

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051618\
 Data File : BG034494.D
 Acq On : 16 May 2018 18:44
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

Quant Time: May 16 19:18:31 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 21:44:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44753	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	199902	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	152517	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	371156	20.00	ng	0.00
75) Chrysene-d12	21.74	240	378873	20.00	ng	0.00
86) Perylene-d12	25.01	264	406771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	227428	78.27	ng	0.00
7) Phenol-d6	7.21	99	374306	79.63	ng	0.00
23) Nitrobenzene-d5	9.22	82	430325	82.23	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	209570	79.78	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	870083	77.45	ng	0.00
78) Terphenyl-d14	20.06	244	1427766	82.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	41986	33.649	ng	# 76
3) Pyridine	3.92	79	148254	38.518	ng	# 79
4) n-Nitrosodimethylamine	3.84	42	93676	41.611	ng	# 70
6) Aniline	7.36	93	243269	39.647	ng	96
8) 2-Chlorophenol	7.61	128	119772	38.979	ng	96
9) Benzaldehyde	7.18	77	130314	40.124	ng	87
10) Phenol	7.24	94	186106	39.701	ng	# 76
11) bis(2-Chloroethyl)ether	7.46	93	136579	38.567	ng	91
12) 1,3-Dichlorobenzene	7.93	146	141305	39.077	ng	# 83
13) 1,4-Dichlorobenzene	8.08	146	140107	38.052	ng	95
14) 1,2-Dichlorobenzene	8.40	146	141697	39.208	ng	93
15) Benzyl Alcohol	8.28	79	190399	39.584	ng	85
16) 2,2'-oxybis(1-Chloropropan	8.57	45	166905	41.527	ng	86
17) 2-Methylphenol	8.49	107	119245	37.867	ng	# 77
18) Hexachloroethane	9.13	117	60369	38.972	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	145613	37.824	ng	98
20) 3+4-Methylphenols	8.82	107	168399	38.356	ng	# 77
22) Acetophenone	8.87	105	257562	40.330	ng	# 95
24) Nitrobenzene	9.26	77	216615	39.882	ng	91
25) Isophorone	9.78	82	416690	41.080	ng	# 96
26) 2-Nitrophenol	9.97	139	80203	41.352	ng	# 76
27) 2,4-Dimethylphenol	10.03	122	135853	40.060	ng	87
28) bis(2-Chloroethoxy)methane	10.26	93	201618	39.492	ng	95
29) 2,4-Dichlorophenol	10.51	162	150148	42.458	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	165785	39.427	ng	93
31) Naphthalene	10.91	128	423346	40.732	ng	97
32) Benzoic acid	10.16	122	94358	39.290	ng	# 84
33) 4-Chloroaniline	11.02	127	188210	41.522	ng	# 87
34) Hexachlorobutadiene	11.20	225	137004	41.011	ng	98
35) Caprolactam	11.79	113	55538	41.310	ng	# 87
36) 4-Chloro-3-methylphenol	12.14	107	202897	42.580	ng	92
37) 2-Methylnaphthalene	12.52	142	337485	40.207	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	229334	40.011	ng	# 98
40) Hexachlorocyclopentadiene	12.86	237	175697	39.145	ng	95

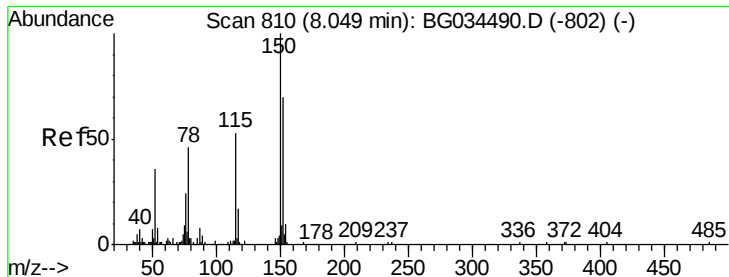
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051618\
 Data File : BG034494.D
 Acq On : 16 May 2018 18:44
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	143341	40.197	ng	93
43) 2,4,5-Trichlorophenol	13.20	196	158914	40.615	ng #	94
45) 1,1'-Biphenyl	13.53	154	473319	39.403	ng	96
46) 2-Chloronaphthalene	13.57	162	368477	38.970	ng	94
47) 2-Nitroaniline	13.77	65	158448	41.018	ng	90
48) Acenaphthylene	14.42	152	548044	37.874	ng	98
49) Dimethylphthalate	14.14	163	514671	39.095	ng	99
50) 2,6-Dinitrotoluene	14.26	165	112494	41.670	ng #	74
51) Acenaphthene	14.76	154	357362	38.095	ng	93
52) 3-Nitroaniline	14.60	138	96428	38.646	ng #	73
53) 2,4-Dinitrophenol	14.80	184	73501	41.383	ng #	73
54) Dibenzofuran	15.09	168	597458	38.827	ng #	84
55) 4-Nitrophenol	14.91	139	85328	38.915	ng #	42
56) 2,4-Dinitrotoluene	15.06	165	160469	40.043	ng #	94
57) Fluorene	15.74	166	469450	39.089	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	163498	38.305	ng	97
59) Diethylphthalate	15.51	149	537935	39.291	ng	99
60) 4-Chlorophenyl-phenylether	15.74	204	280959	39.395	ng	89
61) 4-Nitroaniline	15.77	138	110914	39.211	ng #	31
62) Azobenzene	16.03	77	568369	39.106	ng	93
64) 4,6-Dinitro-2-methylphenol	15.82	198	95377	40.073	ng	95
65) n-Nitrosodiphenylamine	15.95	169	440178	40.556	ng	96
66) 4-Bromophenyl-phenylether	16.63	248	207048	42.388	ng #	89
67) Hexachlorobenzene	16.75	284	225380	41.756	ng	95
68) Atrazine	16.90	200	192371	39.993	ng	97
69) Pentachlorophenol	17.09	266	140386	43.128	ng	100
70) Phenanthrene	17.49	178	818530	40.491	ng	99
71) Anthracene	17.58	178	822779	40.167	ng	98
72) Carbazole	17.85	167	674294	39.776	ng #	93
73) Di-n-butylphthalate	18.41	149	840459	40.044	ng #	96
74) Fluoranthene	19.50	202	993729	39.998	ng	96
76) Benzidine	19.68	184	439784	42.581	ng	97
77) Pyrene	19.86	202	966235	40.742	ng	97
79) Butylbenzylphthalate	20.75	149	377007	41.230	ng	87
80) Benzo(a)anthracene	21.72	228	992251	40.305	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	407089	42.514	ng #	97
82) Chrysene	21.78	228	927812	41.092	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	505209	40.681	ng	94
84) Di-n-octyl phthalate	22.86	149	854510	41.106	ng	99
85) Indeno(1,2,3-cd)pyrene	28.74	276	1182651	40.937	ng #	80
87) Benzo(b)fluoranthene	23.97	252	1038670	40.353	ng #	95
88) Benzo(k)fluoranthene	24.04	252	979142	40.045	ng #	96
89) Benzo(a)pyrene	24.86	252	1000895	40.969	ng #	93
90) Dibenzo(a,h)anthracene	28.80	278	978881	40.404	ng #	93
91) Benzo(g,h,i)perylene	29.90	276	988315	40.581	ng #	89

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

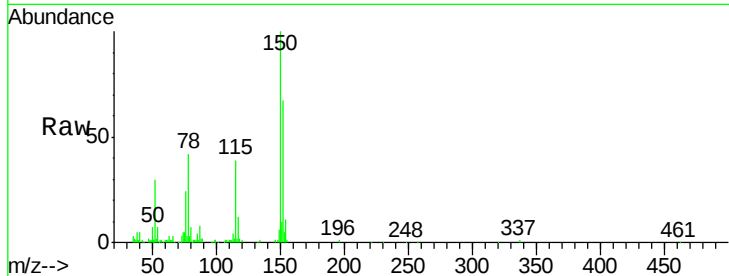


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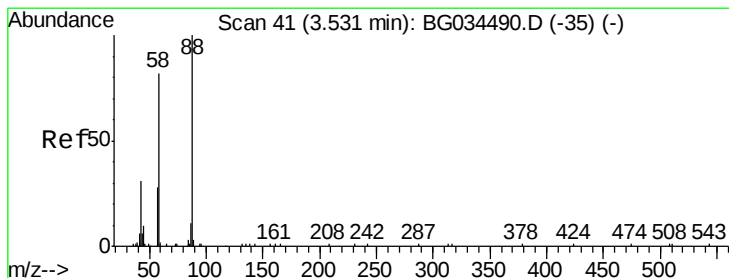
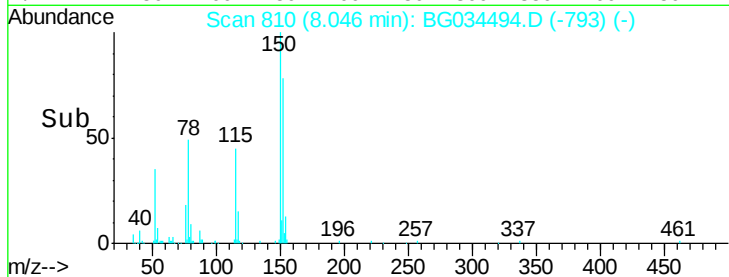
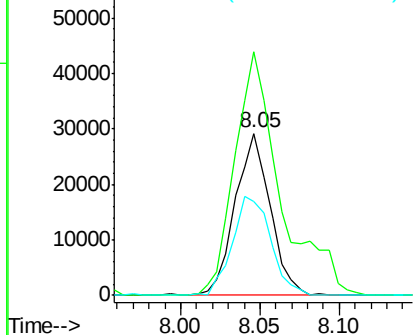
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Instrument :
BNA_G
ClientSampleId :
ICVBG051618

Tgt Ion:152 Resp: 44753
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 58.2 53.0 79.4



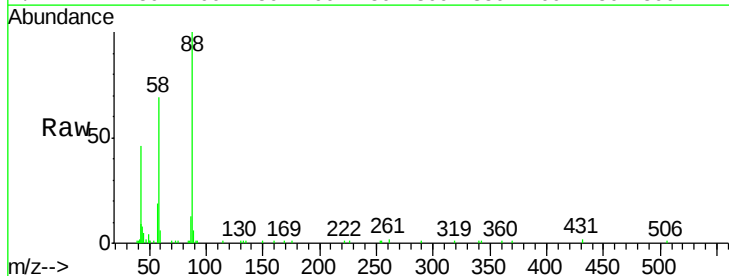
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



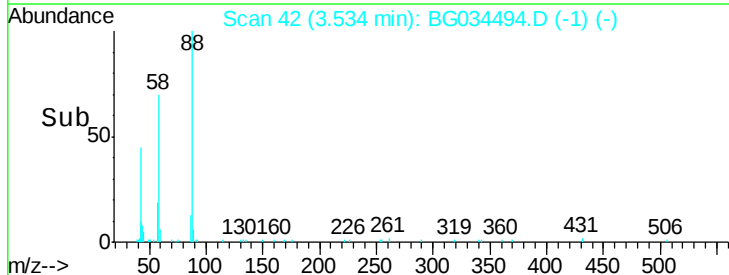
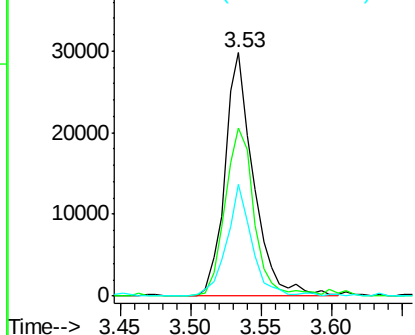
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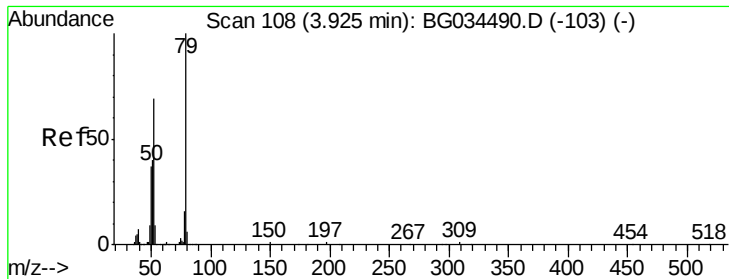
1,4-Dioxane
Concen: 33.649 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion: 88 Resp: 41986
Ion Ratio Lower Upper
88 100
58 70.2 79.6 119.4#
43 39.7 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

Pyridine

Concen: 38.518 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

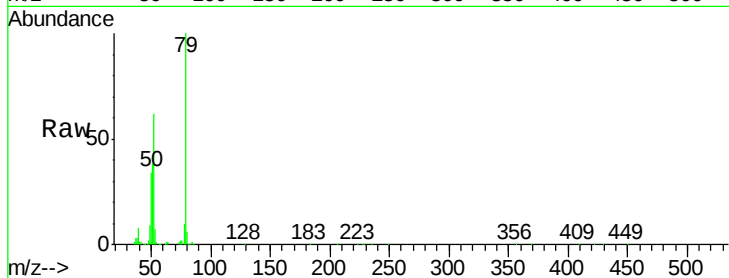
Tgt Ion: 79 Resp: 148254

Ion Ratio Lower Upper

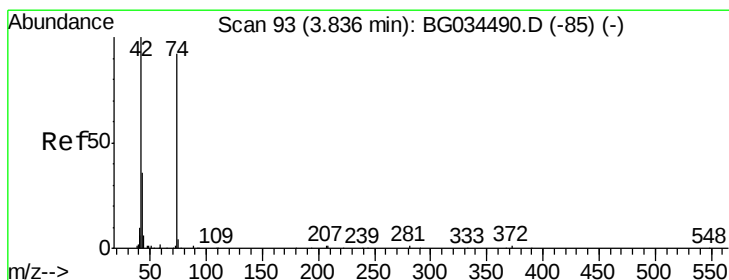
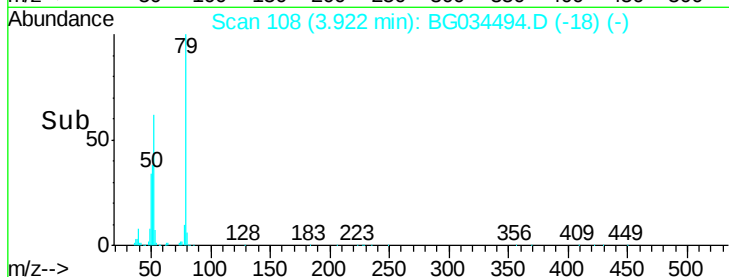
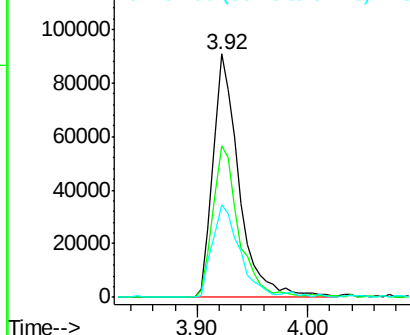
79 100

52 62.1 69.9 104.9#

51 38.1 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: 41.611 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

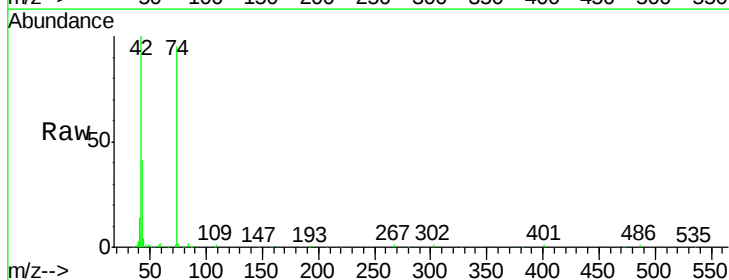
Tgt Ion: 42 Resp: 93676

Ion Ratio Lower Upper

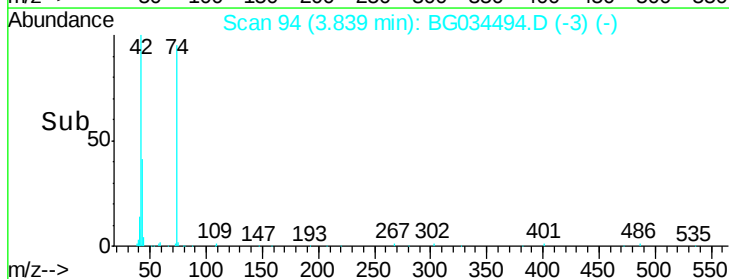
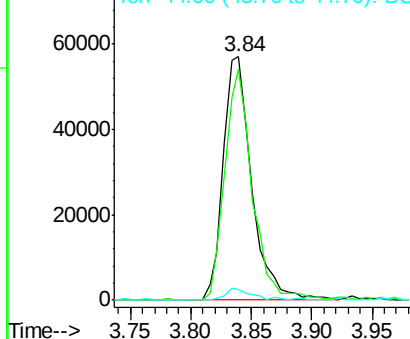
42 100

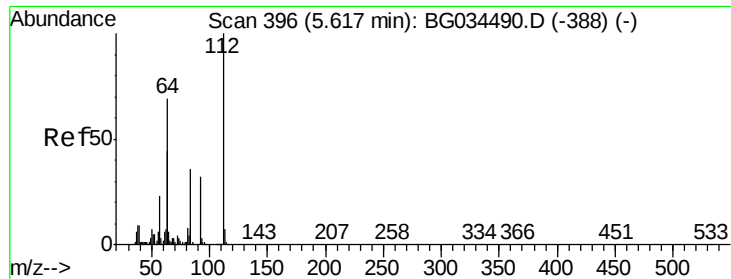
74 95.0 102.5 153.7#

44 4.5 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 78.272 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

