4 7.0 10.4





#79

Butylbenzylphthalate

Concen: 45.70 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

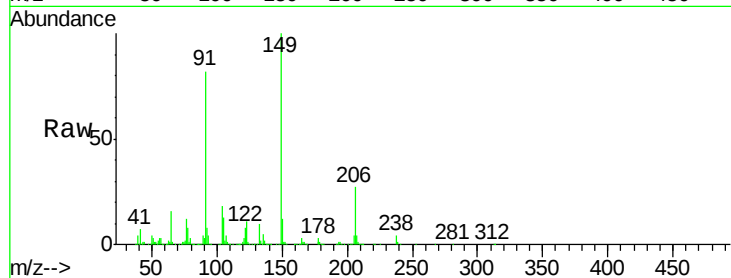
Tot Ion:149 Resp: 407272

Ion Ratio Lower Upper

149 100

91 81.5 62.2 93.2

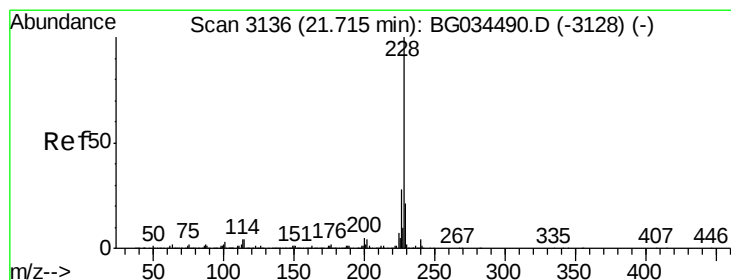
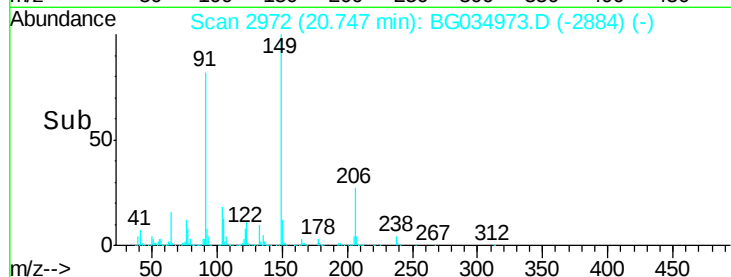
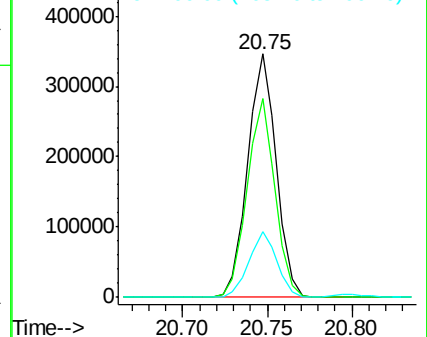
206 26.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.05 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

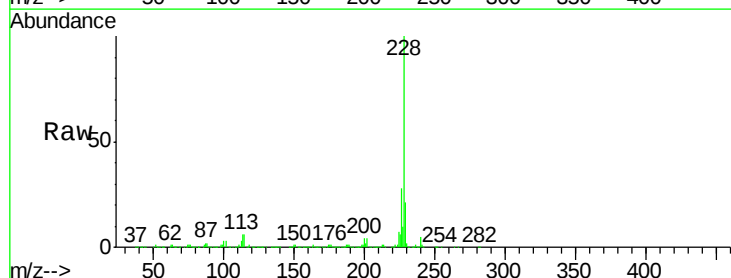
Tgt Ion:228 Resp: 1071757

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

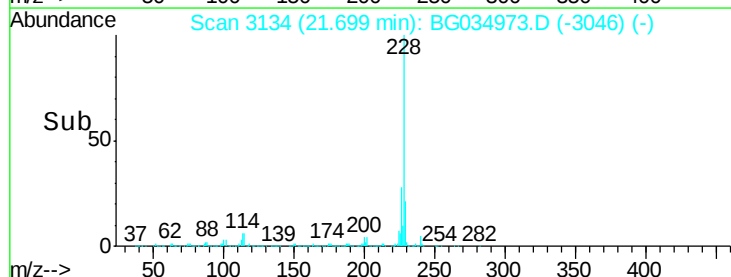
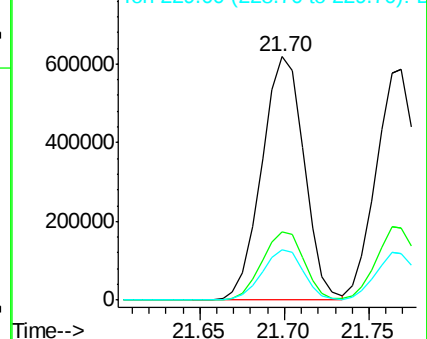
229 20.5 16.2 24.2

