

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034499.D
 Acq On : 16 May 2018 21:54
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 17 03:18:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46476	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	214665	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	159751	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	406258	20.00	ng	0.00
75) Chrysene-d12	21.74	240	412357	20.00	ng	0.00
86) Perylene-d12	25.00	264	441029	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	258422	85.64	ng	0.00
7) Phenol-d6	7.21	99	398052	81.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	466988	83.10	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	227001	82.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	943528	80.18	ng	0.00
78) Terphenyl-d14	20.06	244	1498763	79.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	52208	42.124	ng	# 76
3) Pyridine	3.92	79	169203	42.331	ng	# 81
4) n-Nitrosodimethylamine	3.84	42	100522	42.997	ng	# 73
6) Aniline	7.37	93	252558	39.635	ng	95
8) 2-Chlorophenol	7.61	128	128258	40.193	ng	99
9) Benzaldehyde	7.18	77	141703	42.014	ng	93
10) Phenol	7.24	94	201248	41.340	ng	80
11) bis(2-Chloroethyl)ether	7.46	93	152566	41.485	ng	88
12) 1,3-Dichlorobenzene	7.94	146	153830	40.964	ng	# 88
13) 1,4-Dichlorobenzene	8.08	146	154054	40.289	ng	93
14) 1,2-Dichlorobenzene	8.40	146	151628	40.400	ng	93
15) Benzyl Alcohol	8.28	79	218141	43.671	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171335	41.049	ng	85
17) 2-Methylphenol	8.49	107	132471	40.507	ng	# 84
18) Hexachloroethane	9.13	117	66008	41.033	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	159320	39.850	ng	98
20) 3+4-Methylphenols	8.82	107	186910	40.994	ng	# 83
22) Acetophenone	8.87	105	267544	39.012	ng	# 93
24) Nitrobenzene	9.26	77	241314	41.374	ng	# 89
25) Isophorone	9.78	82	450990	41.404	ng	# 93
26) 2-Nitrophenol	9.96	139	82895	39.801	ng	# 59
27) 2,4-Dimethylphenol	10.03	122	150343	41.284	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	217620	39.695	ng	96
29) 2,4-Dichlorophenol	10.51	162	162381	42.759	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	177017	39.203	ng	97
31) Naphthalene	10.91	128	447584	40.102	ng	99
32) Benzoic acid	10.17	122	109768	42.564	ng	# 91
33) 4-Chloroaniline	11.02	127	206788	42.483	ng	# 89
34) Hexachlorobutadiene	11.20	225	141193	39.358	ng	95
35) Caprolactam	11.79	113	61957	42.915	ng	# 78
36) 4-Chloro-3-methylphenol	12.14	107	212087	41.448	ng	90
37) 2-Methylnaphthalene	12.52	142	365312	40.529	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	243753	40.601	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	182285	38.774	ng	91

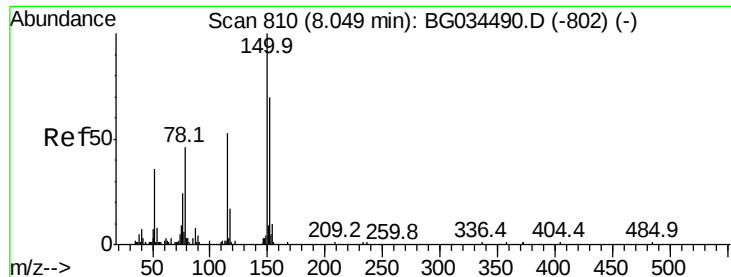
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	155319	41.584	nq	96
43) 2,4,5-Trichlorophenol	13.20	196	163325	39.853	nq #	91
45) 1,1'-Biphenyl	13.52	154	502761	39.959	nq	98
46) 2-Chloronaphthalene	13.57	162	400665	40.456	nq	95
47) 2-Nitroaniline	13.77	65	171044	42.274	nq #	84
48) Acenaphthylene	14.42	152	604246	39.867	nq	98
49) Dimethylphthalate	14.15	163	553393	40.133	nq	98
50) 2,6-Dinitrotoluene	14.27	165	118328	41.846	nq #	76
51) Acenaphthene	14.76	154	395817	40.283	nq	94
52) 3-Nitroaniline	14.60	138	109029	41.717	nq #	70
53) 2,4-Dinitrophenol	14.80	184	80192	43.106	nq #	76
54) Dibenzofuran	15.09	168	644175	39.967	nq #	86
55) 4-Nitrophenol	14.92	139	100185	43.622	nq #	54
56) 2,4-Dinitrotoluene	15.06	165	178104	42.431	nq #	82
57) Fluorene	15.74	166	499887	39.739	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.32	232	179619	40.177	nq	97
59) Diethylphthalate	15.51	149	579214	40.391	nq	99
60) 4-Chlorophenyl-phenylether	15.74	204	297698	39.852	nq	95
61) 4-Nitroaniline	15.77	138	116301	39.253	nq #	23
62) Azobenzene	16.03	77	623212	40.938	nq	92
64) 4,6-Dinitro-2-methylphenol	15.82	198	105750	40.593	nq	98
65) n-Nitrosodiphenylamine	15.95	169	469883	39.552	nq	95
66) 4-Bromophenyl-phenylether	16.63	248	220798	41.298	nq #	93
67) Hexachlorobenzene	16.75	284	236459	40.023	nq	95
68) Atrazine	16.90	200	209100	39.715	nq	92
69) Pentachlorophenol	17.10	266	153661	43.128	nq	93
70) Phenanthrene	17.49	178	865135	39.098	nq	97
71) Anthracene	17.58	178	887775	39.595	nq	97
72) Carbazole	17.85	167	736834	39.710	nq #	94
73) Di-n-butylphthalate	18.41	149	907703	39.511	nq #	96
74) Fluoranthene	19.50	202	1069073	39.312	nq	95
76) Benzidine	19.68	184	449698	40.212	nq	98
77) Pyrene	19.86	202	1062926	41.180	nq	97
79) Butylbenzylphthalate	20.75	149	410093	41.207	nq	92
80) Benzo(a)anthracene	21.72	228	1074611	40.106	nq	99
81) 3,3'-Dichlorobenzidine	21.63	252	432654	41.515	nq	98
82) Chrysene	21.78	228	982991	40.001	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	543372	40.201	nq #	97
84) Di-n-octyl phthalate	22.86	149	935816	41.362	nq	99
85) Indeno(1,2,3-cd)pyrene	28.75	276	1305460	41.518	nq #	83
87) Benzo(b)fluoranthene	23.96	252	1135630	40.693	nq #	94
88) Benzo(k)fluoranthene	24.04	252	1068406	40.302	nq #	96
89) Benzo(a)pyrene	24.85	252	1083557	40.907	nq #	95
90) Dibenzo(a,h)anthracene	28.81	278	1077533	41.021	nq #	93
91) Benzo(g,h,i)perylene	29.92	276	1081920	40.974	nq #	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

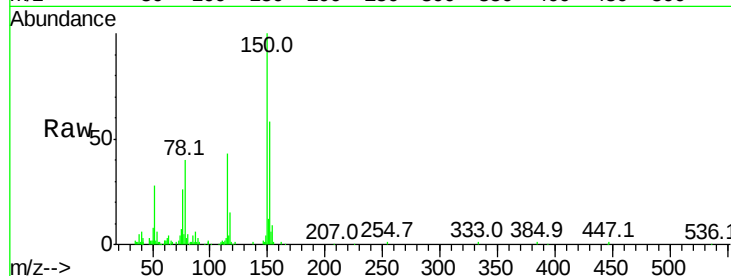
Tot Ion:152 Resp: 46476

Ion Ratio Lower Upper

152 100

150 172.5 126.6 189.8

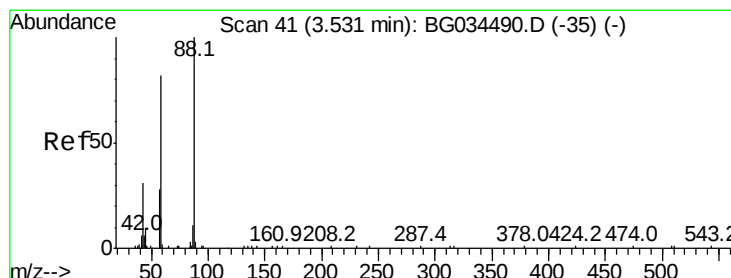
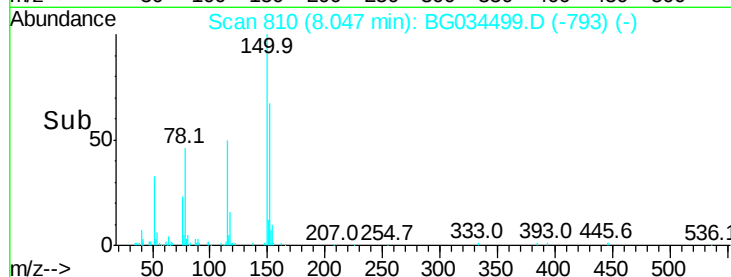
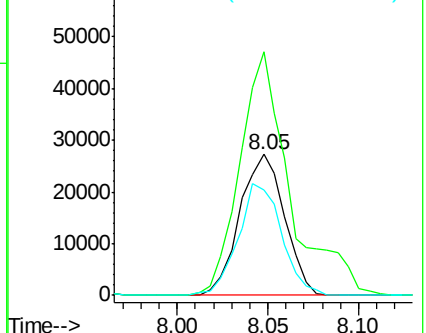
115 74.4 53.0 79.4



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: 42.124 ng

RT: 3.54 min Scan# 42

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

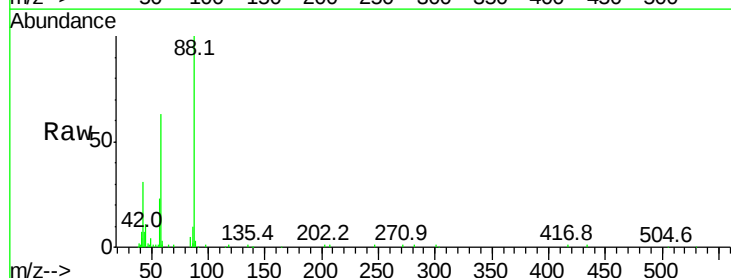
Tgt Ion: 88 Resp: 52208

Ion Ratio Lower Upper

88 100

58 68.2 79.6 119.4#

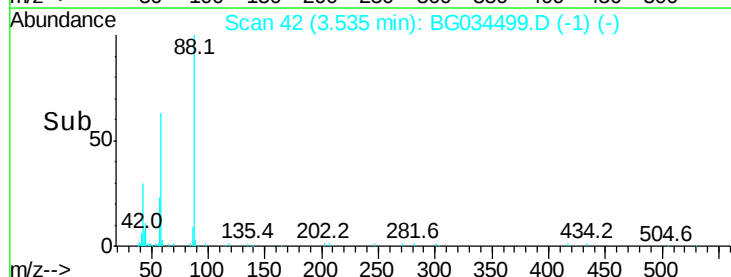
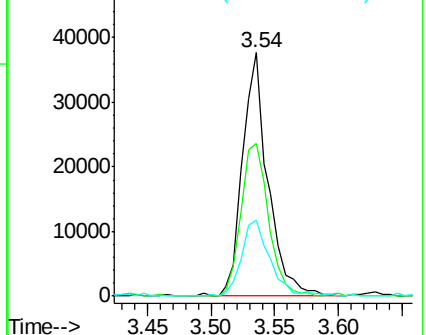
43 34.7 27.4 41.0

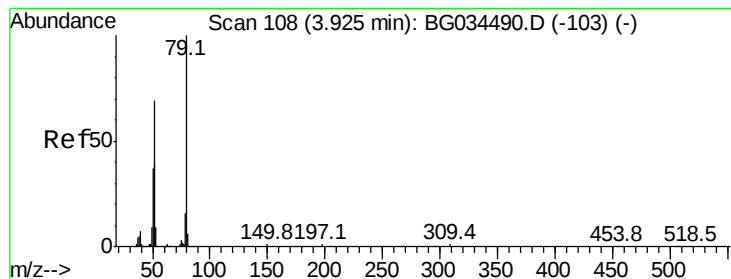


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.331 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

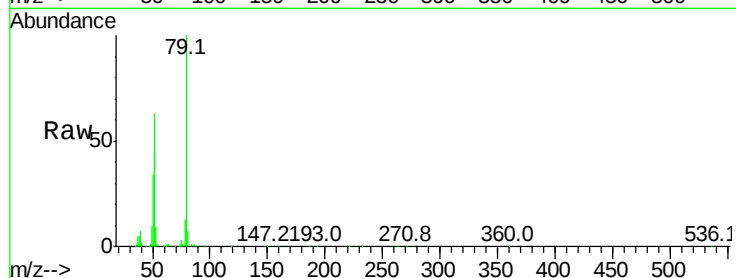
Tot Ion: 79 Resp: 169203

Ion Ratio Lower Upper

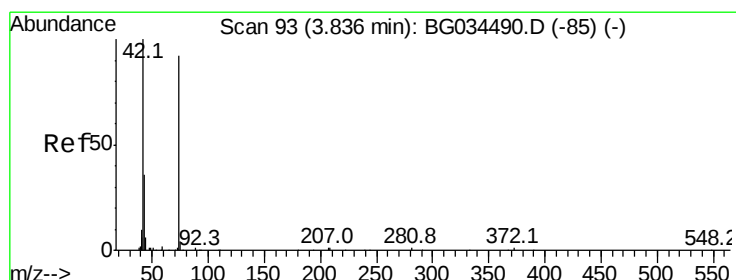
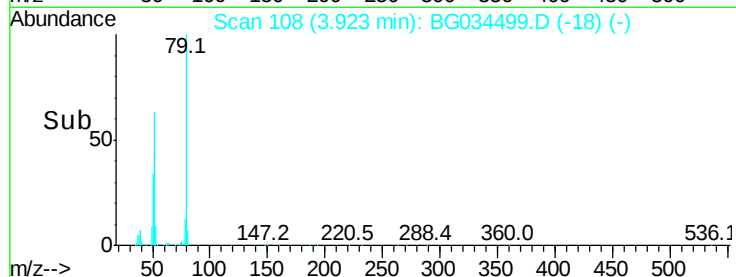
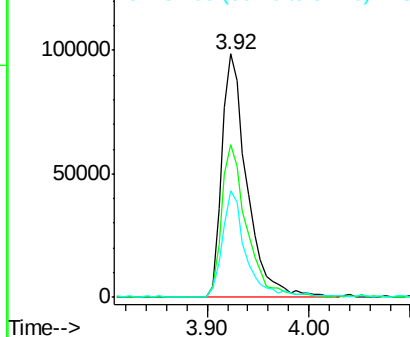
79 100

52 62.5 69.9 104.9#

51 44.0 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: 42.997 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

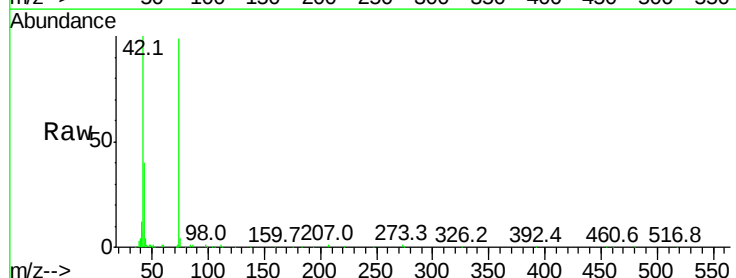
Tgt Ion: 42 Resp: 100522

Ion Ratio Lower Upper

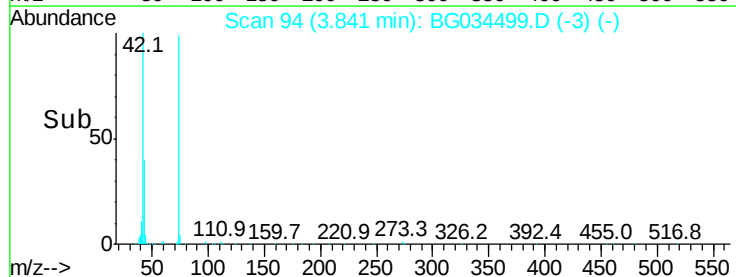
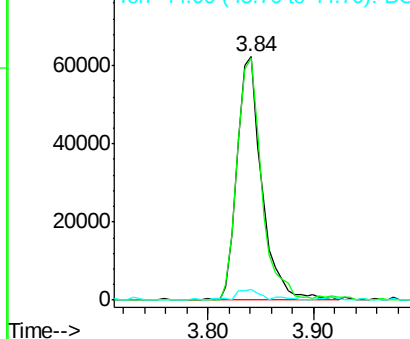
42 100

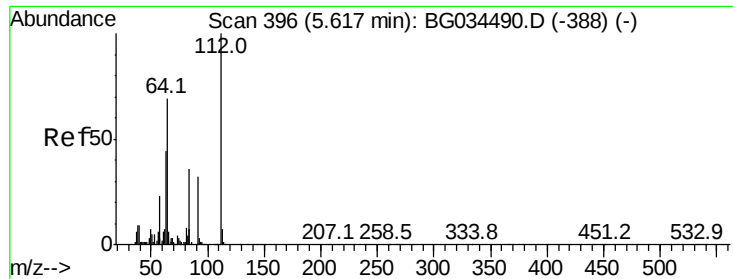
74 99.3 102.5 153.7#

44 4.2 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: 85.642 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG034499.D

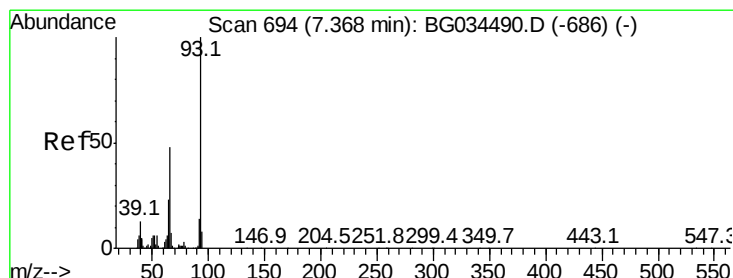
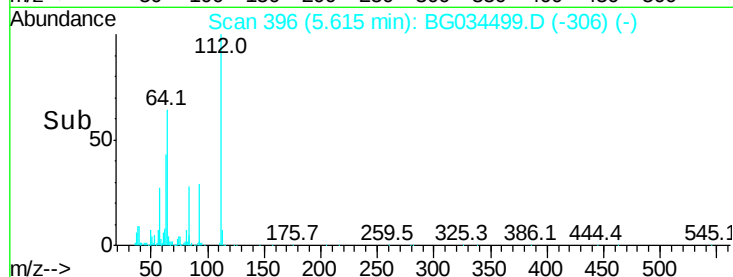
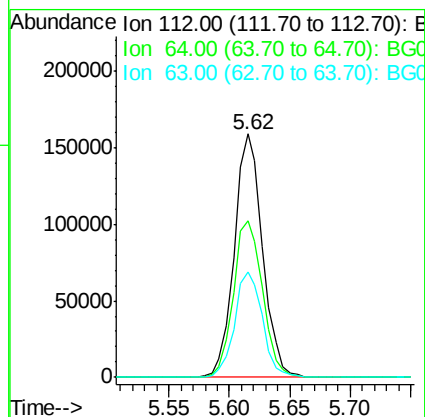
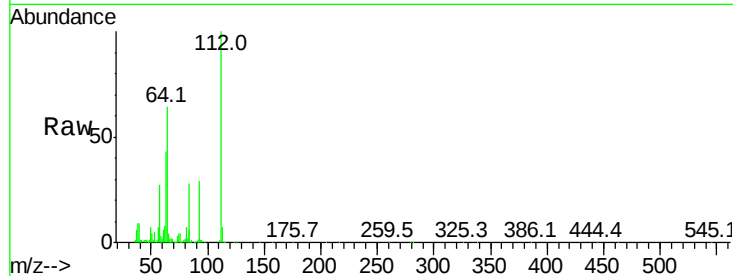
Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	258422
Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	43.4	30.1	45.1



#6

Aniline

Concen: 39.635 ng

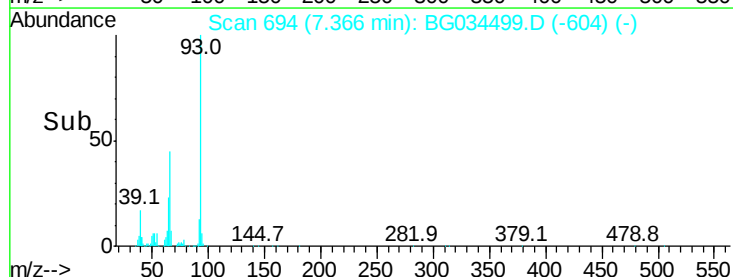
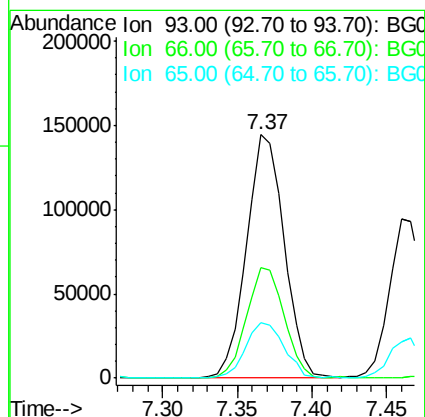
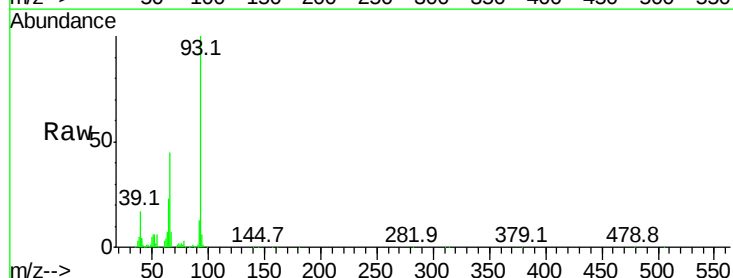
RT: 7.37 min Scan# 694

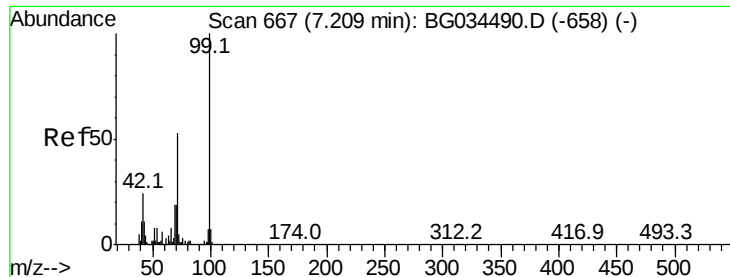
Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:	93	Resp:	252558
Ion	Ratio	Lower	Upper
93	100		
66	45.3	33.7	50.5
65	22.9	16.1	24.1





#7

Phenol-d6

Concen: 81.546 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

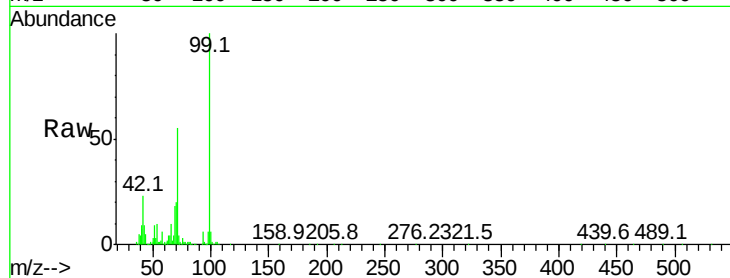
Tot Ion: 99 Resp: 398052

Ion Ratio Lower Upper

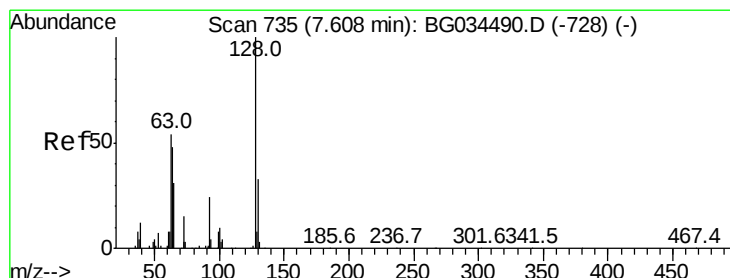
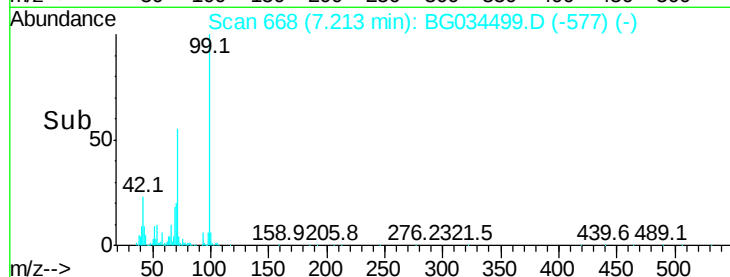
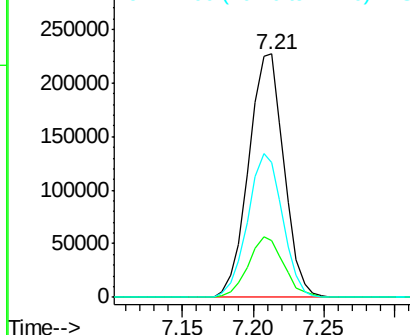
99 100

42 23.2 14.1 21.1#

71 55.2 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: 40.193 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

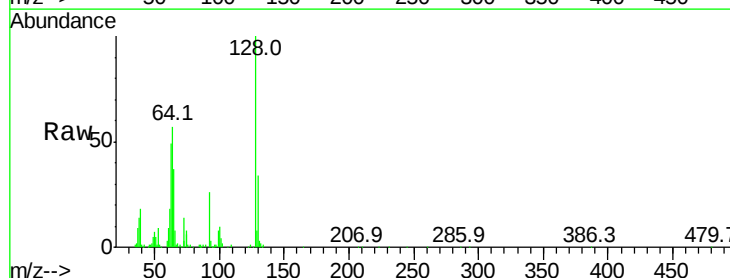
Tgt Ion: 128 Resp: 128258

Ion Ratio Lower Upper

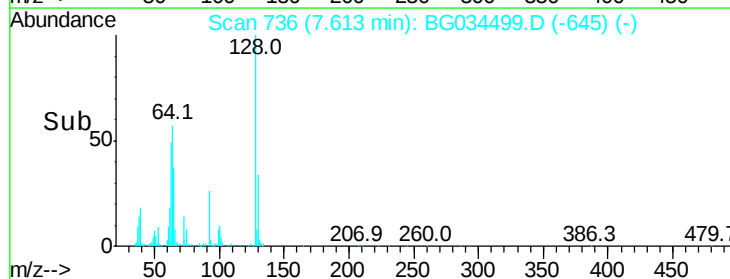
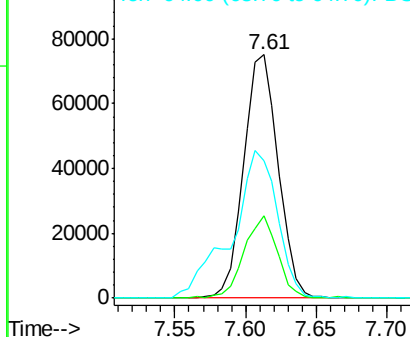
128 100

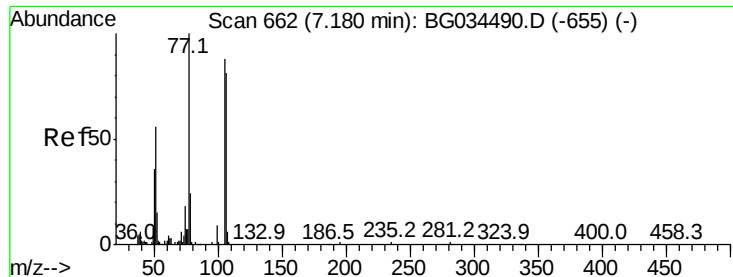
130 33.9 14.0 54.0

64 56.5 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: 42.014 ng

RT: 7.18 min Scan# 663

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampled :

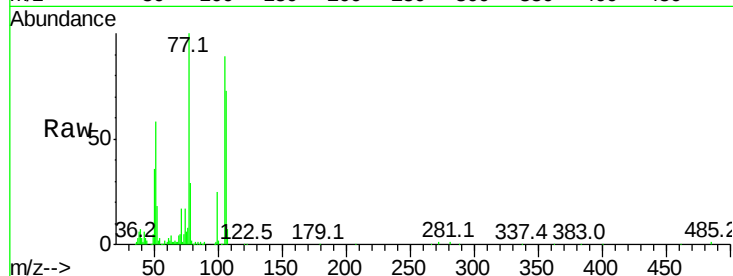
Tot Ion: 77 Resp: 141703

Ion Ratio Lower Upper

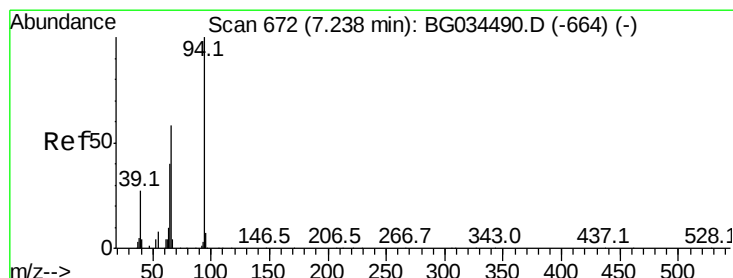
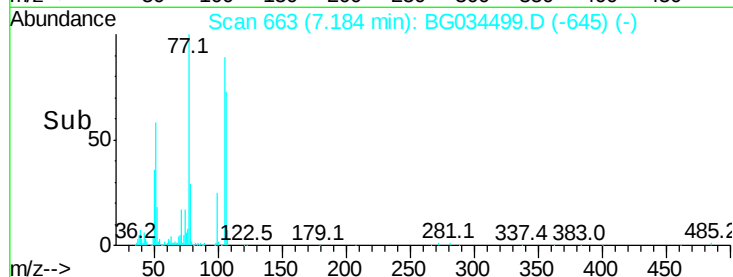
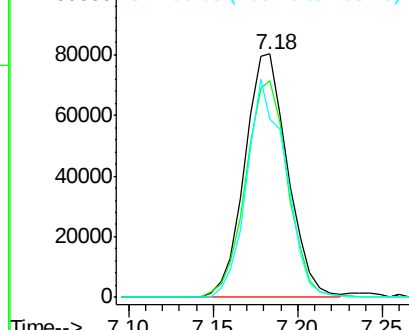
77 100