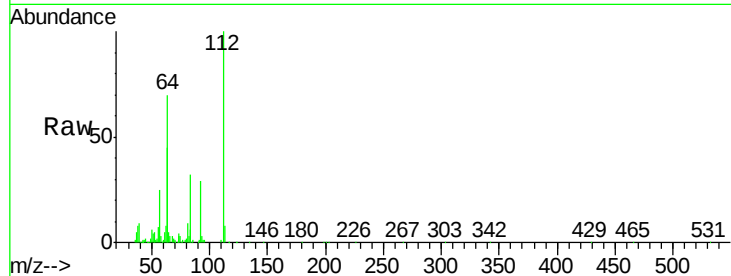
Tgt Ion: 112 Resp: 227428

Ion Ratio Lower Upper

112 100

64 69.8 56.3 84.5

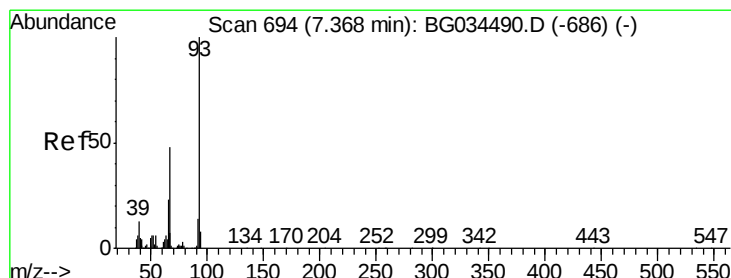
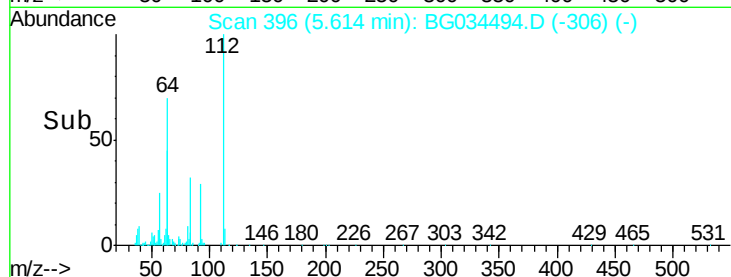
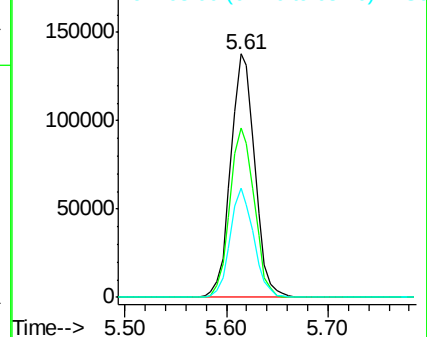
63 44.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.647 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

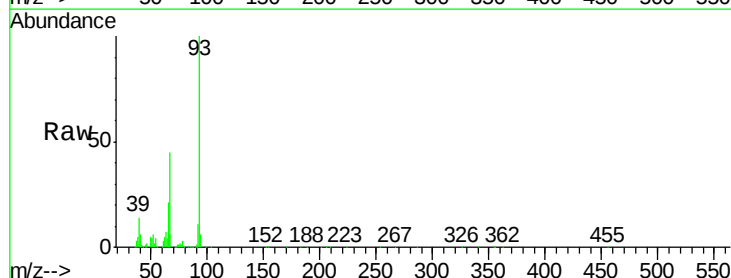
Tgt Ion: 93 Resp: 243269

Ion Ratio Lower Upper

93 100

66 45.1 33.7 50.5

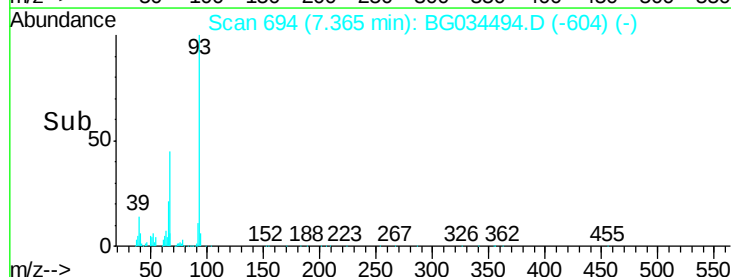
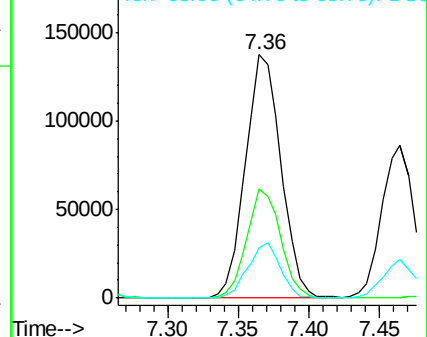
65 20.7 16.1 24.1

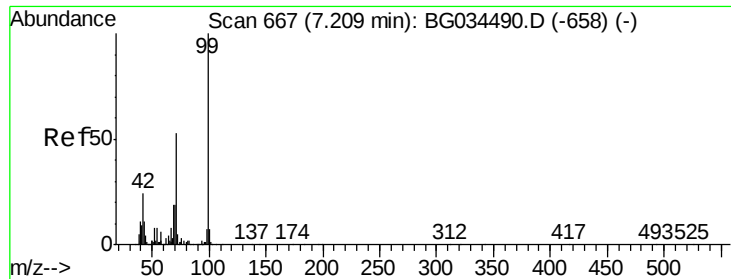


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.634 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

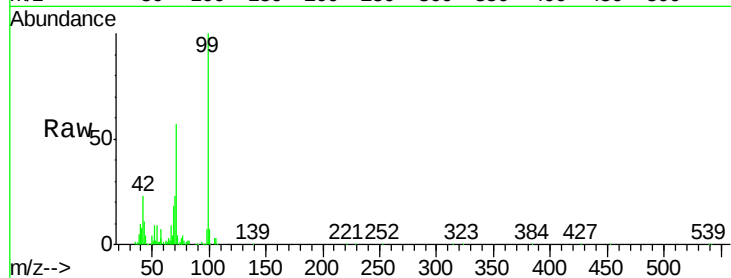
Tgt Ion: 99 Resp: 374306

Ion Ratio Lower Upper

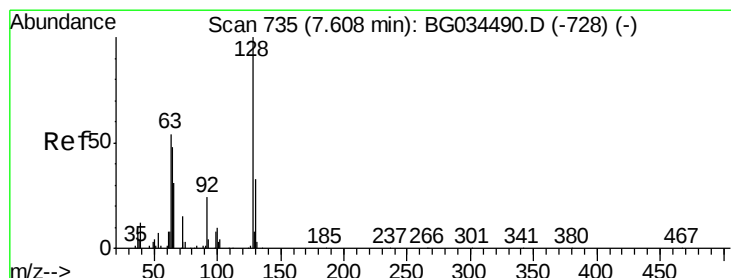
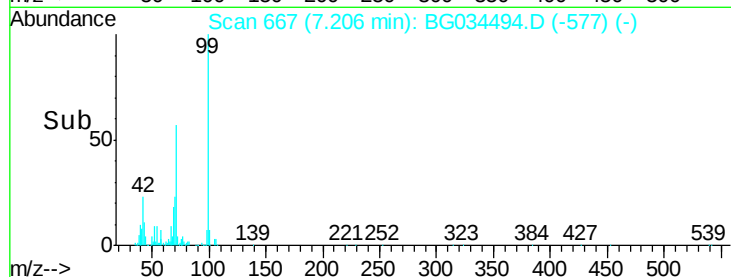
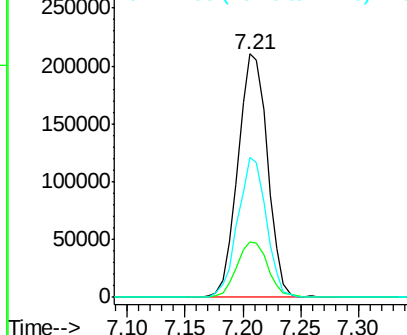
99 100

42 22.6 14.1 21.1#

71 57.4 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: 38.979 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

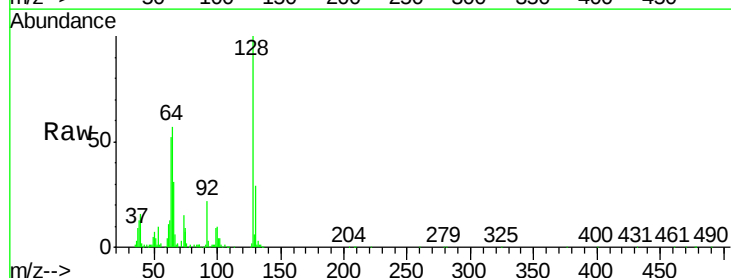
Tgt Ion: 128 Resp: 119772

Ion Ratio Lower Upper

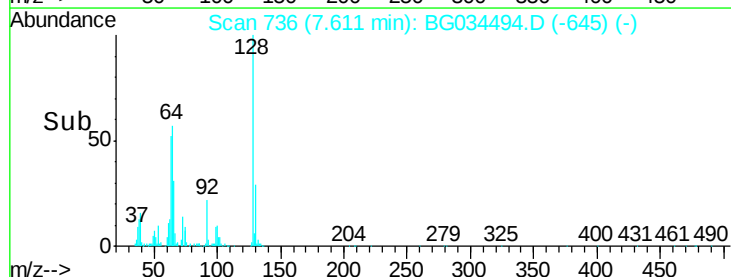
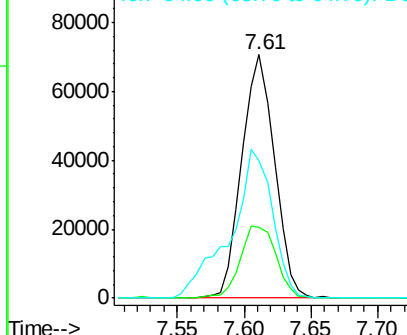
128 100

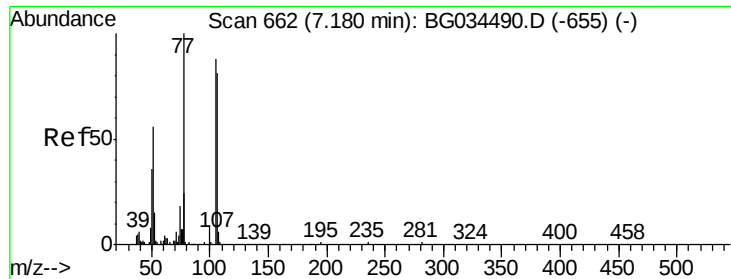
130 29.3 14.0 54.0

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: 40.124 ng

RT: 7.18 min Scan# 663

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

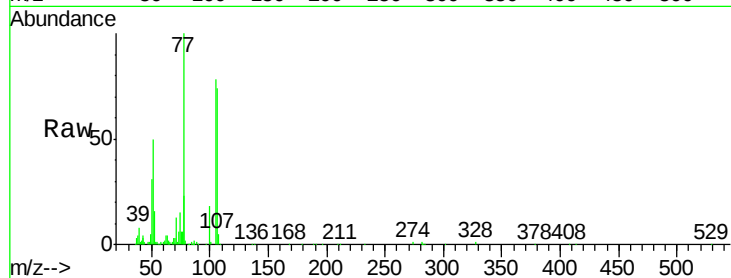
Tgt Ion: 77 Resp: 130314

Ion Ratio Lower Upper

77 100

105 78.2 71.3 111.3

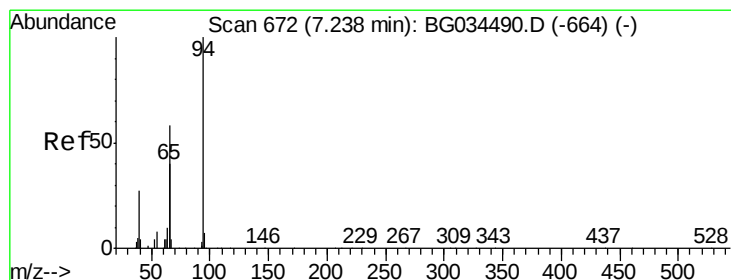
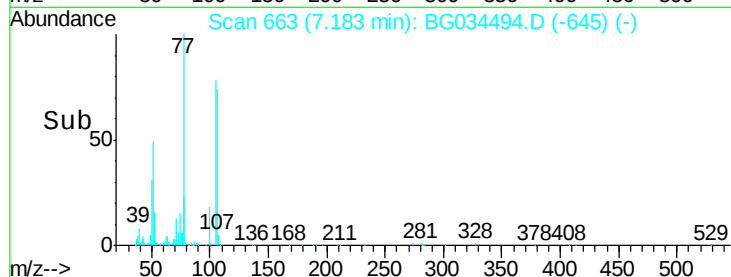
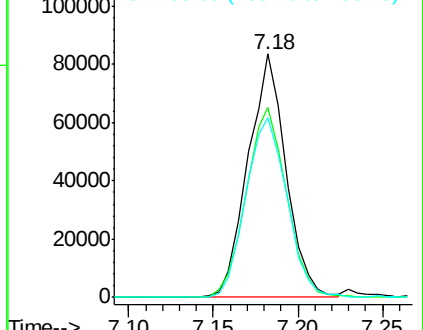
106 73.9 64.2 104.2



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: 39.701 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

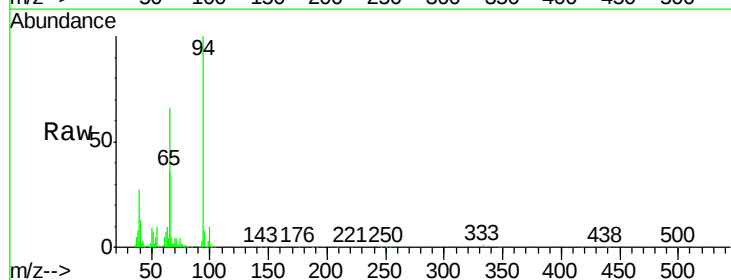
Tgt Ion: 94 Resp: 186106

Ion Ratio Lower Upper

94 100

65 36.0 11.9 51.9

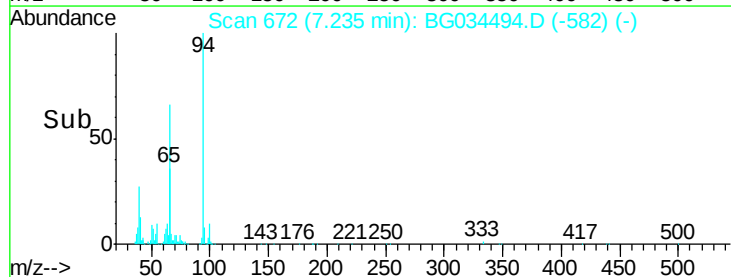
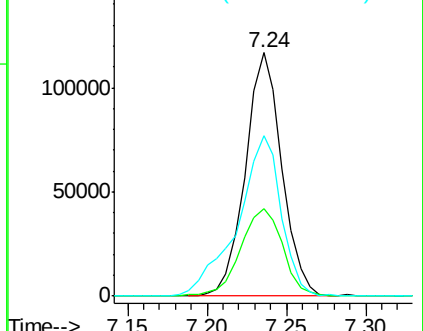
66 65.7 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.567 ng

RT: 7.46 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

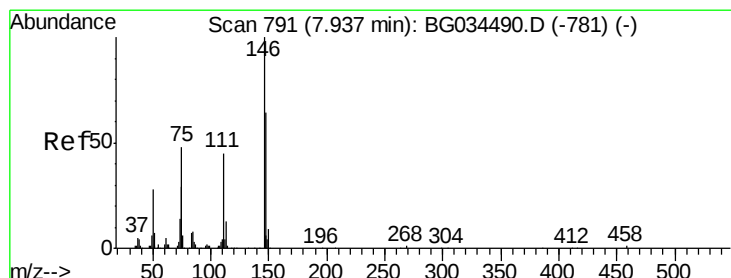
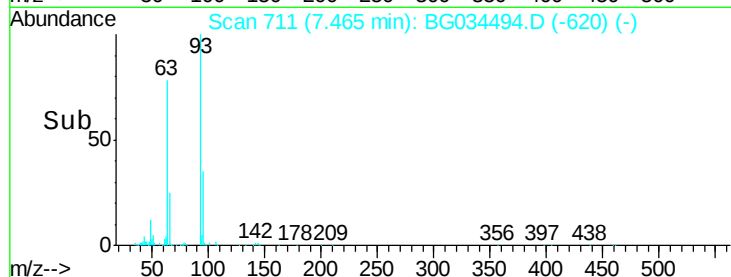
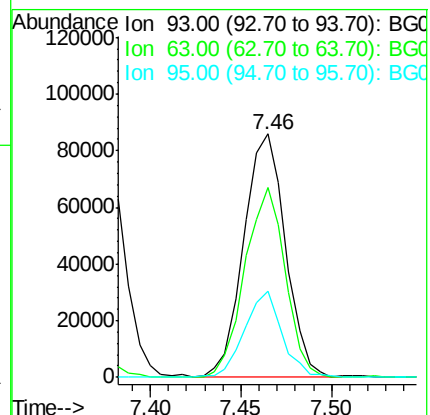
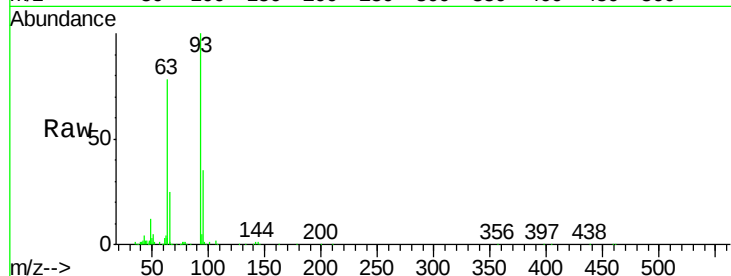
Tgt Ion: 93 Resp: 136579

Ion Ratio Lower Upper

93 100

63 78.0 67.1 107.1

95 35.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.077 ng

RT: 7.93 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

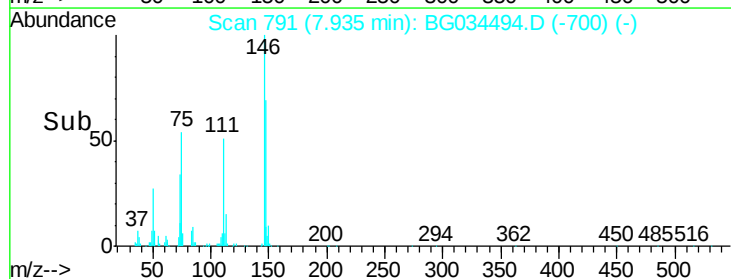
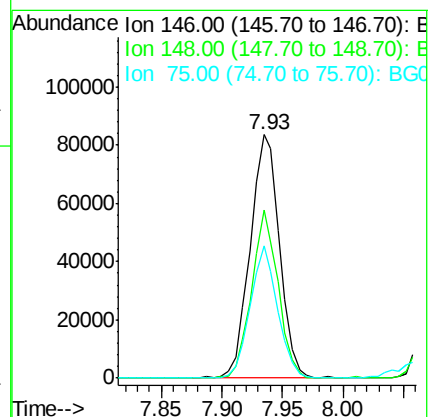
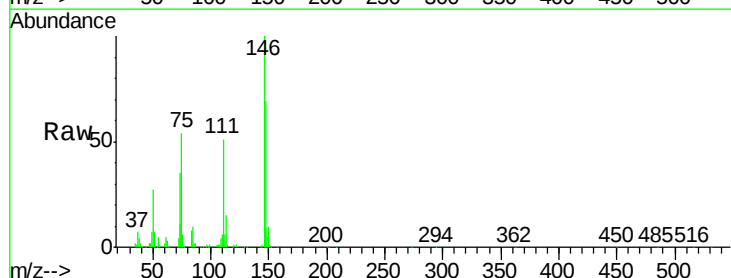
Tgt Ion: 146 Resp: 141305