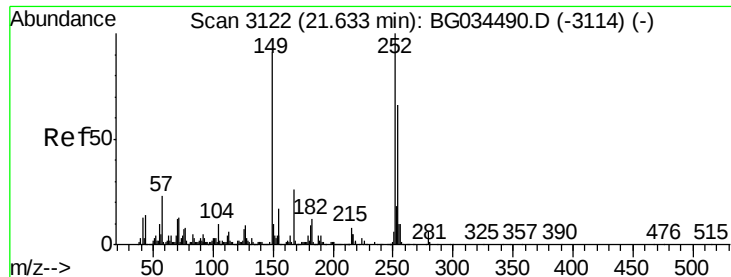


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

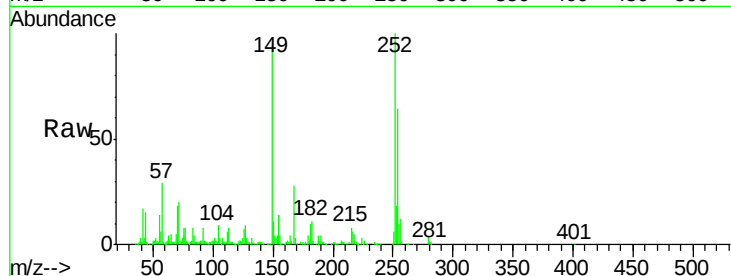




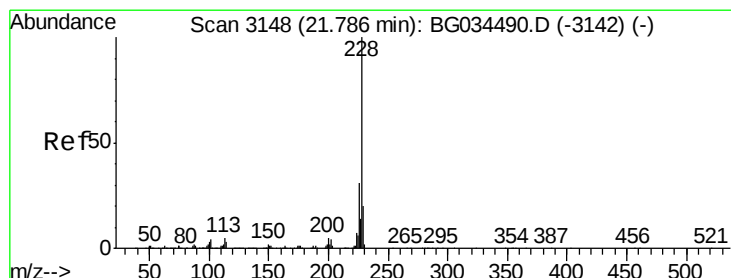
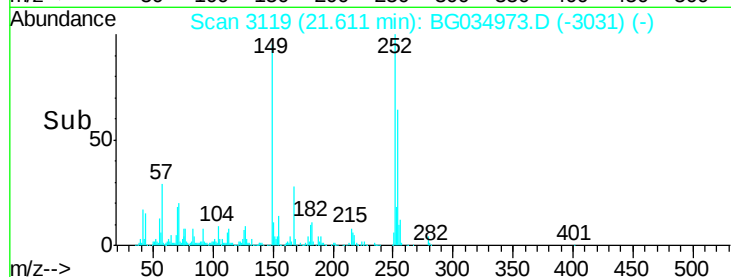
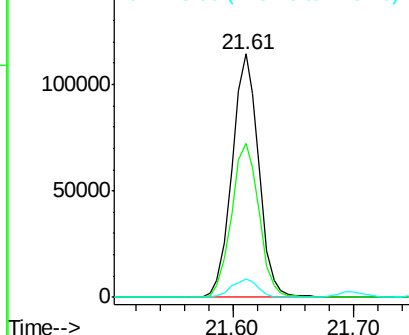
#81
 3,3'-Dichlorobenzidine
 Concen: 19.57 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

Tot Ion:252 Resp: 175131
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 7.3 7.4 11.2#