105 88.9 71.3 111.3

106 73.2 64.2 104.2



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



#10

Phenol

Concen: 41.340 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

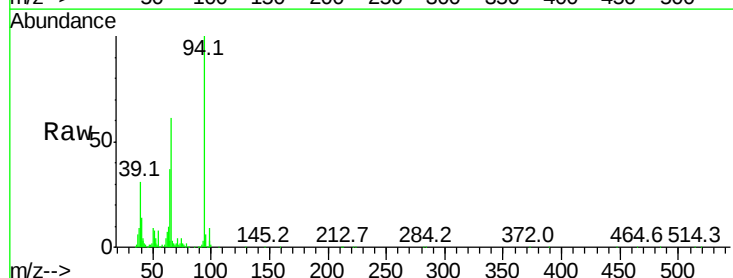
Tgt Ion: 94 Resp: 201248

Ion Ratio Lower Upper

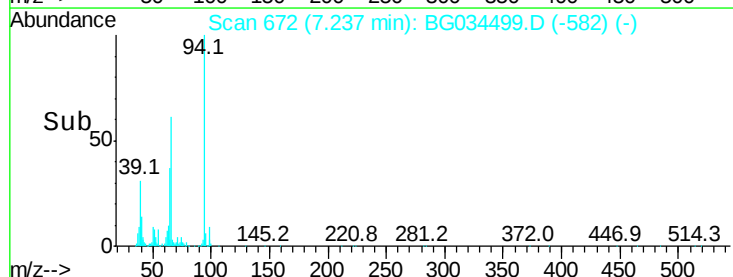
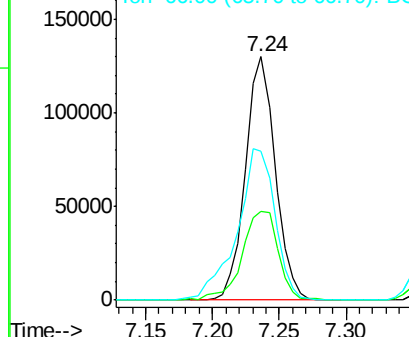
94 100

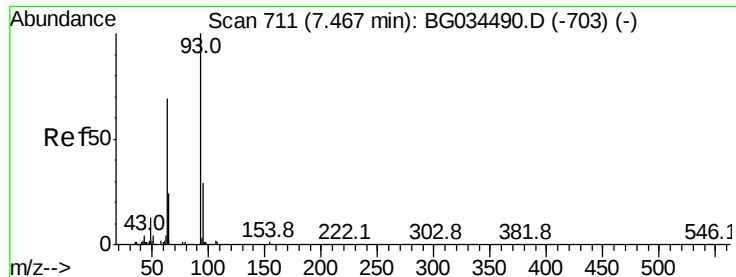
65 36.5 11.9 51.9

66 61.0 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 41.485 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampled :

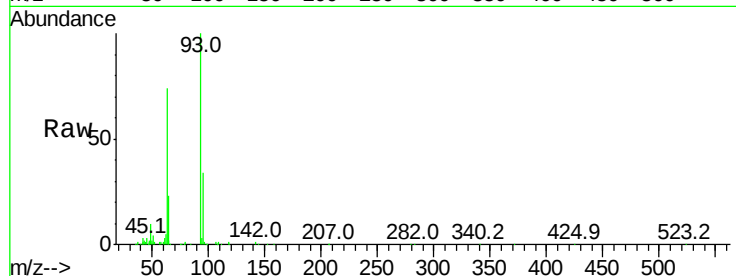
Tot Ion: 93 Resp: 152566

Ion Ratio Lower Upper

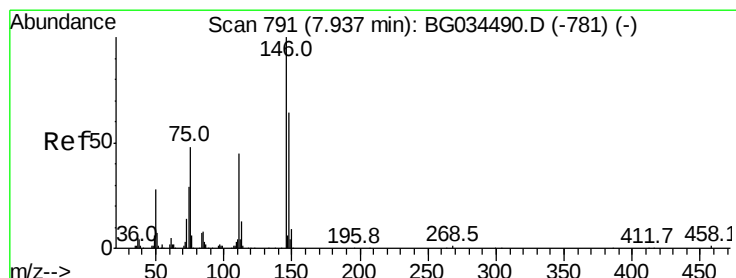
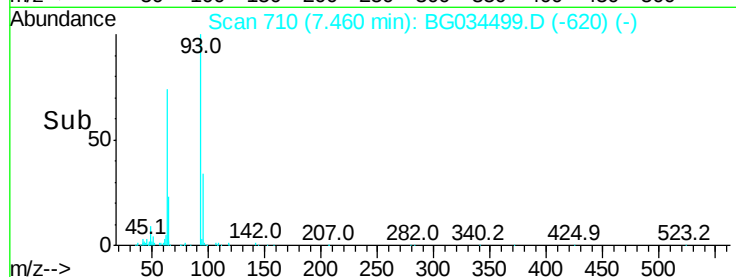
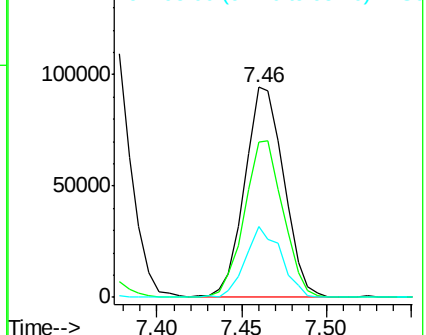
93 100

63 73.7 67.1 107.1

95 33.7 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 40.964 ng

RT: 7.94 min Scan# 791

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

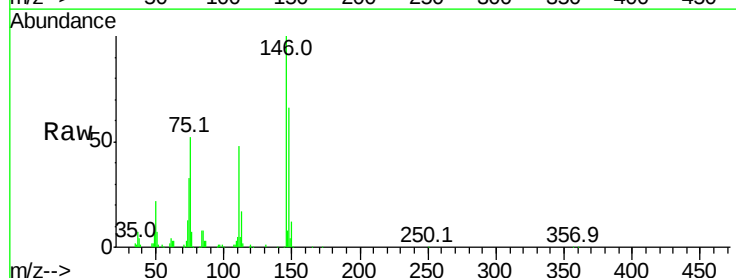
Tgt Ion: 146 Resp: 153830

Ion Ratio Lower Upper

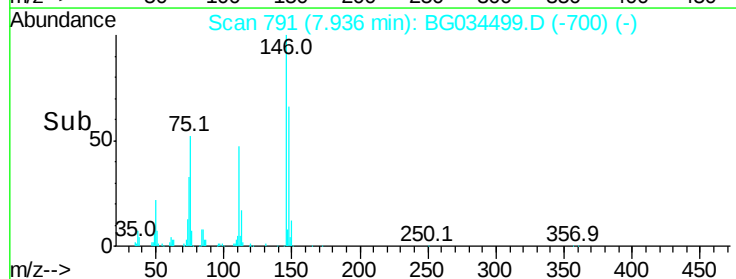
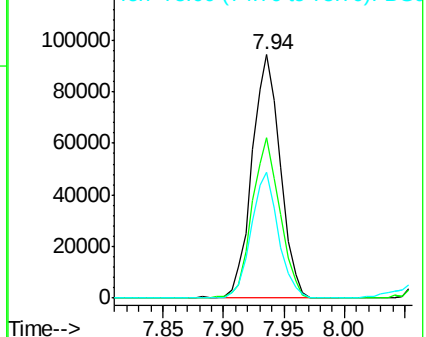
146 100

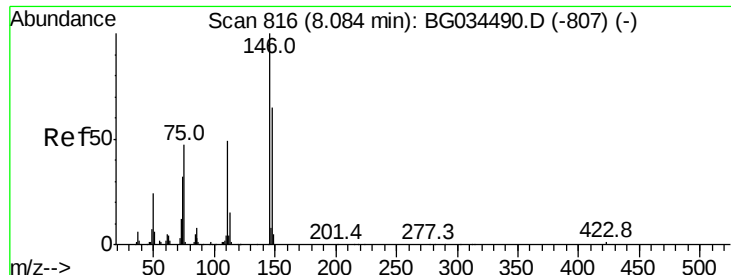
148 65.6 51.4 77.2

75 51.8 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

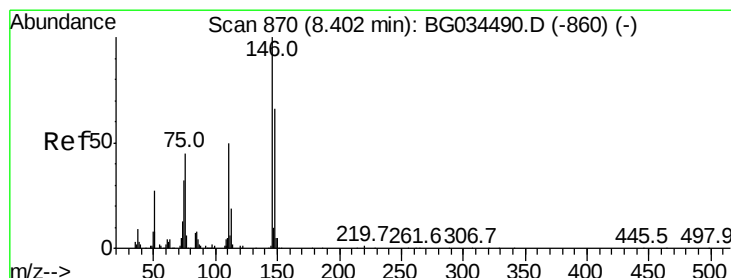
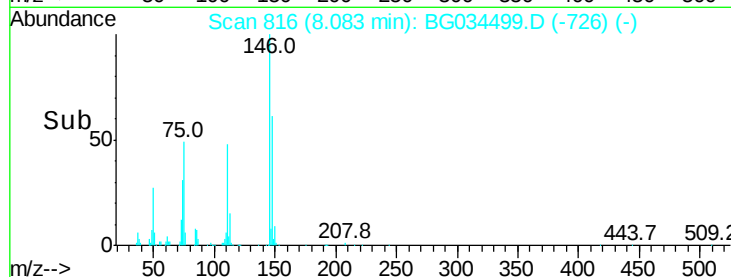
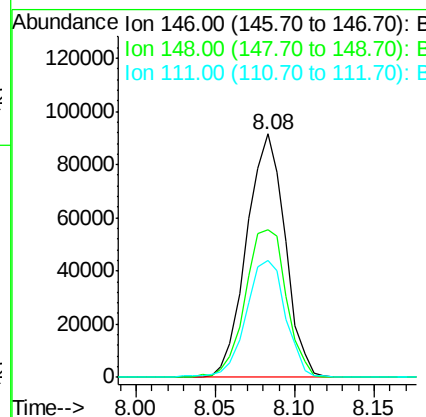
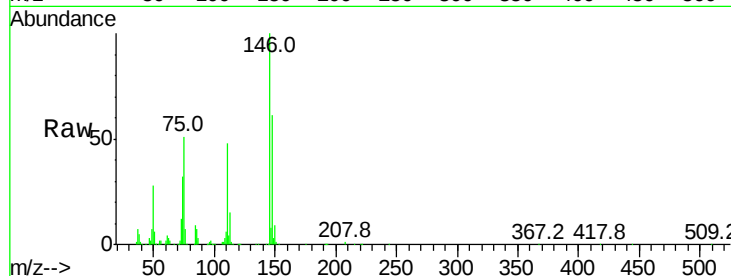




#13
 1,4-Dichlorobenzene
 Concen: 40.289 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

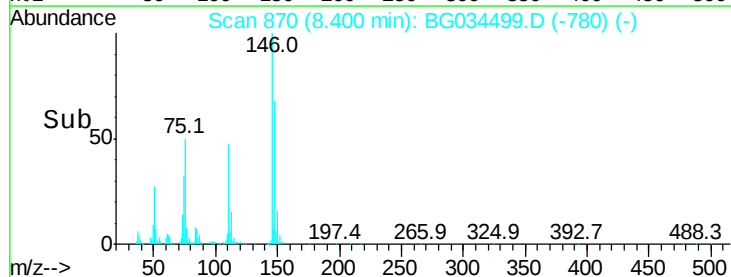
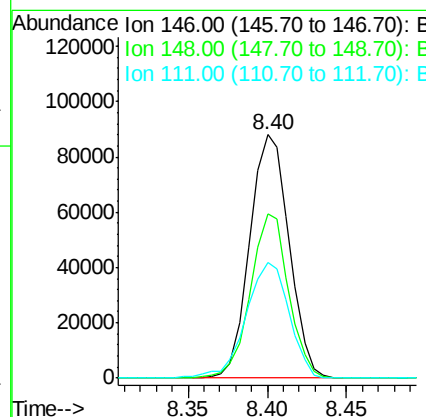
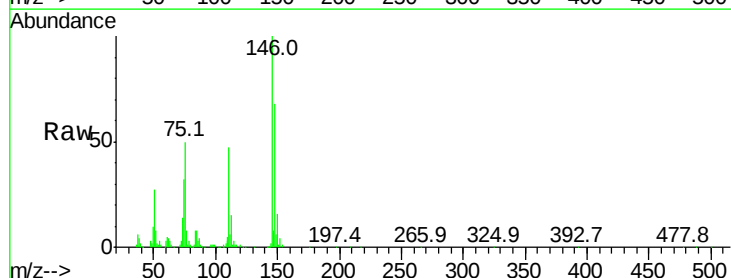
Instrument :
 BNA_G
 ClientSampleId :

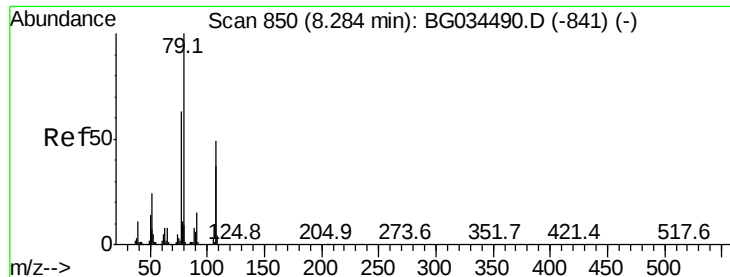
Tot Ion:146 Resp: 154054
 Ion Ratio Lower Upper
 146 100
 148 60.8 53.7 80.5
 111 48.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.400 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:146 Resp: 151628
 Ion Ratio Lower Upper
 146 100
 148 67.5 49.3 73.9
 111 47.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.671 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

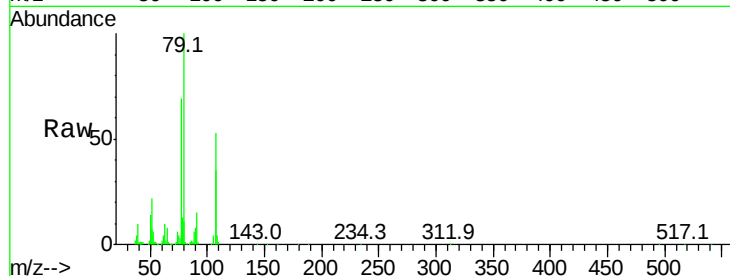
Tot Ion: 79 Resp: 218141

Ion Ratio Lower Upper

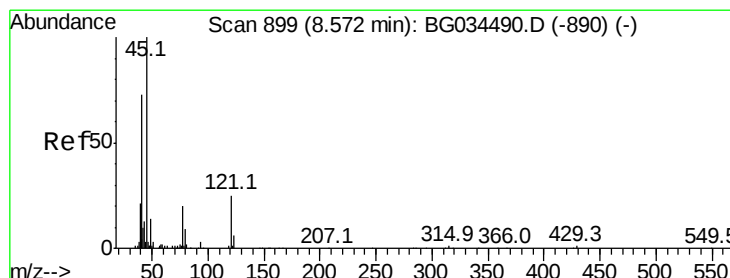
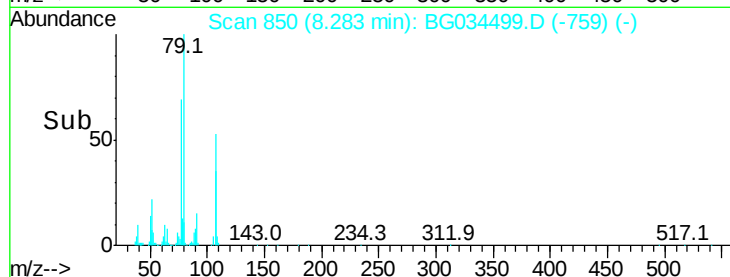
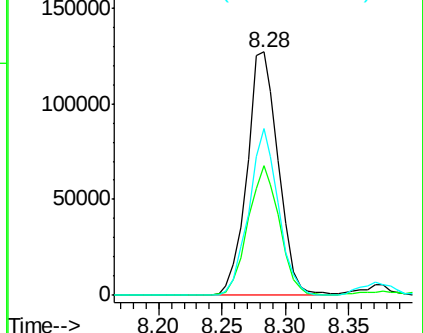
79 100

108 53.1 57.2 85.8#

77 68.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.049 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

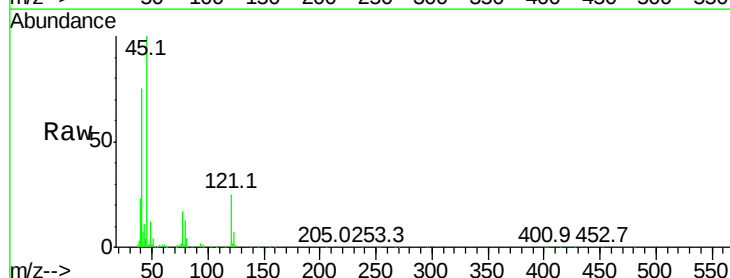
Tgt Ion: 45 Resp: 171335

Ion Ratio Lower Upper

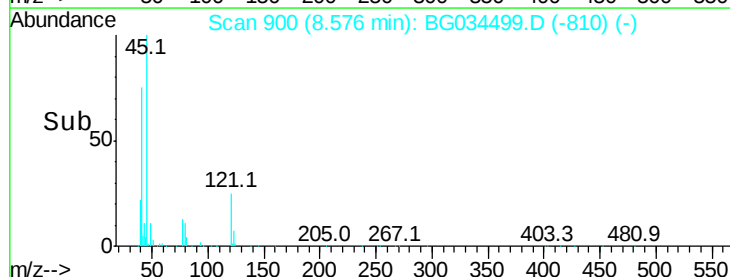
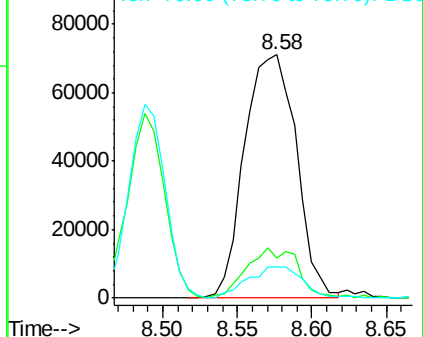
45 100

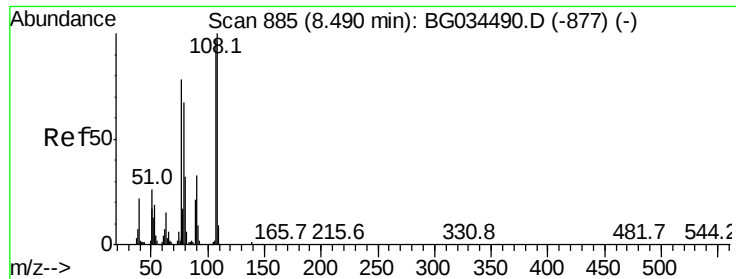
77 16.6 0.0 30.2

79 12.5 0.0 27.9



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





#17

2-Methylphenol

Concen: 40.507 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 132471

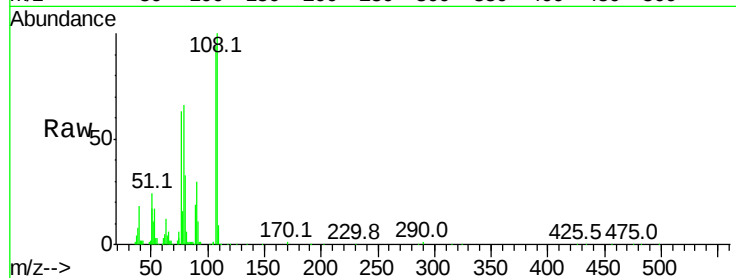
Ion Ratio Lower Upper

107 100

108 105.8 83.9 125.9

77 66.4 37.2 55.8#

79 69.9 36.2 54.2#

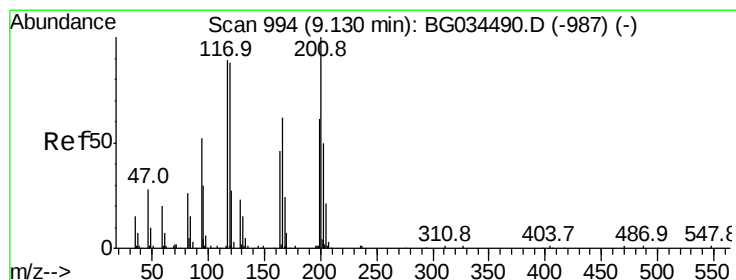
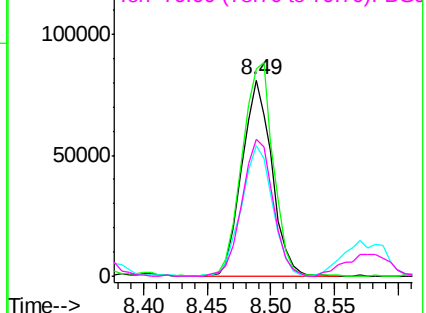
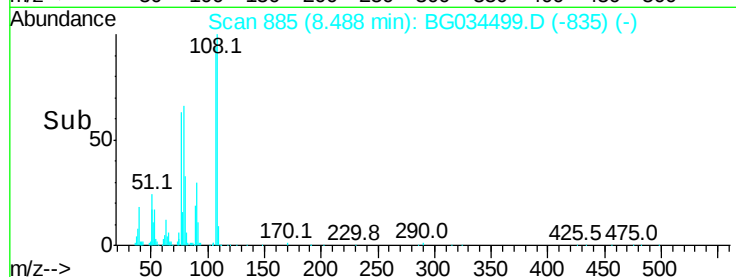


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.033 ng

RT: 9.13 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

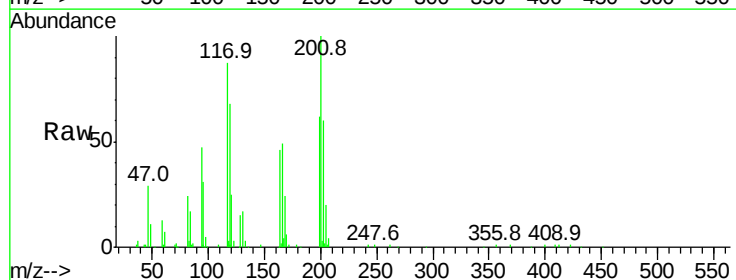
Tgt Ion:117 Resp: 66008

Ion Ratio Lower Upper

117 100

119 78.5 76.7 115.1

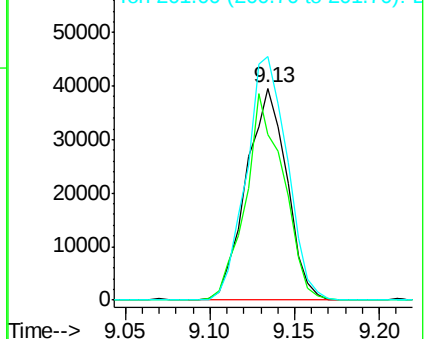
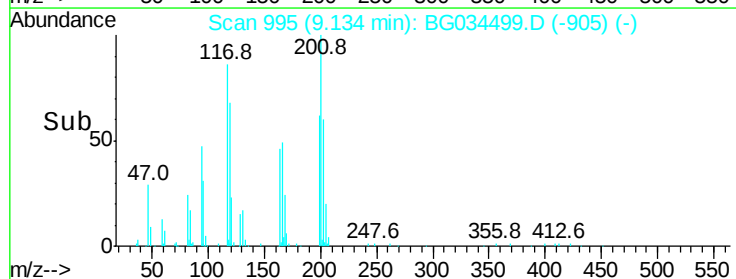
201 115.0 95.7 143.5

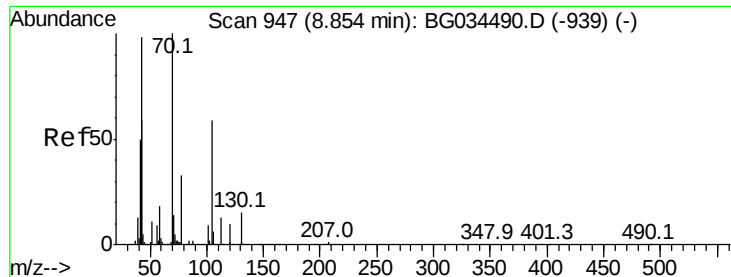


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.850 ng

RT: 8.85 min Scan# 947

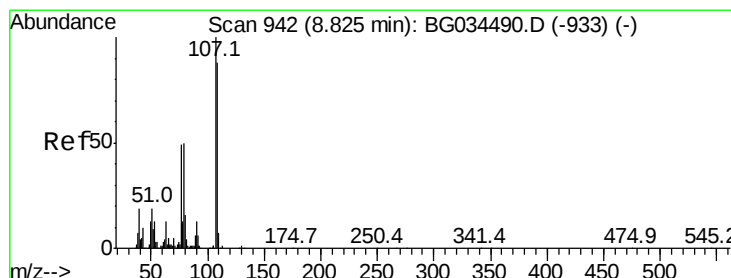
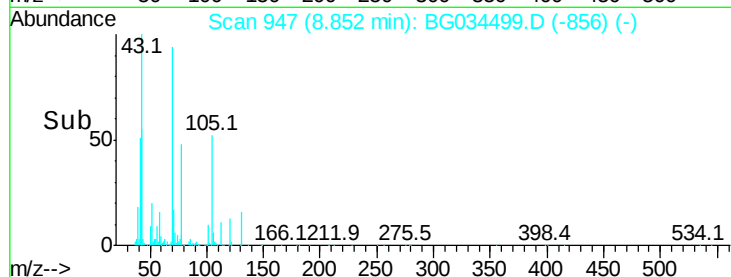
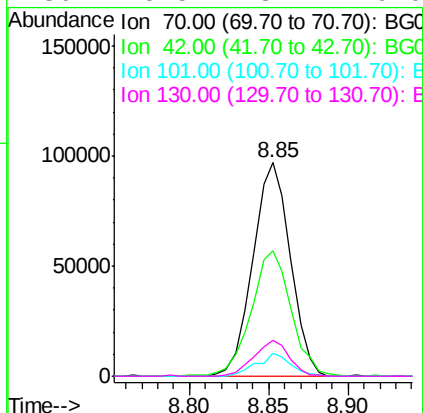
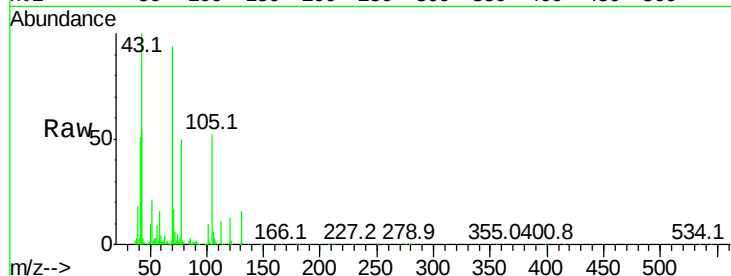
Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	159320
Ion	Ratio	Lower	Upper
70	100		
42	59.0	49.1	73.7
101	10.7	8.5	12.7
130	16.5	13.4	20.0



#20

3+4-Methylphenols

Concen: 40.994 ng

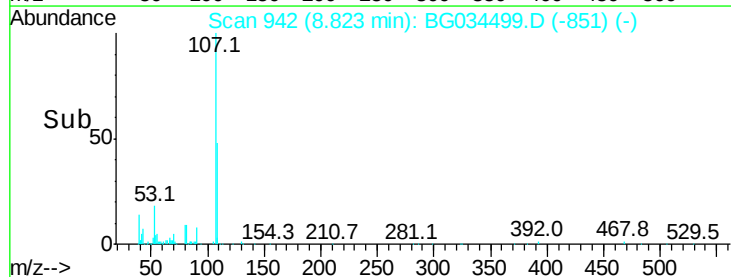
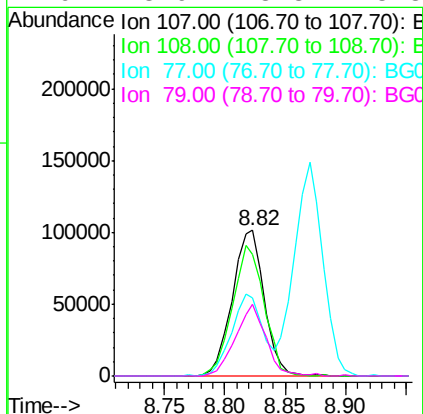
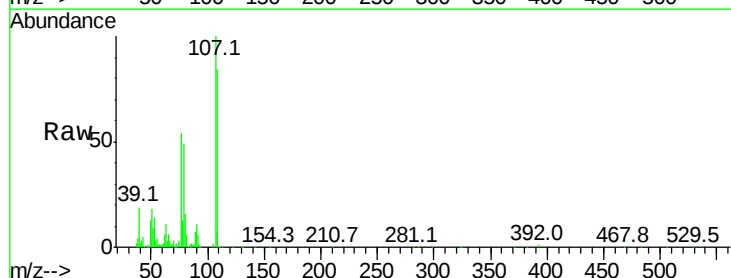
RT: 8.82 min Scan# 942

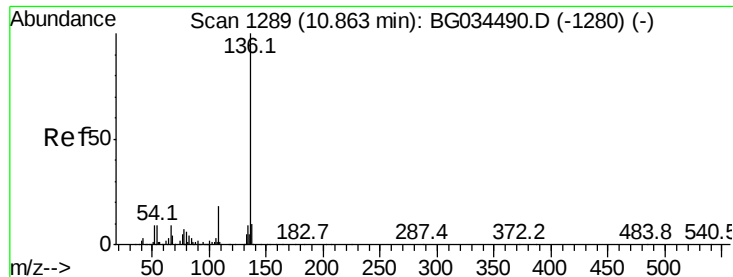
Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:	107	Resp:	186910
Ion	Ratio	Lower	Upper
107	100		
108	84.1	61.6	101.6
77	53.7	13.9	53.9
79	48.9	8.8	48.8#

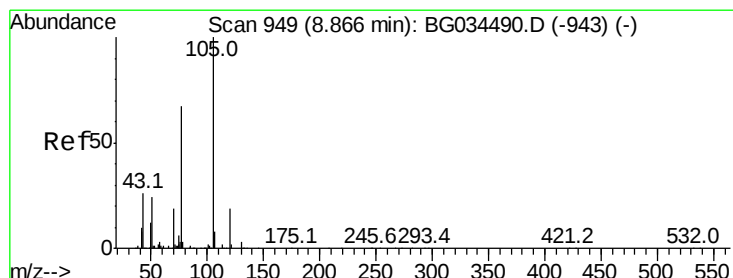
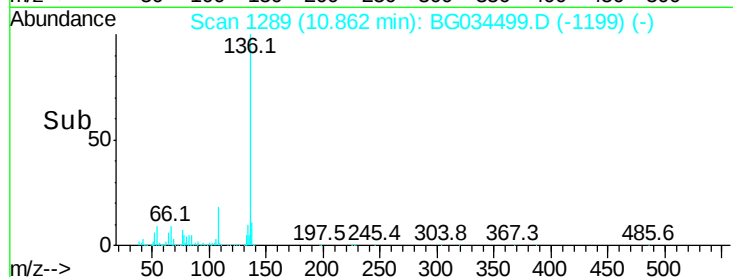
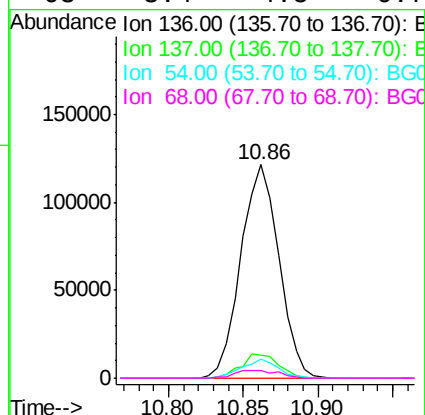
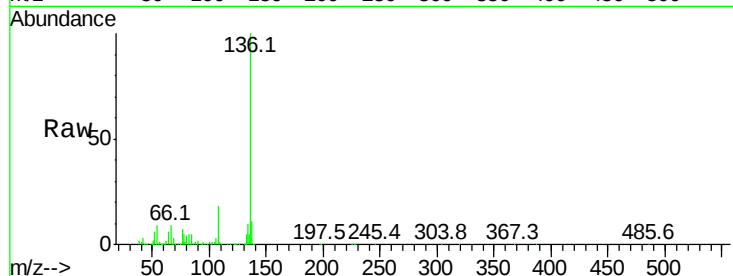