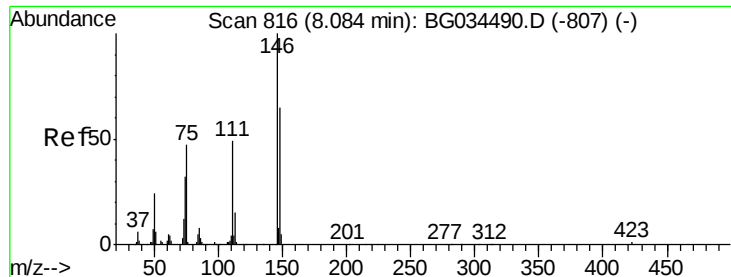
Ion Ratio Lower Upper

146 100

148 69.0 51.4 77.2

75 54.1 26.6 39.8#

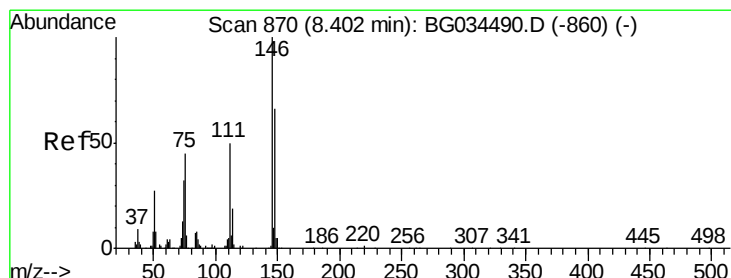
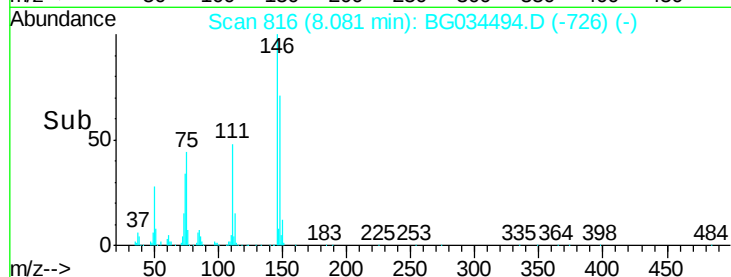
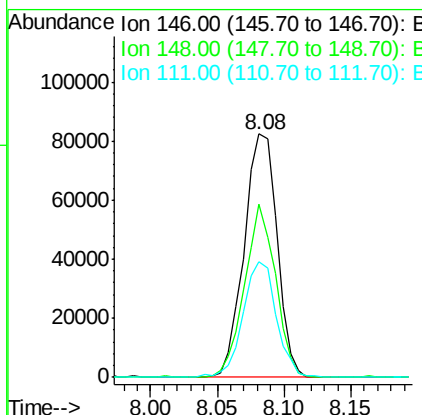
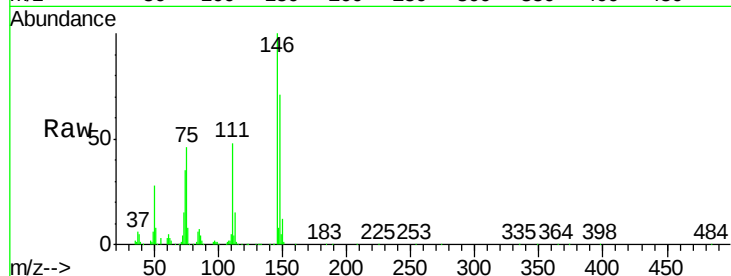




#13
 1,4-Dichlorobenzene
 Concen: 38.052 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

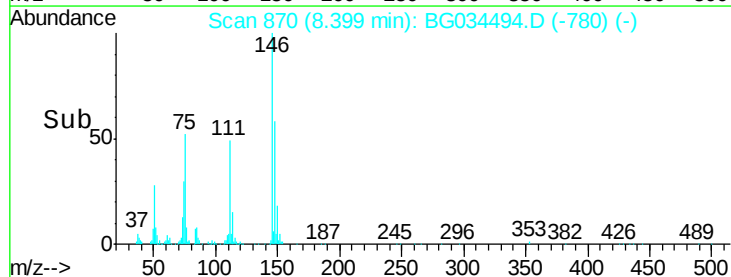
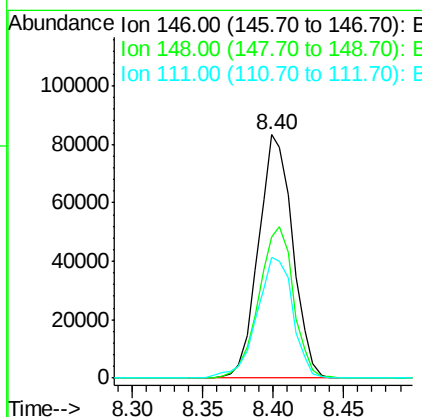
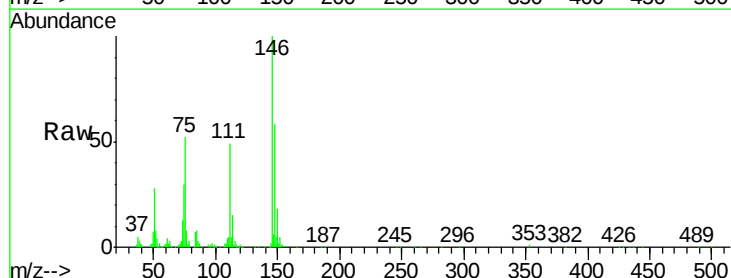
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

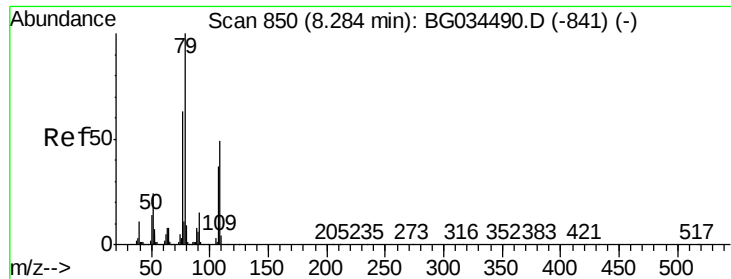
Tgt Ion:146 Resp: 140107
 Ion Ratio Lower Upper
 146 100
 148 71.0 53.7 80.5
 111 47.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.208 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:146 Resp: 141697
 Ion Ratio Lower Upper
 146 100
 148 58.1 49.3 73.9
 111 49.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 39.584 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

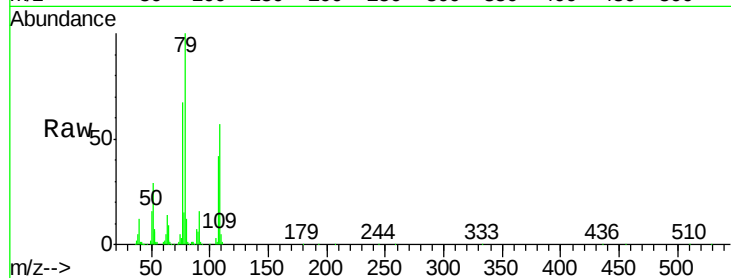
Tgt Ion: 79 Resp: 190399

Ion Ratio Lower Upper

79 100

108 57.4 57.2 85.8

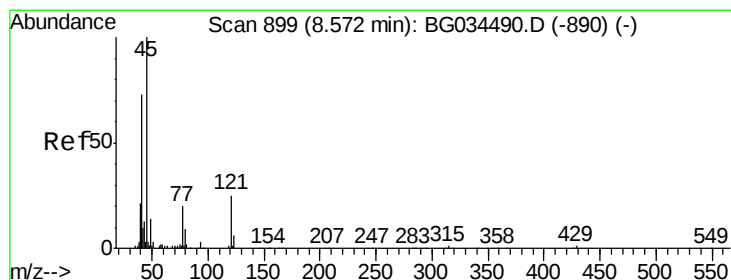
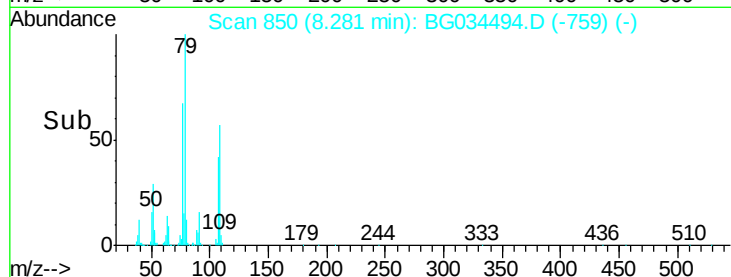
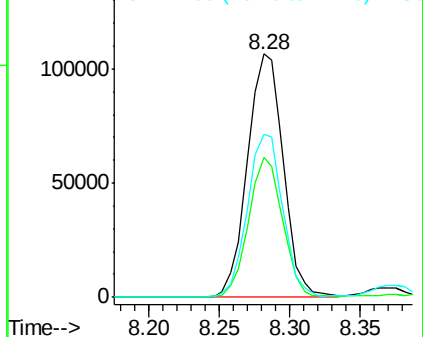
77 67.2 46.1 69.1



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: 41.527 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

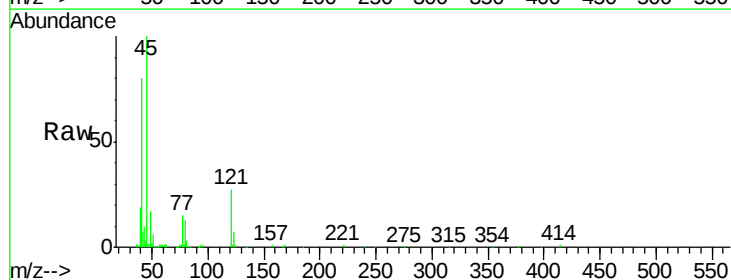
Tgt Ion: 45 Resp: 166905

Ion Ratio Lower Upper

45 100

77 15.3 0.0 30.2

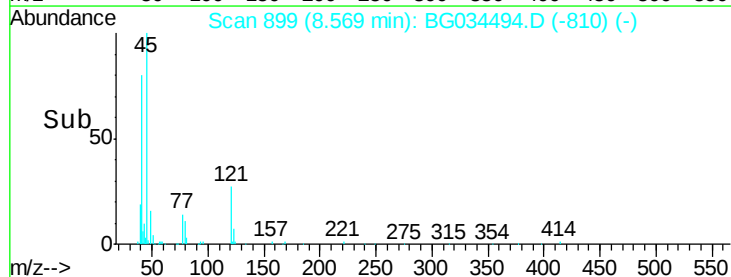
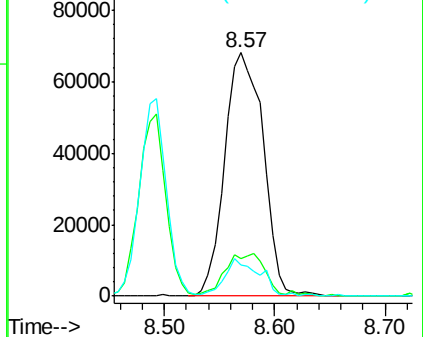
79 12.9 0.0 27.9

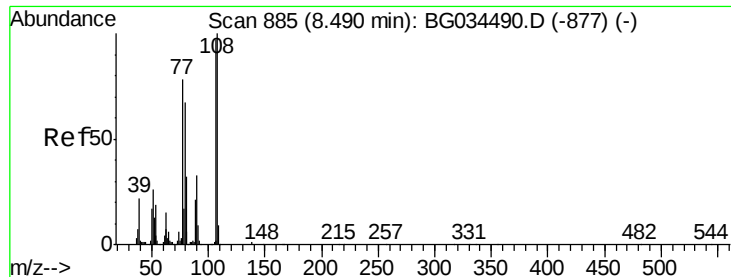


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.867 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

Tgt Ion:107 Resp: 119245

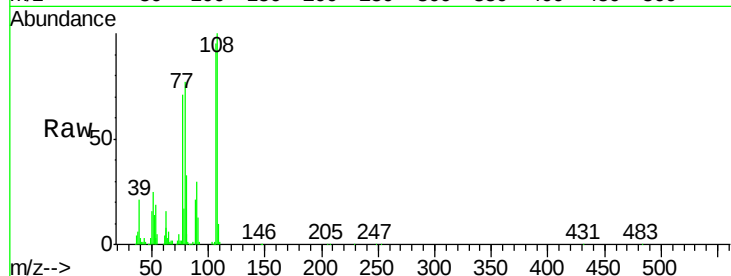
Ion Ratio Lower Upper

107 100

108 104.8 83.9 125.9

77 74.9 37.2 55.8#

79 81.1 36.2 54.2#



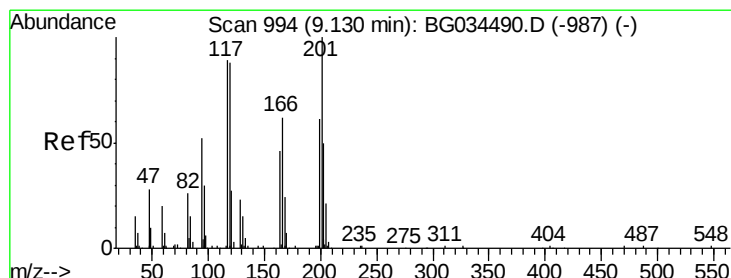
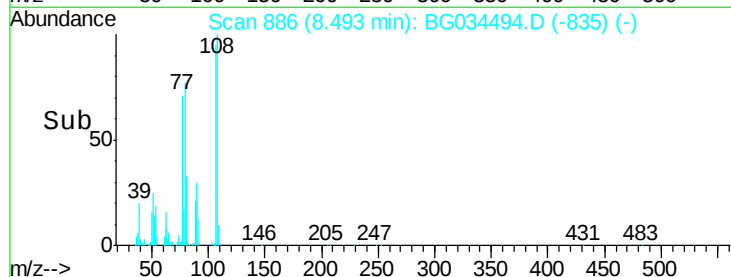
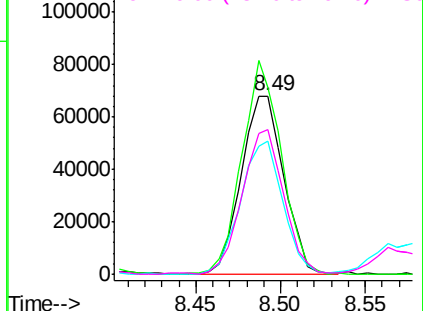
Abundance

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: 38.972 ng

RT: 9.13 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

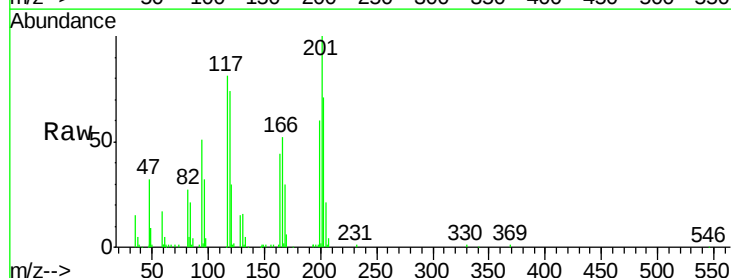
Tgt Ion:117 Resp: 60369

Ion Ratio Lower Upper

117 100

119 91.1 76.7 115.1

201 123.1 95.7 143.5

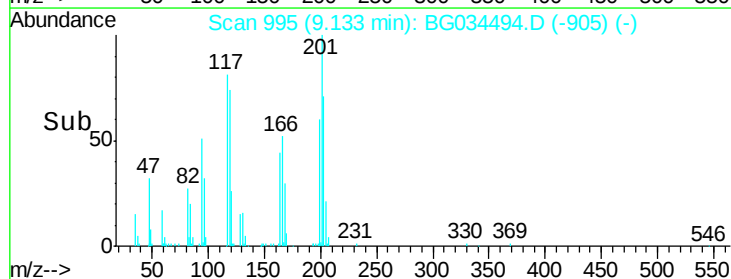
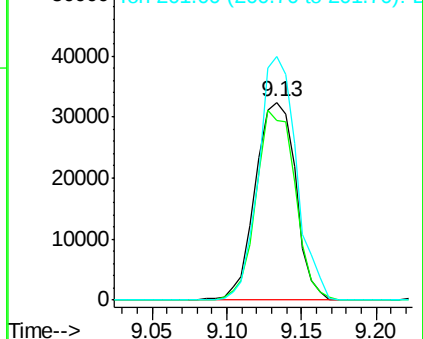


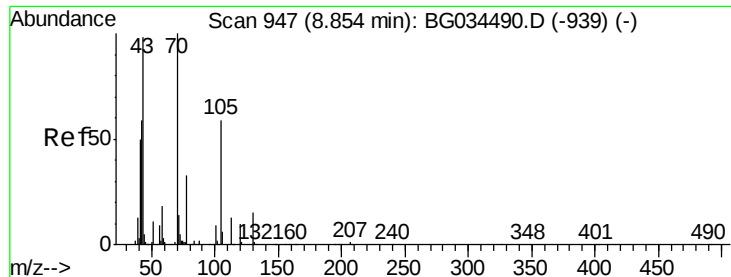
Abundance

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

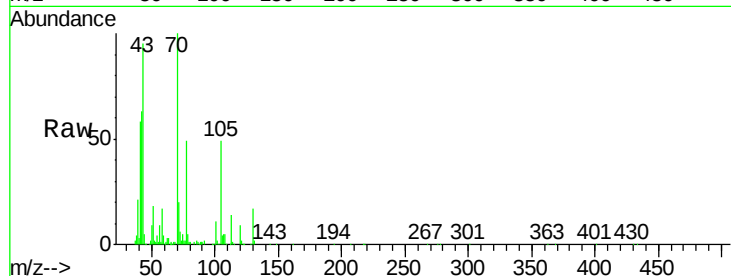




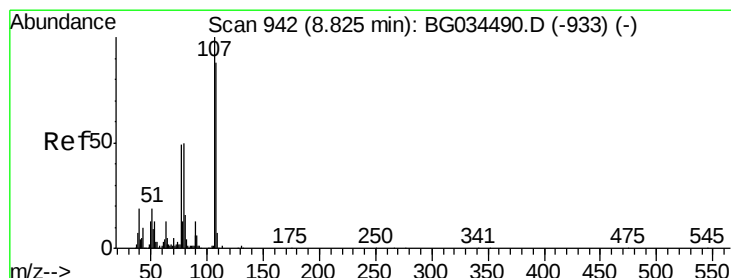
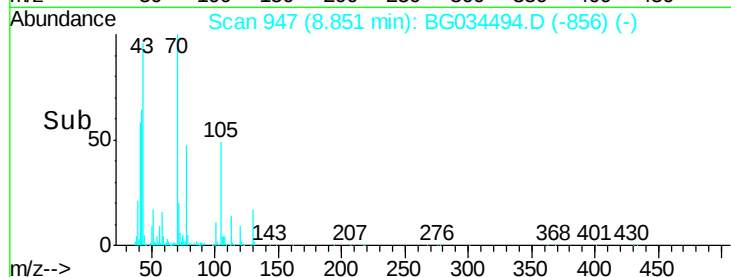
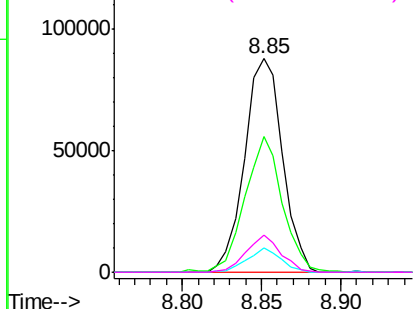
#19
 n-Nitroso-di-n-propylamine
 Concen: 37.824 ng
 RT: 8.85 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