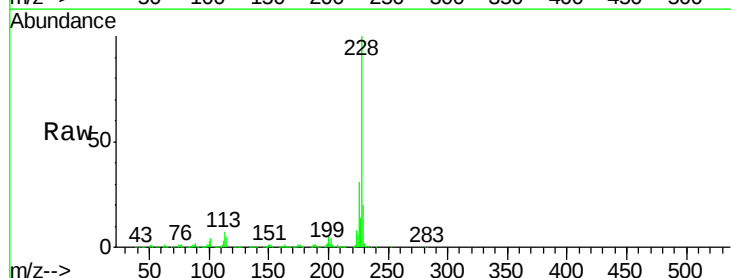


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

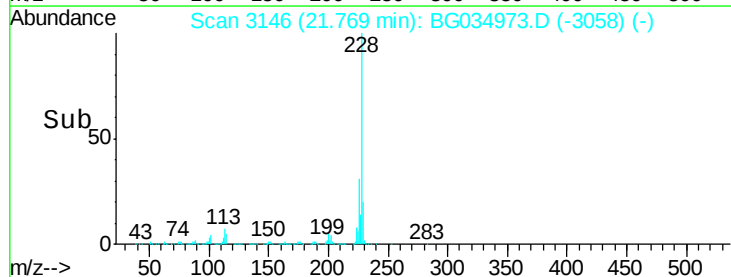
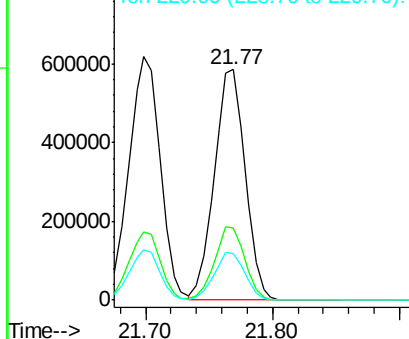


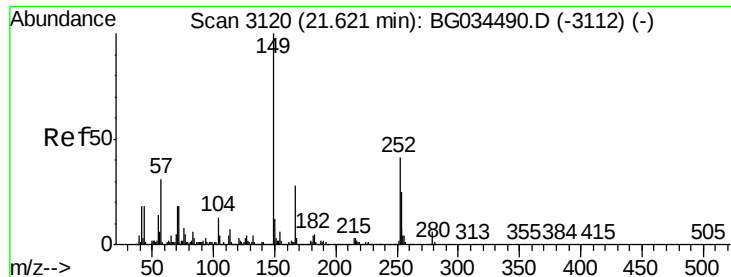
#82
 Chrysene
 Concen: 45.42 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion:228 Resp: 989381
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.4 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: 44.92 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

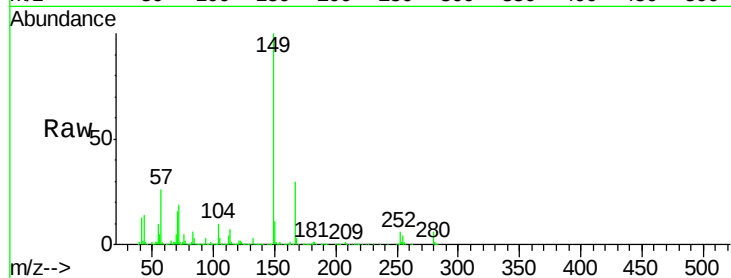
BNA_G

ClientSampleId :

PB110005BSD

Tot Ion:149 Resp: 565694

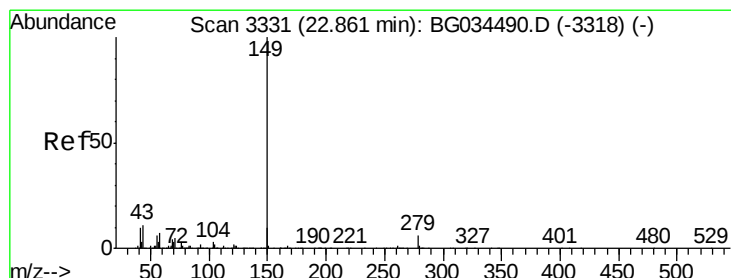
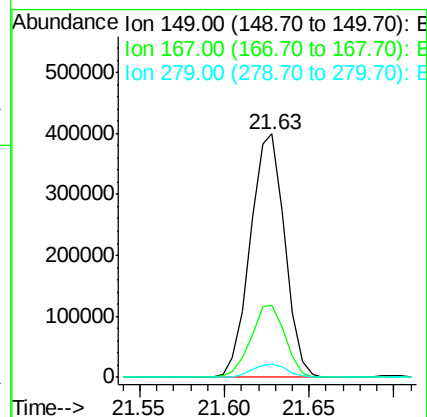
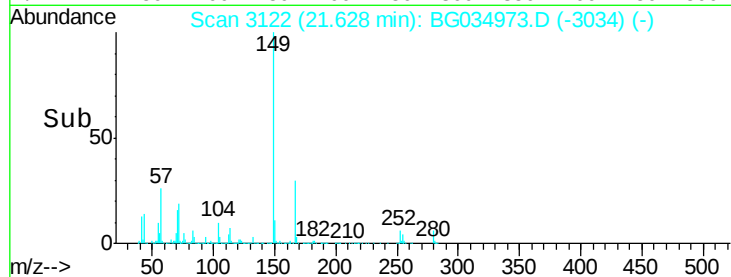
Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.7	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.46 ng