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

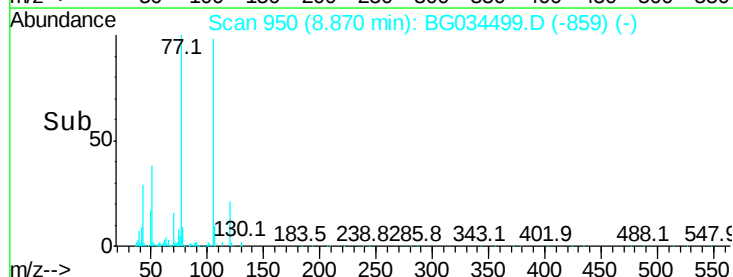
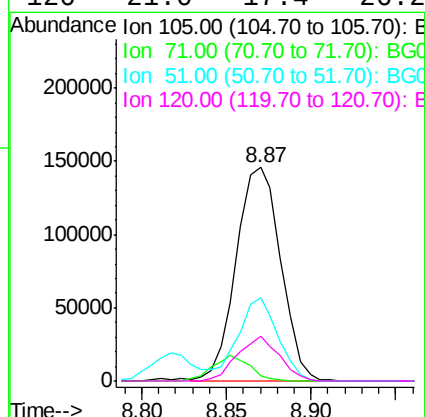
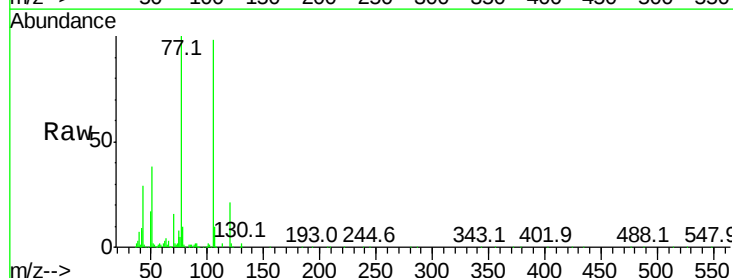
Instrument :
BNA_G
ClientSampleId :

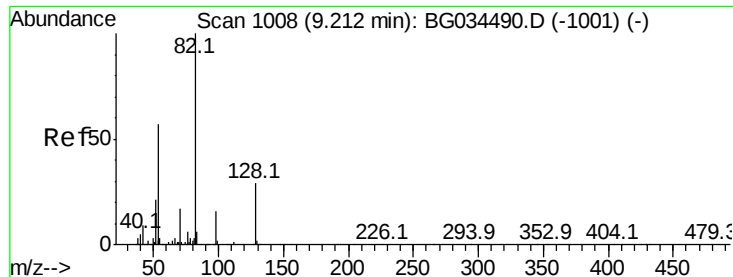
Tot Ion:136	Resp:	214665
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	9.0	10.3 15.5#
68	3.4	4.5 6.7#



#22
Acetophenone
Concen: 39.012 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:105	Resp:	267544
Ion Ratio	Lower	Upper
105	100	
71	2.4	3.0 4.4#
51	39.2	26.1 39.1#
120	21.0	17.4 26.2

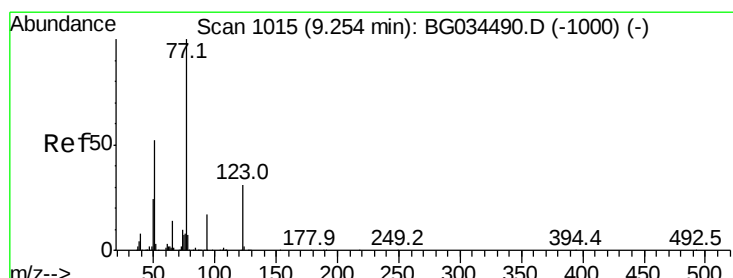
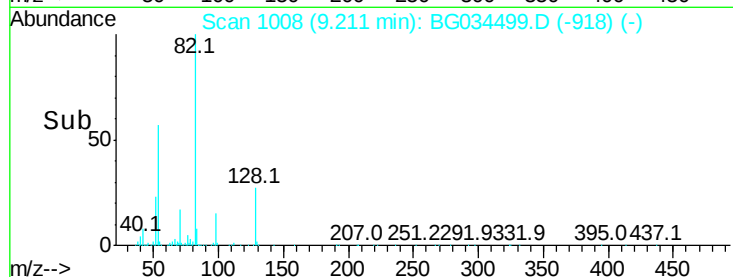
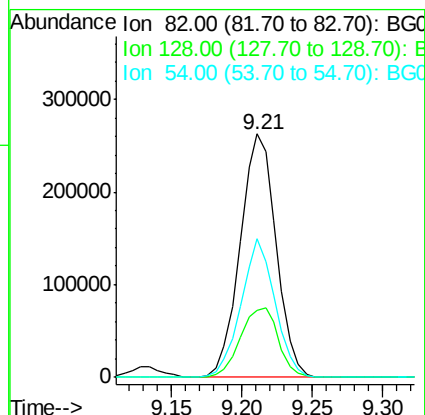
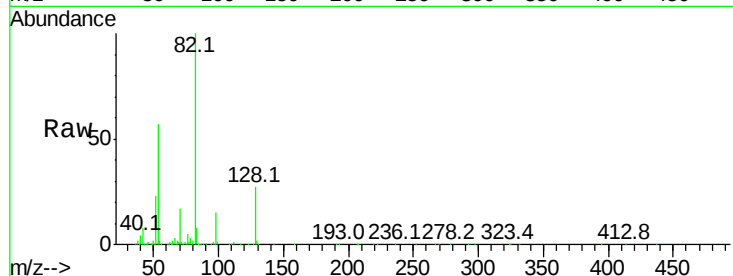




#23
Nitrobenzene-d5
Concen: 83.102 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

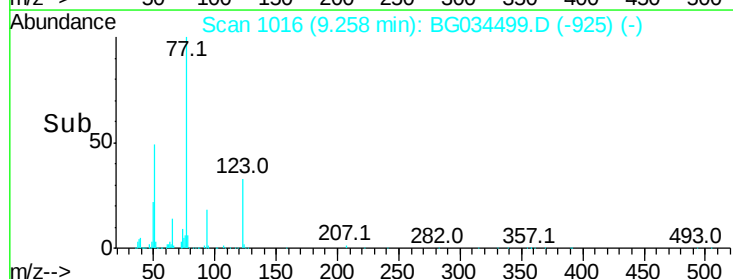
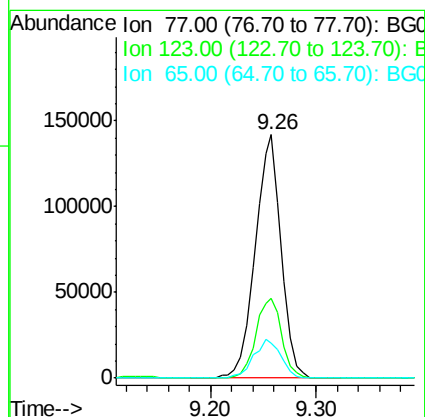
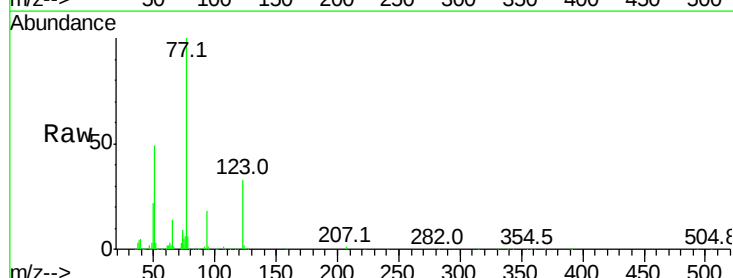
Instrument :
BNA_G
ClientSampleId :

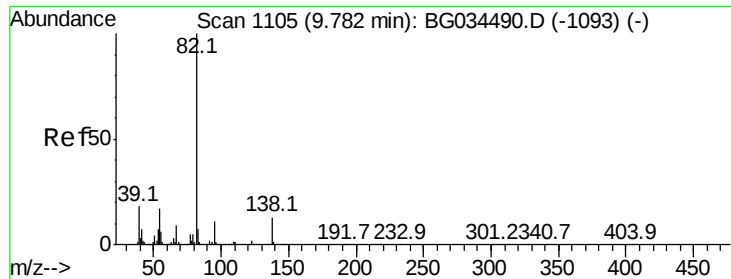
Tot Ion: 82 Resp: 466988
Ion Ratio Lower Upper
82 100
128 27.4 29.7 44.5#
54 56.8 43.1 64.7



#24
Nitrobenzene
Concen: 41.374 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion: 77 Resp: 241314
Ion Ratio Lower Upper
77 100
123 32.7 33.0 49.6#
65 14.1 13.0 19.6





#25

Isophorone

Concen: 41.404 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

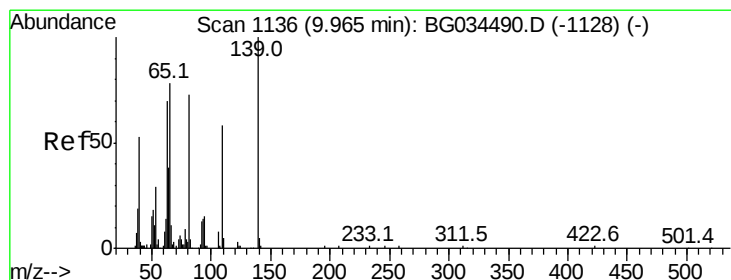
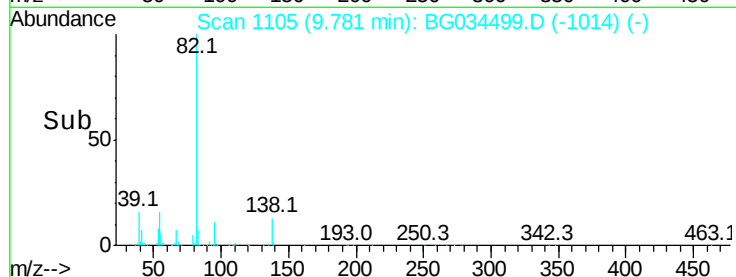
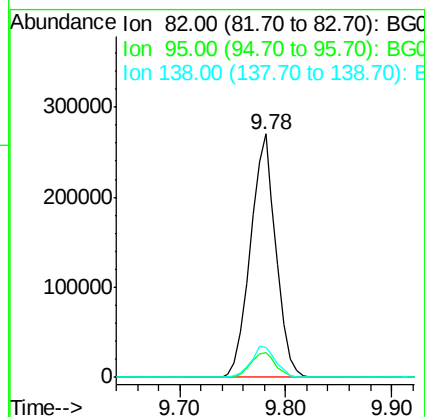
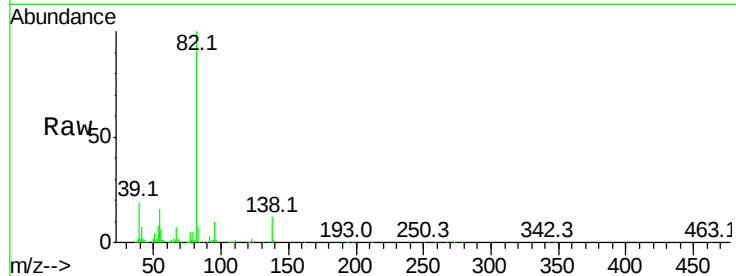
Tot Ion: 82 Resp: 450990

Ion Ratio Lower Upper

82 100

95 10.4 6.2 9.2#

138 12.5 12.1 18.1



#26

2-Nitrophenol

Concen: 39.801 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

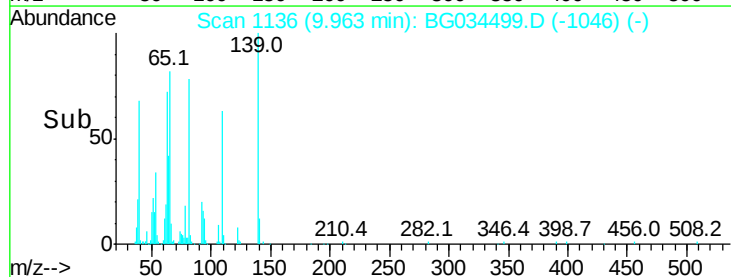
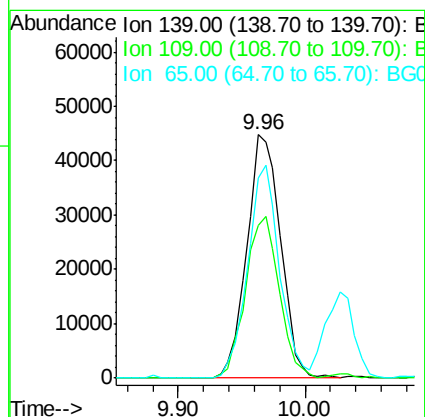
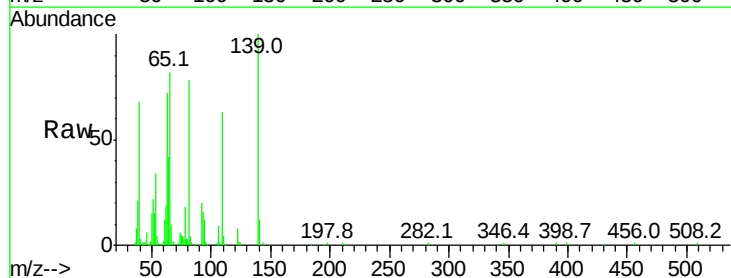
Tgt Ion: 139 Resp: 82895

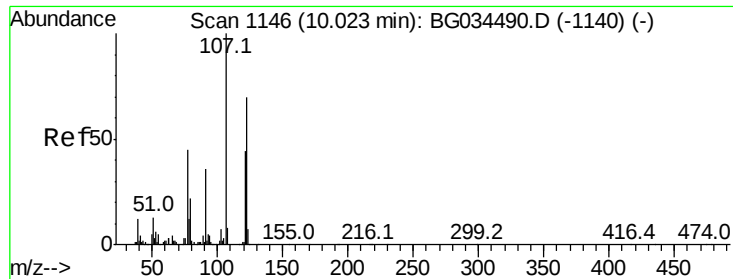
Ion Ratio Lower Upper

139 100

109 62.8 24.2 36.2#

65 82.4 47.4 71.0#

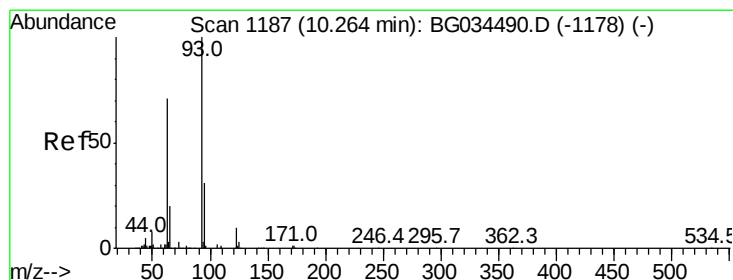
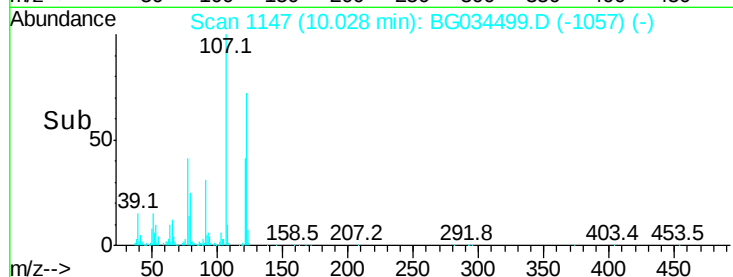
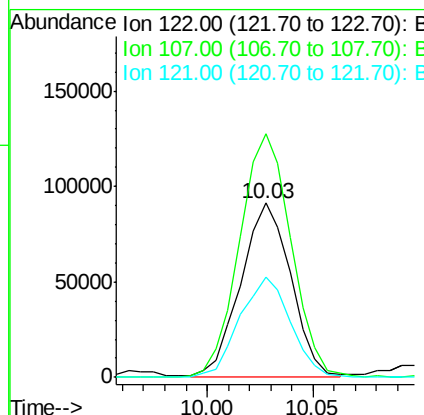
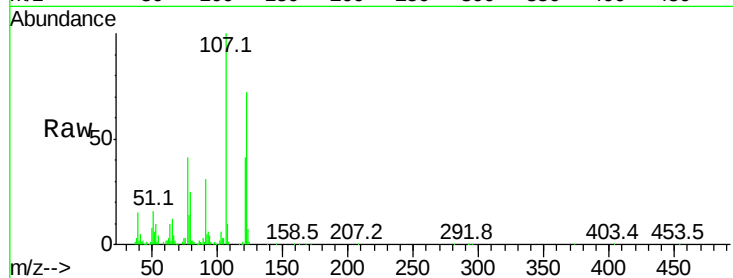




#27
2,4-Dimethylphenol
Concen: 41.284 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

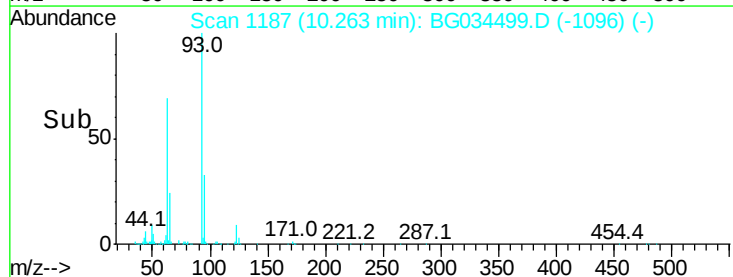
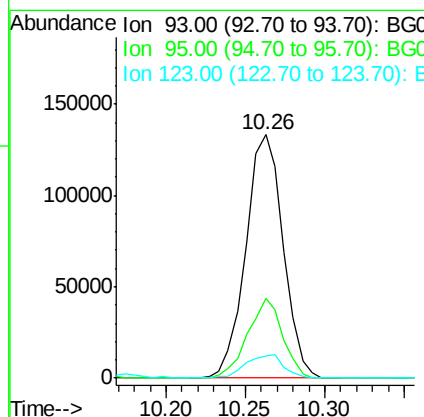
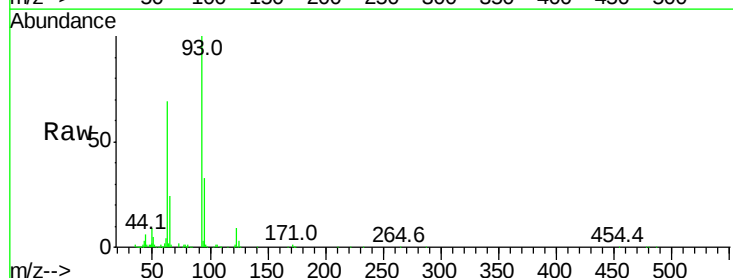
Instrument :
BNA_G
ClientSampleId :

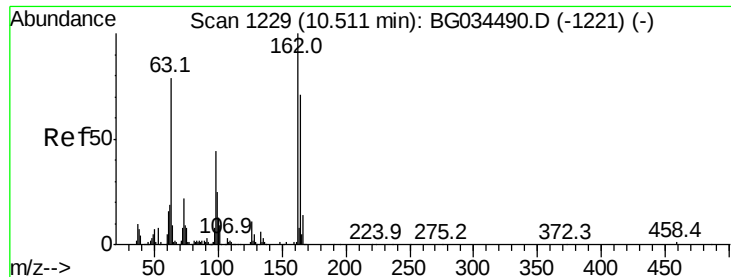
Tot Ion:122 Resp: 150343
Ion Ratio Lower Upper
122 100
107 139.7 100.2 150.2
121 57.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.695 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion: 93 Resp: 217620
Ion Ratio Lower Upper
93 100
95 32.5 24.3 36.5
123 8.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 42.759 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

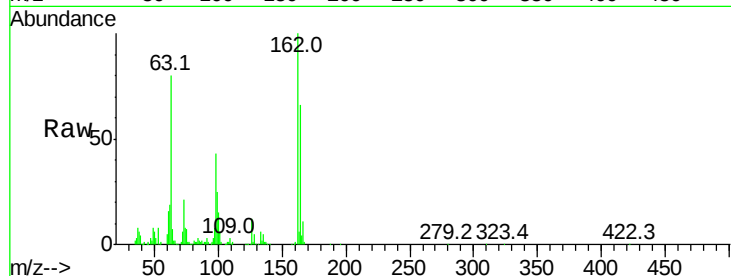
Tot Ion:162 Resp: 162381

Ion Ratio Lower Upper

162 100

164 65.8 48.0 88.0

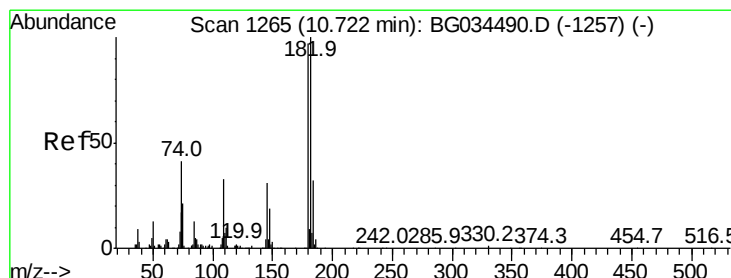
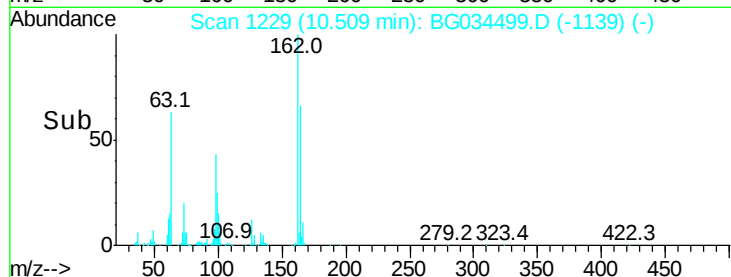
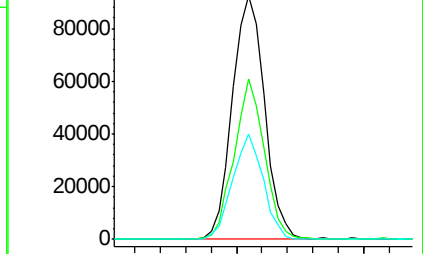
98 43.1 21.1 61.1



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



#30

1,2,4-Trichlorobenzene

Concen: 39.203 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

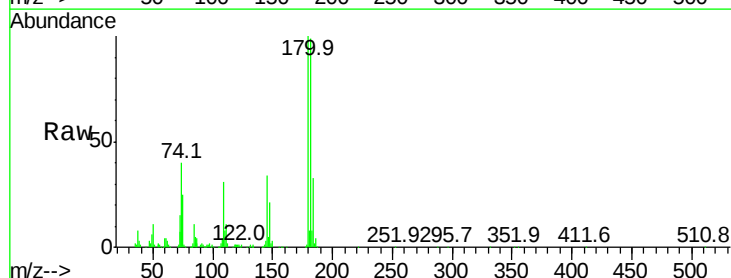
Tgt Ion:180 Resp: 177017

Ion Ratio Lower Upper

180 100

182 98.7 77.5 116.3

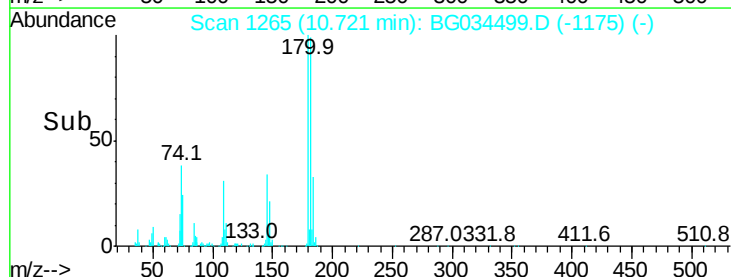
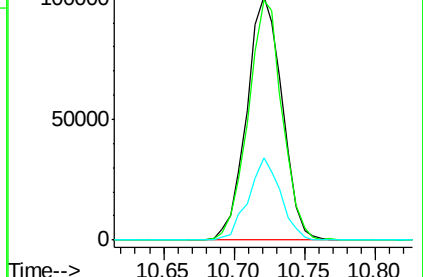
145 33.7 23.4 35.2

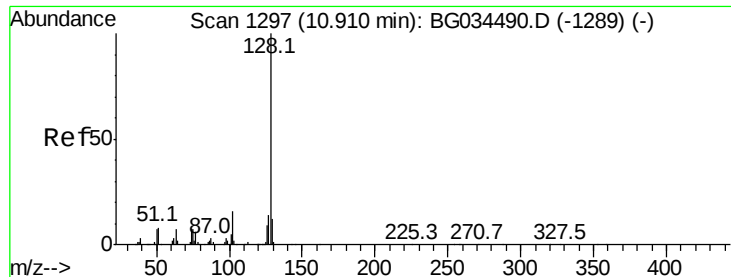


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

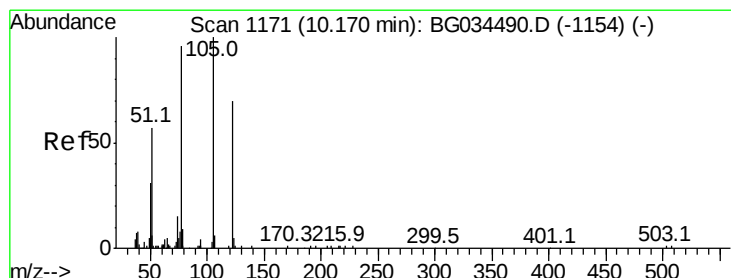
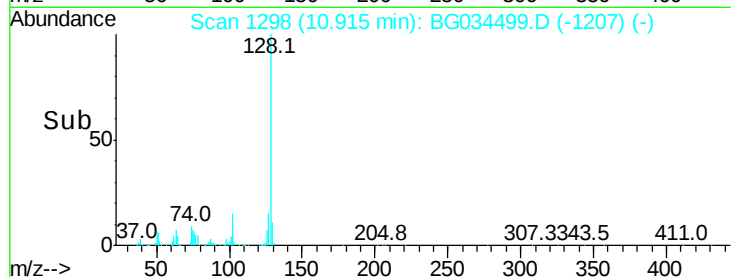
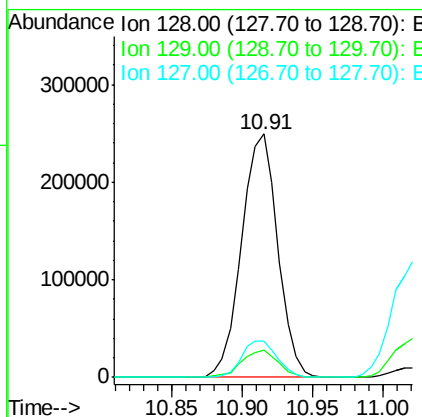
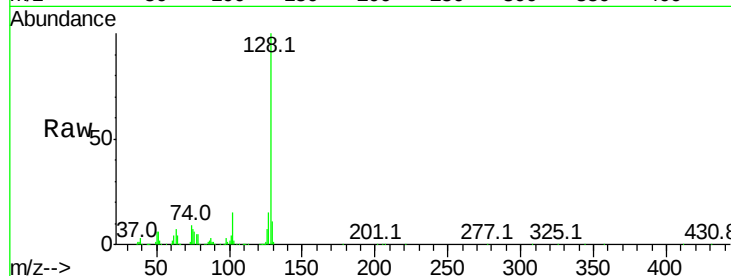




#31
Naphthalene
Concen: 40.102 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

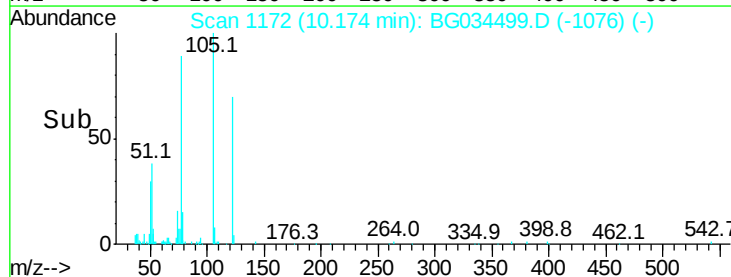
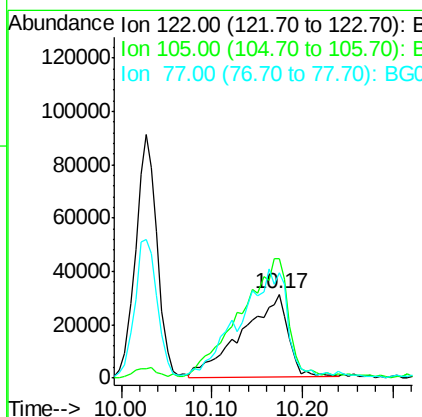
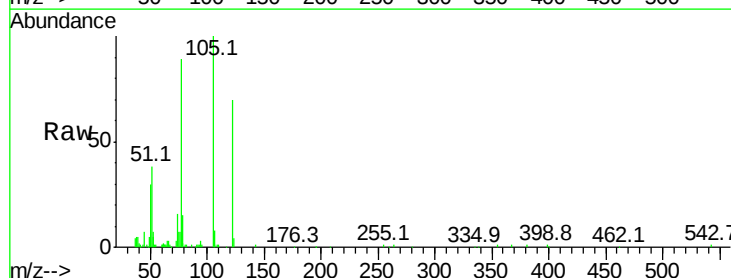
Instrument :
BNA_G
ClientSampleId :

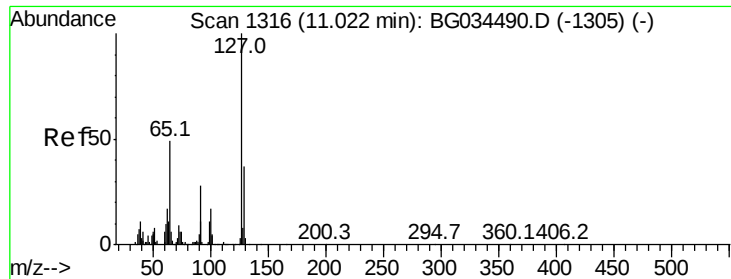
Tot Ion:128 Resp: 447584
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 42.564 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.04 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:122 Resp: 109768
Ion Ratio Lower Upper
122 100
105 142.8 123.5 163.5
77 126.4 85.7 125.7#