Tgt Ion:	70	Resp:	145613
Ion	Ratio	Lower	Upper
70	100		
42	63.3	49.1	73.7
101	11.4	8.5	12.7
130	17.3	13.4	20.0

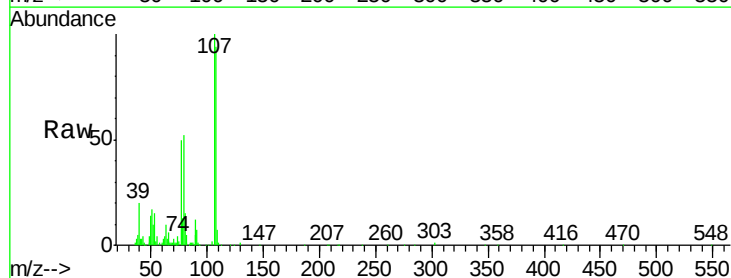


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

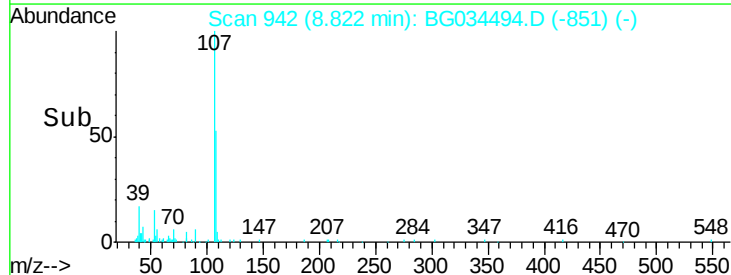
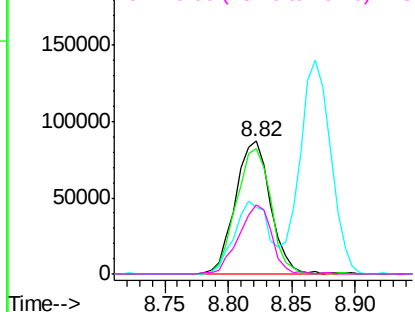


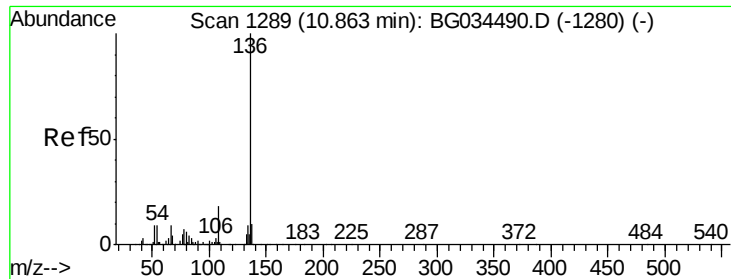
#20
 3+4-Methylphenols
 Concen: 38.356 ng
 RT: 8.82 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:	107	Resp:	168399
Ion	Ratio	Lower	Upper
107	100		
108	94.3	61.6	101.6
77	50.2	13.9	53.9
79	52.0	8.8	48.8#



Abundance Ion 107.00 (106.70 to 107.70): BGC
 Ion 108.00 (107.70 to 108.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

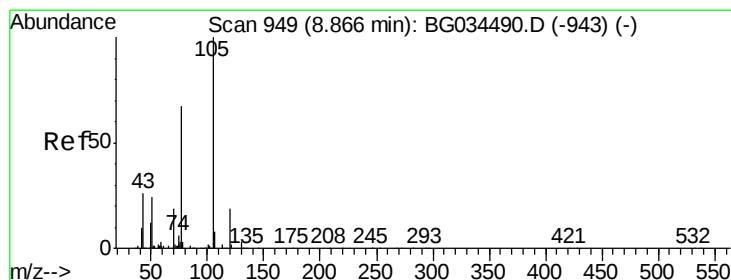
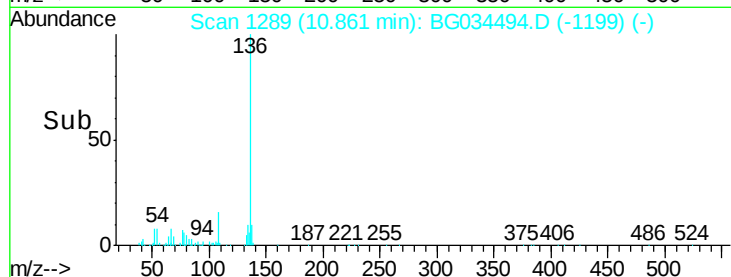
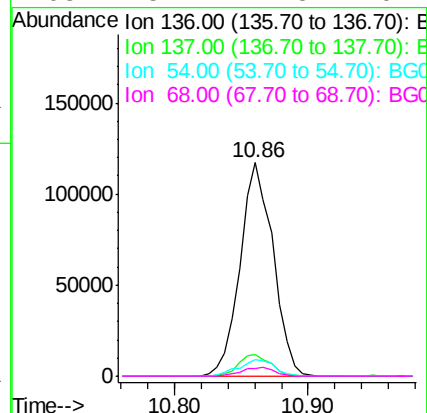
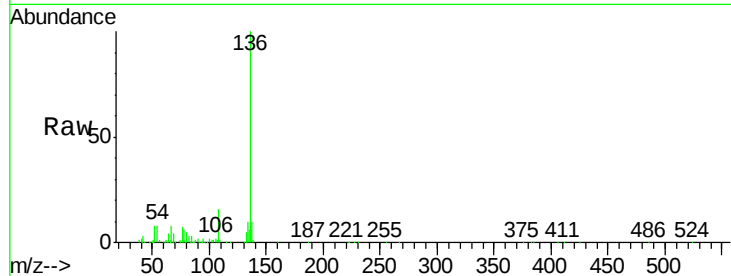




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

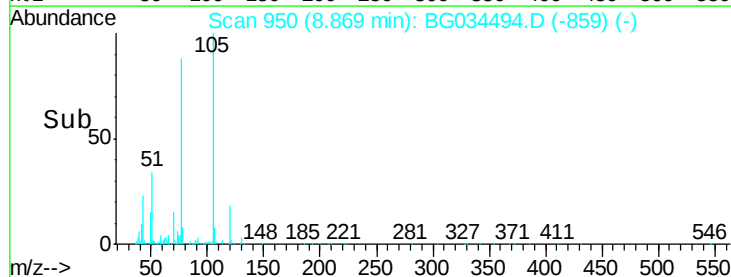
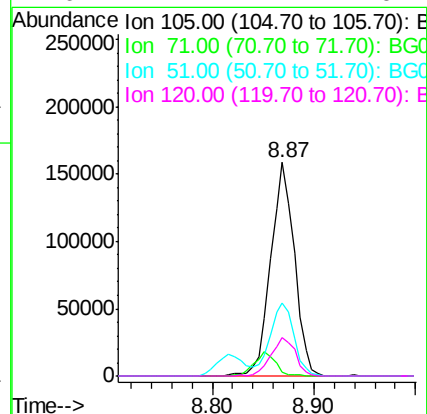
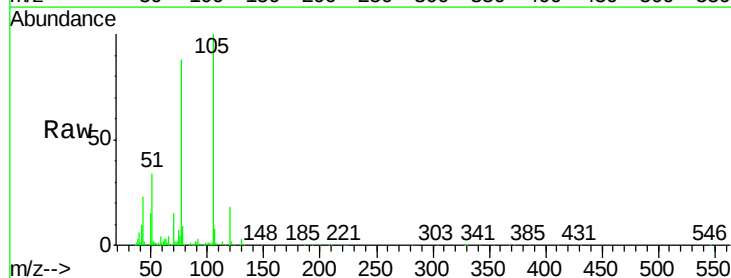
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

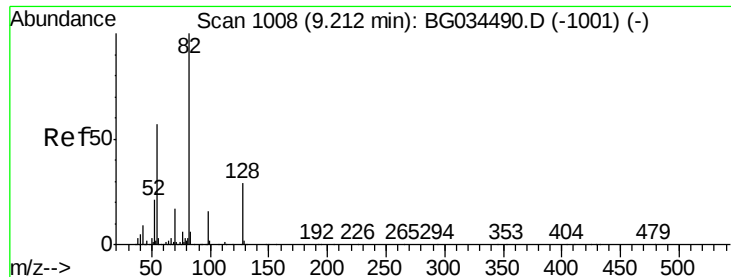
Tgt Ion:	136	Resp:	199902
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	7.9	10.3	15.5#
68	3.7	4.5	6.7#



#22
Acetophenone
Concen: 40.330 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion:	105	Resp:	257562
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.0	4.4#
51	34.3	26.1	39.1
120	17.7	17.4	26.2

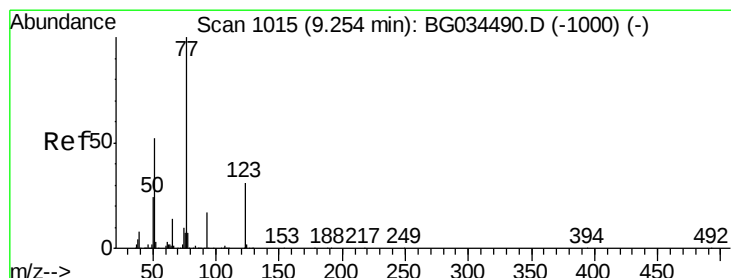
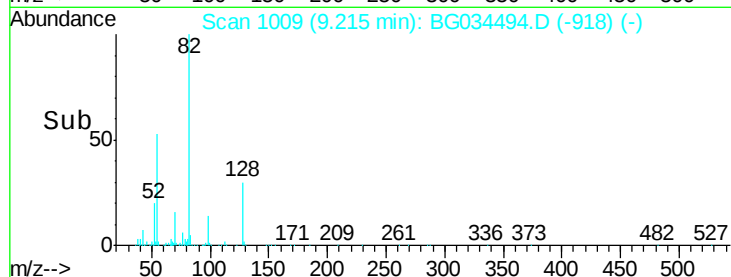
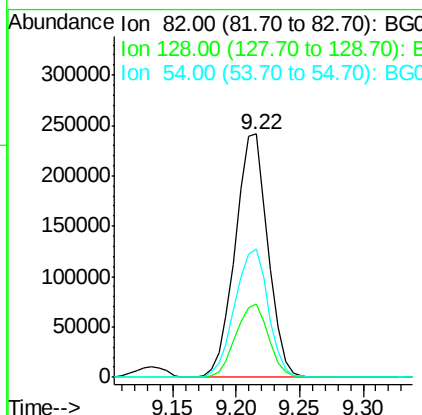
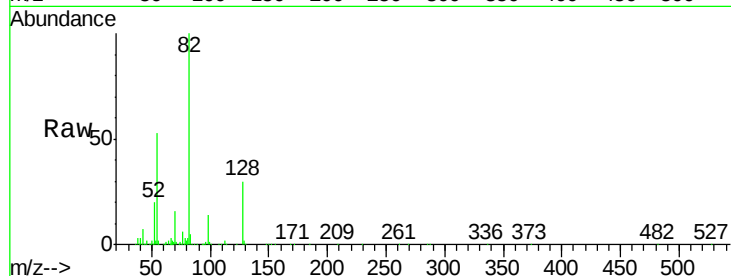




#23
 Nitrobenzene-d5
 Concen: 82.233 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

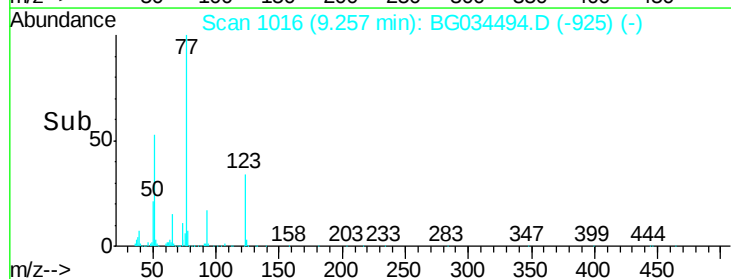
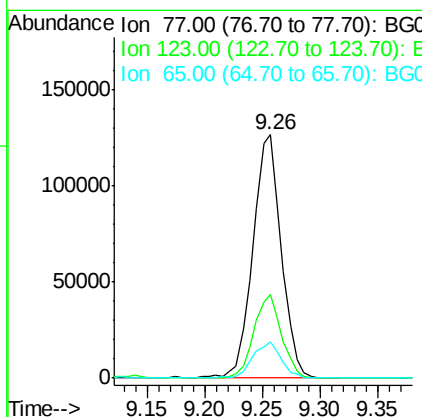
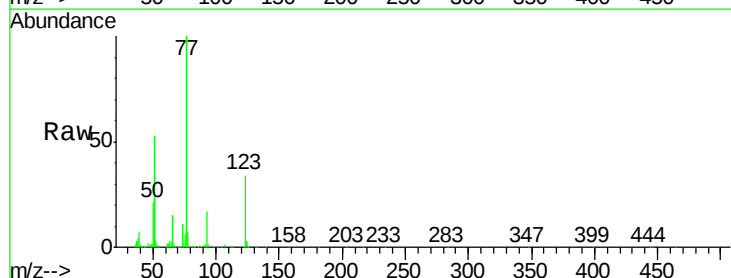
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

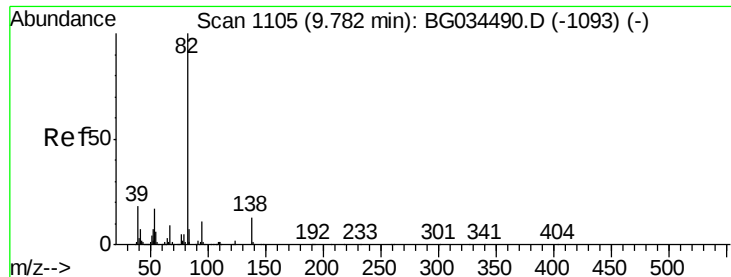
Tgt Ion: 82 Resp: 430325
 Ion Ratio Lower Upper
 82 100
 128 30.3 29.7 44.5
 54 52.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 39.882 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion: 77 Resp: 216615
 Ion Ratio Lower Upper
 77 100
 123 34.2 33.0 49.6
 65 15.0 13.0 19.6





#25

Isophorone

Concen: 41.080 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

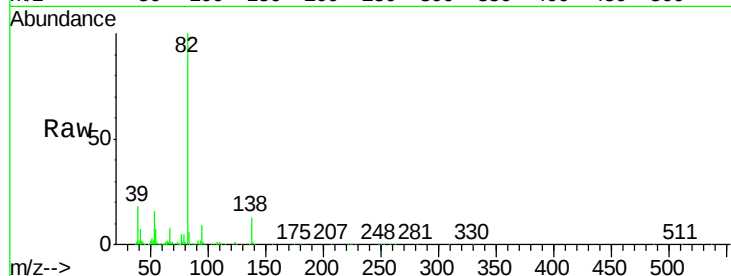
Tgt Ion: 82 Resp: 416690

Ion Ratio Lower Upper

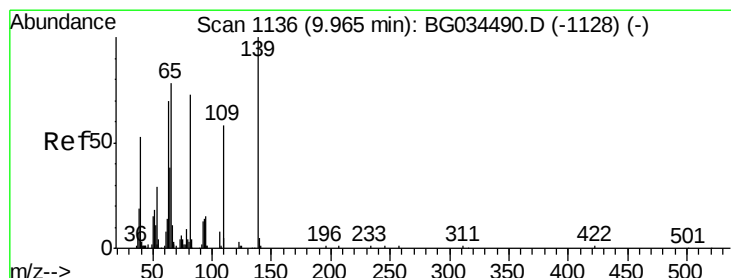
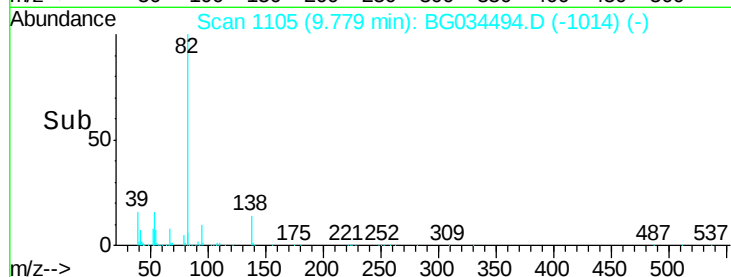
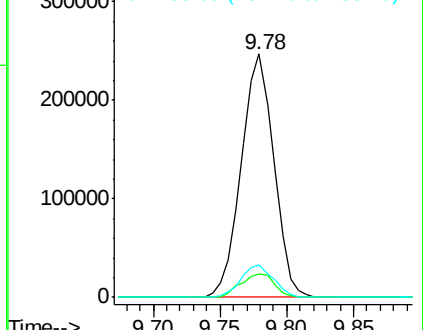
82 100

95 9.4 6.2 9.2#

138 13.4 12.1 18.1



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



#26

2-Nitrophenol

Concen: 41.352 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

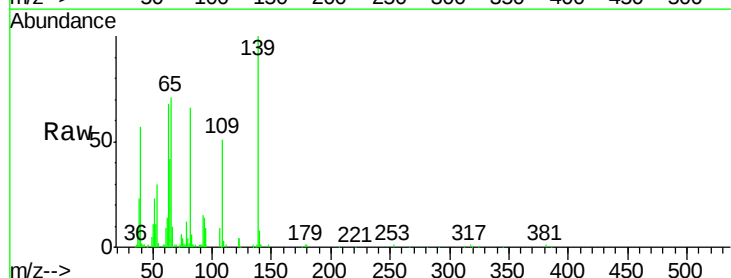
Tgt Ion: 139 Resp: 80203

Ion Ratio Lower Upper

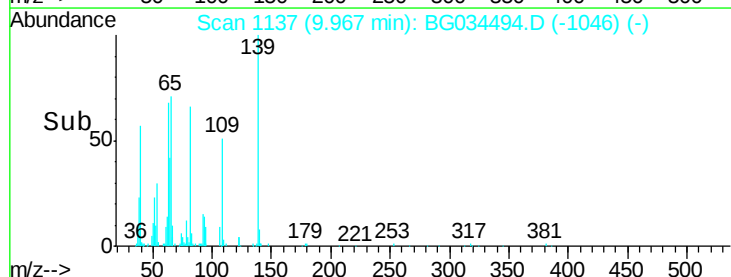
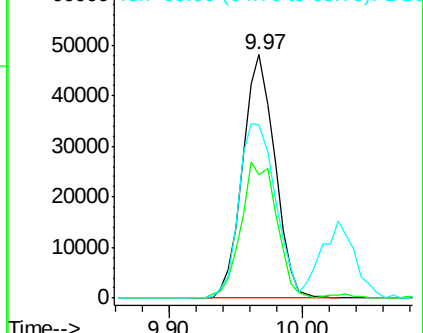
139 100