RT: 22.86 min Scan# 3331

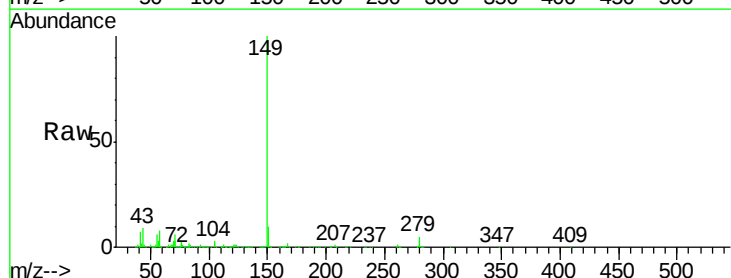
Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:149 Resp: 982064

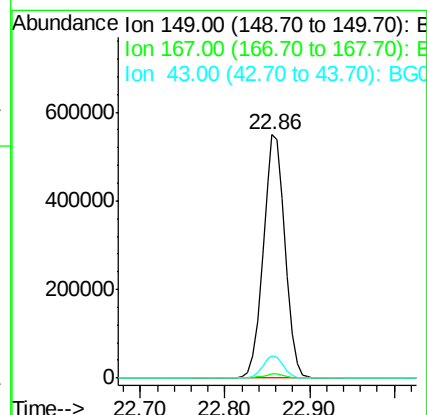
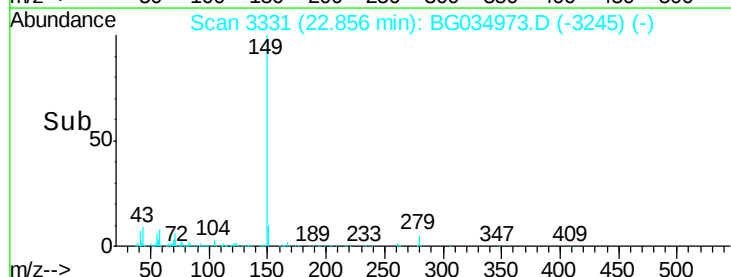
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	8.9	13.3#