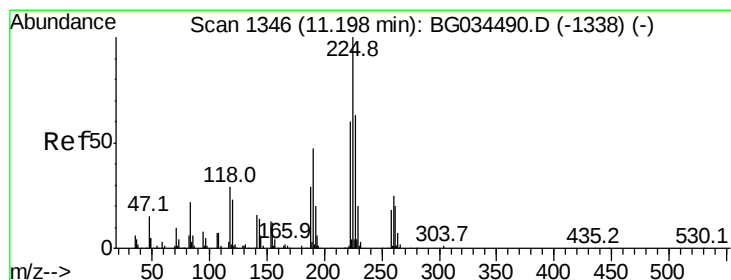
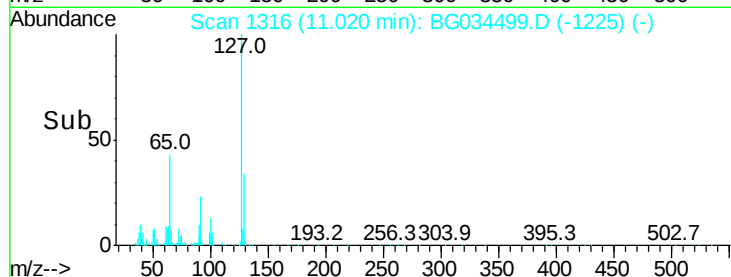
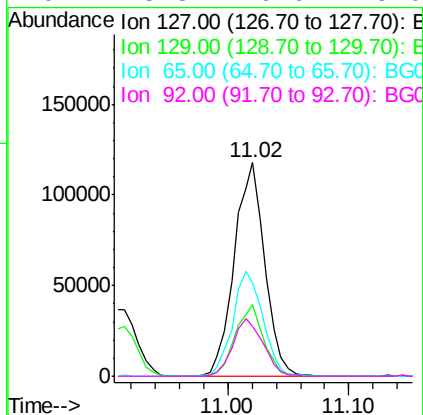
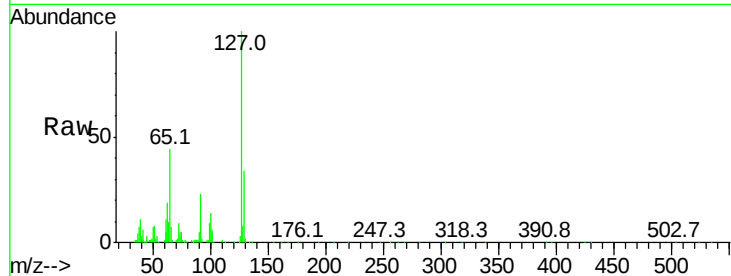




#33
4-Chloroaniline
Concen: 42.483 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

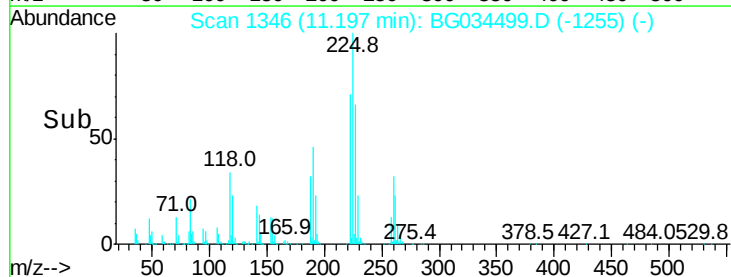
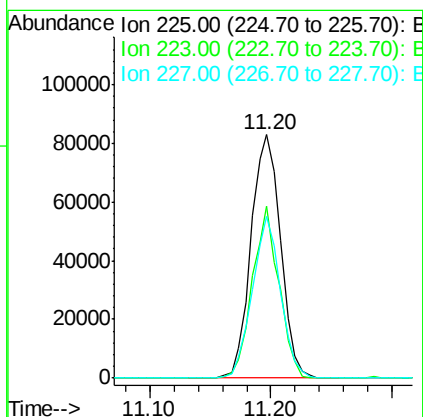
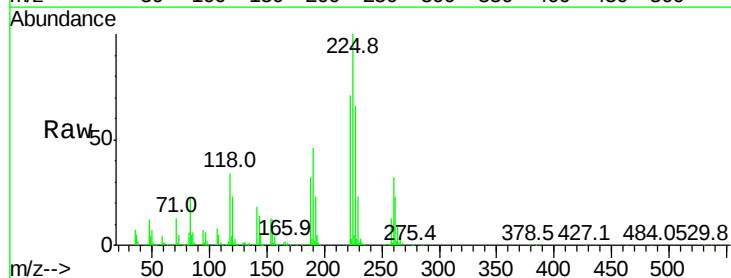
Instrument :
BNA_G
ClientSampleId :

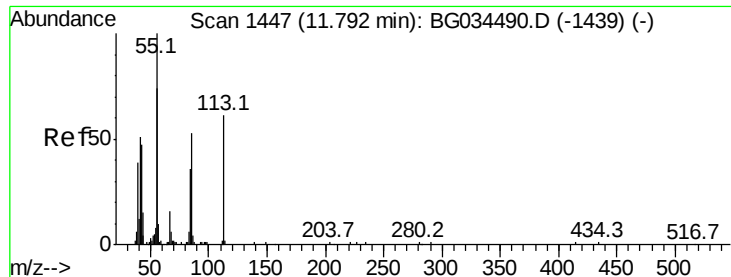
Tot Ion:	127	Resp:	206788
Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.0	36.0
65	43.7	27.0	40.4#
92	23.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.358 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:	225	Resp:	141193
Ion	Ratio	Lower	Upper
225	100		
223	67.3	49.7	74.5
227	63.1	48.1	72.1

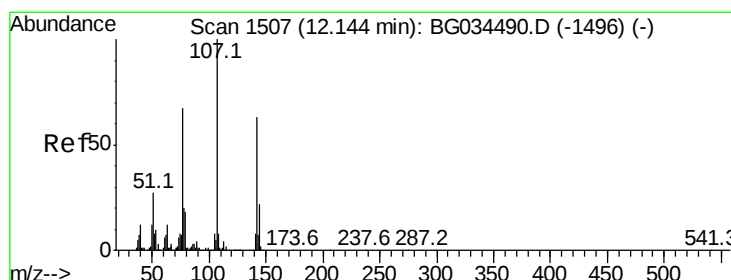
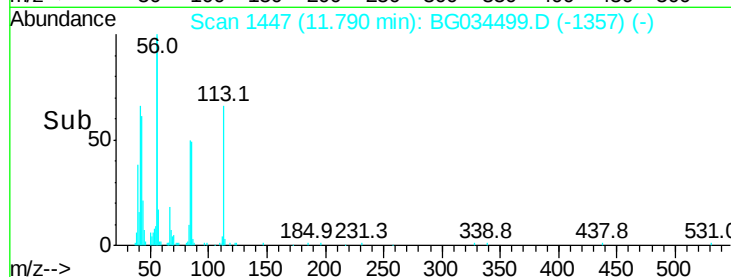
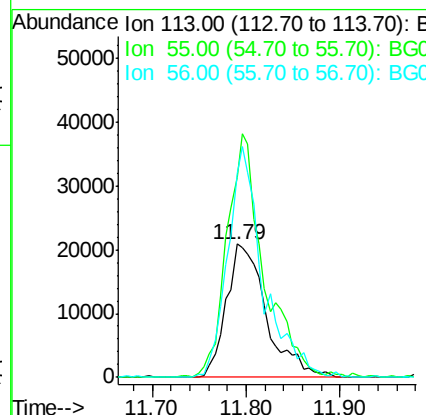
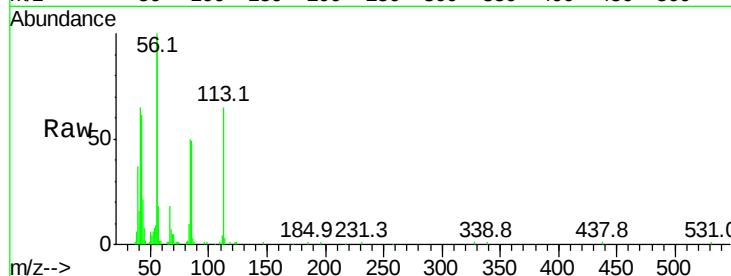




#35
 Caprolactam
 Concen: 42.915 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

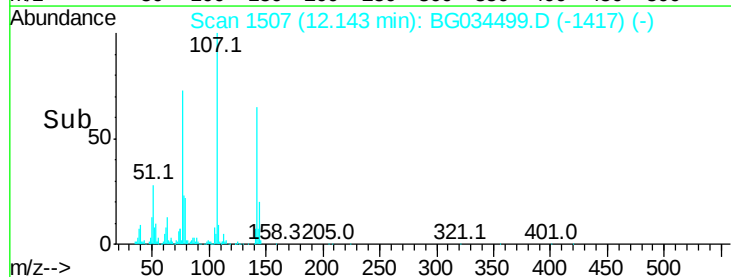
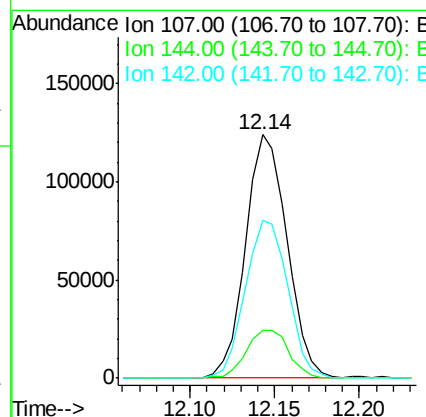
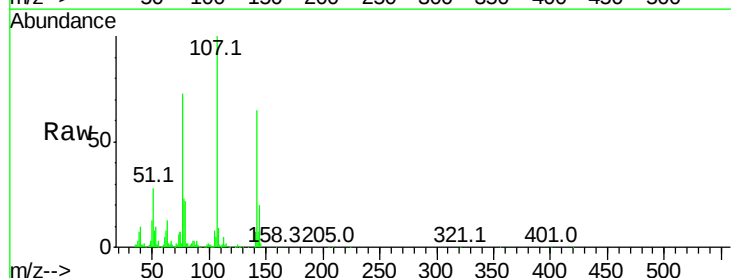
Instrument :
 BNA_G
 ClientSampleId :

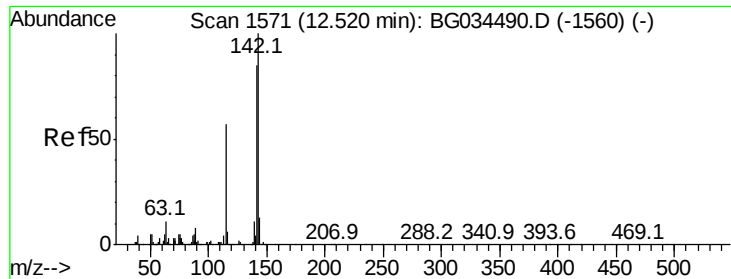
Tot Ion:113 Resp: 61957
 Ion Ratio Lower Upper
 113 100
 55 150.2 186.9 226.9#
 56 153.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.448 ng
 RT: 12.14 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:107 Resp: 212087
 Ion Ratio Lower Upper
 107 100
 144 19.8 18.2 27.4
 142 64.8 59.0 88.4

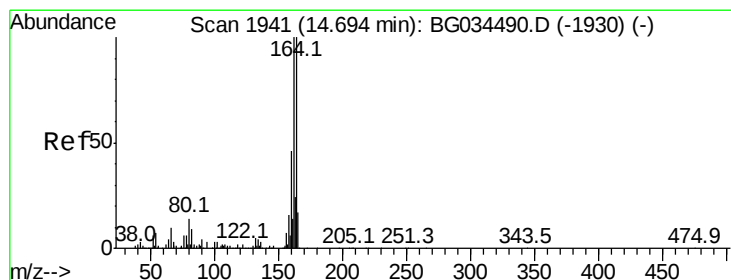
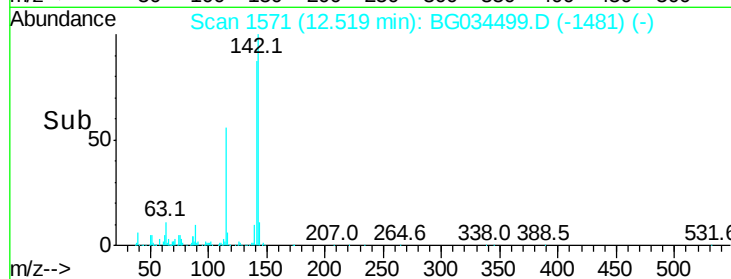
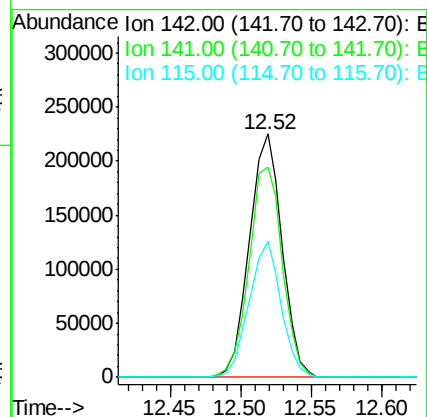
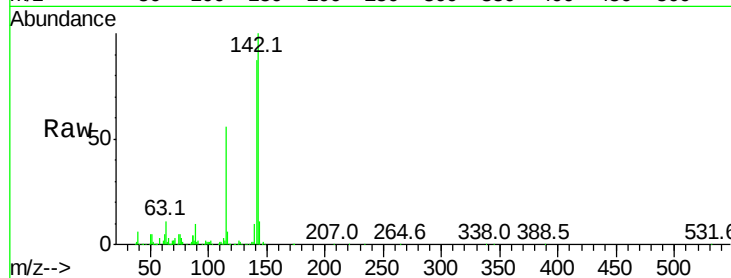




#37
2-Methylnaphthalene
Concen: 40.529 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

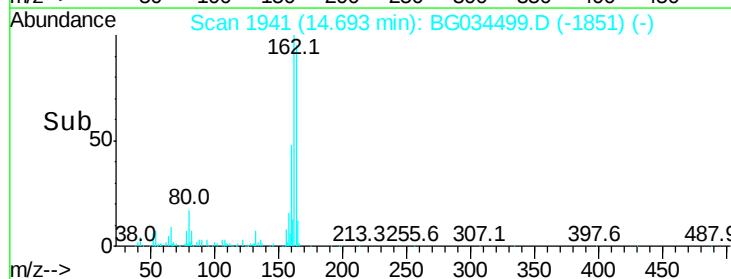
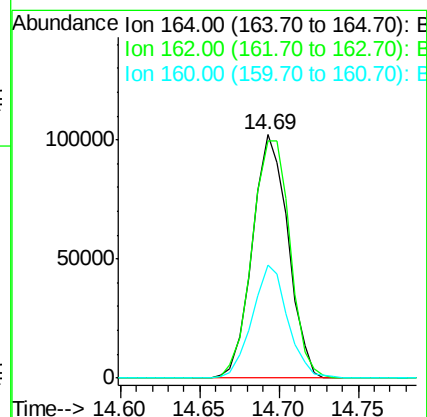
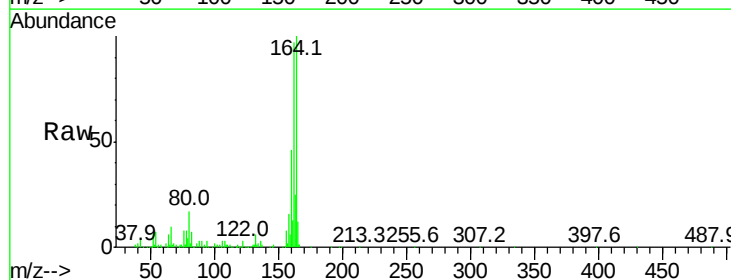
Instrument :
BNA_G
ClientSampleId :

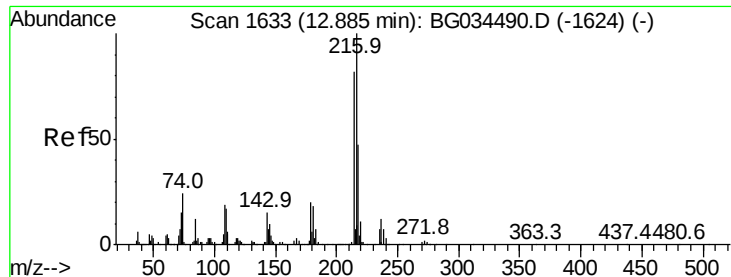
Tot Ion:142 Resp: 365312
Ion Ratio Lower Upper
142 100
141 86.6 67.1 100.7
115 56.1 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:164 Resp: 159751
Ion Ratio Lower Upper
164 100
162 97.2 78.8 118.2
160 46.2 35.4 53.0

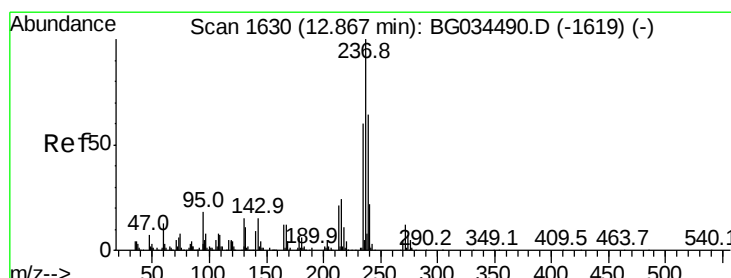
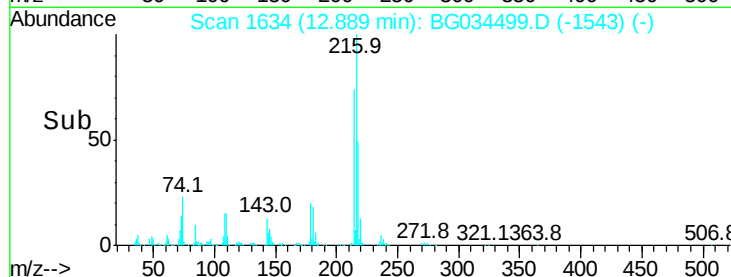
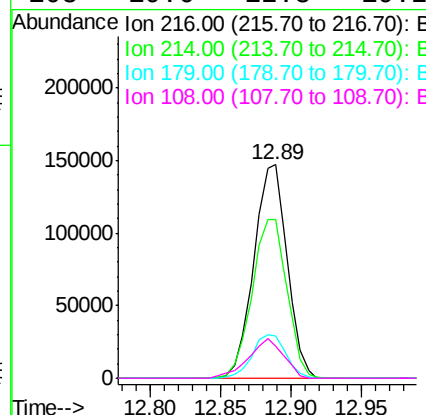
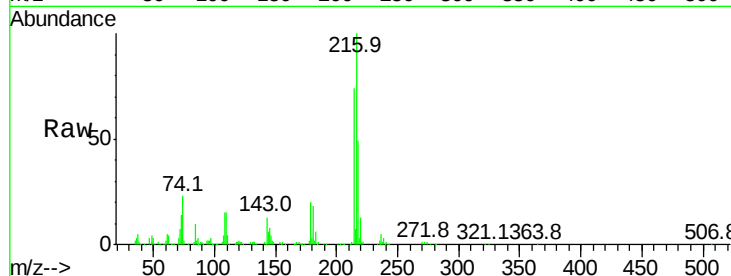




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.601 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

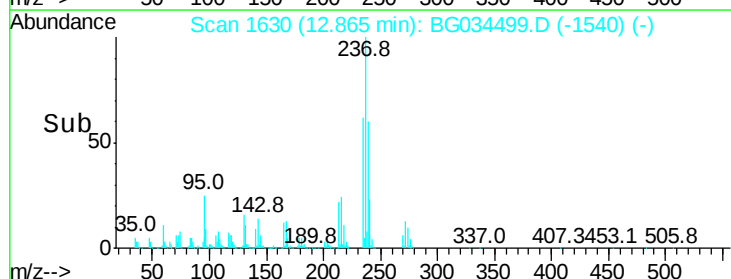
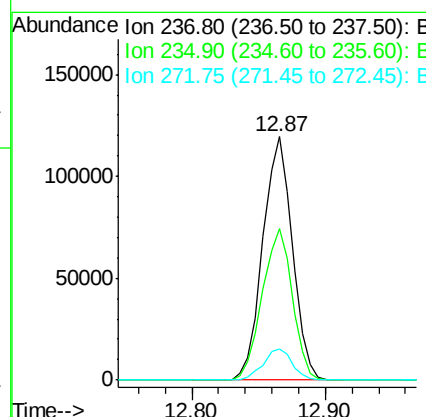
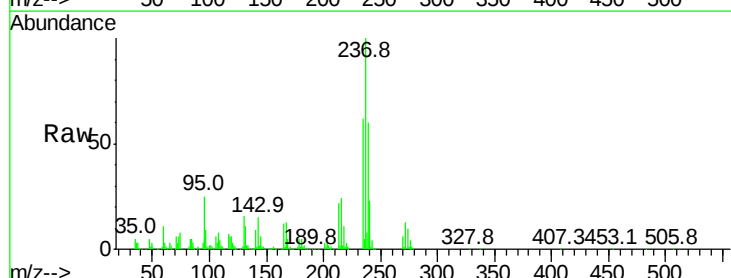
Instrument :
 BNA_G
 ClientSampleId :

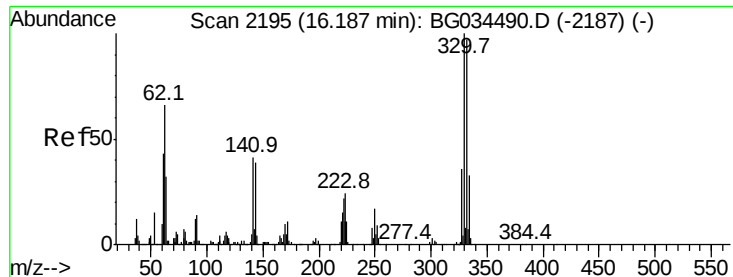
Tot Ion:	216	Resp:	243753
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	20.6	17.0	25.6
108	19.6	12.8	19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 38.774 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:	237	Resp:	182285
Ion	Ratio	Lower	Upper
237	100		
235	62.2	50.4	90.4
272	12.6	0.0	31.8

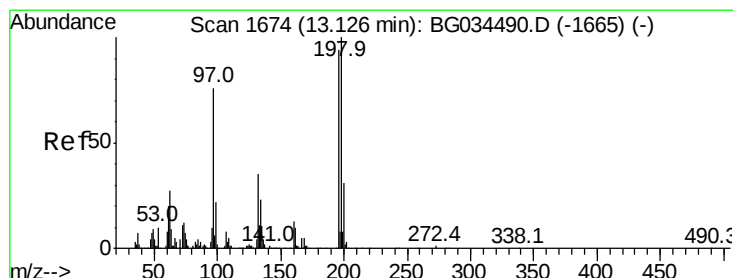
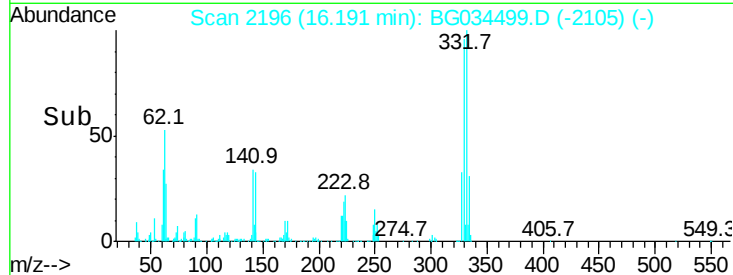
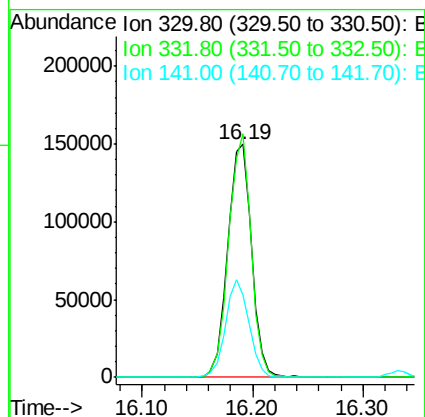
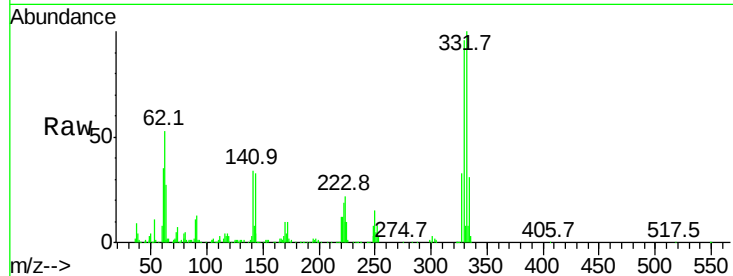




#41
 2,4,6-Tribromophenol
 Concen: 82.506 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

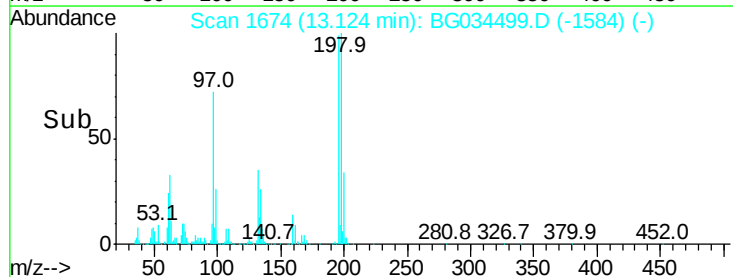
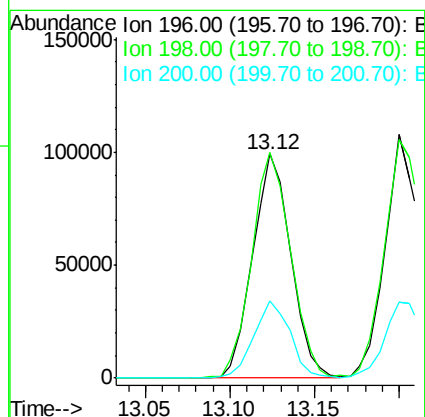
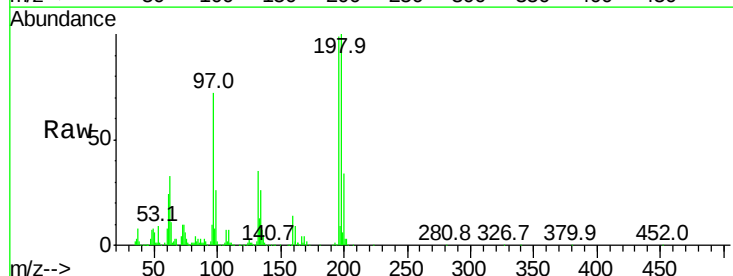
Instrument :
 BNA_G
 ClientSampled :

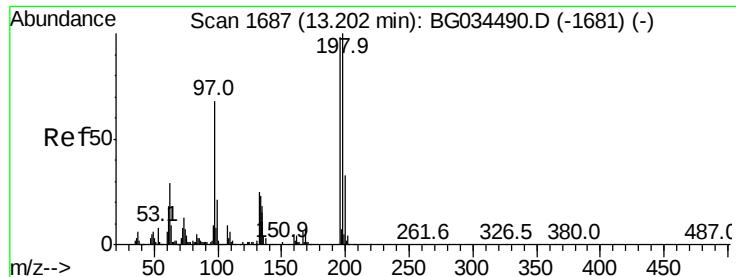
Tot Ion:330 Resp: 227001
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 40.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 41.584 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:196 Resp: 155319
 Ion Ratio Lower Upper
 196 100
 198 100.6 78.2 117.2
 200 34.4 24.6 36.8





#43

2,4,5-Trichlorophenol

Concen: 39.853 ng

RT: 13.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: BG034499.D

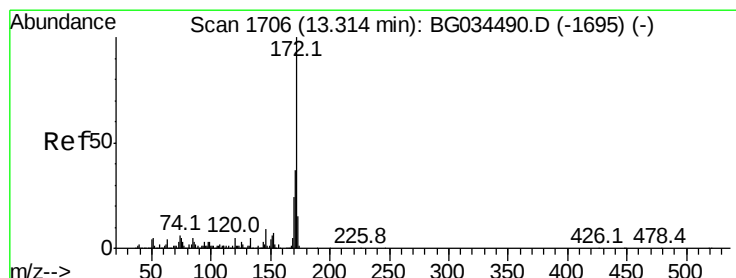
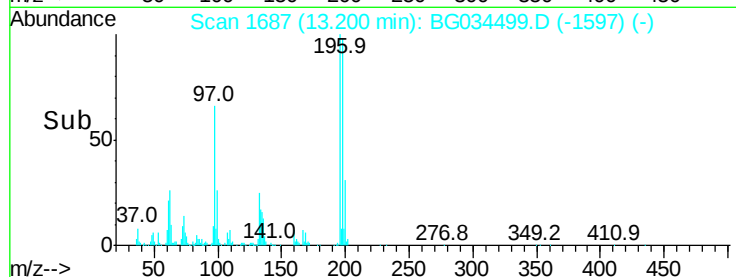
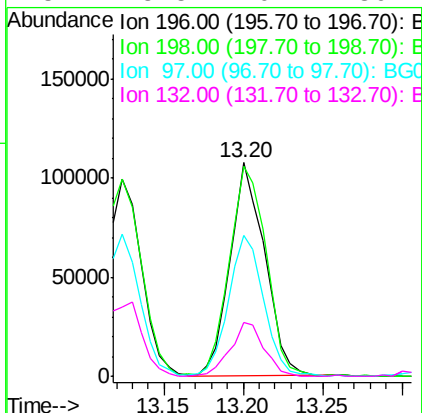
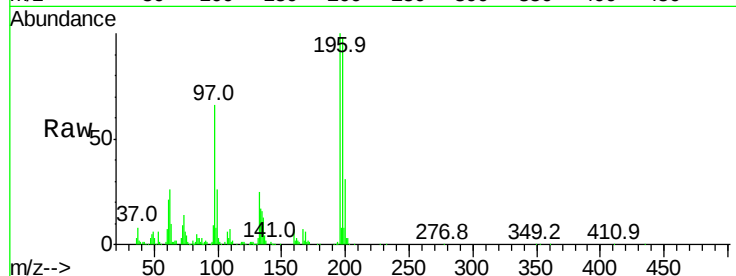
Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	196	Resp:	163325
Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.2	114.4
97	65.9	38.7	58.1#
132	25.5	20.2	30.2