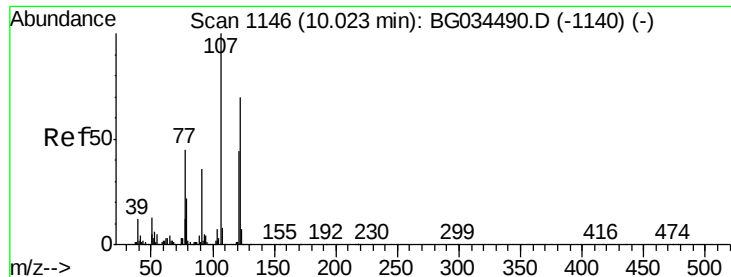
109 50.8 24.2 36.2#

65 71.3 47.4 71.0#



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

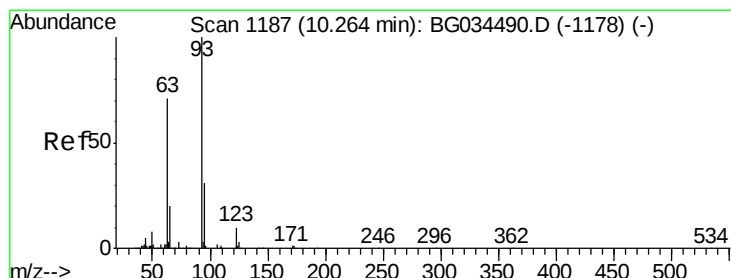
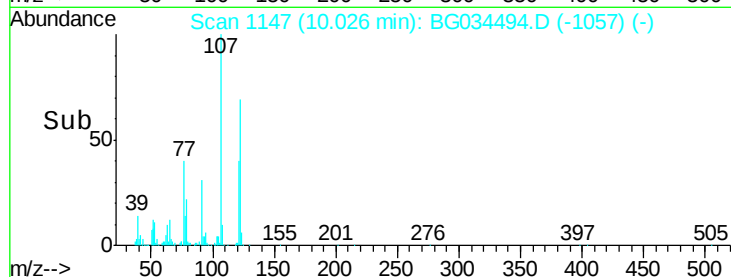
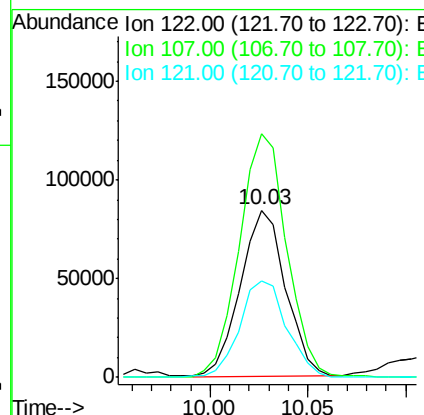
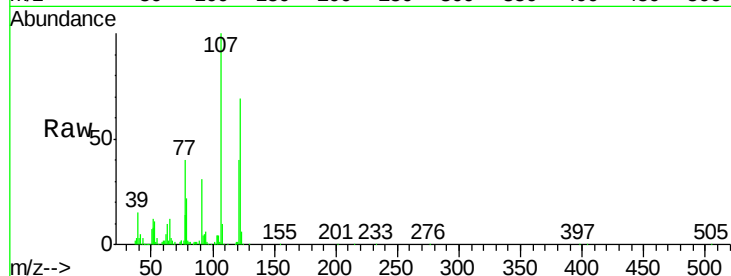




#27
 2,4-Dimethylphenol
 Concen: 40.060 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

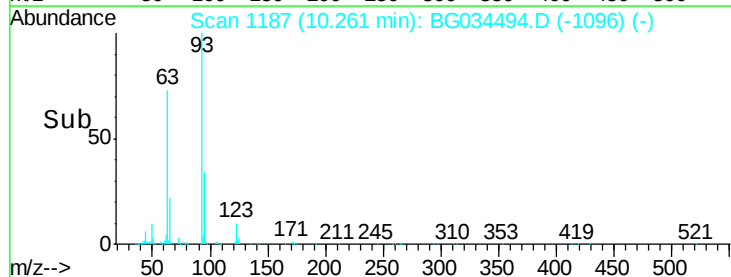
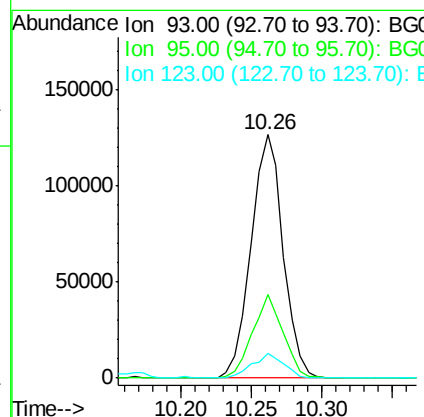
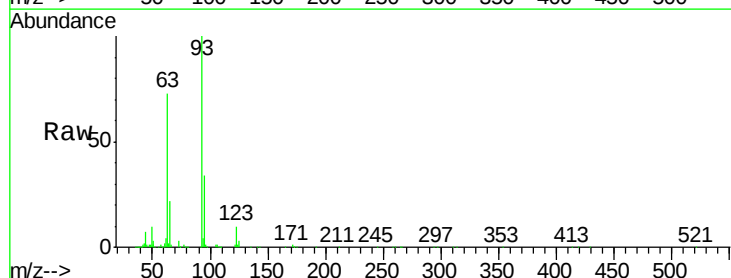
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

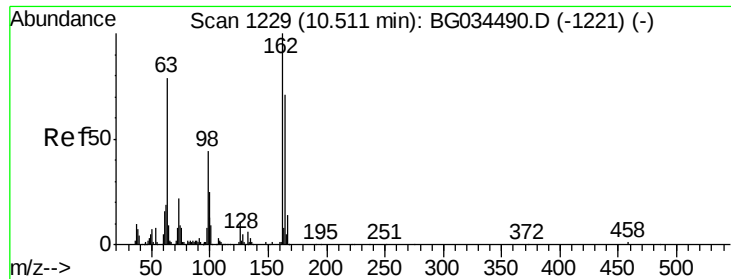
Tgt Ion:122 Resp: 135853
 Ion Ratio Lower Upper
 122 100
 107 145.6 100.2 150.2
 121 57.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.492 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion: 93 Resp: 201618
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.3 36.5
 123 10.2 8.4 12.6

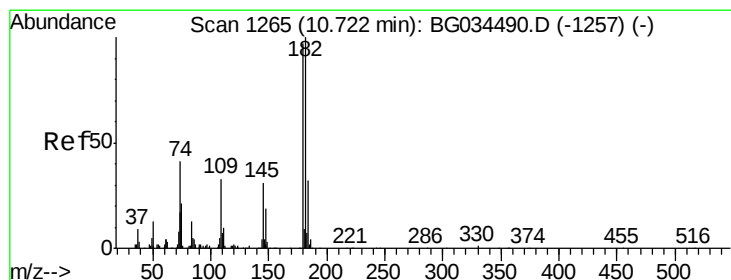
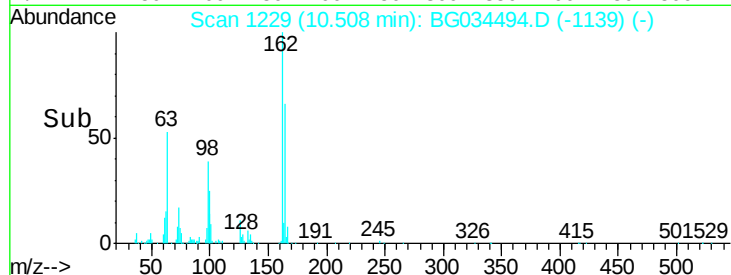
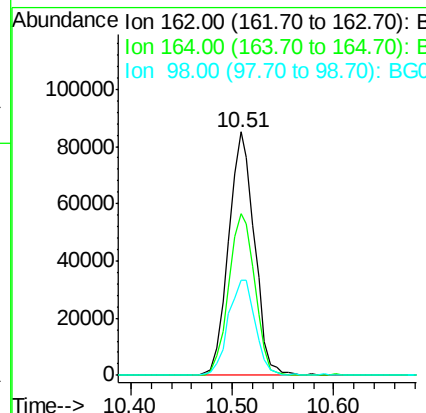
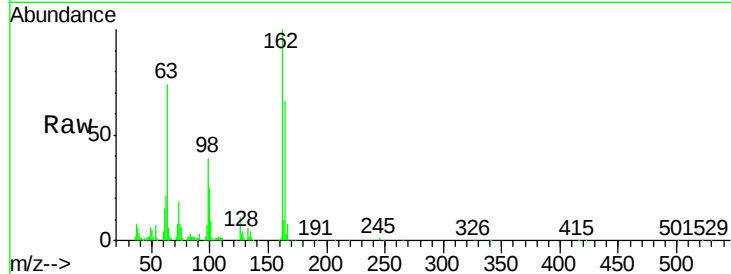




#29
 2,4-Dichlorophenol
 Concen: 42.458 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

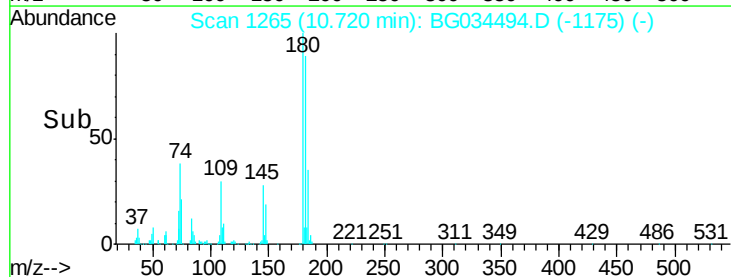
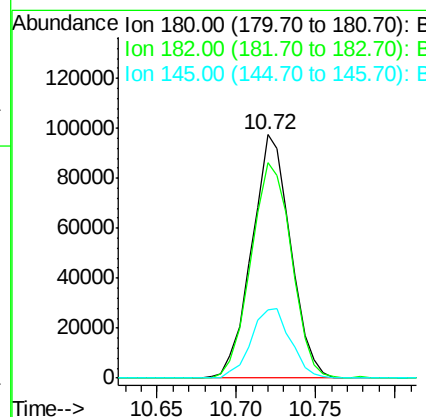
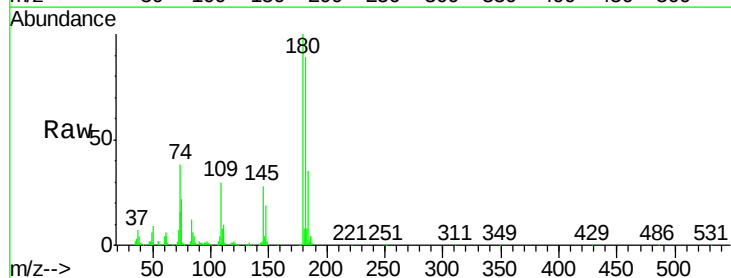
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

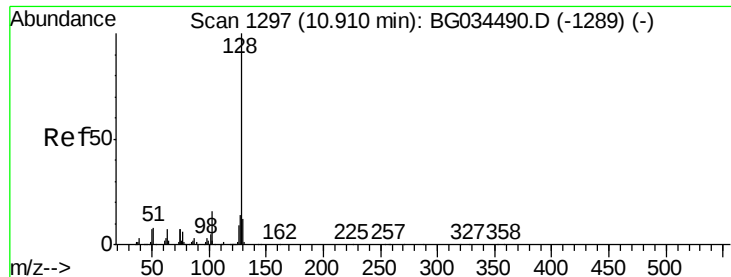
Tgt Ion:162 Resp: 150148
 Ion Ratio Lower Upper
 162 100
 164 66.3 48.0 88.0
 98 39.3 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.427 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:180 Resp: 165785
 Ion Ratio Lower Upper
 180 100
 182 88.6 77.5 116.3
 145 28.2 23.4 35.2





#31

Naphthalene

Concen: 40.732 ng

RT: 10.91 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

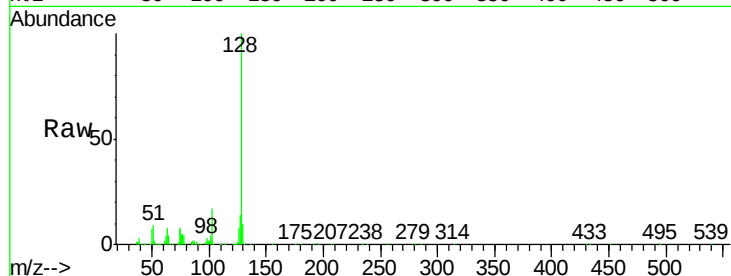
Tgt Ion:128 Resp: 423346

Ion Ratio Lower Upper

128 100

129 9.6 8.6 12.8

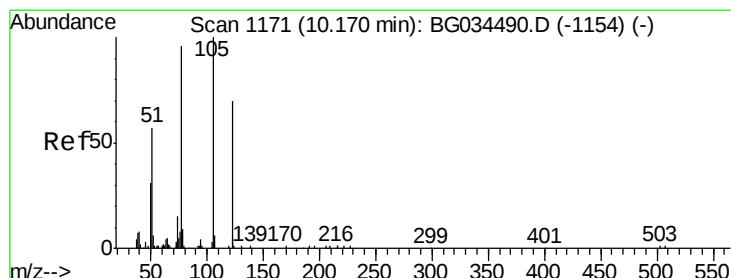
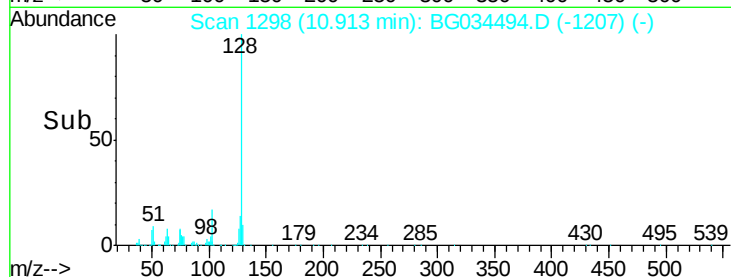
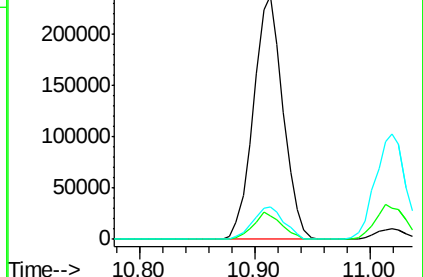
127 13.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.290 ng

RT: 10.16 min Scan# 1170

Delta R.T. 0.02 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

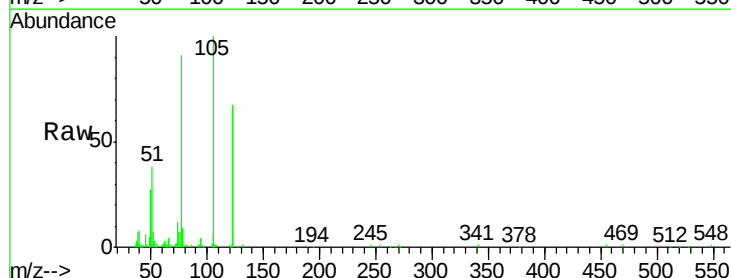
Tgt Ion:122 Resp: 94358

Ion Ratio Lower Upper

122 100

105 150.3 123.5 163.5

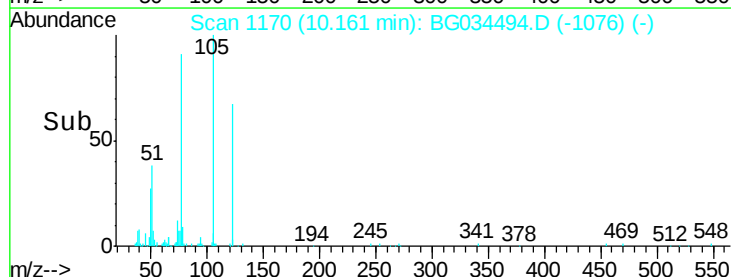
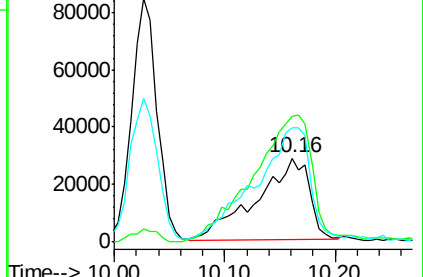
77 136.1 85.7 125.7#

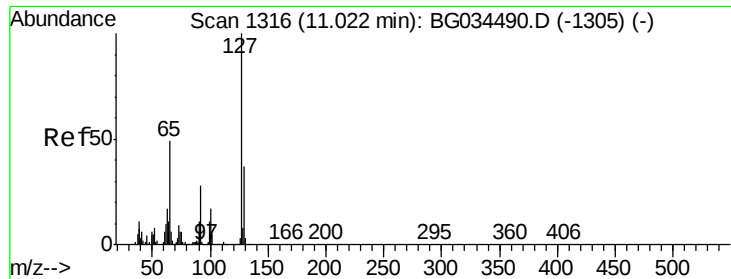


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

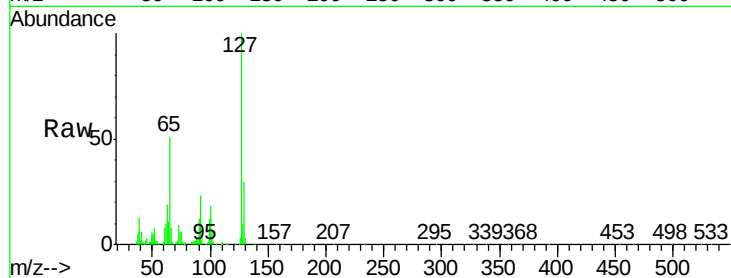




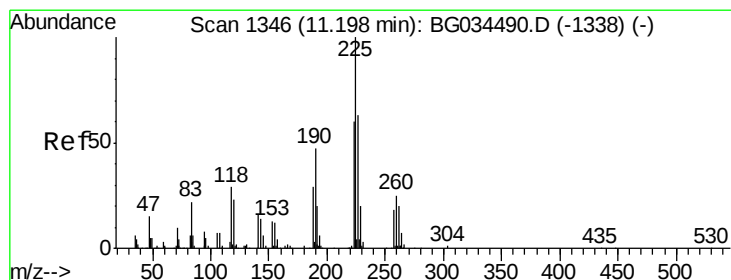
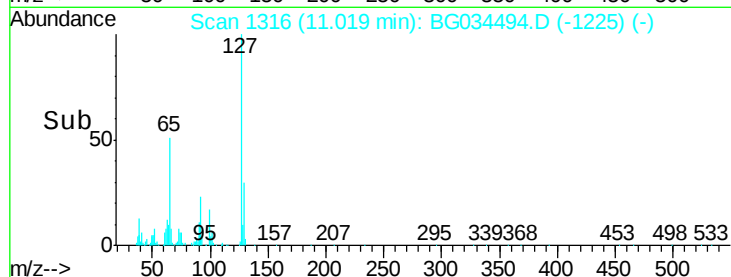
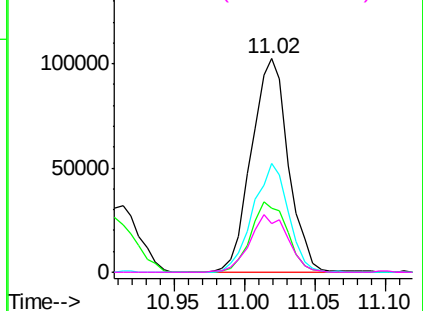
#33
 4-Chloroaniline
 Concen: 41.522 ng
 RT: 11.02 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