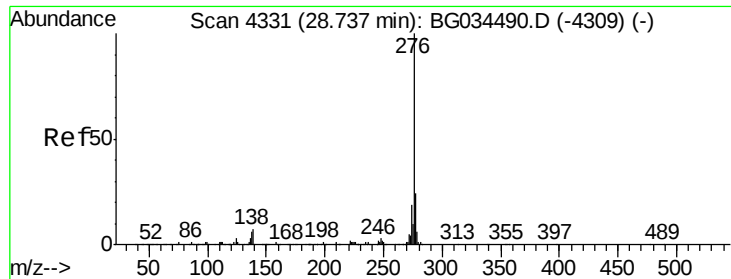


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

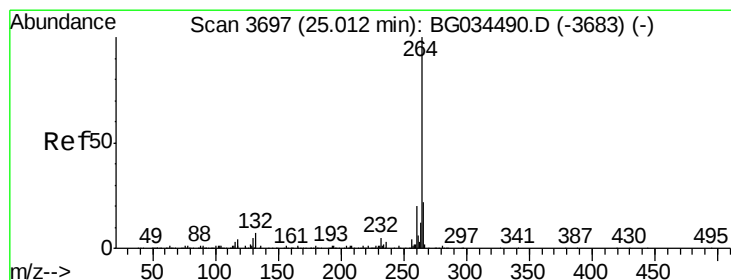
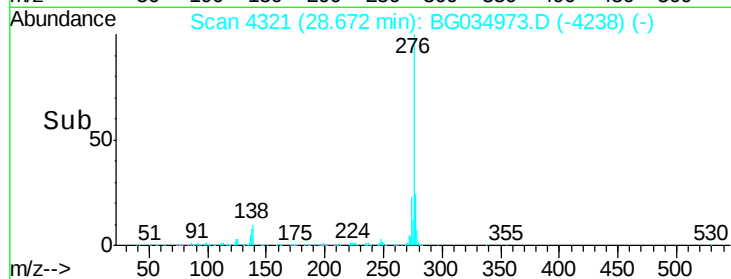
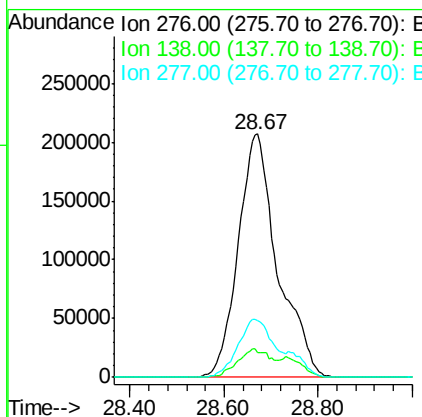
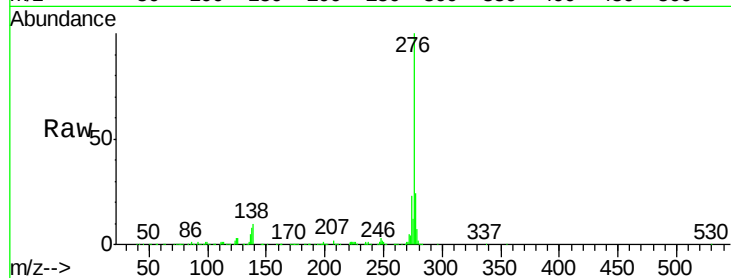




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.29 ng
 RT: 28.67 min Scan# 4321
 Delta R.T. -0.04 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

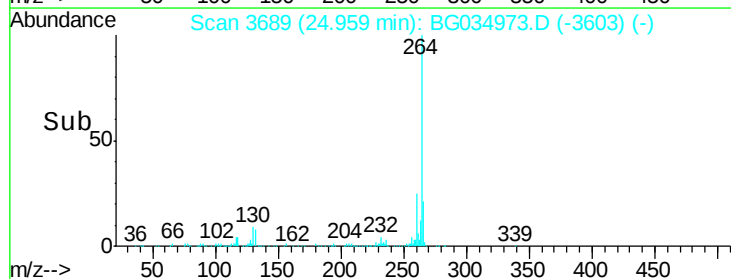
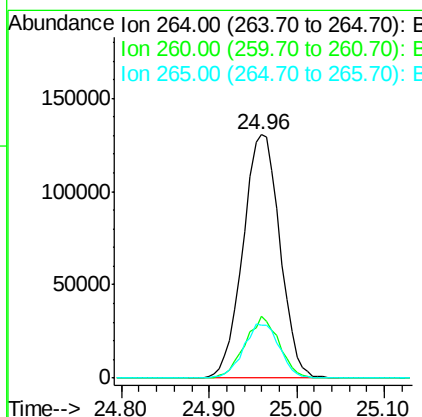
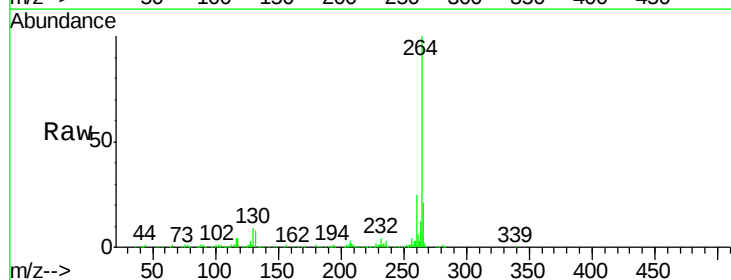
Instrument :
 BNA_G
 ClientSampleId :
 PB110005BSD