#44

2-Fluorobiphenyl

Concen: 80.185 ng

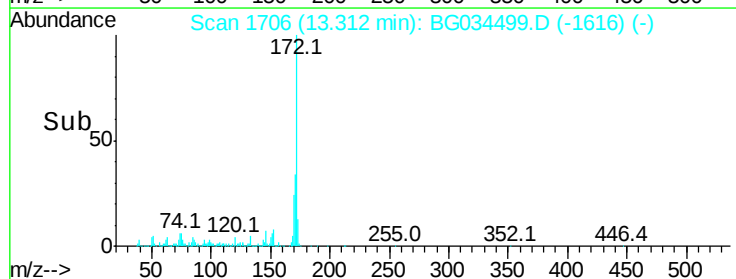
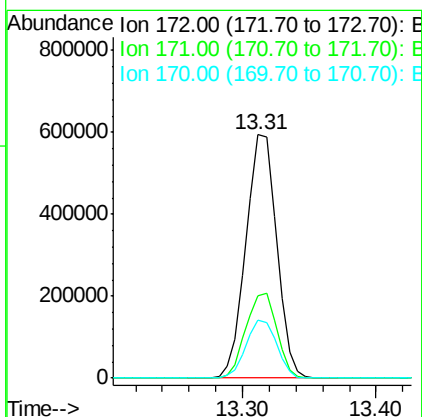
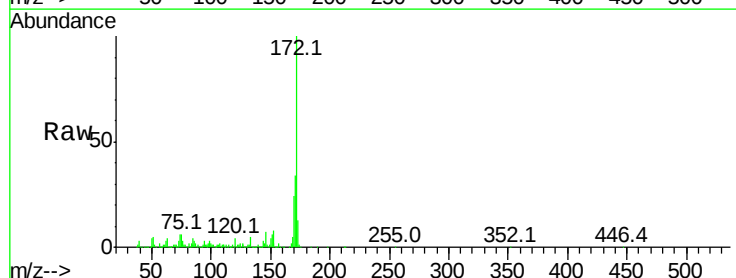
RT: 13.31 min Scan# 1706

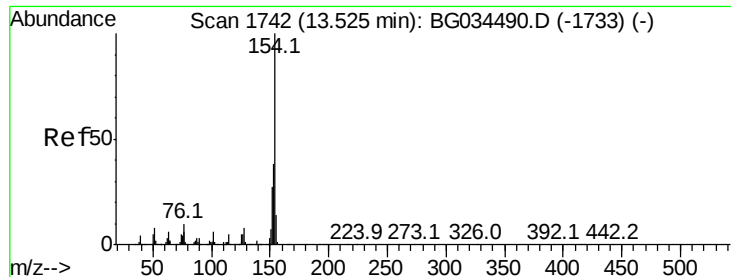
Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:	172	Resp:	943528
Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	24.1	19.5	29.3

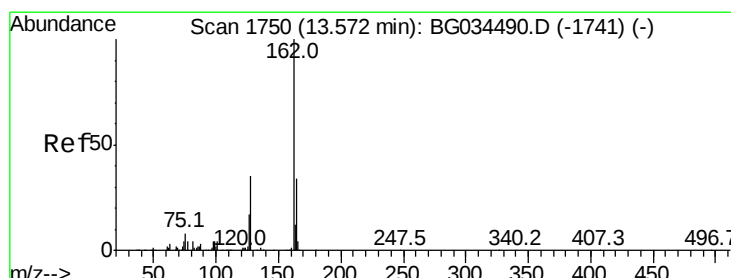
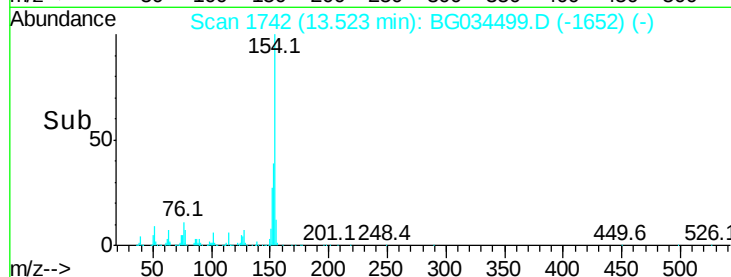
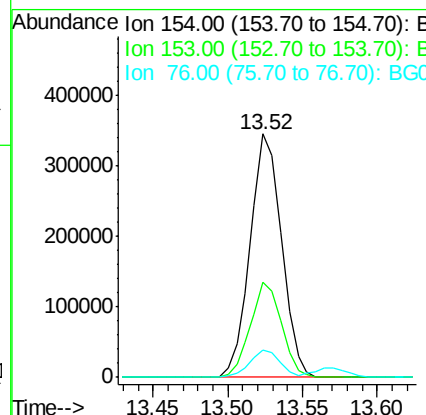
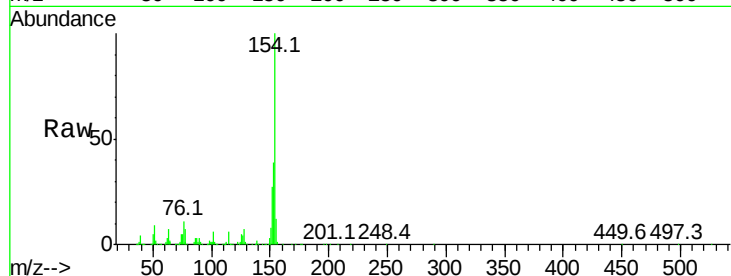




#45
 1,1'-Biphenyl
 Concen: 39.959 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

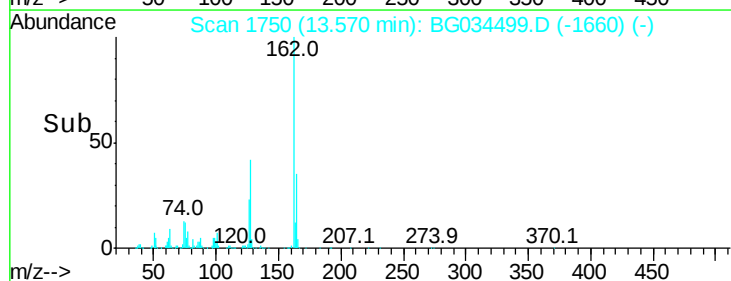
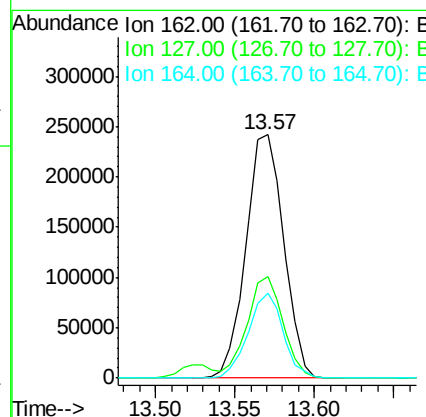
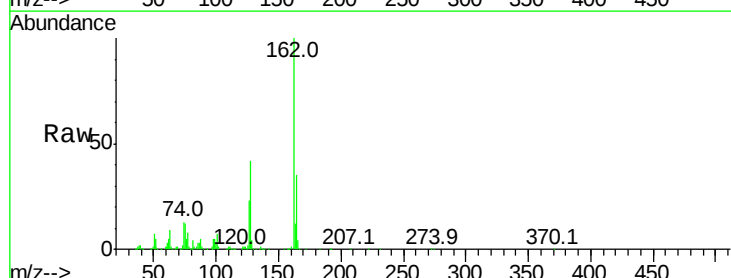
Instrument :
 BNA_G
 ClientSampleId :

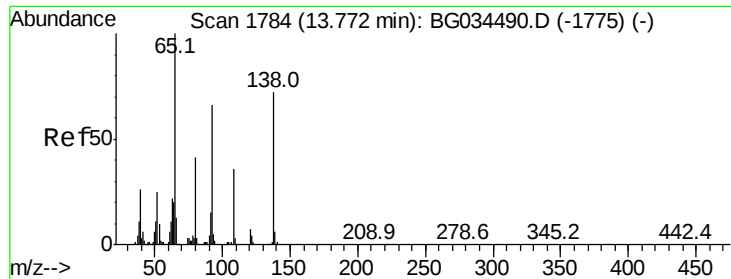
Tot Ion:	154	Resp:	502761
Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.8	59.8
76	11.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 40.456 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:	162	Resp:	400665
Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.7	46.1
164	35.0	26.0	39.0

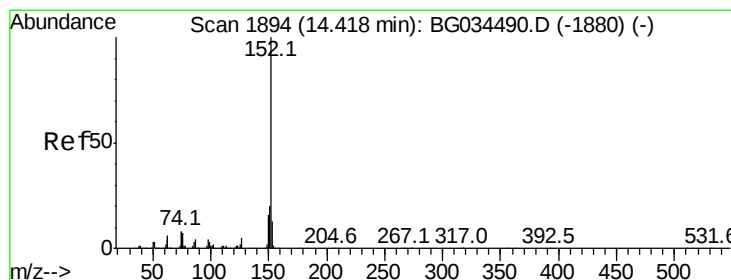
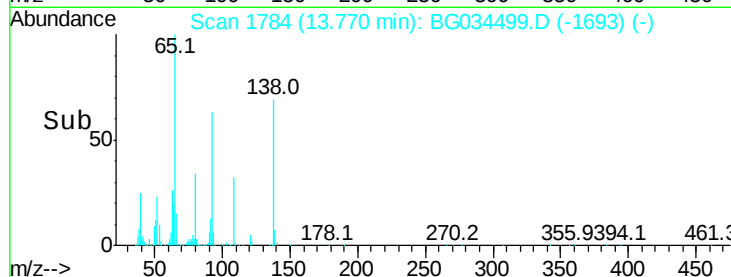
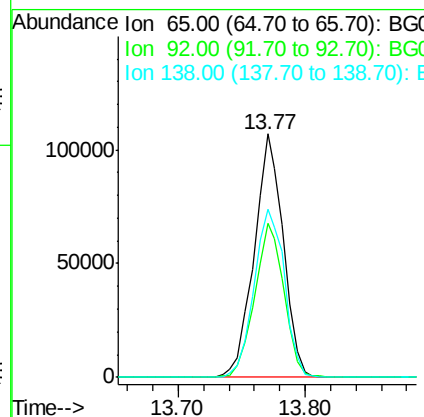
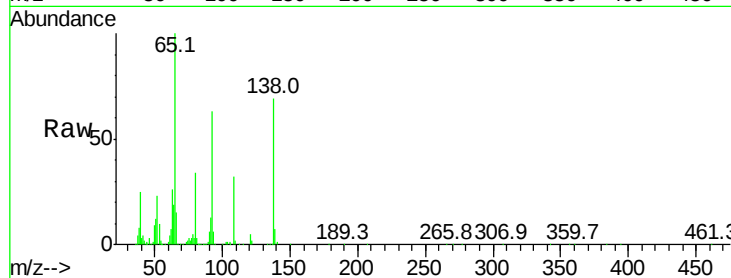




#47
2-Nitroaniline
Concen: 42.274 ng
RT: 13.77 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

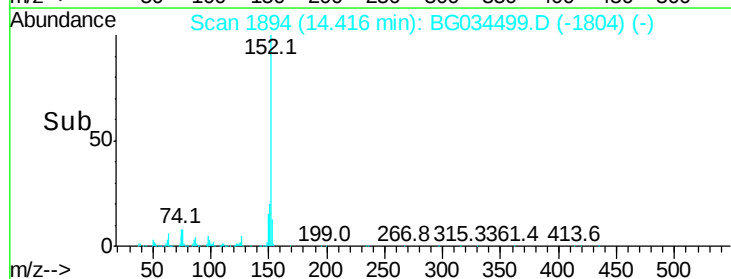
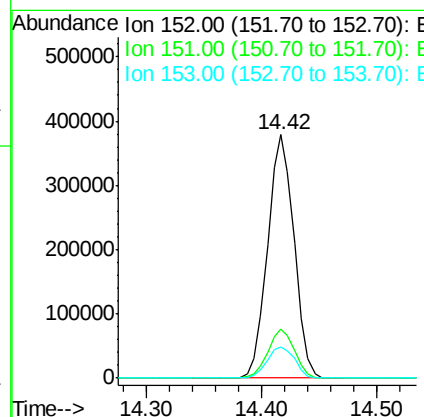
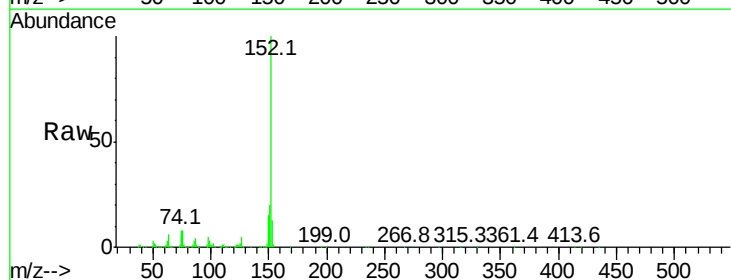
Instrument :
BNA_G
ClientSampleId :

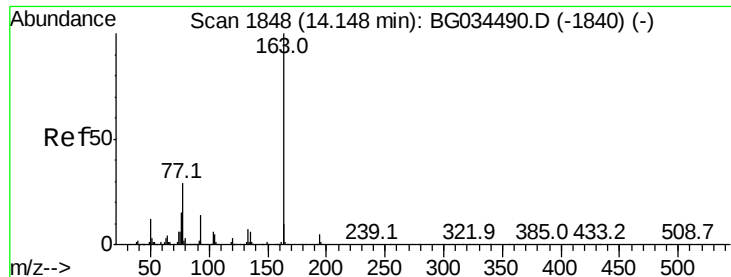
Tot Ion: 65 Resp: 171044
Ion Ratio Lower Upper
65 100
92 63.2 54.6 82.0
138 68.8 72.9 109.3#



#48
Acenaphthylene
Concen: 39.867 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion: 152 Resp: 604246
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 12.8 10.2 15.4





#49

Dimethylphthalate

Concen: 40.133 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

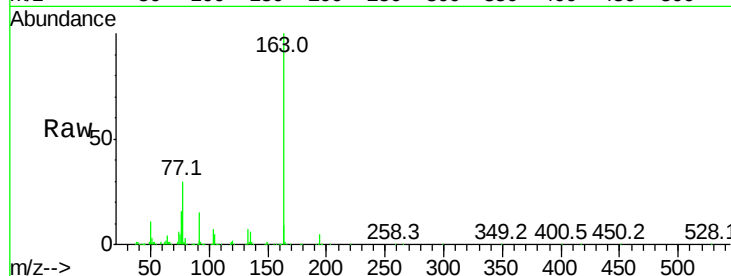
Tot Ion:163 Resp: 553393

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

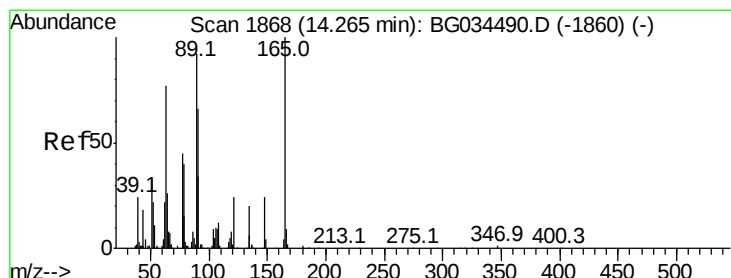
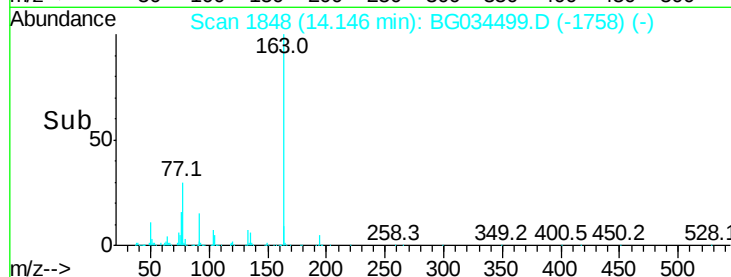
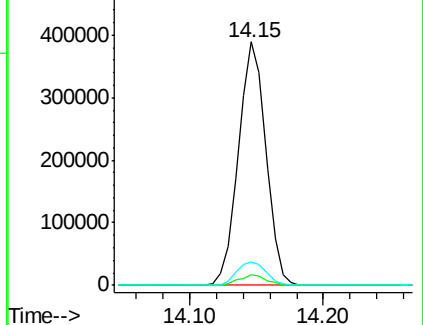
164 9.4 8.2 12.4



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: 41.846 ng

RT: 14.27 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

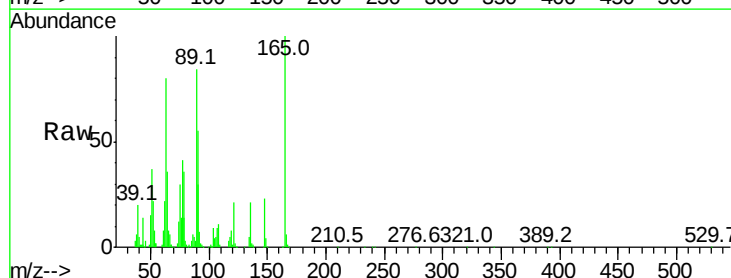
Tgt Ion:165 Resp: 118328

Ion Ratio Lower Upper

165 100

63 80.1 52.7 79.1#

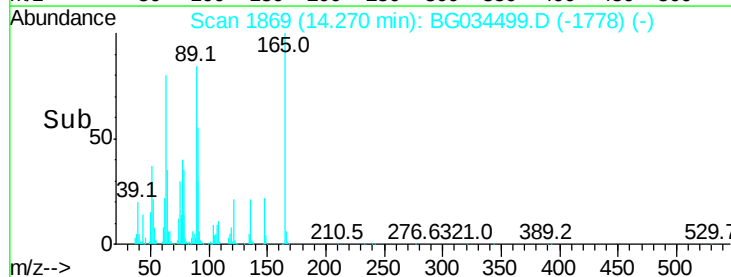
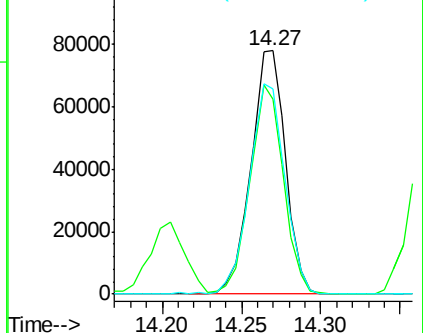
89 84.5 49.2 73.8#

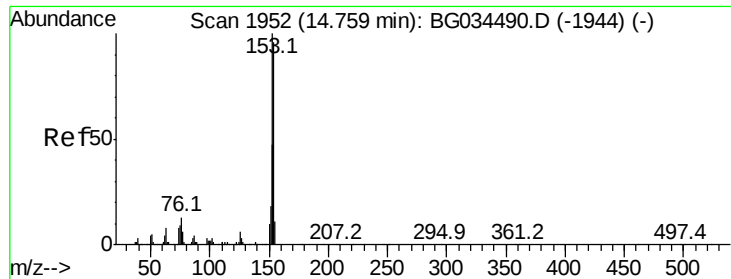


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.283 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

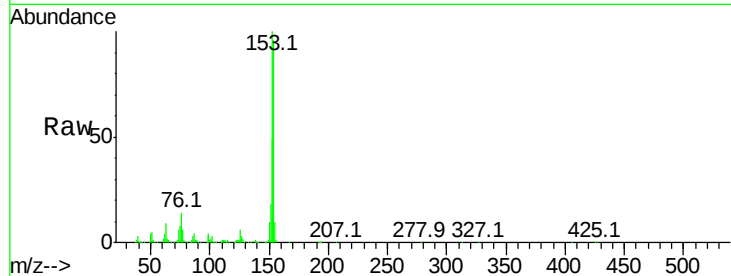
Tot Ion:154 Resp: 395817

Ion Ratio Lower Upper

154 100

153 104.0 90.4 135.6

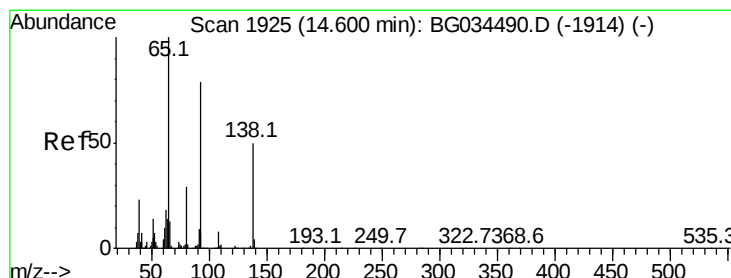
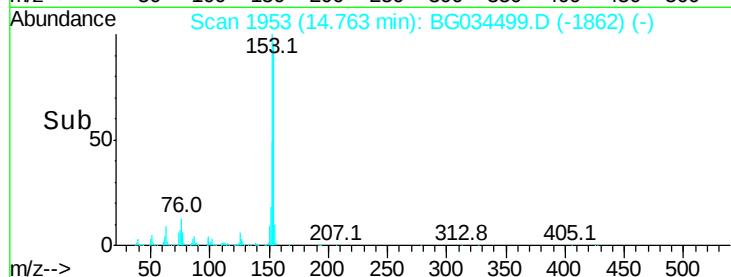
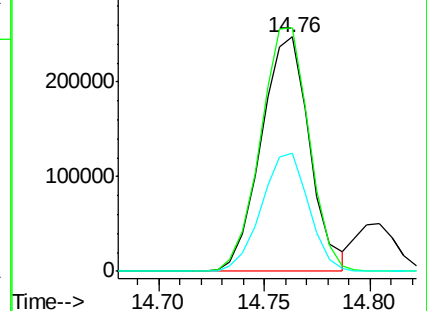
152 50.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.717 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

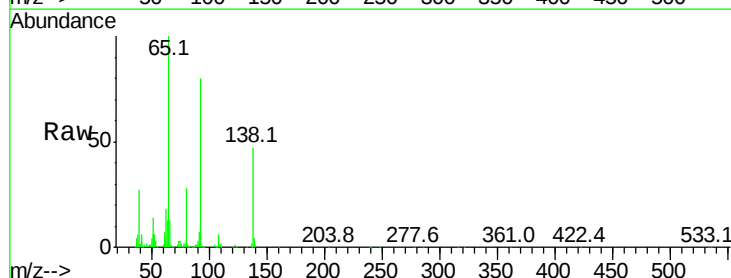
Tgt Ion:138 Resp: 109029

Ion Ratio Lower Upper

138 100

108 13.3 17.5 26.3#

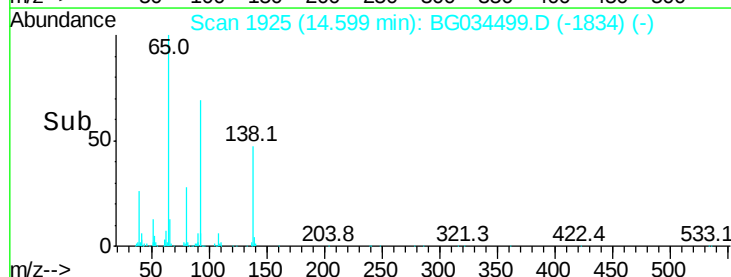
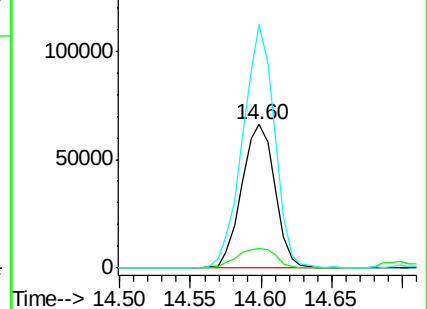
92 169.5 105.8 158.8#

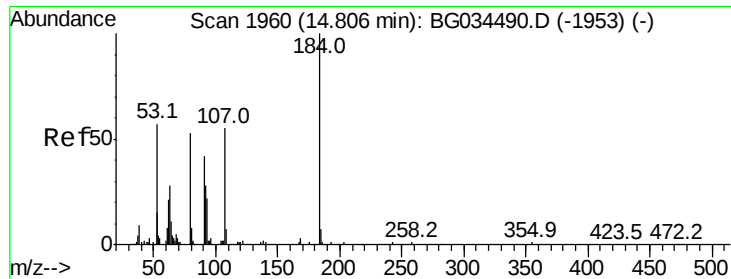


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

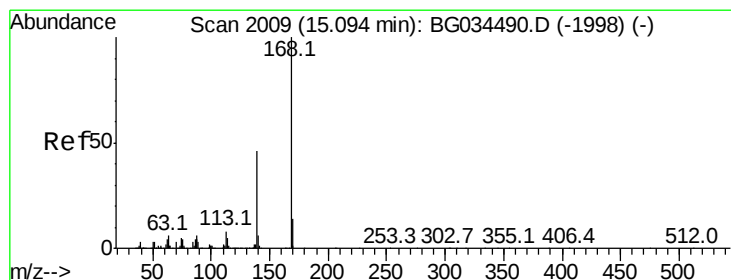
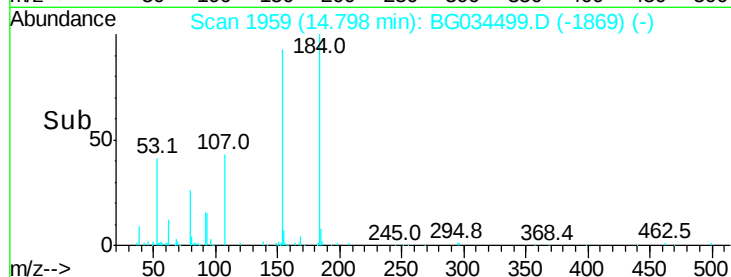
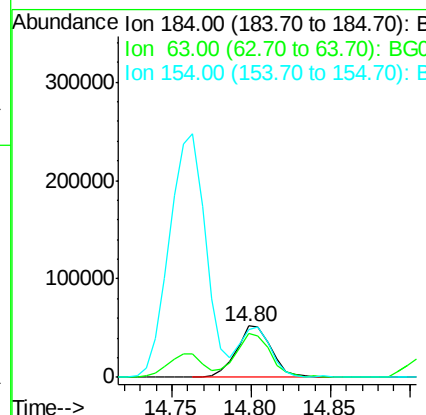
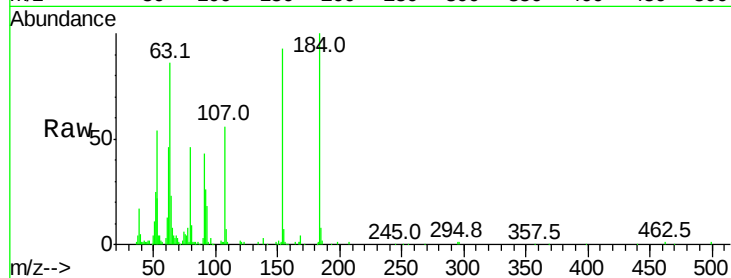




#53
2,4-Dinitrophenol
Concen: 43.106 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

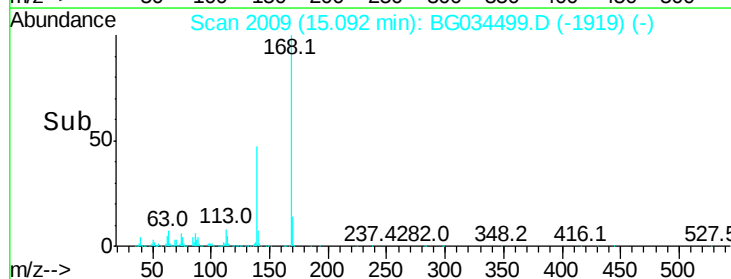
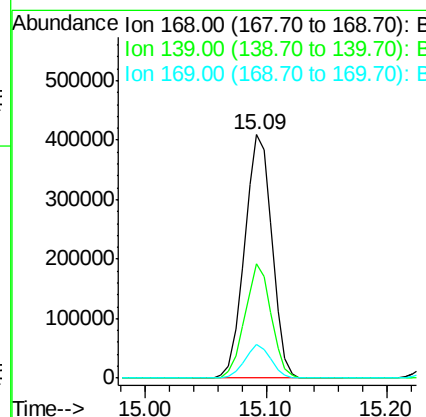
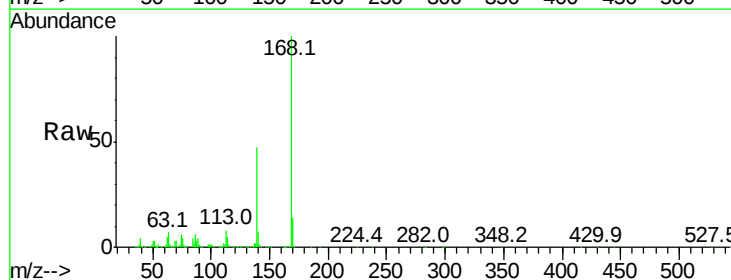
Instrument :
BNA_G
ClientSampleId :

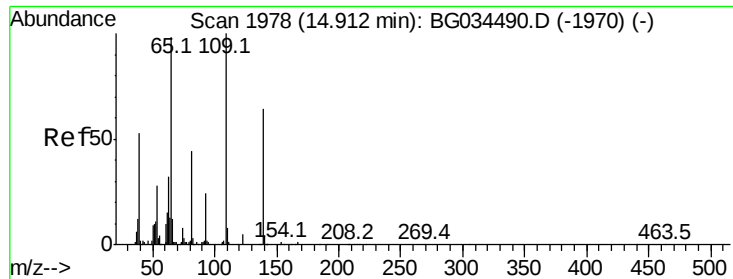
Tot Ion:184 Resp: 80192
Ion Ratio Lower Upper
184 100
63 85.8 59.8 89.8
154 93.0 101.8 152.8#



#54
Dibenzofuran
Concen: 39.967 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:168 Resp: 644175
Ion Ratio Lower Upper
168 100
139 46.7 28.6 43.0#
169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 43.622 ng

RT: 14.92 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

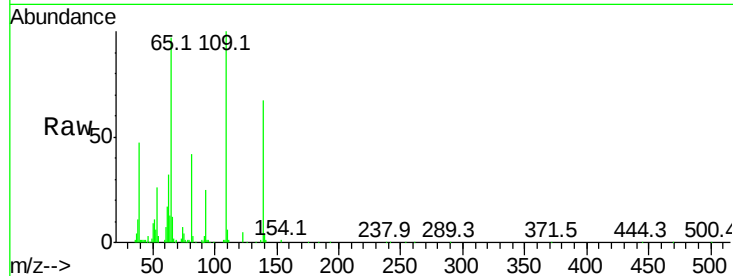
Tot Ion:139 Resp: 100185

Ion Ratio Lower Upper

139 100

109 150.2 62.2 102.2#

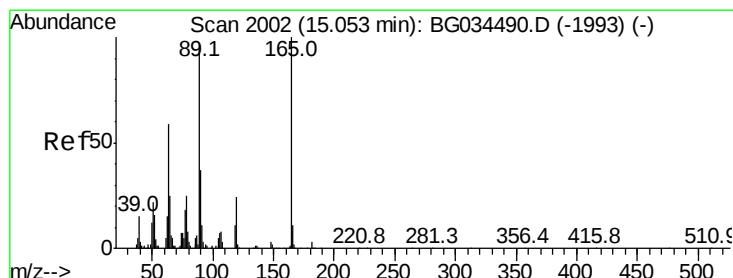
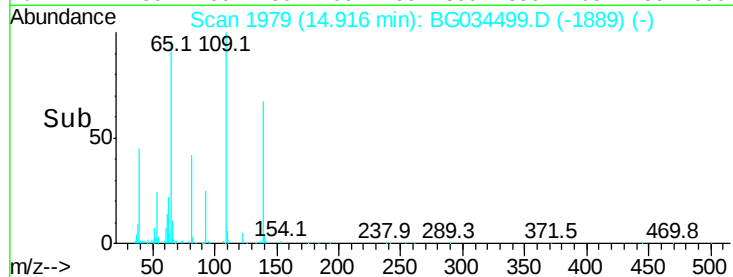
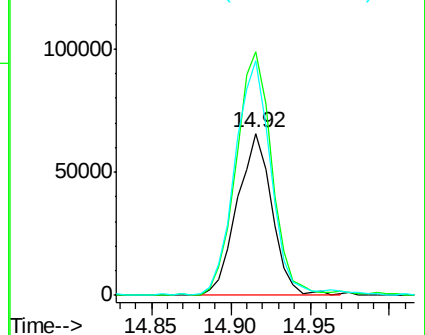
65 145.1 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 42.431 ng