Tgt Ion:	127	Resp:	188210
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	51.2	27.0	40.4
92	23.0	16.6	25.0

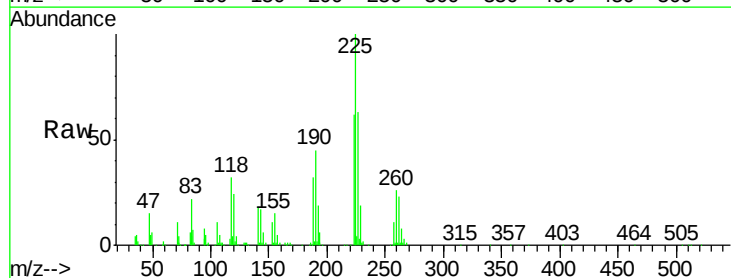


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

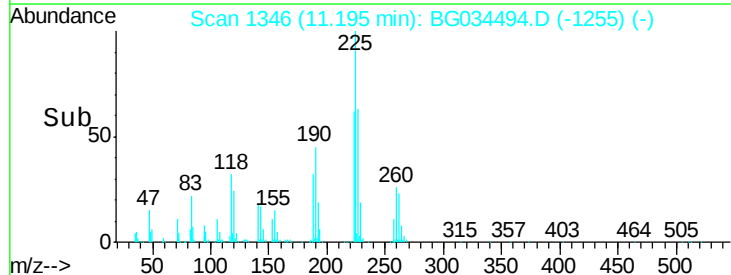
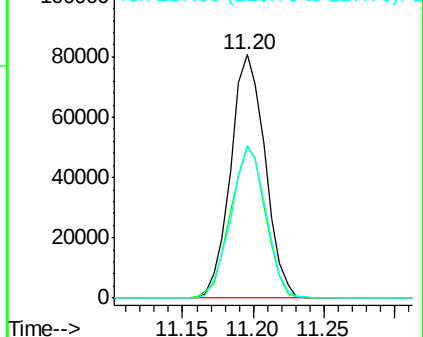


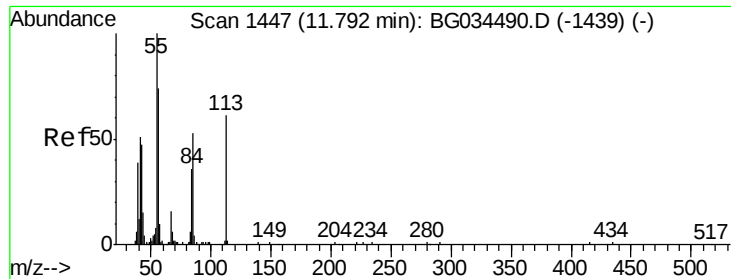
#34
 Hexachlorobutadiene
 Concen: 41.011 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:	225	Resp:	137004
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	62.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

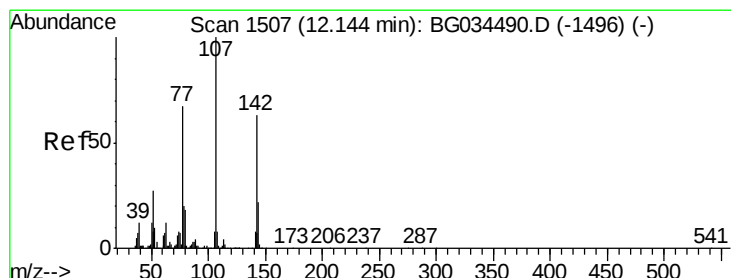
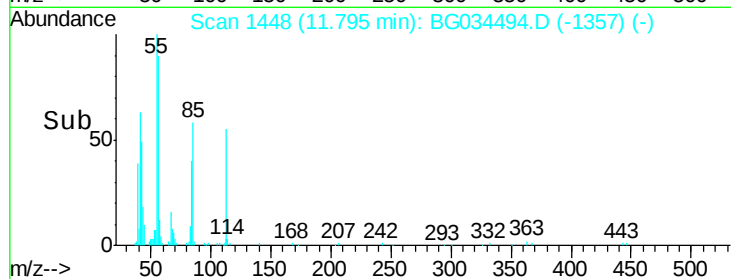
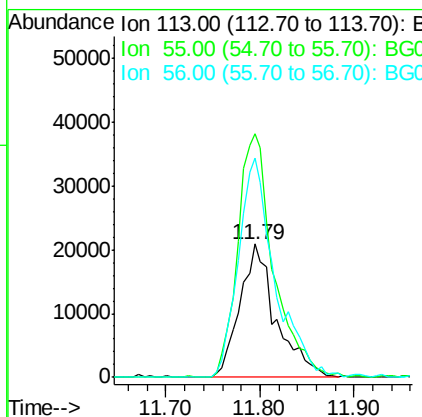
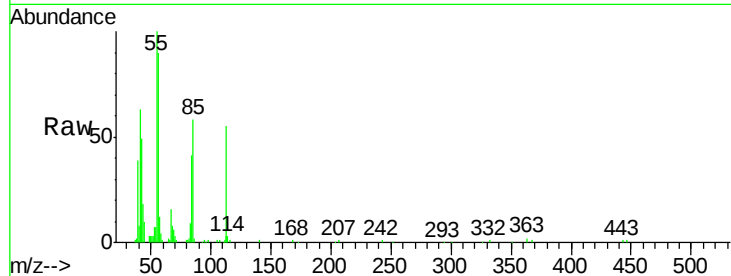




#35
 Caprolactam
 Concen: 41.310 ng
 RT: 11.79 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

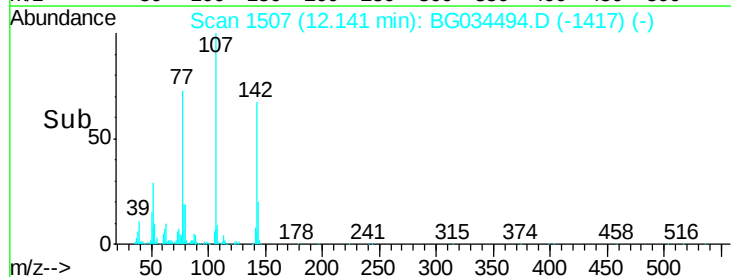
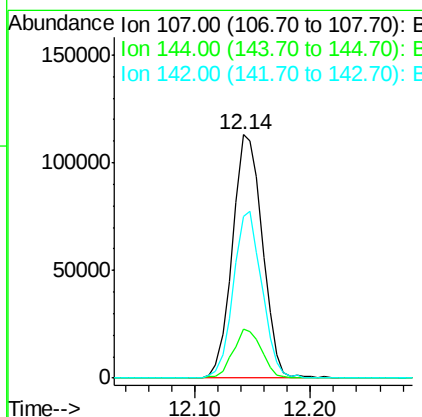
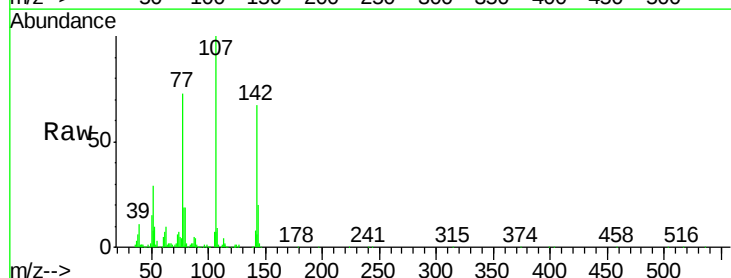
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

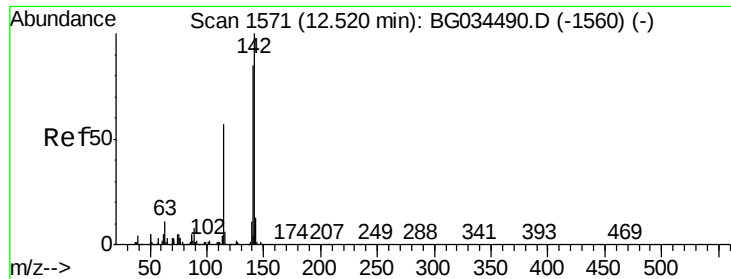
Tgt Ion:113 Resp: 55538
 Ion Ratio Lower Upper
 113 100
 55 182.8 186.9 226.9#
 56 164.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.580 ng
 RT: 12.14 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:107 Resp: 202897
 Ion Ratio Lower Upper
 107 100
 144 19.9 18.2 27.4
 142 66.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 40.207 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

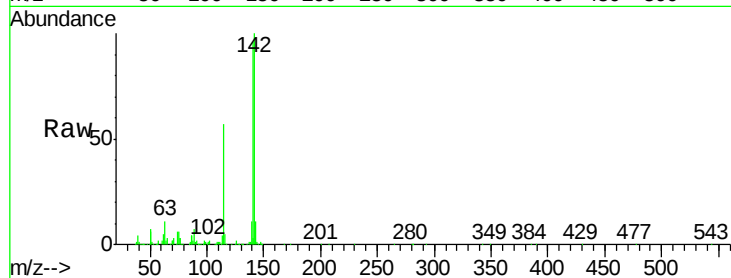
Tgt Ion:142 Resp: 337485

Ion Ratio Lower Upper

142 100

141 95.9 67.1 100.7

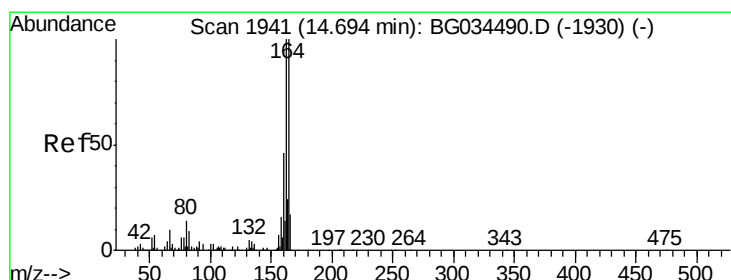
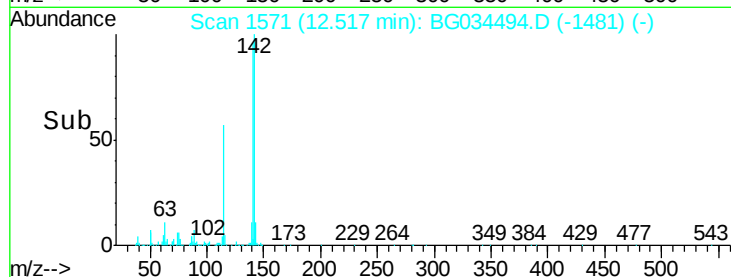
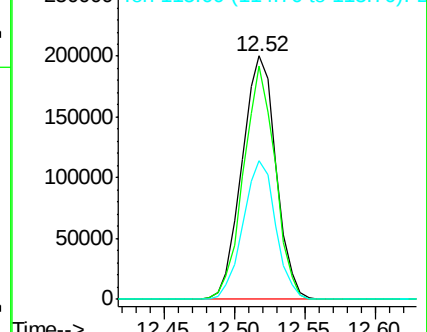
115 56.9 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

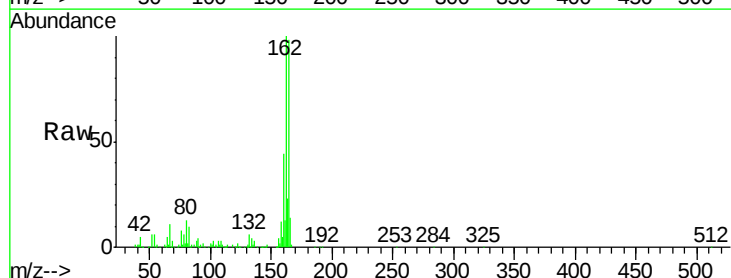
Tgt Ion:164 Resp: 152517

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

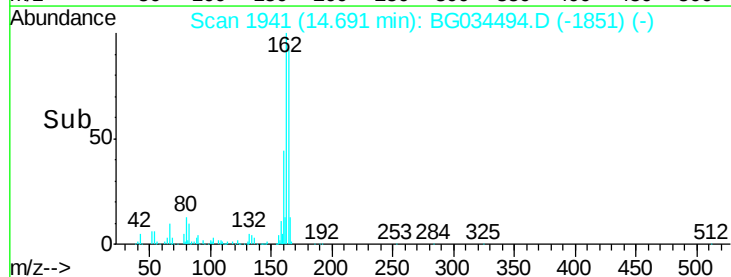
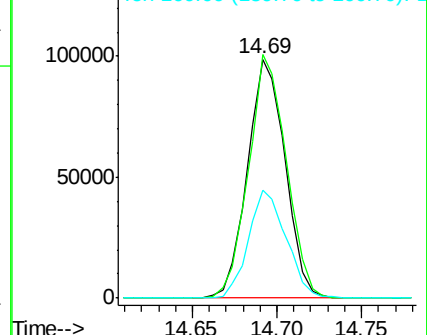
160 45.0 35.4 53.0

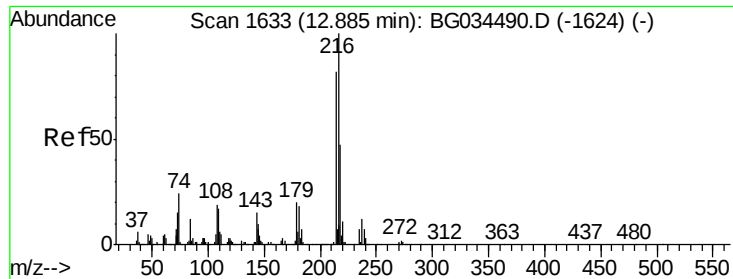


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

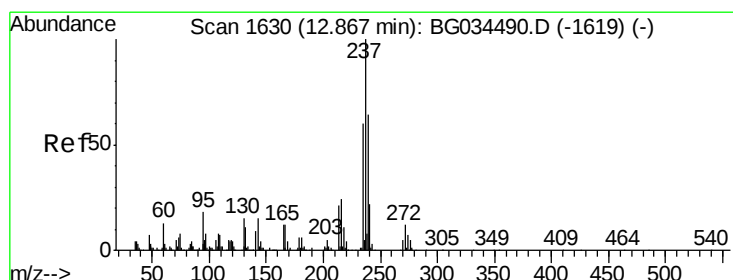
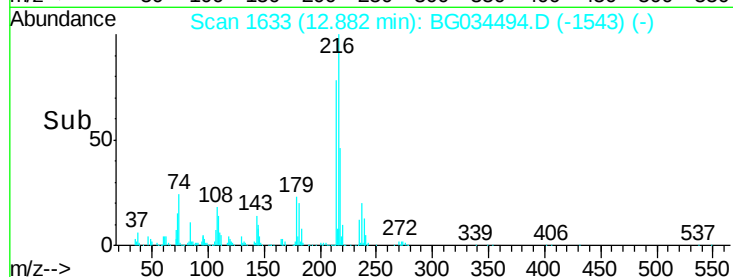
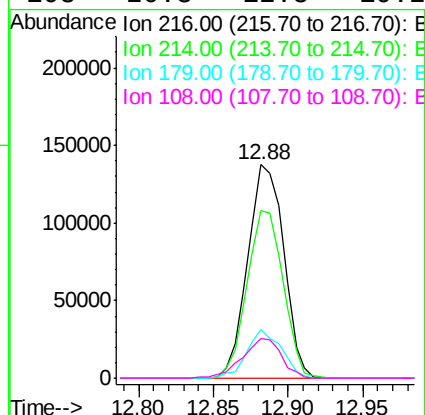
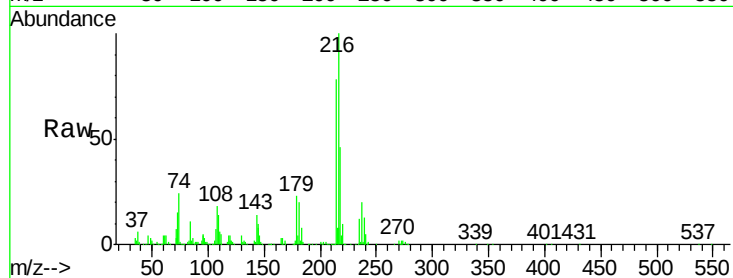




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.011 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

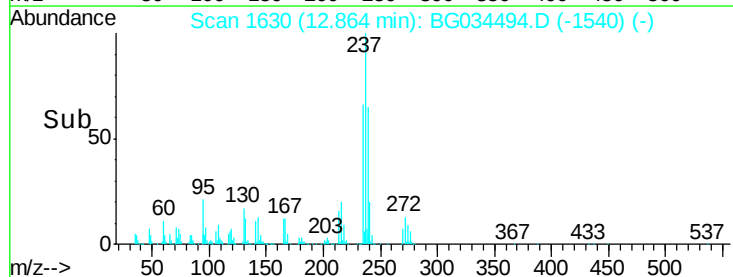
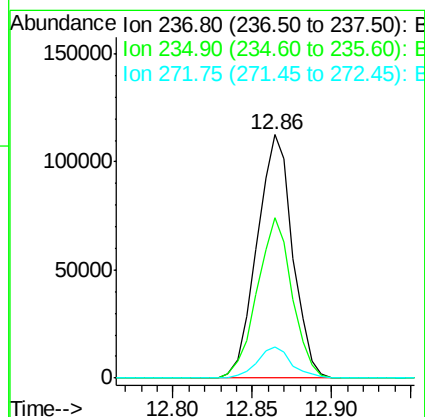
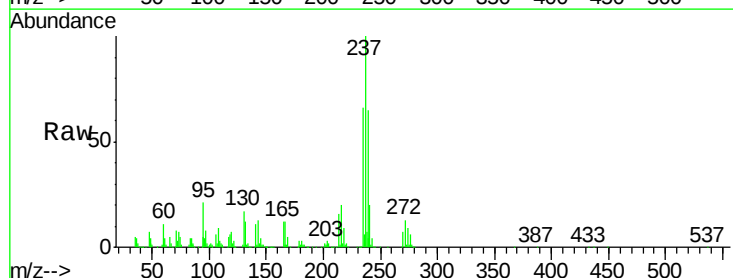
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