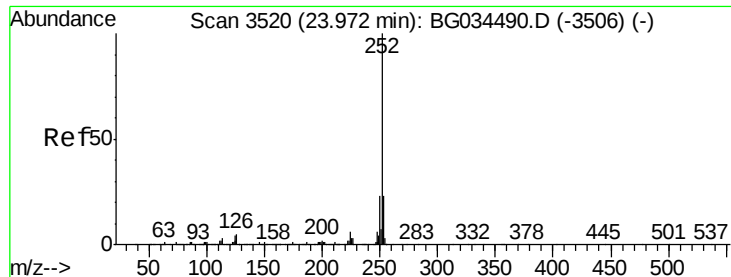
Tot Ion:276 Resp: 1206403
 Ion Ratio Lower Upper
 276 100
 138 9.8 16.0 24.0#
 277 21.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.96 min Scan# 3689
 Delta R.T. -0.02 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion:264 Resp: 373269
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.4 26.0
 265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 46.62 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

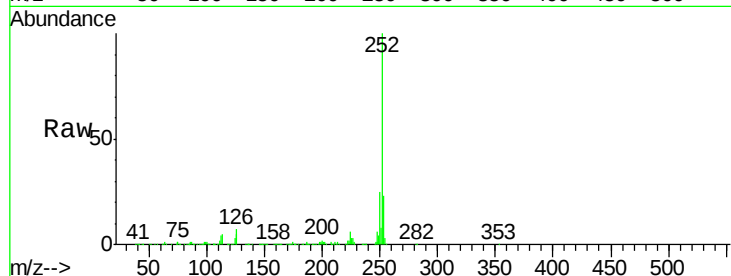
Tot Ion:252 Resp: 1071620

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

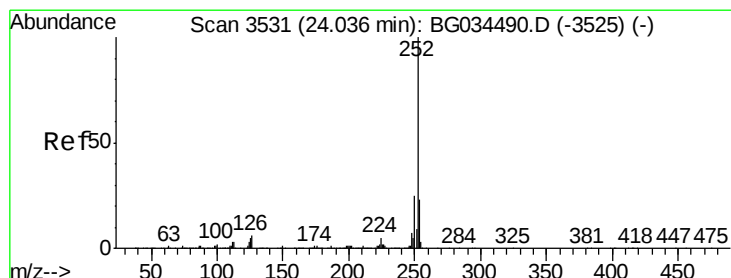
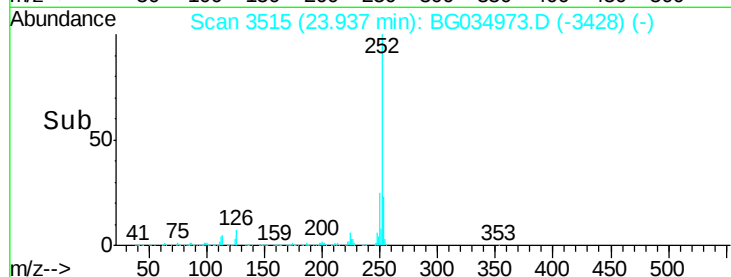
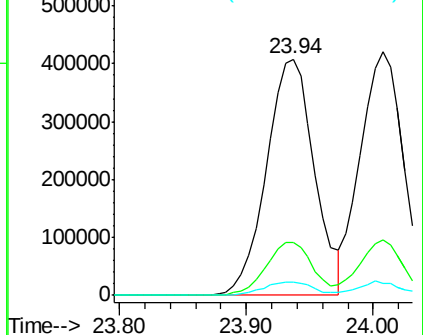
125 5.4 7.2 10.8#



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: 43.91 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