RT: 15.06 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:165 Resp: 178104

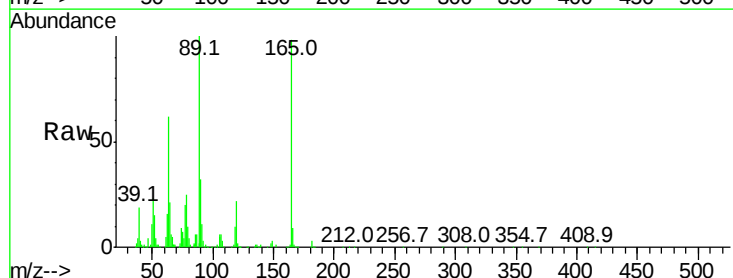
Ion Ratio Lower Upper

165 100

63 63.5 42.0 63.0#

89 101.6 66.9 100.3#

182 3.0 2.6 3.8

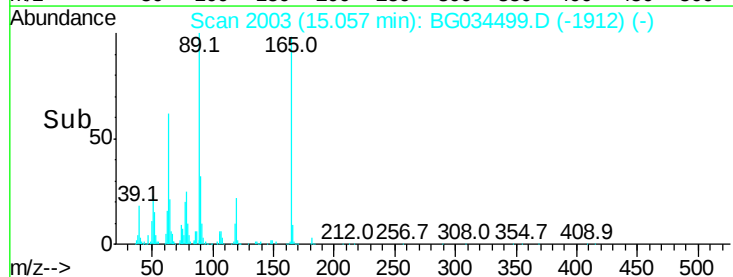
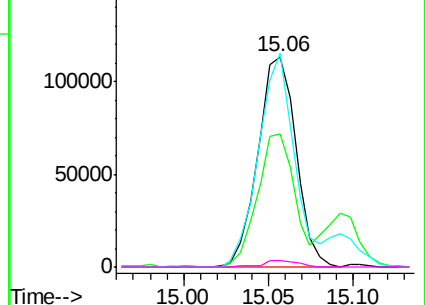


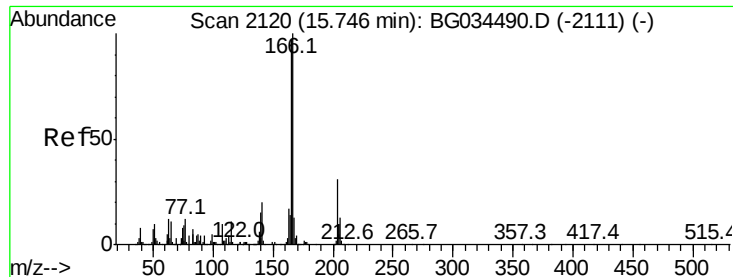
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.739 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

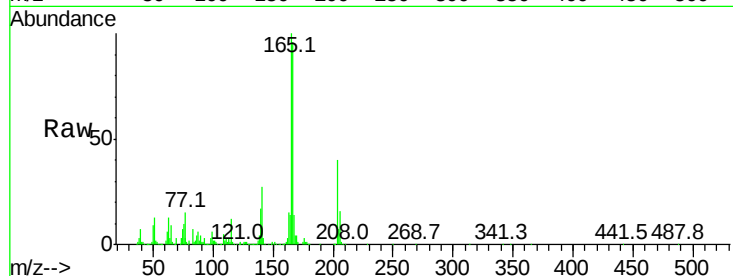
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 499887

Ion	Ratio	Lower	Upper
166	100		
165	104.2	80.6	121.0
167	14.6	10.4	15.6



Abundance

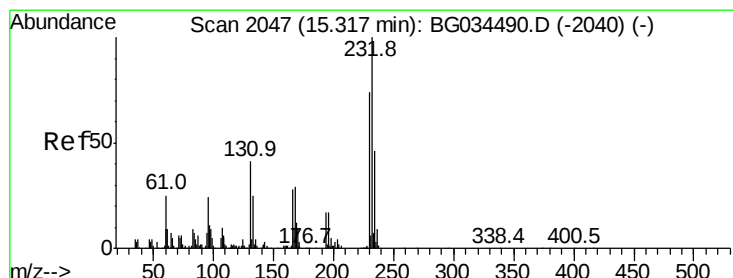
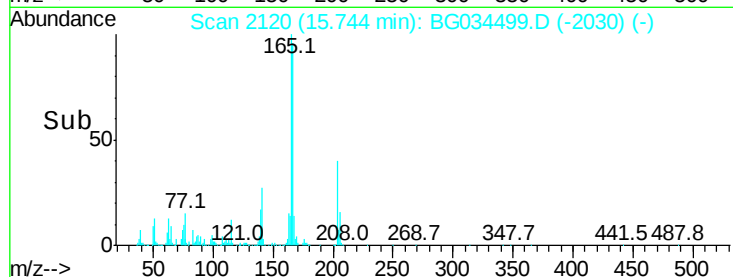
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.74

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.177 ng

RT: 15.32 min Scan# 2048

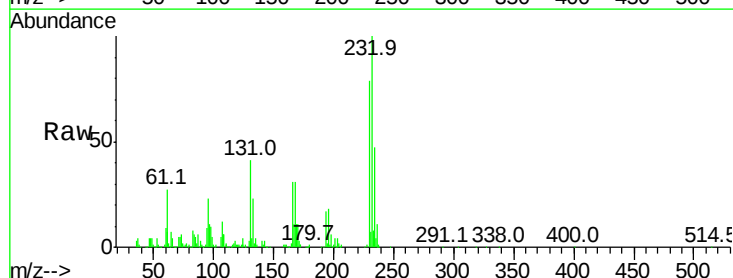
Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:232 Resp: 179619

Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.5	50.3
130	3.0	2.2	3.2
166	29.5	24.8	37.2



Abundance

Ion 232.00 (231.70 to 232.70): E

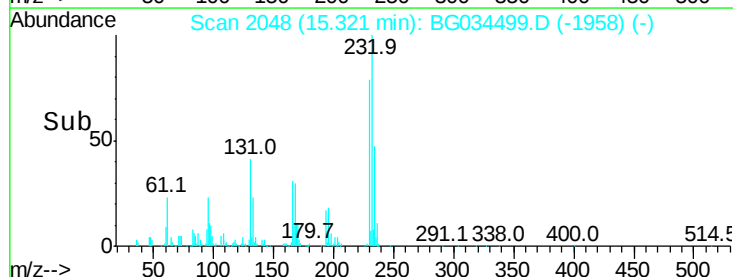
Ion 131.00 (130.70 to 131.70): E

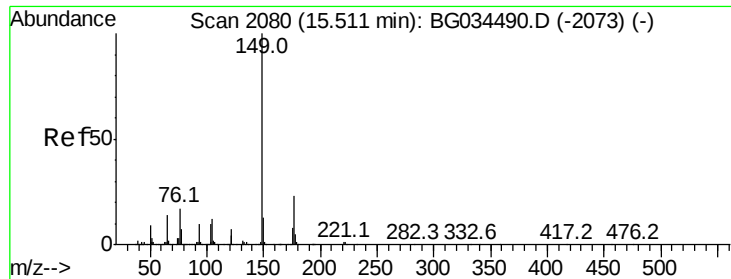
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.32

Time-->

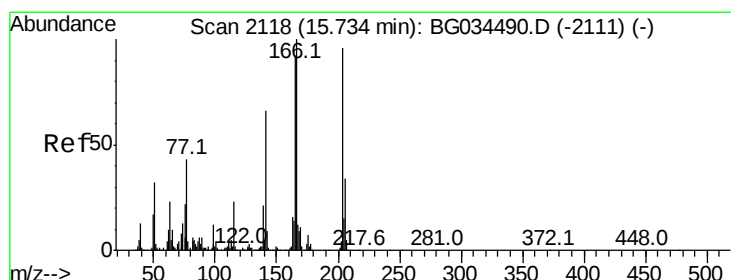
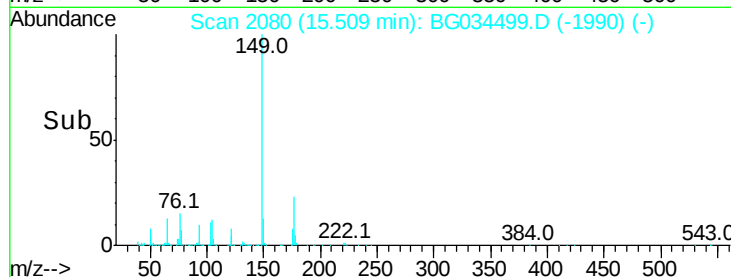
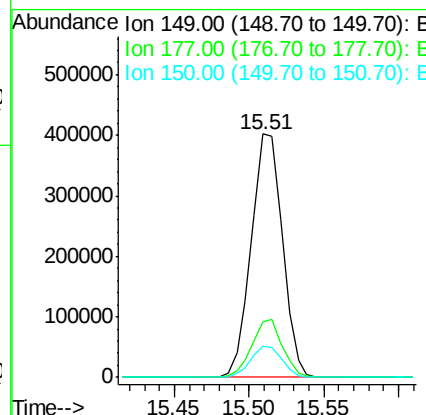
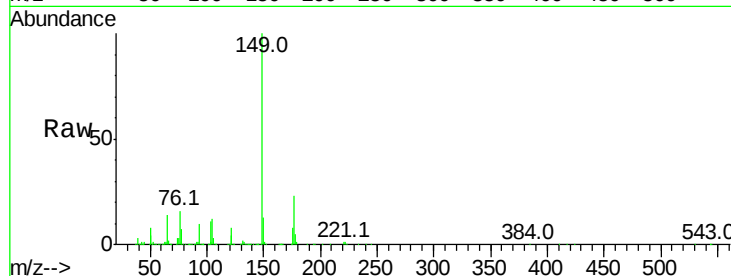




#59
Diethylphthalate
Concen: 40.391 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

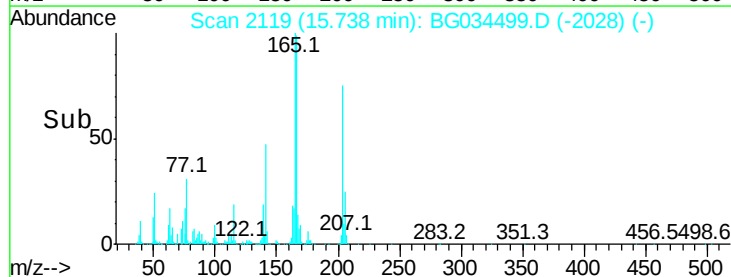
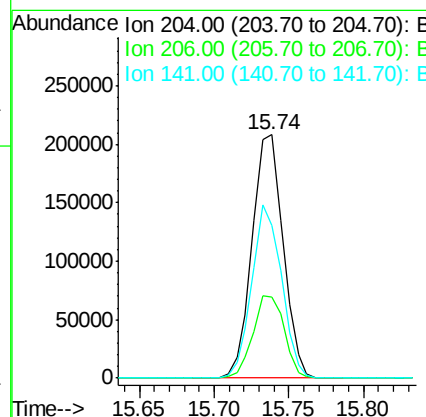
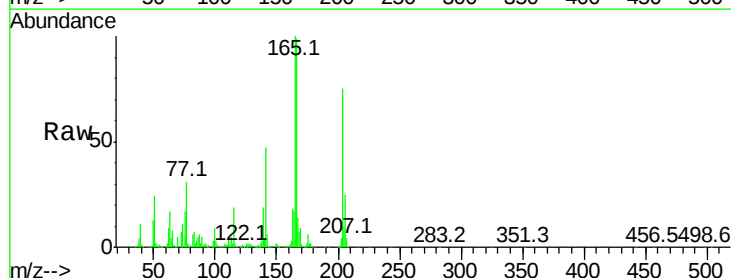
Instrument :
BNA_G
ClientSampleId :

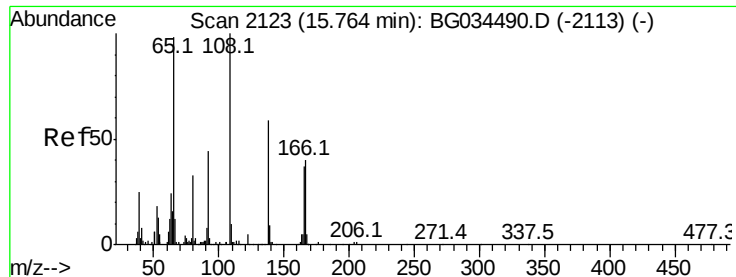
Tot Ion:149 Resp: 579214
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.852 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:204 Resp: 297698
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 62.6 45.8 68.6





#61

4-Nitroaniline

Concen: 39.253 ng

RT: 15.77 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

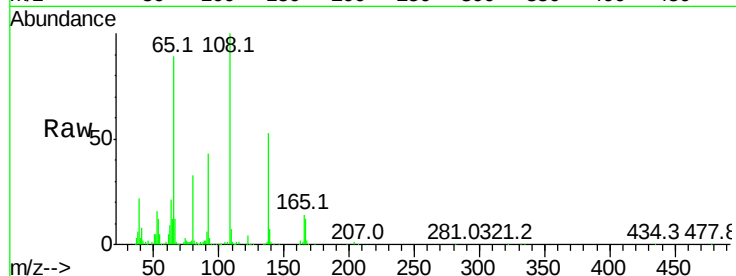
Tot Ion:138 Resp: 116301

Ion Ratio Lower Upper

138 100

92 80.9 40.1 80.1#

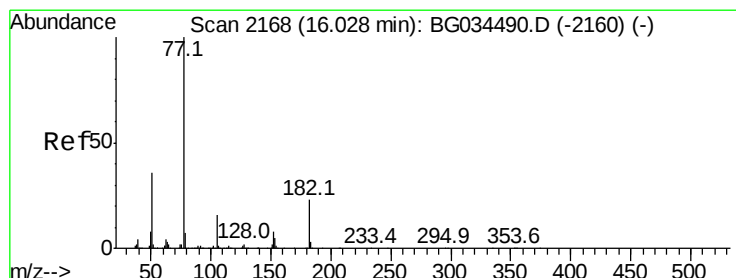
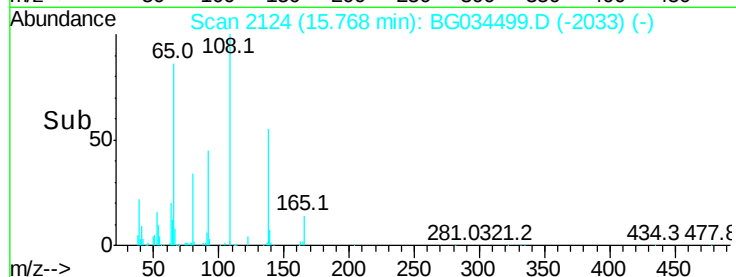
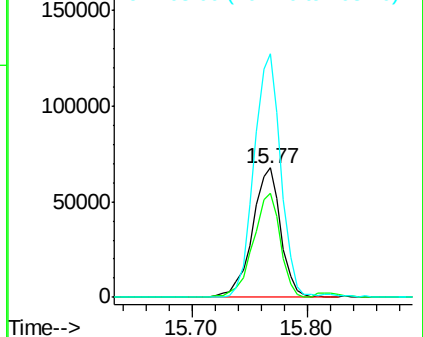
108 188.4 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.938 ng

RT: 16.03 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion: 77 Resp: 623212

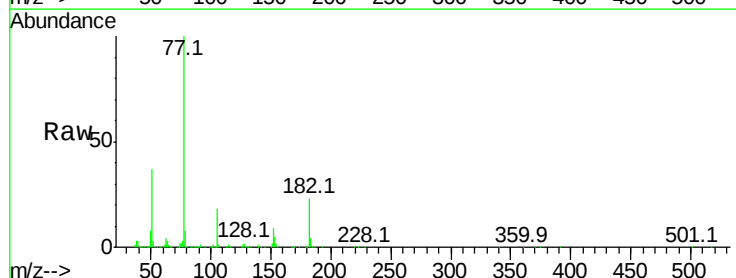
Ion Ratio Lower Upper

77 100

182 22.7 7.4 47.4

105 17.8 0.3 40.3

51 37.0 11.6 51.6

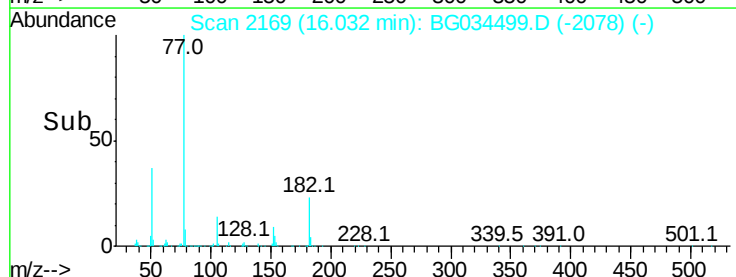
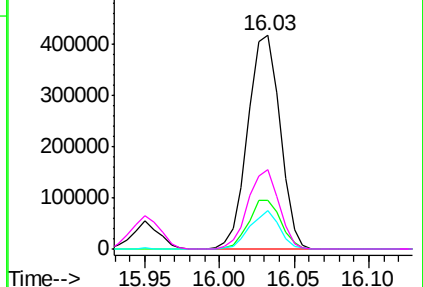


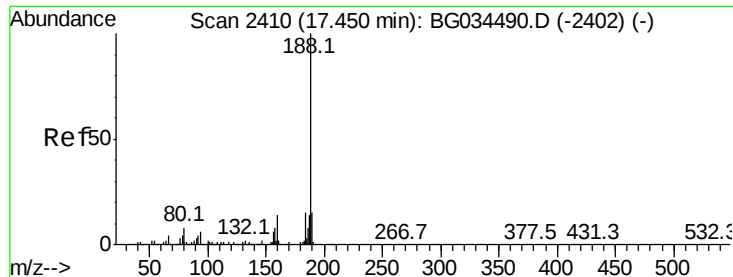
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

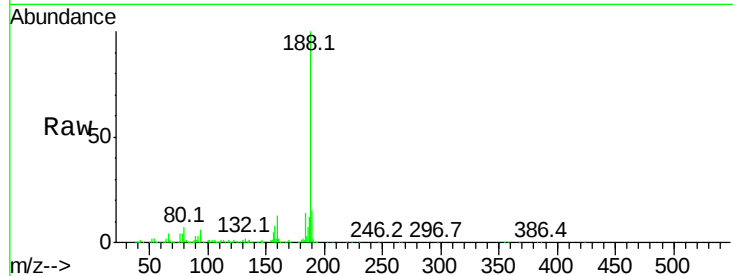
Tot Ion:188 Resp: 406258

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

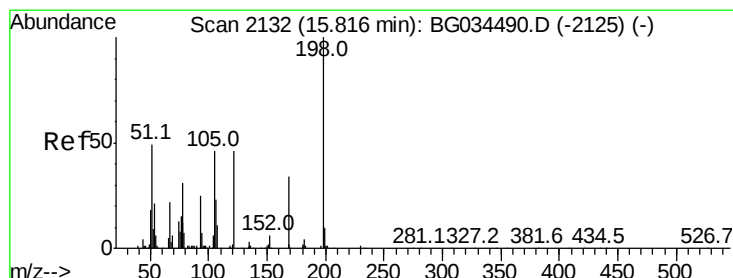
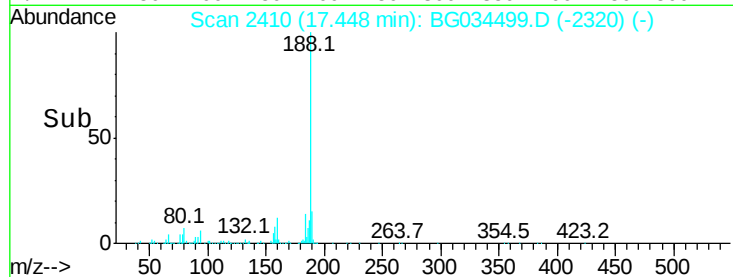
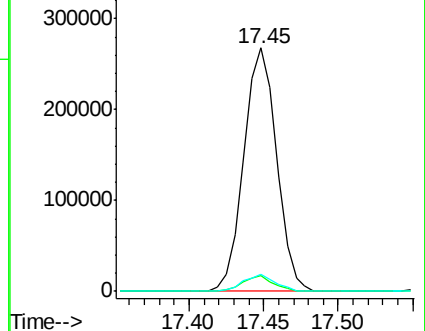
80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.593 ng

RT: 15.82 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

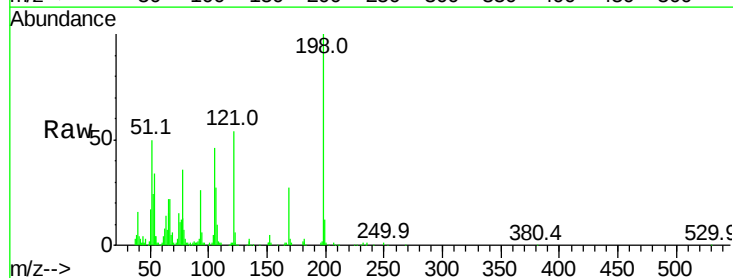
Tgt Ion:198 Resp: 105750

Ion Ratio Lower Upper

198 100

51 50.0 30.6 70.6

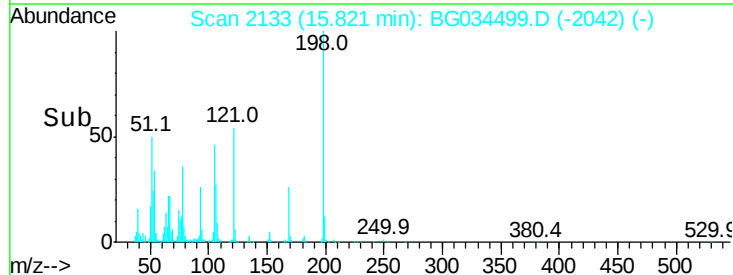
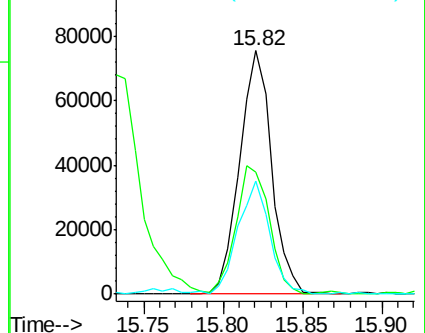
105 46.3 23.8 63.8

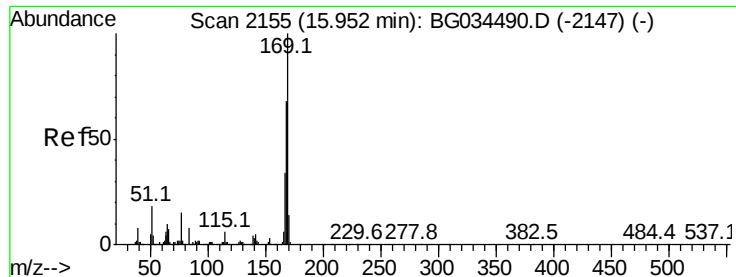


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.552 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

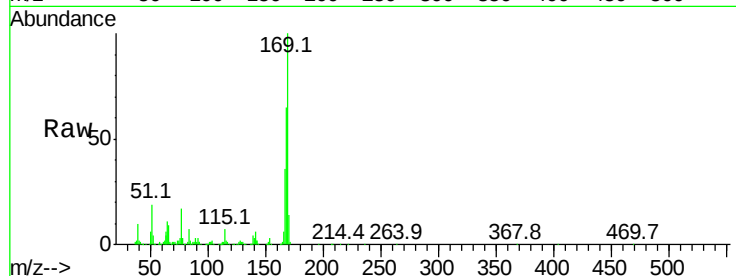
Tot Ion:169 Resp: 469883

Ion Ratio Lower Upper

169 100

168 64.7 55.7 83.5

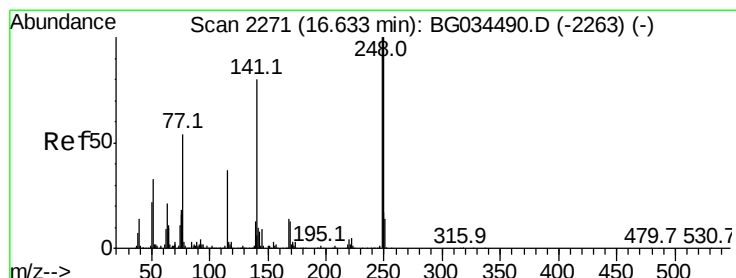
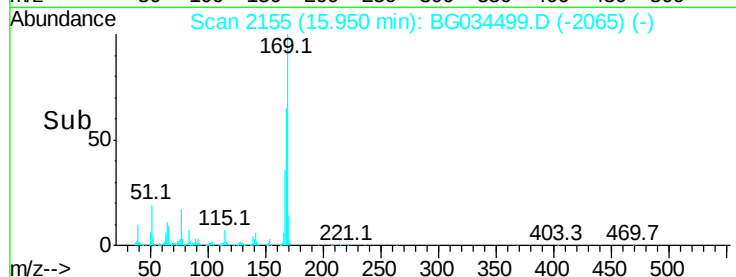
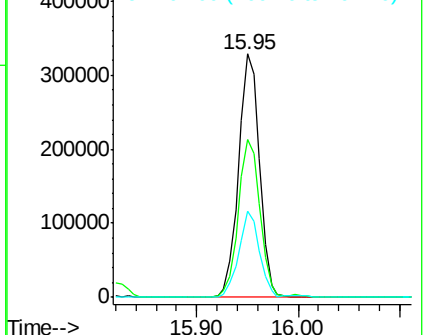
167 35.5 30.1 45.1



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: 41.298 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

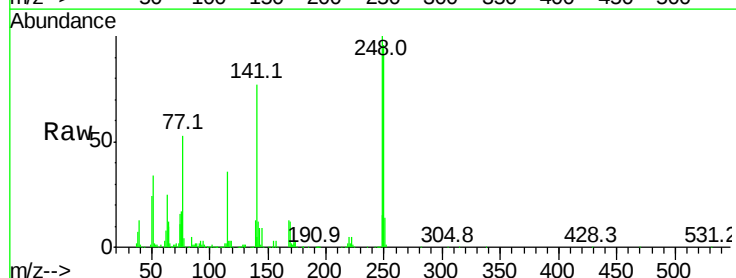
Tgt Ion:248 Resp: 220798

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

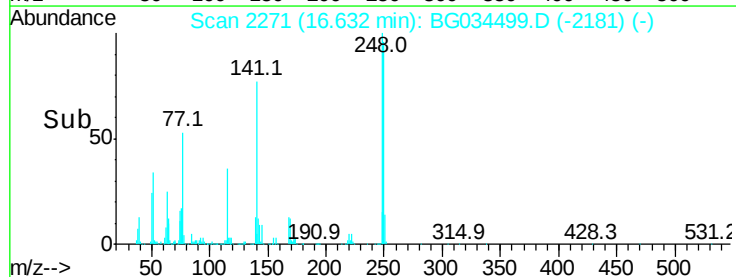
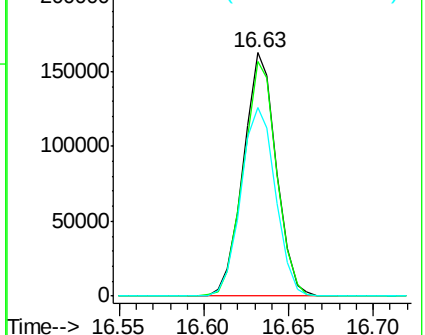
141 77.4 50.8 76.2#

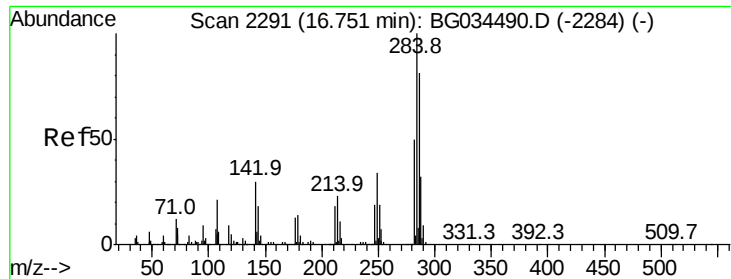


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.023 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

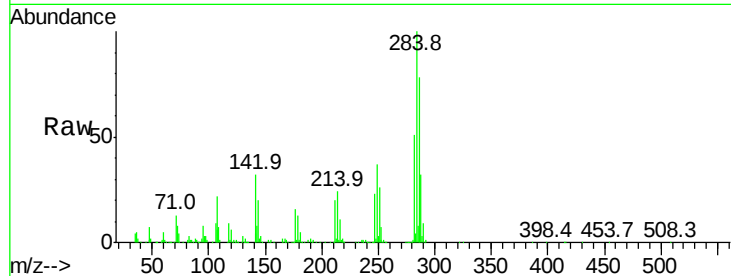
Tot Ion:284 Resp: 236459

Ion Ratio Lower Upper

284 100

142 31.5 26.8 40.2

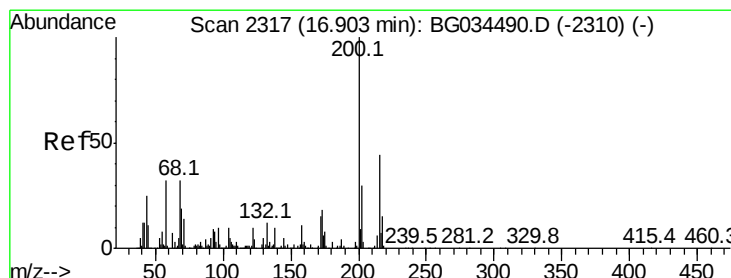
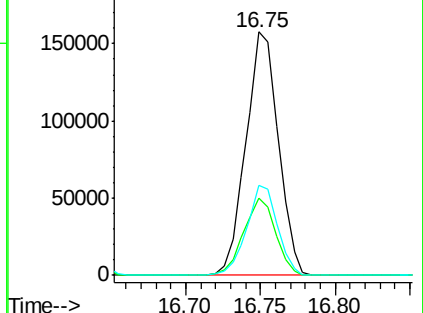
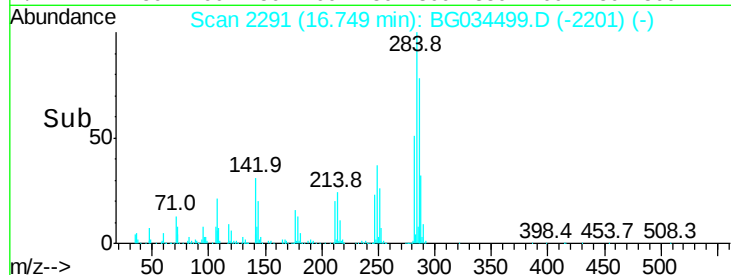
249 36.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.715 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