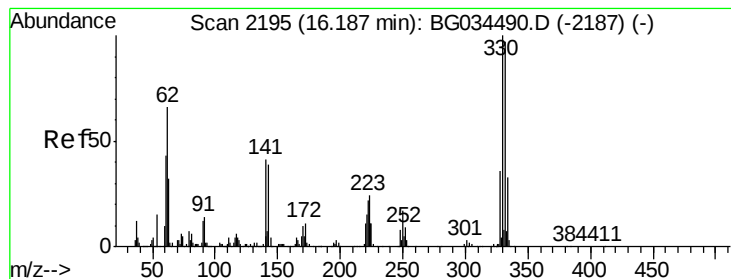
Tgt Ion:	216	Resp:	229334
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.0	17.0	25.6
108	20.3	12.8	19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 39.145 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:	237	Resp:	175697
Ion	Ratio	Lower	Upper
237	100		
235	66.0	50.4	90.4
272	12.7	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 79.783 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

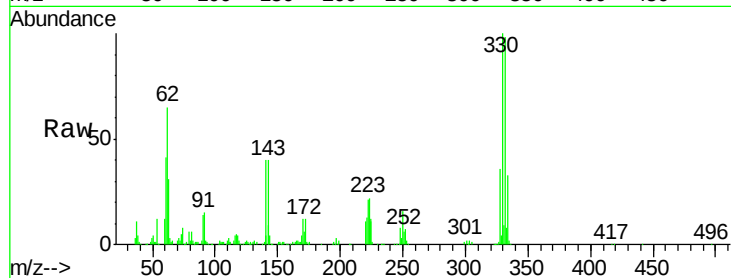
Tgt Ion:330 Resp: 209570

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

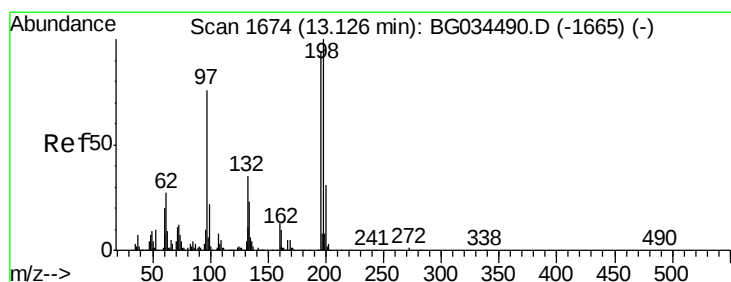
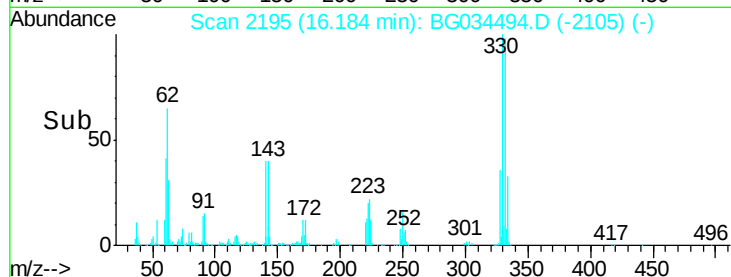
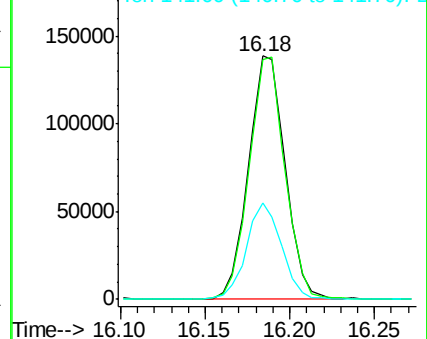
141 38.0 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.197 ng

RT: 13.12 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

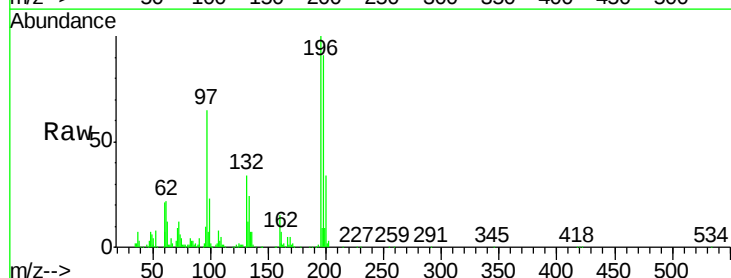
Tgt Ion:196 Resp: 143341

Ion Ratio Lower Upper

196 100

198 90.8 78.2 117.2

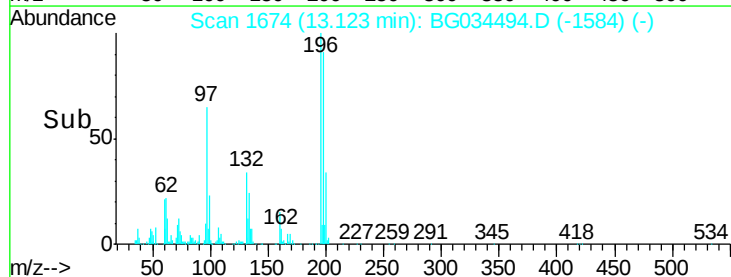
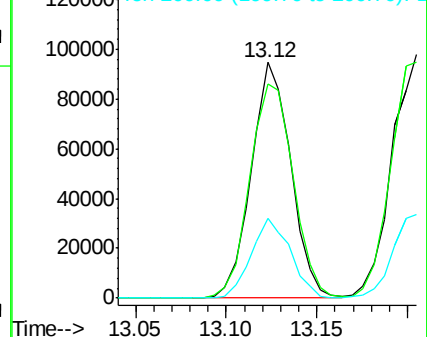
200 33.6 24.6 36.8

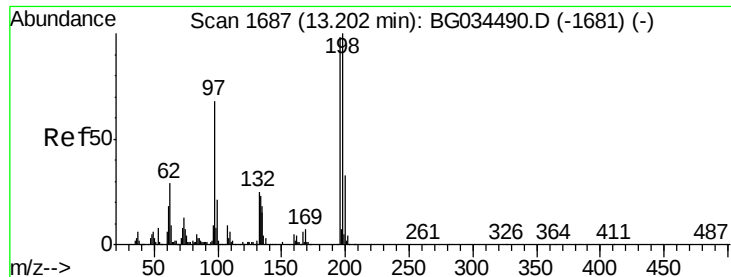


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

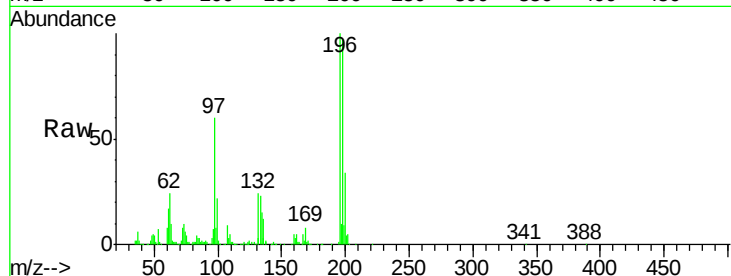




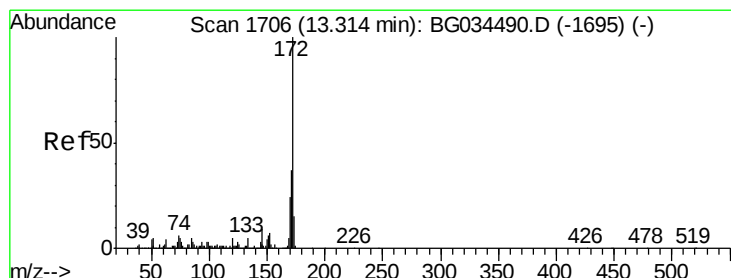
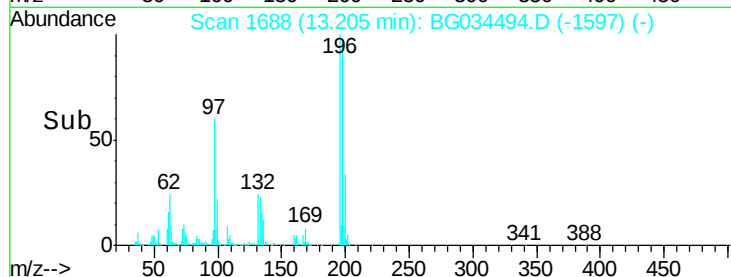
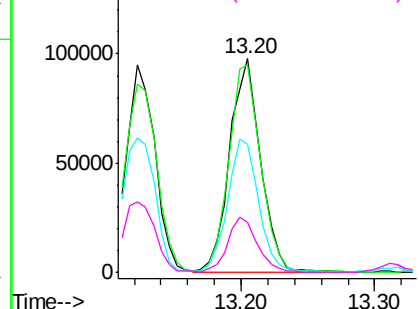
#43
 2,4,5-Trichlorophenol
 Concen: 40.615 ng
 RT: 13.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.4
97	60.1	38.7	58.1#
132	23.6	20.2	30.2

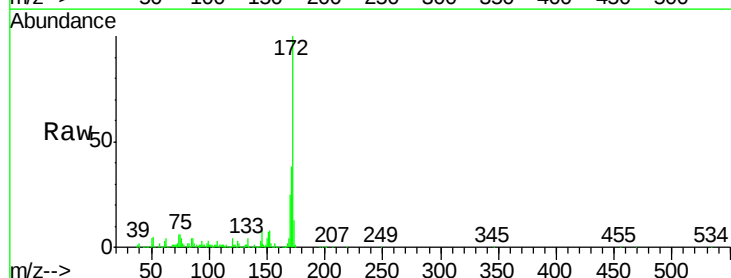


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

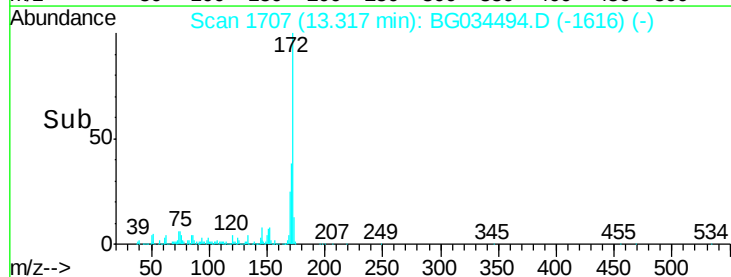
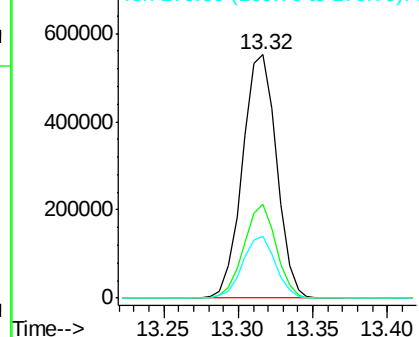


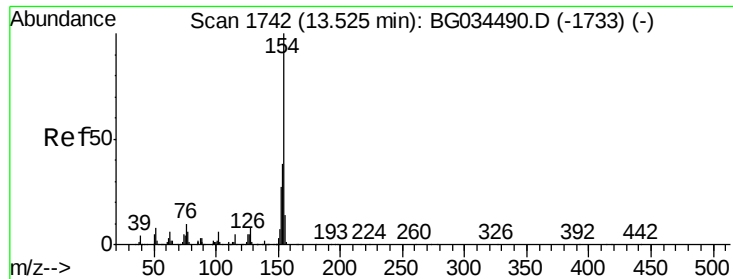
#44
 2-Fluorobiphenyl
 Concen: 77.450 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.2	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

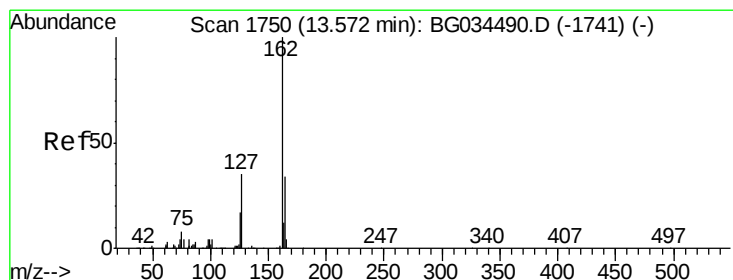
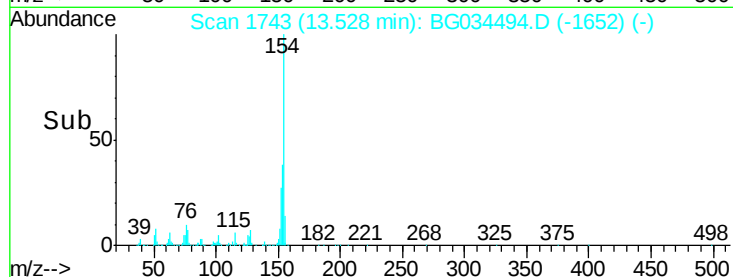
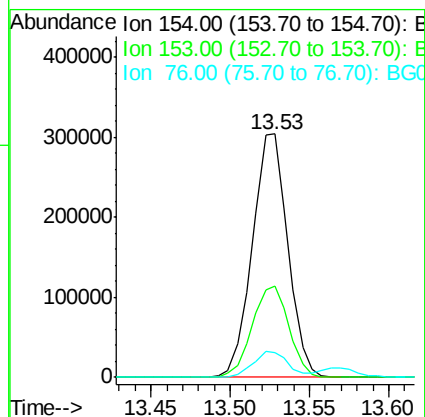
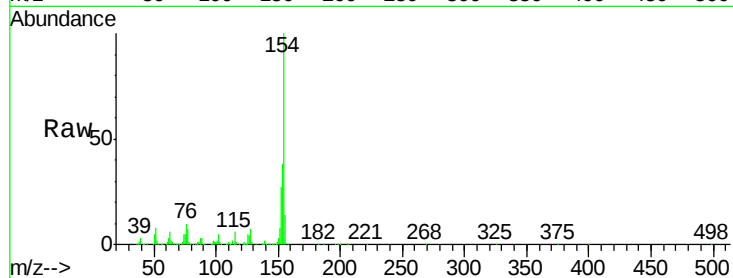




#45
 1,1'-Biphenyl
 Concen: 39.403 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

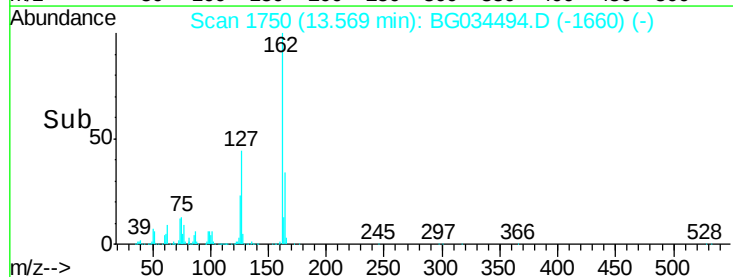
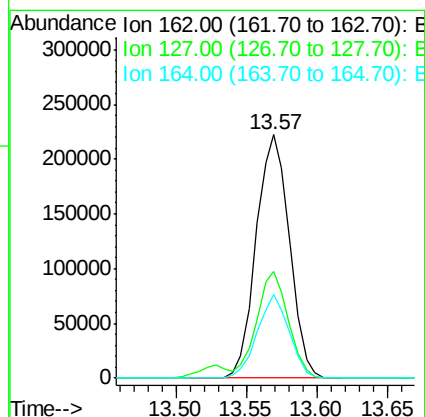
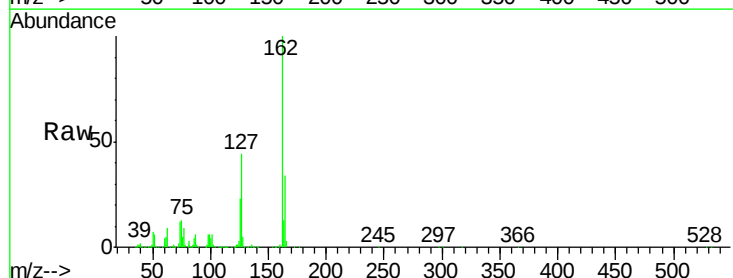
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

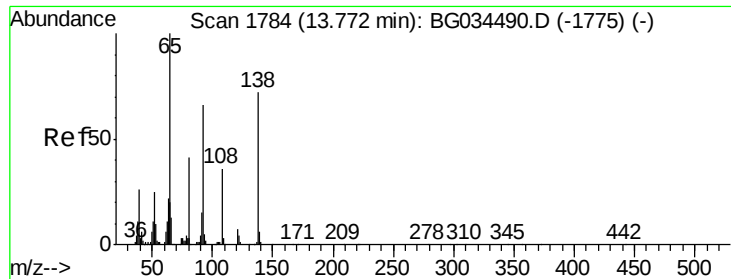
Tgt Ion:154 Resp: 473319
 Ion Ratio Lower Upper
 154 100
 153 37.6 19.8 59.8
 76 9.9 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 38.970 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:162 Resp: 368477
 Ion Ratio Lower Upper
 162 100
 127 44.1 30.7 46.1
 164 34.1 26.0 39.0

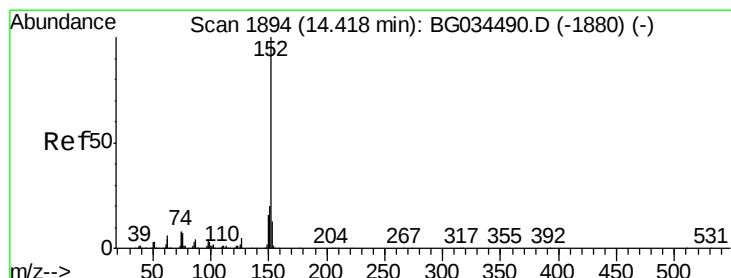
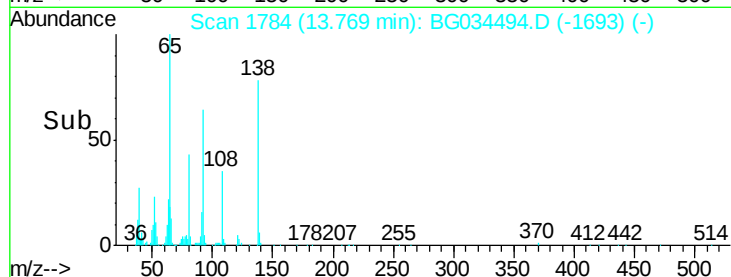
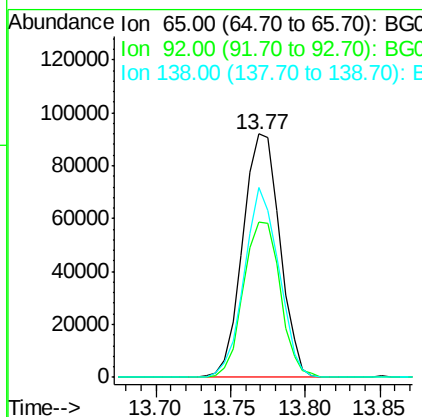
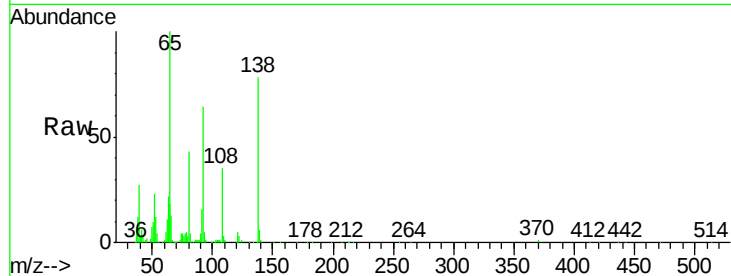