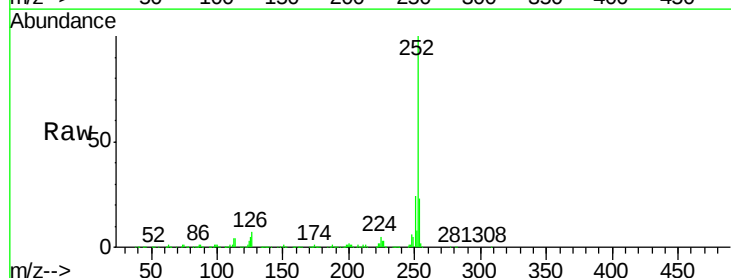
Tgt Ion:252 Resp: 987430

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

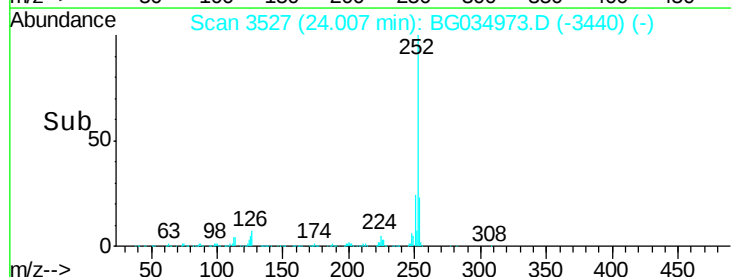
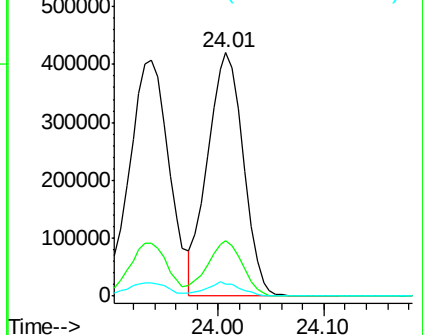
125 4.8 6.6 9.8#

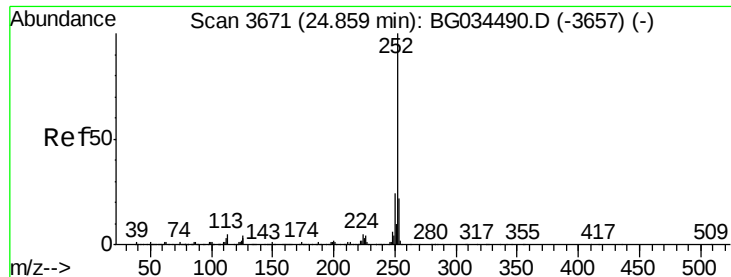


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.51 ng

RT: 24.81 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

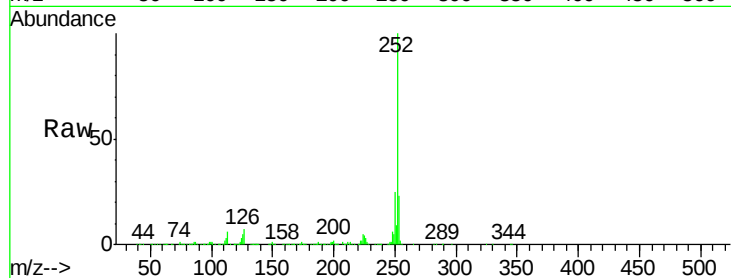
BNA_G

ClientSampleId :

PB110005BSD

Tot Ion:252 Resp: 1027726

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.4	7.3	10.9#

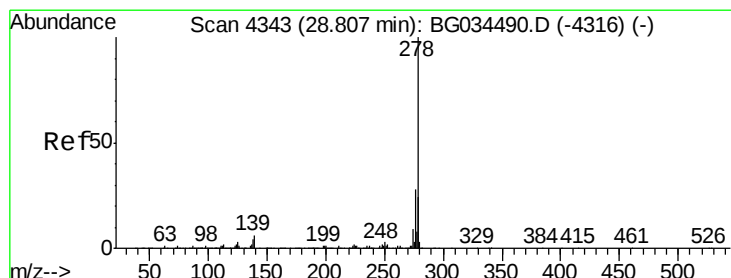
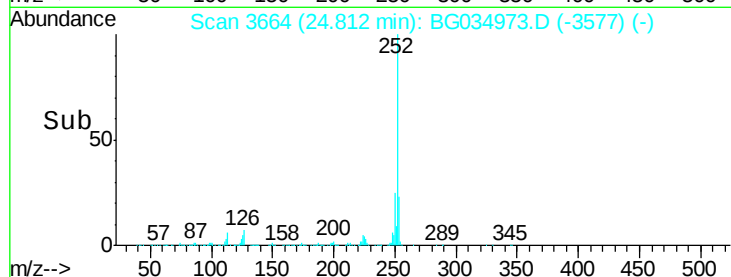
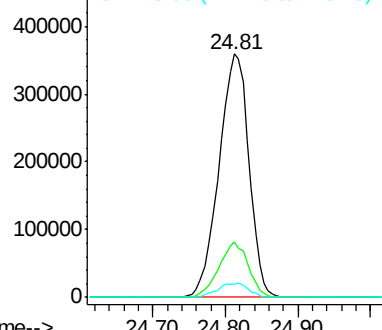