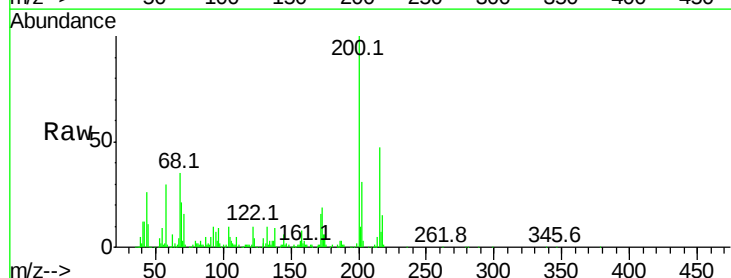
Tgt Ion:200 Resp: 209100

Ion Ratio Lower Upper

200 100

173 18.9 5.2 45.2

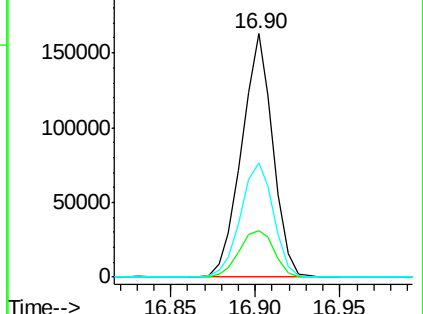
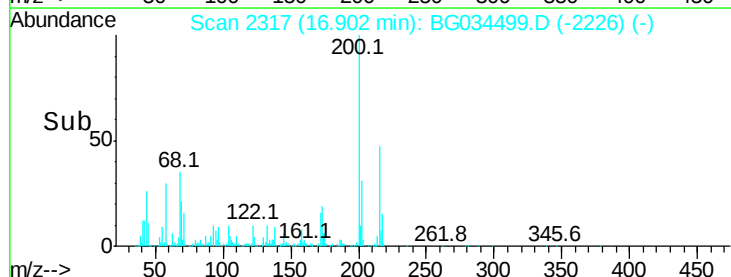
215 46.8 30.4 70.4

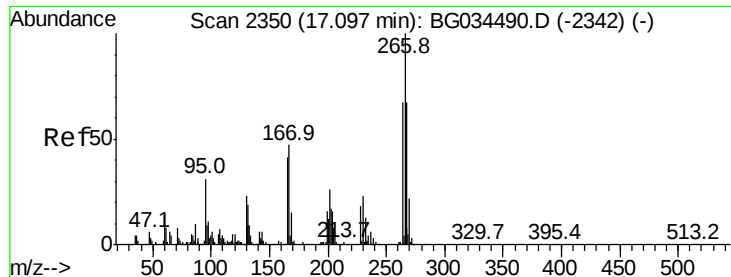


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

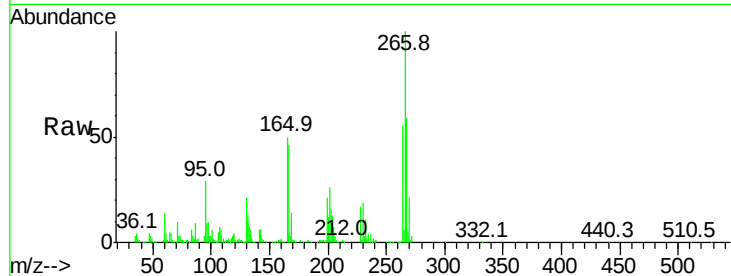




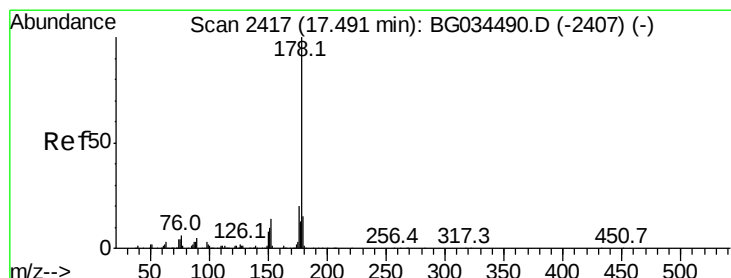
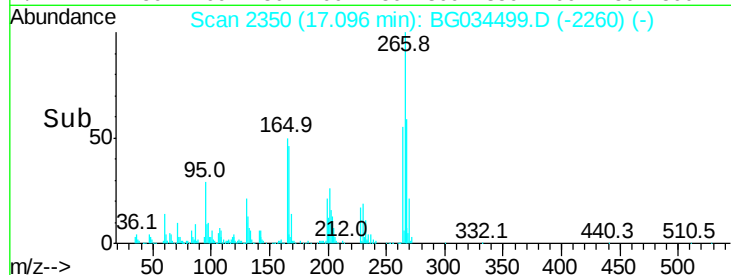
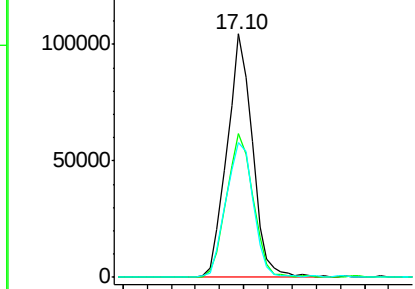
#69
 Pentachlorophenol
 Concen: 43.128 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.2	51.1	76.7
264	55.3	49.6	74.4

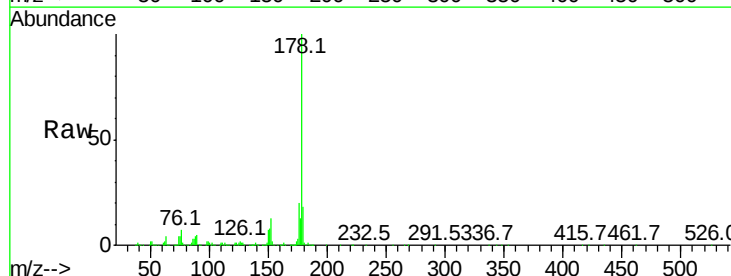


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

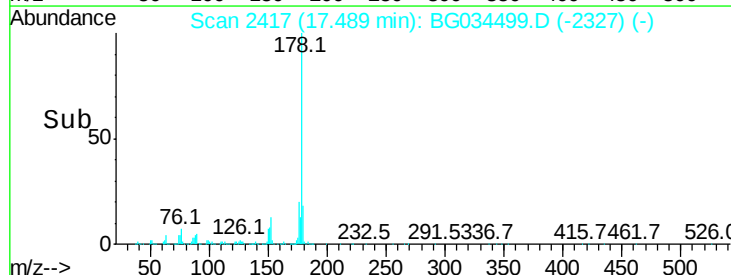
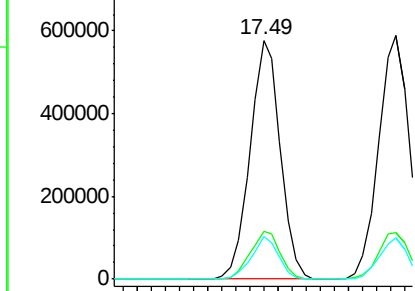


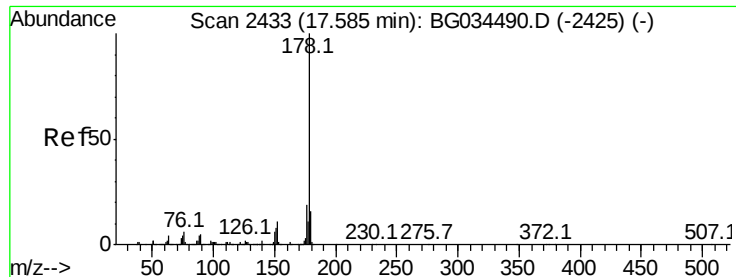
#70
 Phenanthrene
 Concen: 39.098 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	18.0	12.5	18.7



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





#71

Anthracene

Concen: 39.595 ng

RT: 17.58 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

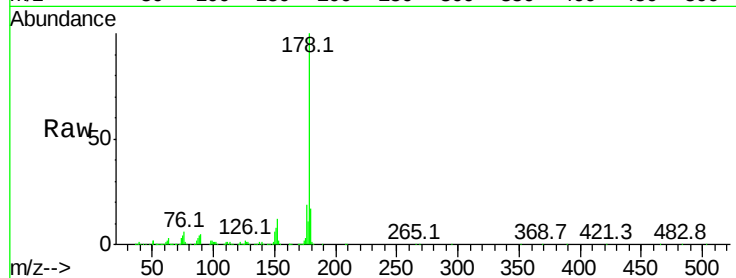
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 887775

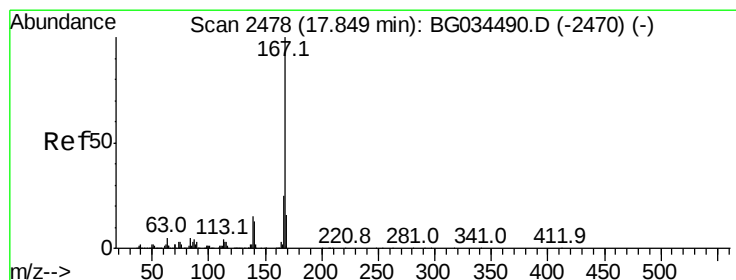
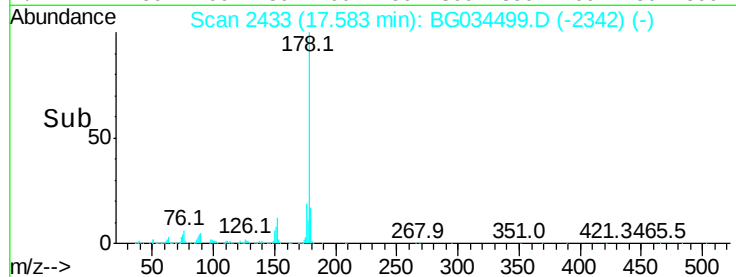
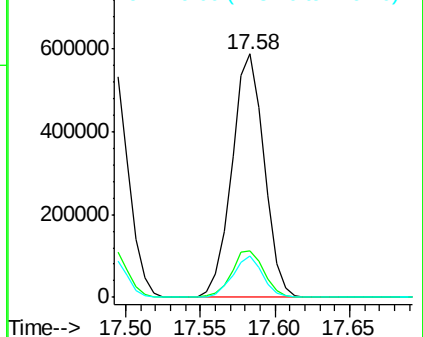
Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	17.2	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.710 ng

RT: 17.85 min Scan# 2479

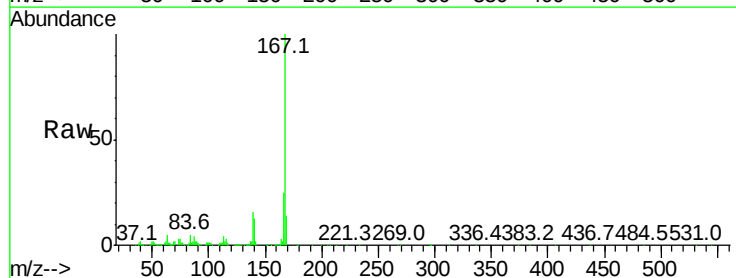
Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:167 Resp: 736834

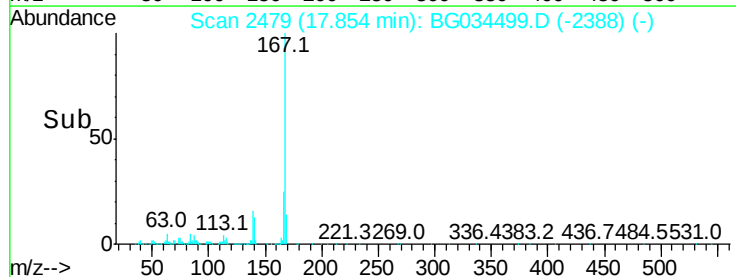
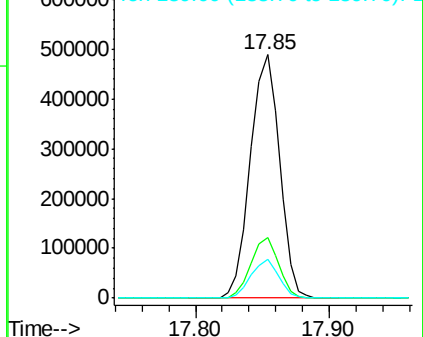
Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.2	27.4
139	15.9	9.4	14.2

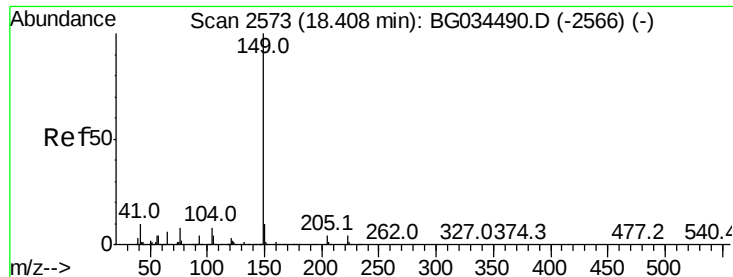


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.511 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG034499.D

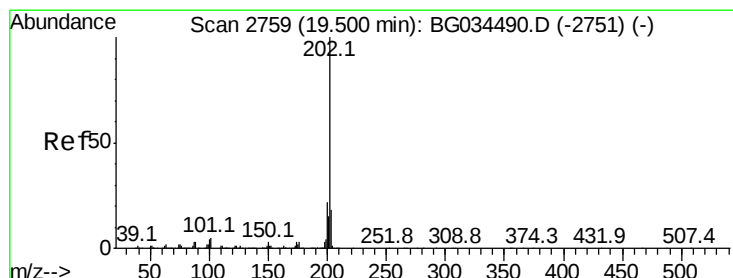
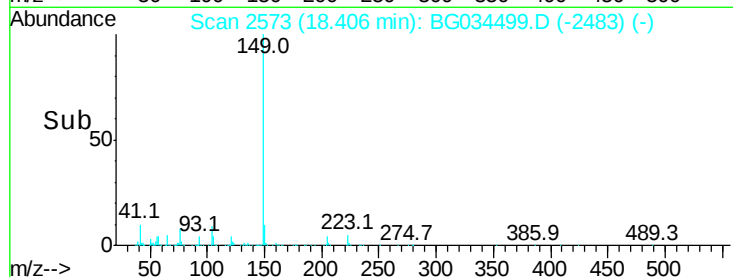
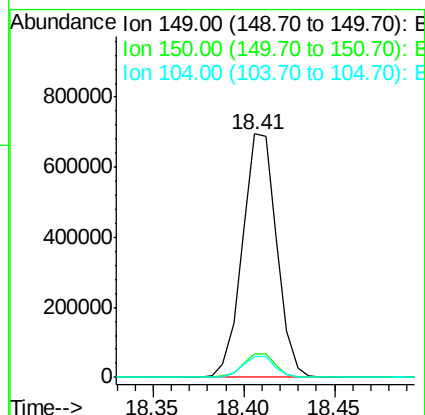
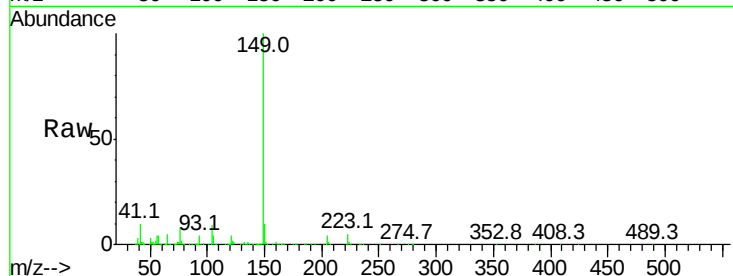
Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	907703
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	8.6	3.9	5.9#



#74

Fluoranthene

Concen: 39.312 ng

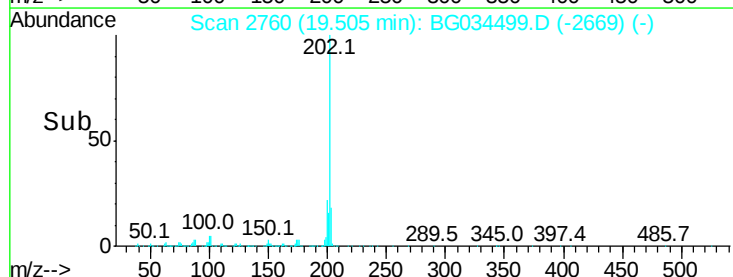
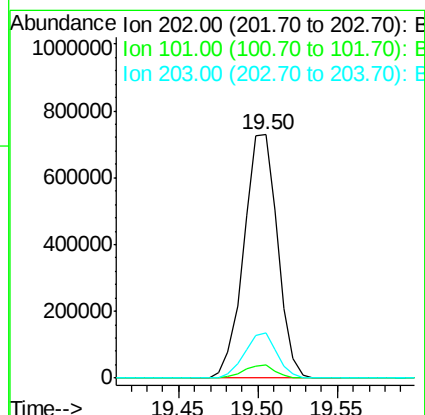
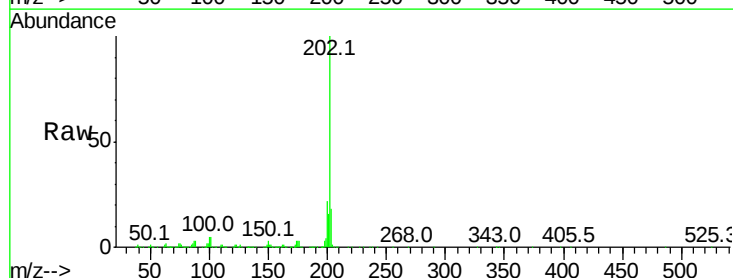
RT: 19.50 min Scan# 2760

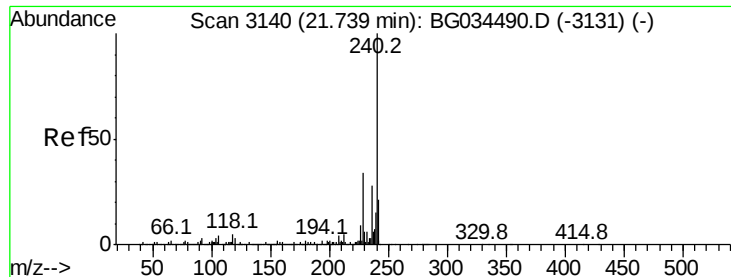
Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:	202	Resp:	1069073
Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

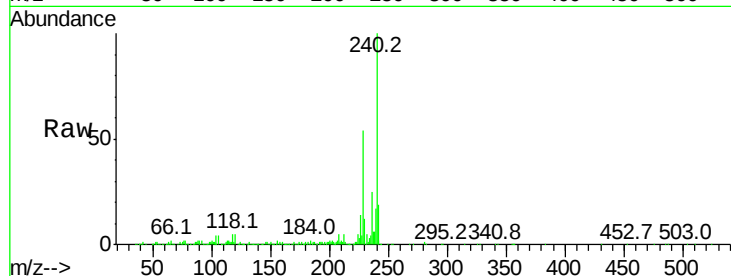
Tot Ion:240 Resp: 412357

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

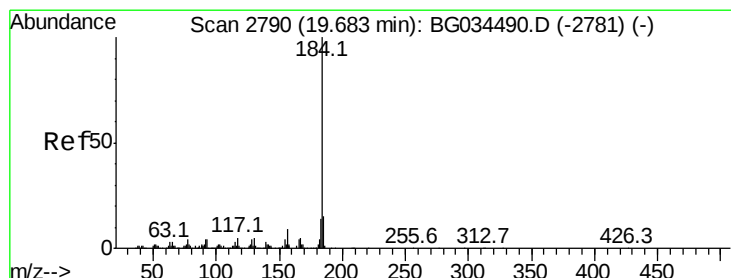
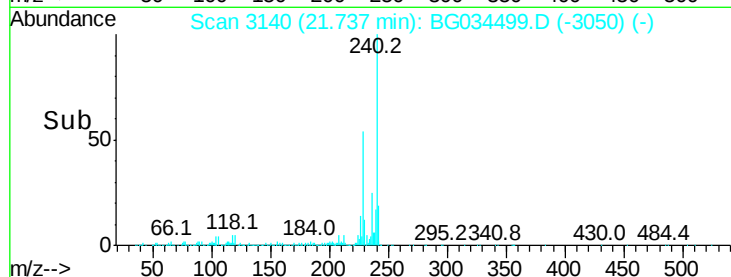
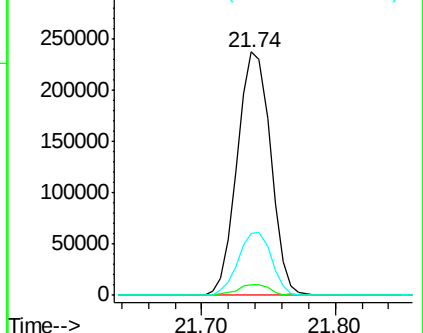
236 25.4 20.9 31.3



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: 40.212 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

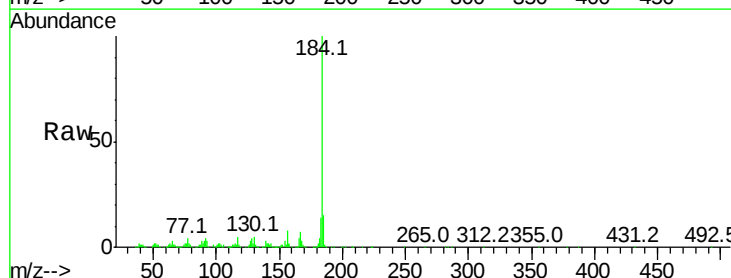
Tgt Ion:184 Resp: 449698

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

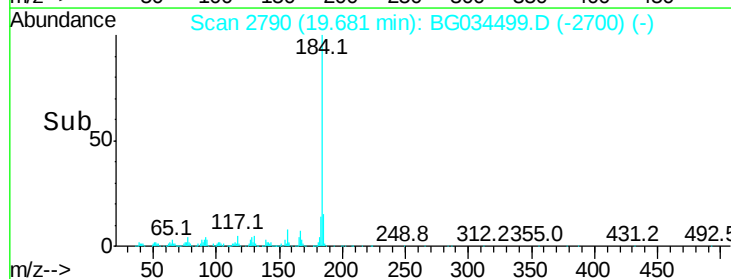
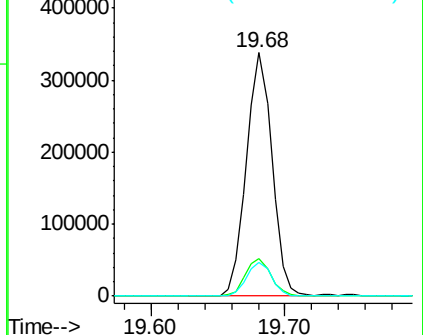
183 13.8 10.6 16.0

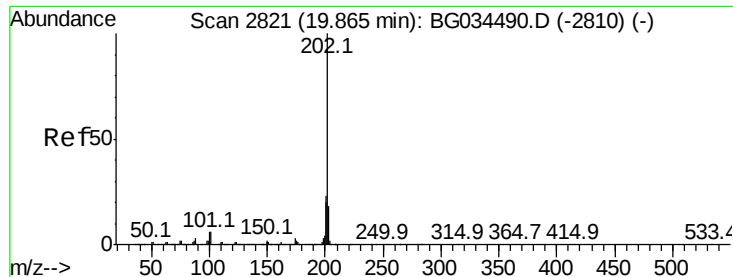


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.180 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

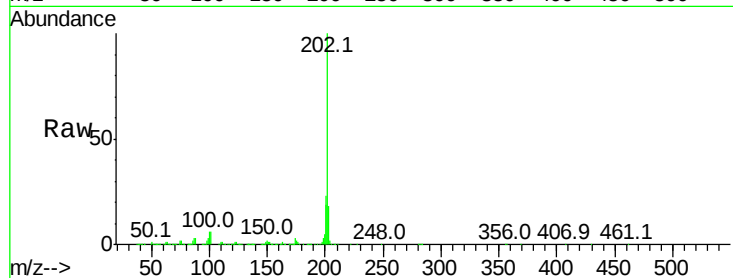
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1062926

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.1	13.9	20.9

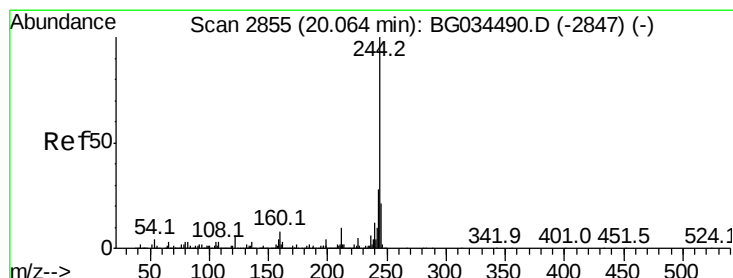
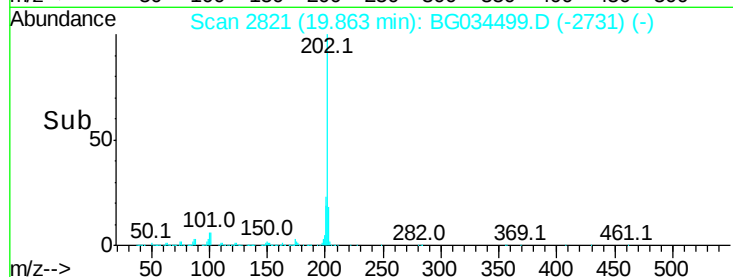
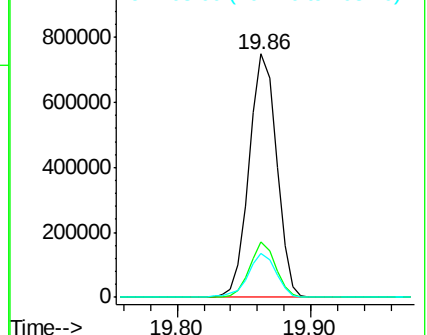


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.706 ng

RT: 20.06 min Scan# 2855

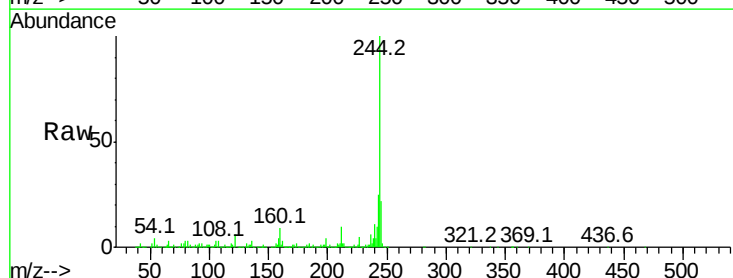
Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Tgt Ion:244 Resp: 1498763

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	6.2	7.0	10.4#

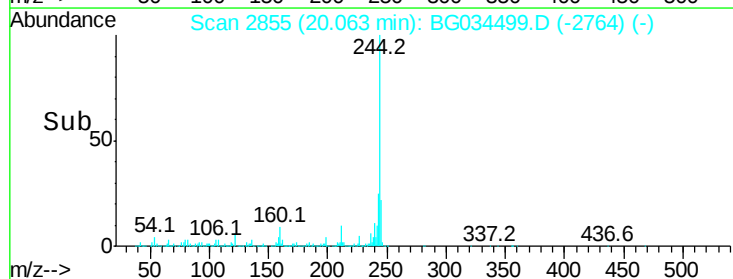
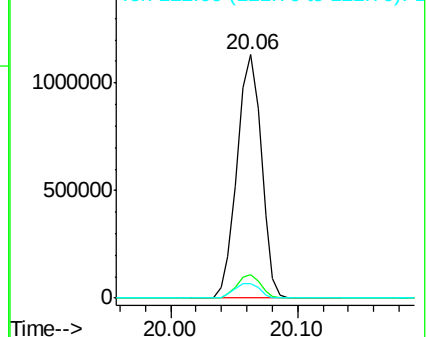


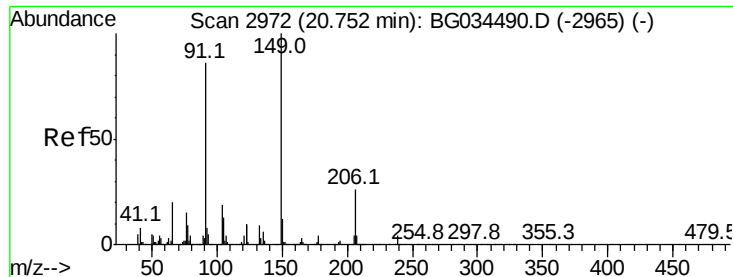
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

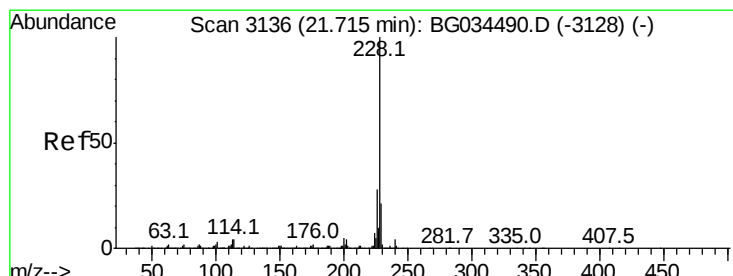
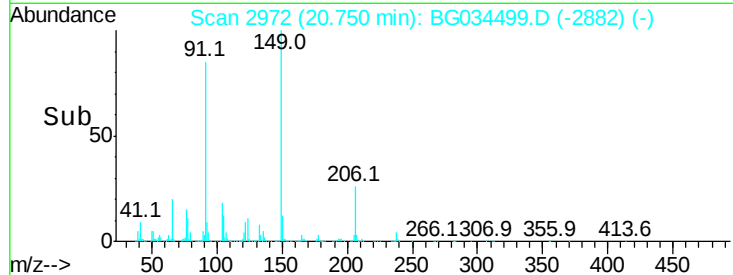
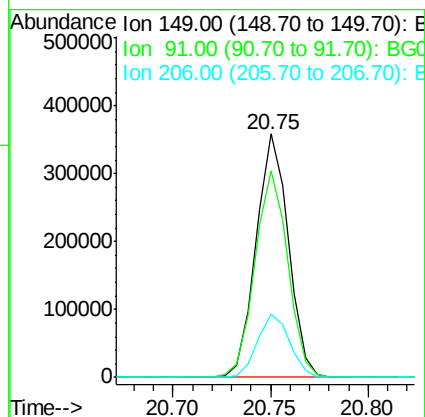
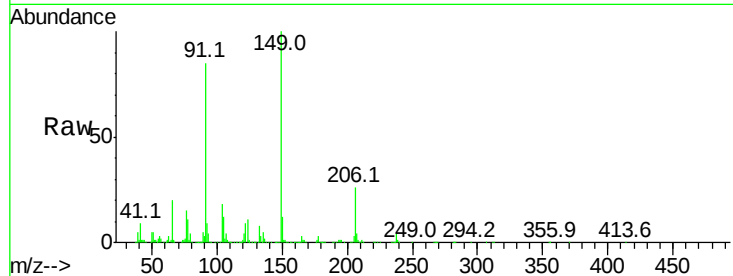