Abundance

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: 45.61 ng

RT: 28.74 min Scan# 4332

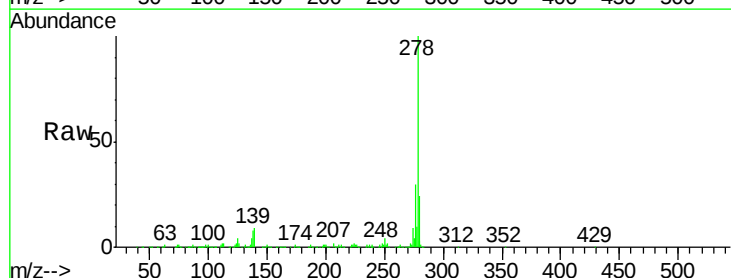
Delta R.T. -0.05 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:278 Resp: 973817

Ion	Ratio	Lower	Upper
278	100		
139	8.9	9.8	14.6#
279	23.5	18.4	27.6

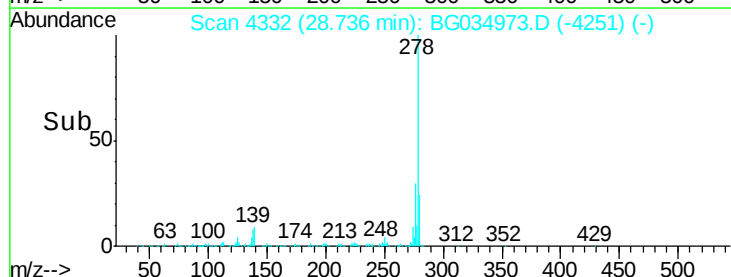
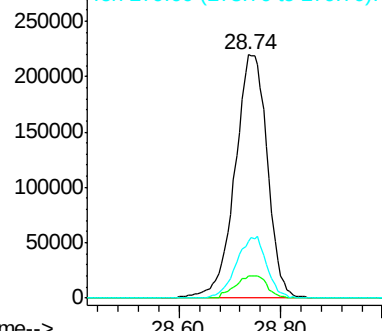


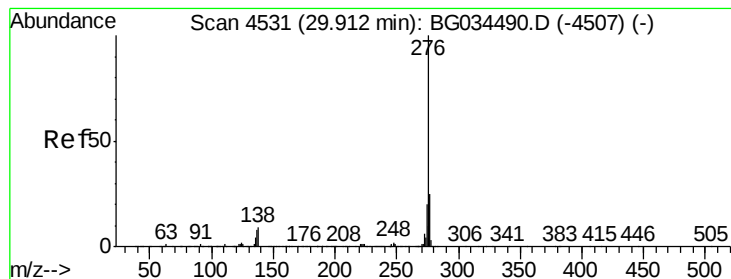
Abundance

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: 47.64 ng

RT: 29.82 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampleId :

PB110005BSD

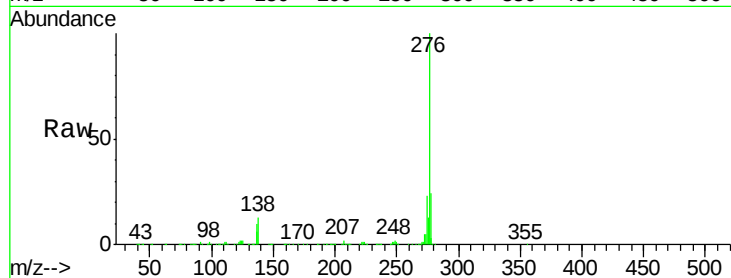
Tot Ion:276 Resp: 995554

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 13.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