#79
Butylbenzylphthalate
Concen: 41.207 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

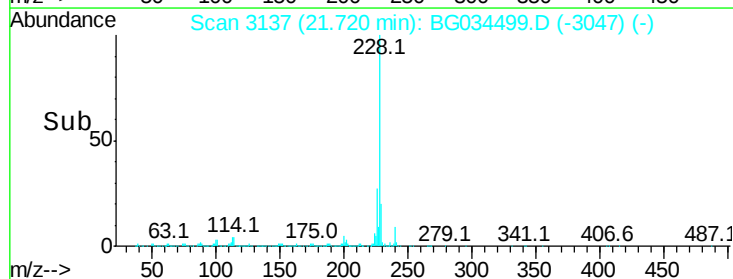
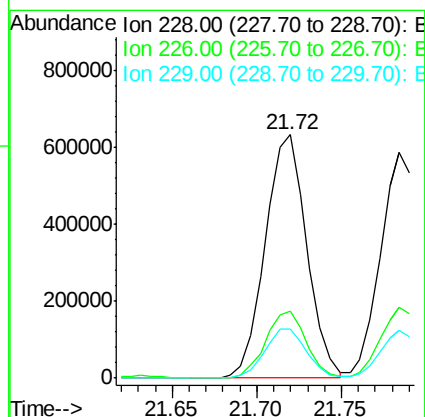
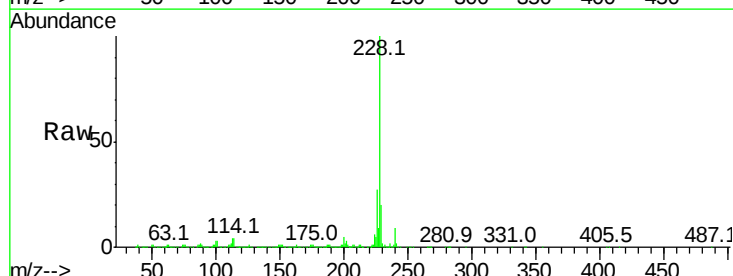
Instrument :
BNA_G
ClientSampleId :

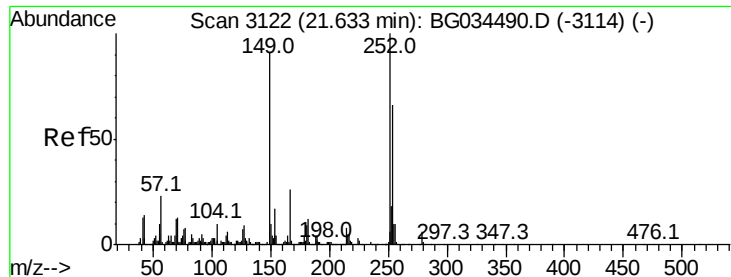
Tot Ion:149 Resp: 410093
Ion Ratio Lower Upper
149 100
91 84.7 62.2 93.2
206 26.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.106 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:228 Resp: 1074611
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 20.0 16.2 24.2

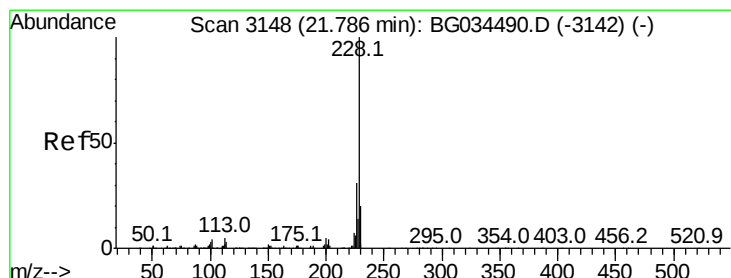
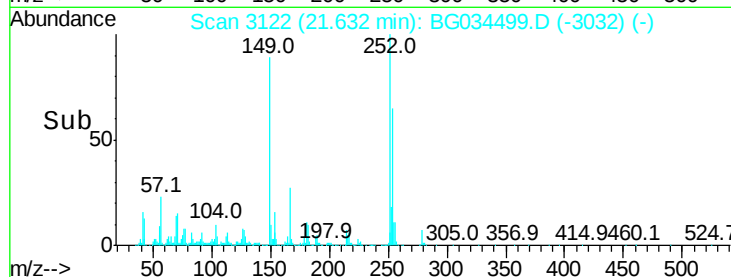
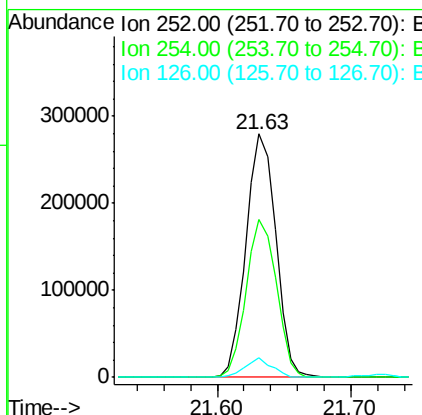
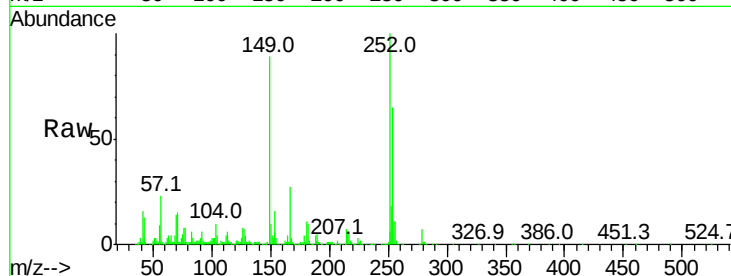




#81
 3,3'-Dichlorobenzidine
 Concen: 41.515 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

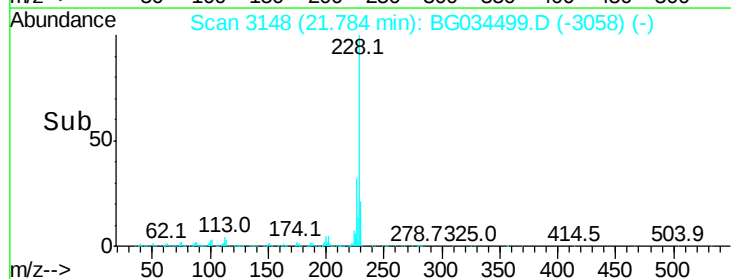
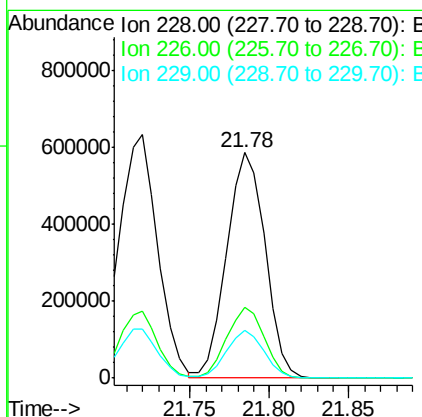
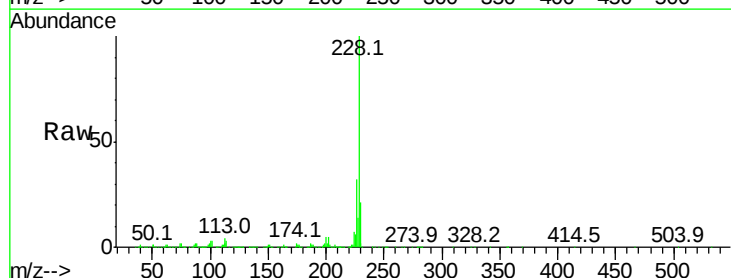
Instrument :
 BNA_G
 ClientSampleId :

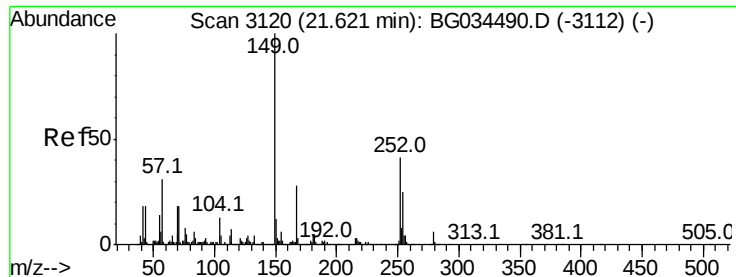
Tot Ion:252 Resp: 432654
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.8 76.2
 126 8.0 7.4 11.2



#82
 Chrysene
 Concen: 40.001 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG034499.D
 Acq: 16 May 2018 21:54

Tgt Ion:228 Resp: 982991
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.0 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.201 ng

RT: 21.63 min Scan# 3121

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

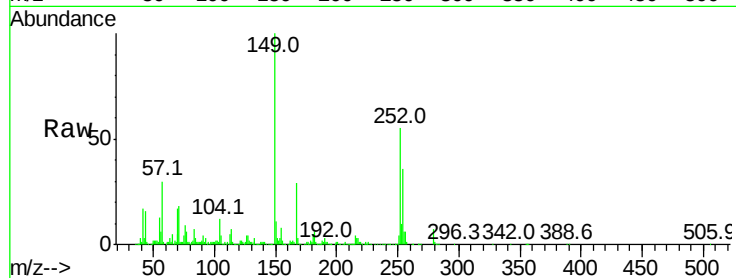
Tot Ion:149 Resp: 543372

Ion Ratio Lower Upper

149 100

167 28.9 24.3 36.5

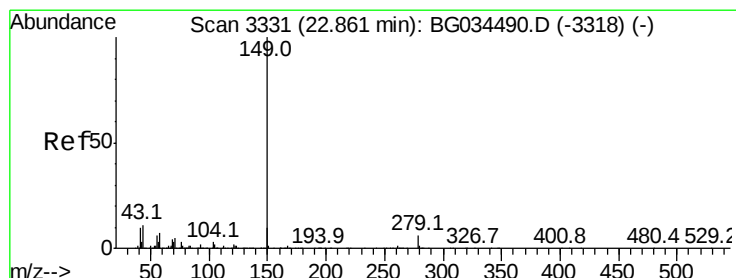
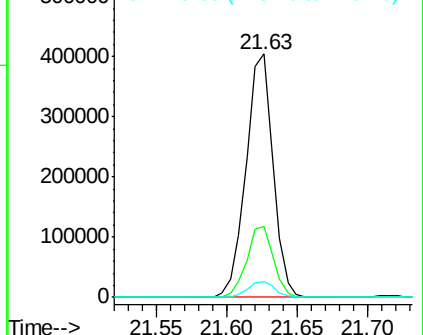
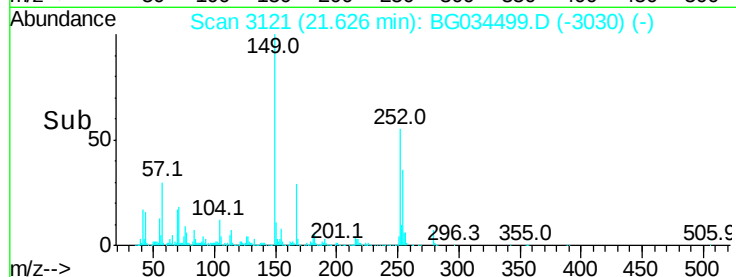
279 6.7 4.0 6.0#



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: 41.362 ng

RT: 22.86 min Scan# 3331

Delta R.T. 0.01 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

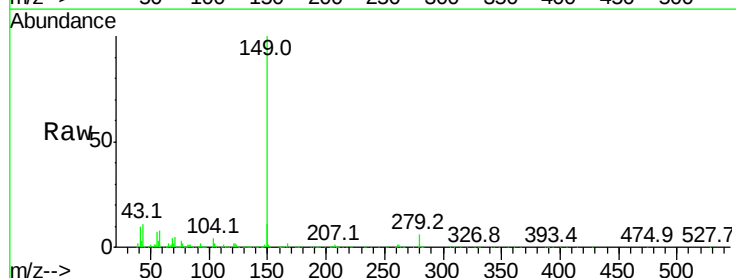
Tgt Ion:149 Resp: 935816

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

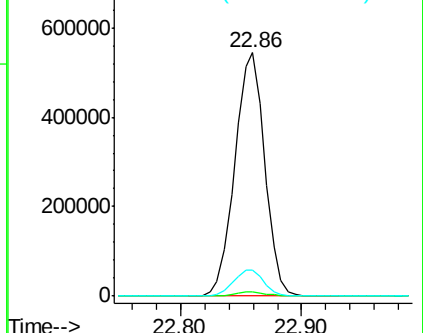
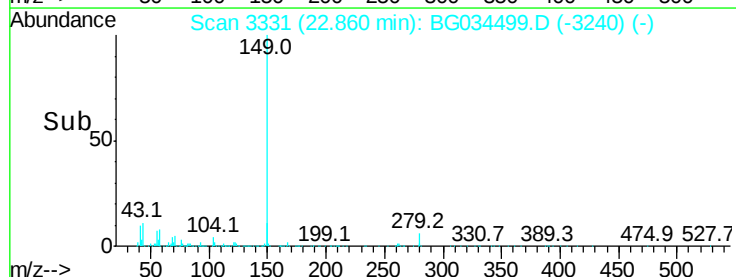
43 10.8 8.9 13.3

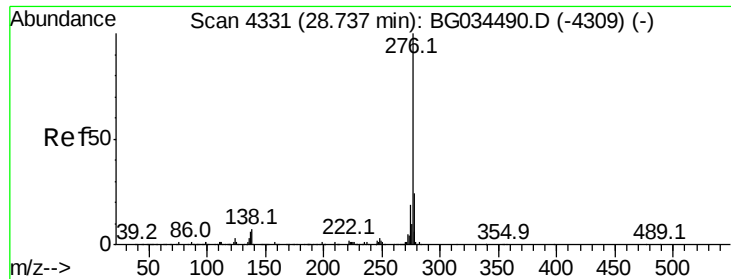


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.518 ng

RT: 28.75 min Scan# 4333

Delta R.T. 0.02 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

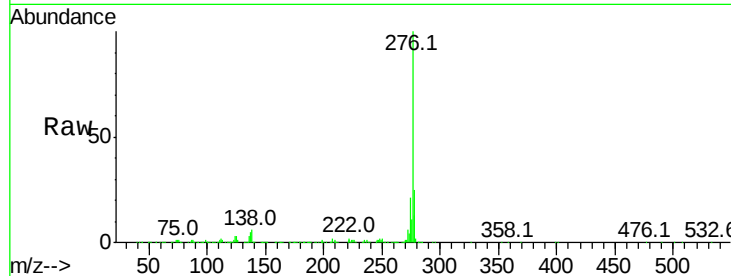
Tot Ion:276 Resp: 1305460

Ion Ratio Lower Upper

276 100

138 3.9 16.0 24.0#

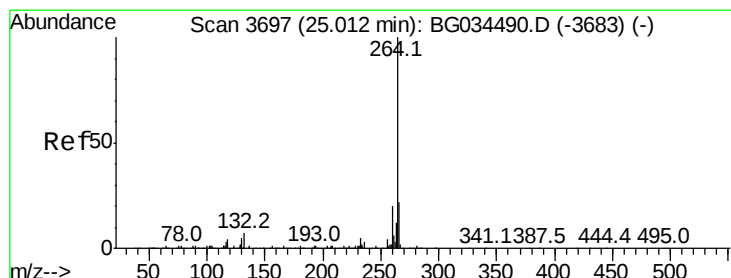
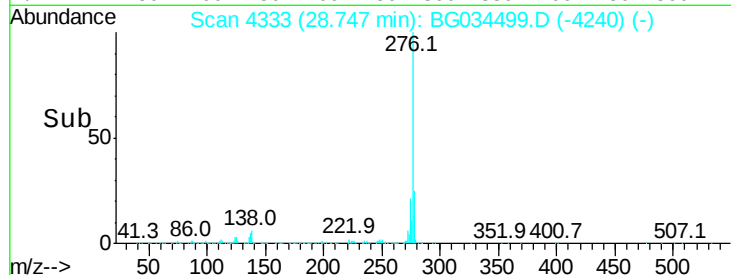
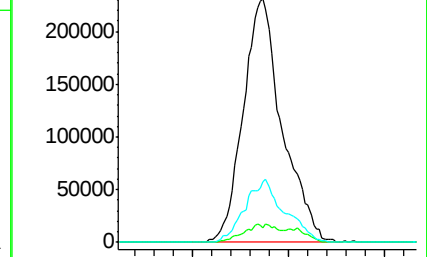
277 26.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

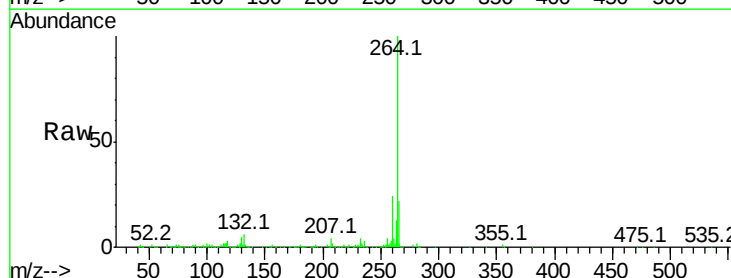
Tgt Ion:264 Resp: 441029

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

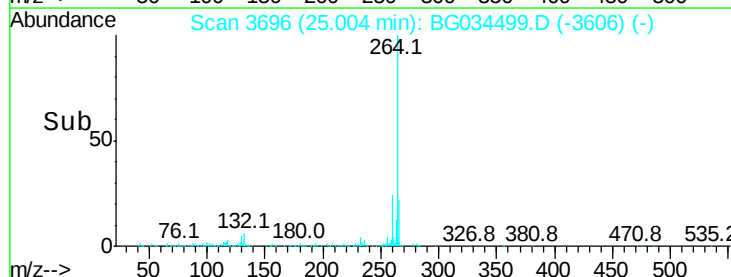
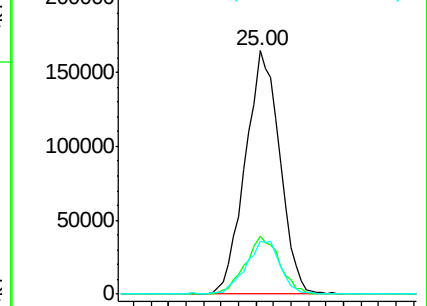
265 21.7 17.7 26.5

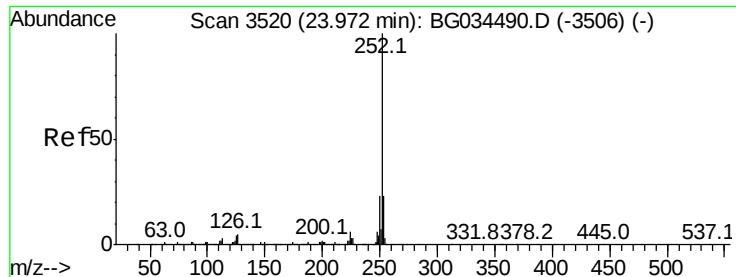


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

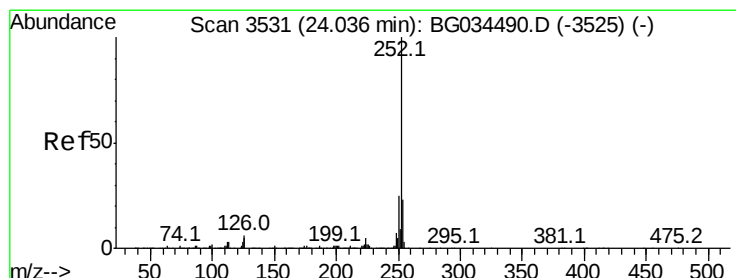
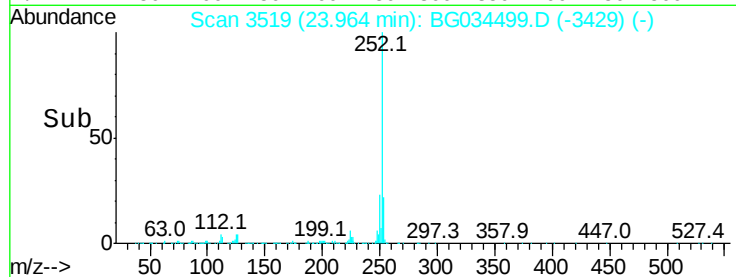
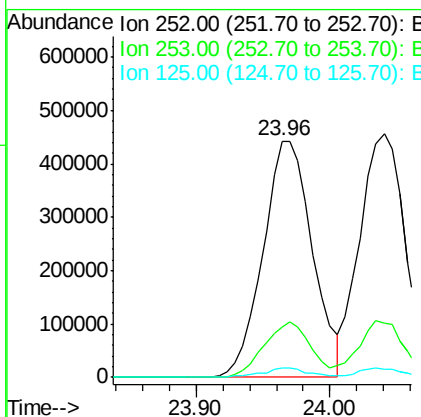
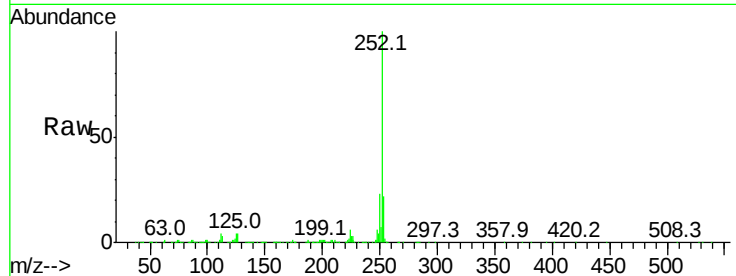




#87
Benzo(b)fluoranthene
Concen: 40.693 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

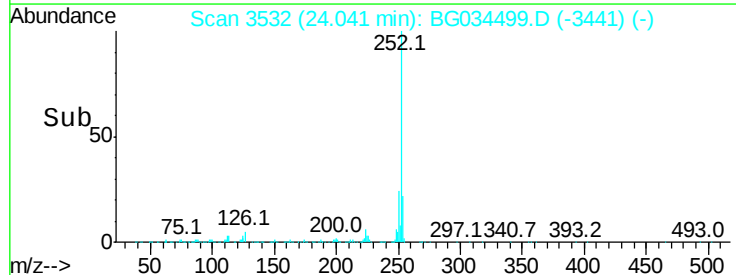
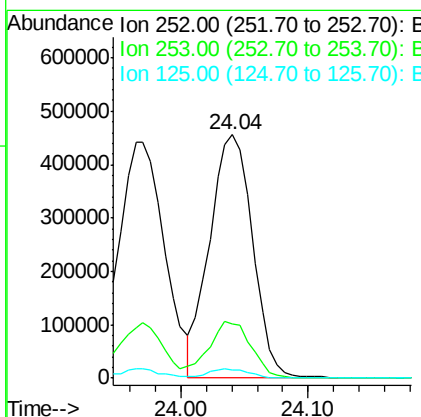
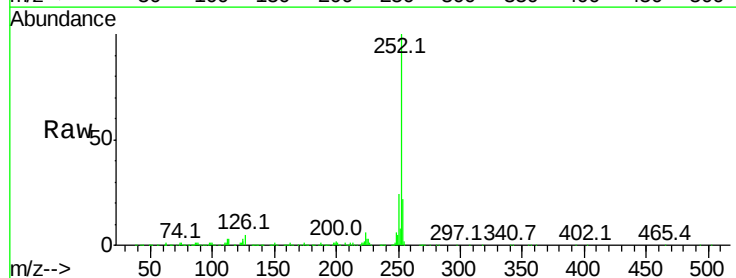
Instrument :
BNA_G
ClientSampleId :

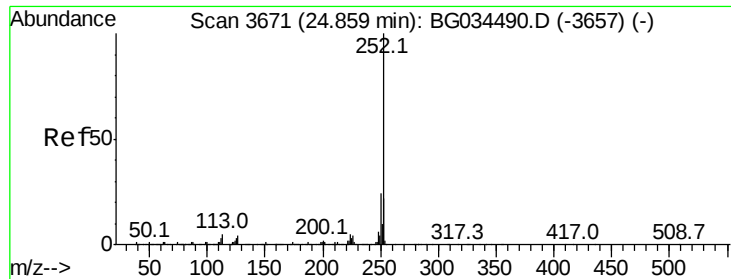
Tot Ion:252 Resp: 1135630
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 3.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 40.302 ng
RT: 24.04 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG034499.D
Acq: 16 May 2018 21:54

Tgt Ion:252 Resp: 1068406
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 3.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.907 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

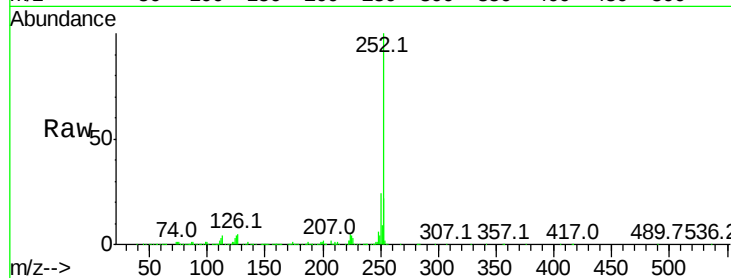
Tot Ion:252 Resp: 1083557

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	3.8	7.3	10.9

252 100

253 22.2 18.3 27.5

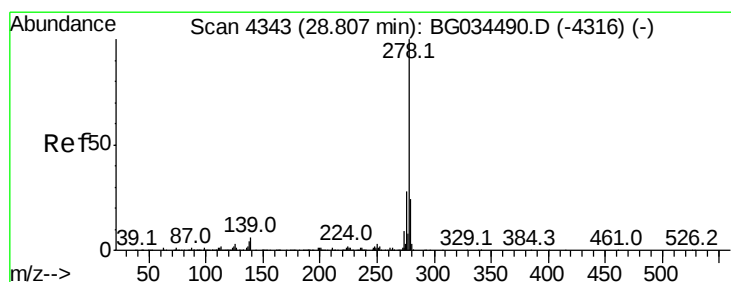
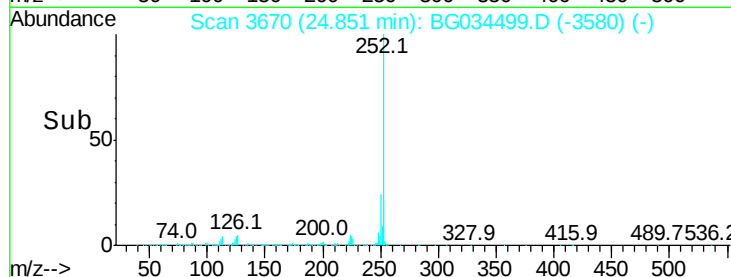
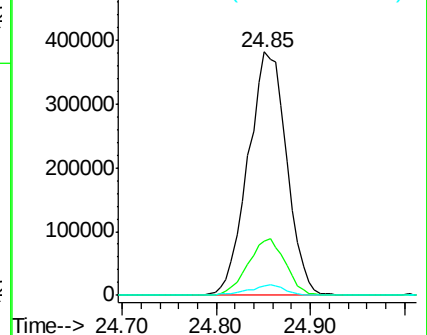
125 3.8 7.3 10.9



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: 41.021 ng

RT: 28.81 min Scan# 4344

Delta R.T. 0.02 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

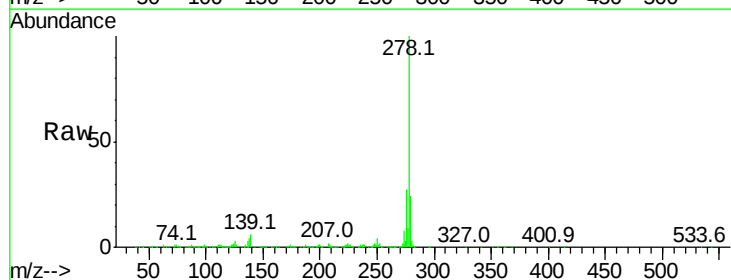
Tgt Ion:278 Resp: 1077533

Ion	Ratio	Lower	Upper
278	100		
139	6.1	9.8	14.6
279	24.2	18.4	27.6

278 100

139 6.1 9.8 14.6

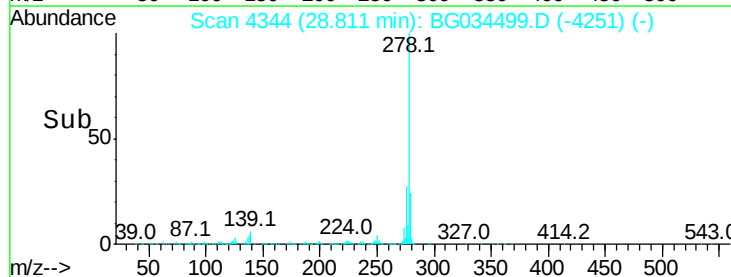
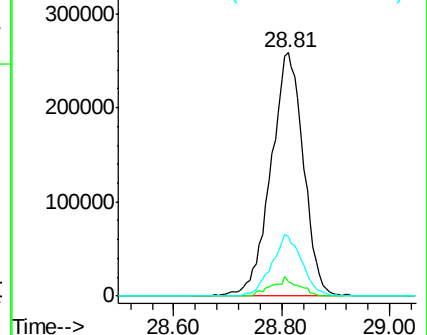
279 24.2 18.4 27.6

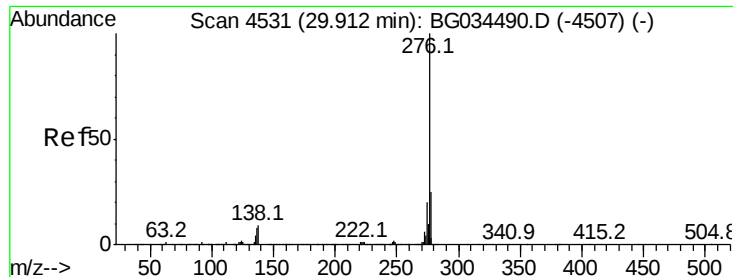


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.974 ng

RT: 29.92 min Scan# 4532

Delta R.T. 0.02 min

Lab File: BG034499.D

Acq: 16 May 2018 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1081920

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 6.5 13.9 20.9#