#47
2-Nitroaniline
Concen: 41.018 ng
RT: 13.77 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

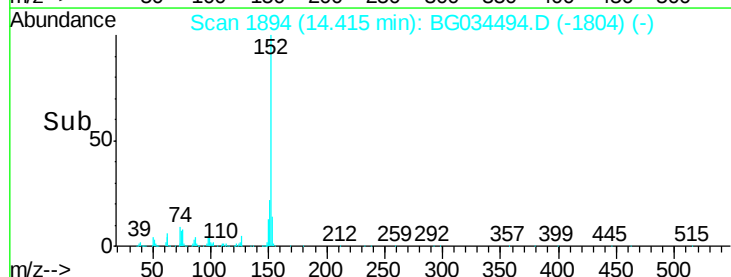
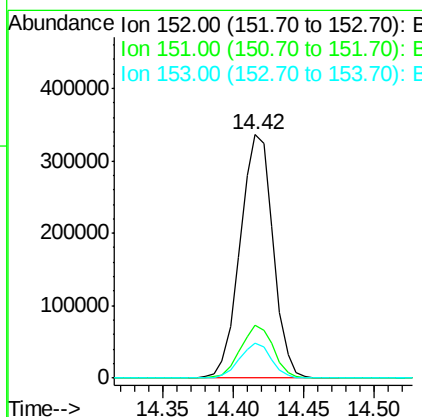
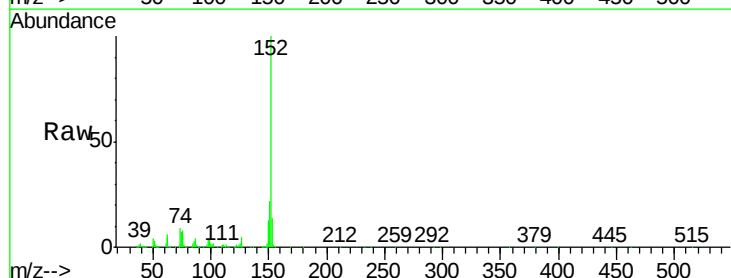
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

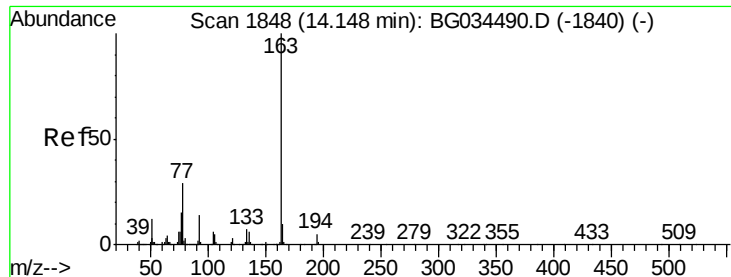
Tgt Ion: 65 Resp: 158448
Ion Ratio Lower Upper
65 100
92 63.6 54.6 82.0
138 78.1 72.9 109.3



#48
Acenaphthylene
Concen: 37.874 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion: 152 Resp: 548044
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 14.2 10.2 15.4





#49

Dimethylphthalate

Concen: 39.095 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

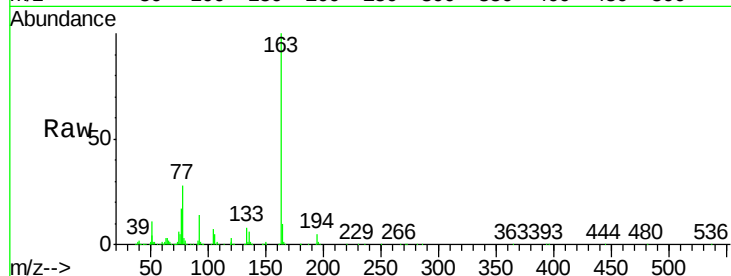
Tgt Ion:163 Resp: 514671

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

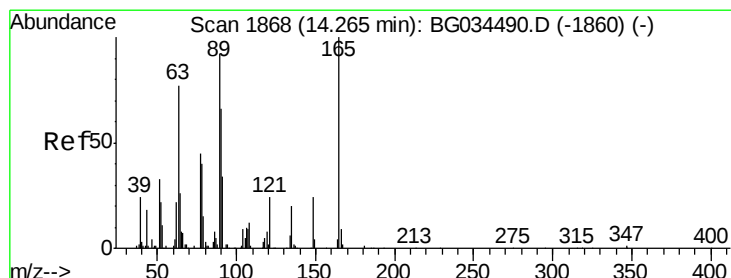
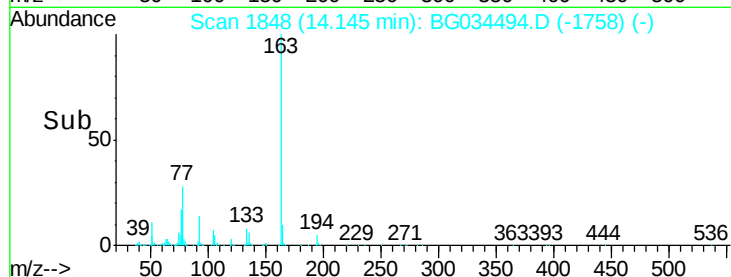
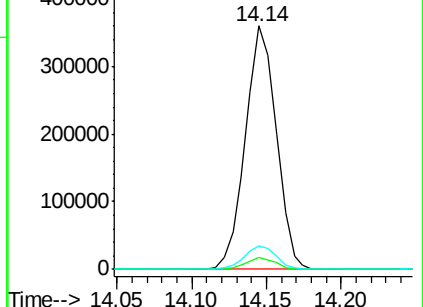
164 9.8 8.2 12.4



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: 41.670 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

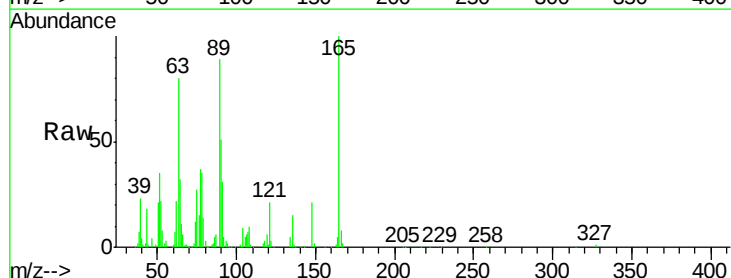
Tgt Ion:165 Resp: 112494

Ion Ratio Lower Upper

165 100

63 79.9 52.7 79.1#

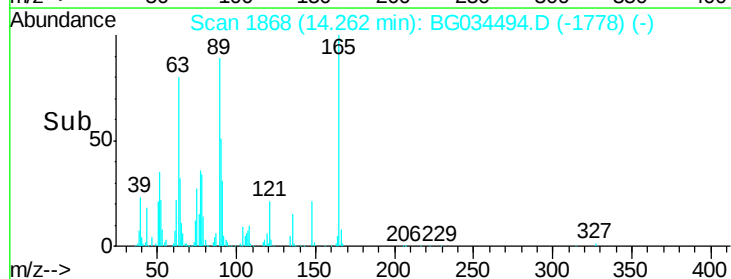
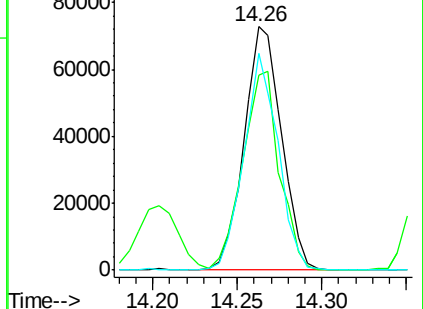
89 88.9 49.2 73.8#

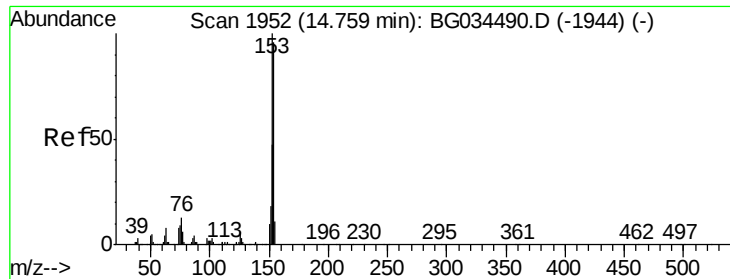


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.095 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

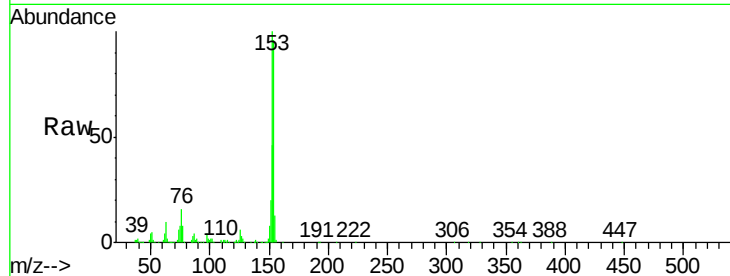
Tgt Ion:154 Resp: 357362

Ion Ratio Lower Upper

154 100

153 104.6 90.4 135.6

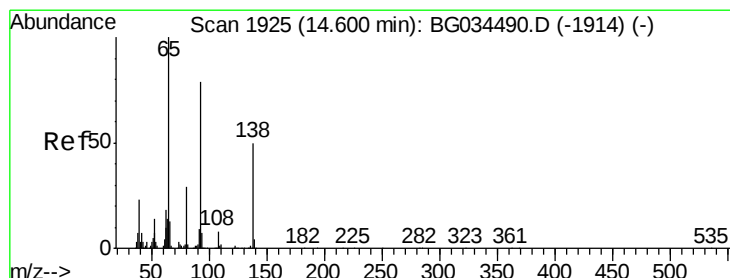
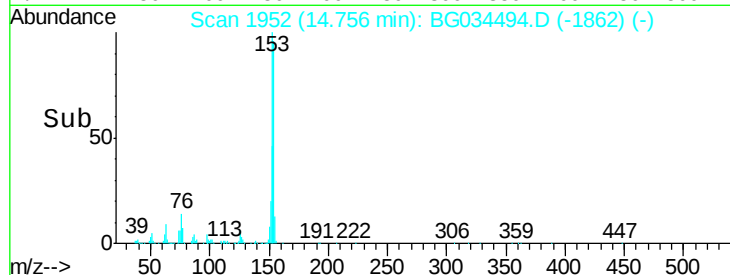
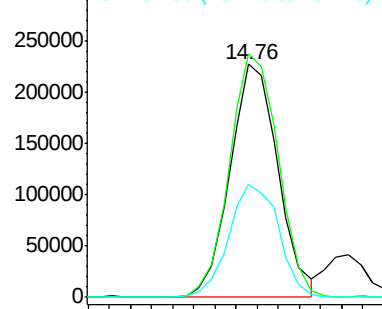
152 48.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.646 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

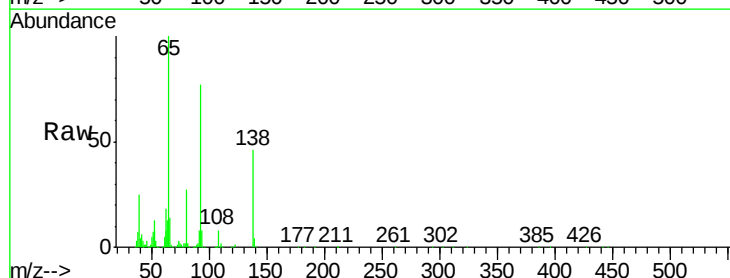
Tgt Ion:138 Resp: 96428

Ion Ratio Lower Upper

138 100

108 16.4 17.5 26.3#

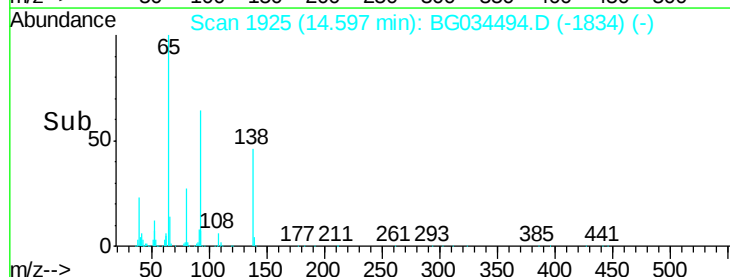
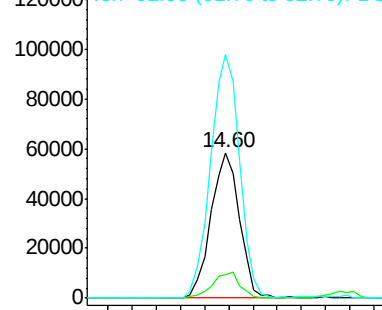
92 167.4 105.8 158.8#

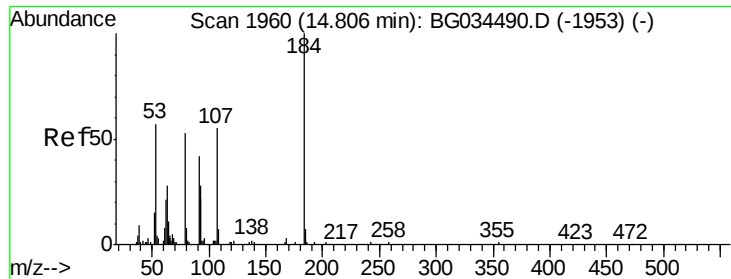


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 41.383 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

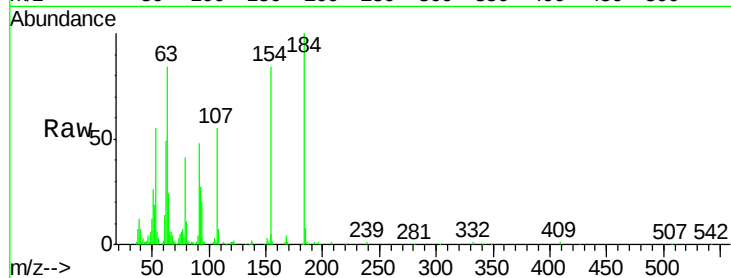
Tgt Ion:184 Resp: 73501

Ion Ratio Lower Upper

184 100

63 83.8 59.8 89.8

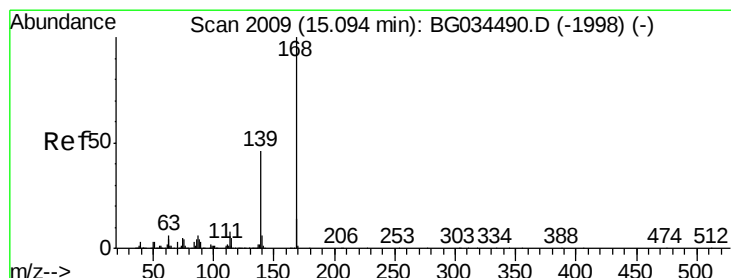
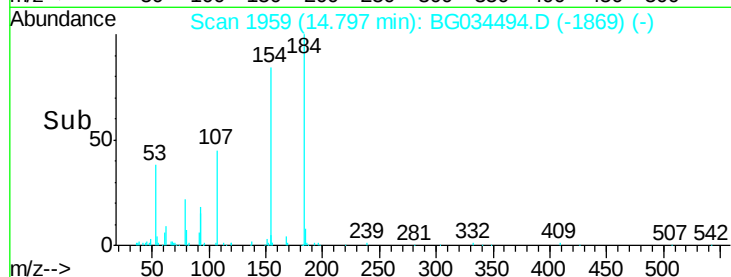
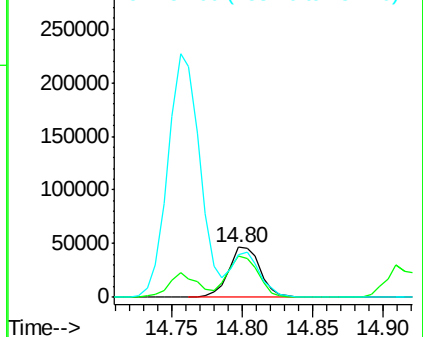
154 84.5 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.827 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

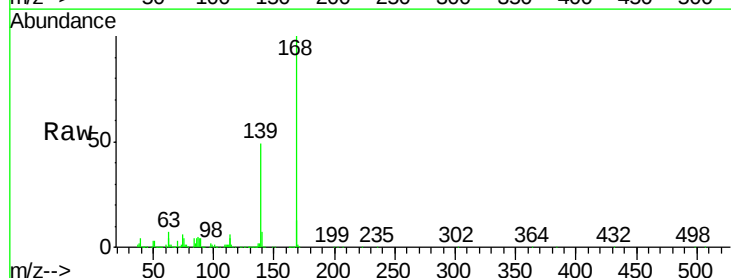
Tgt Ion:168 Resp: 597458

Ion Ratio Lower Upper

168 100

139 48.6 28.6 43.0#

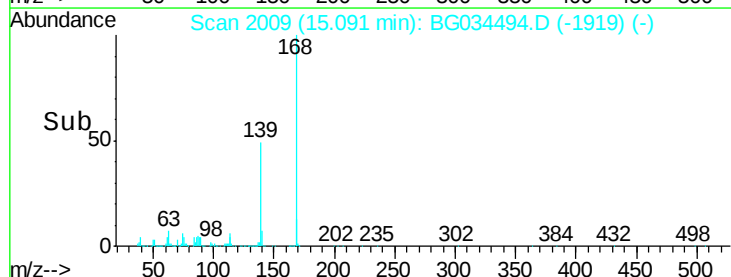
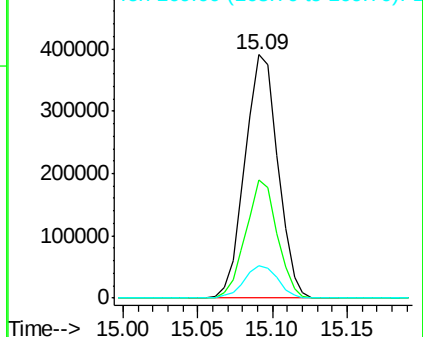
169 13.5 11.2 16.8

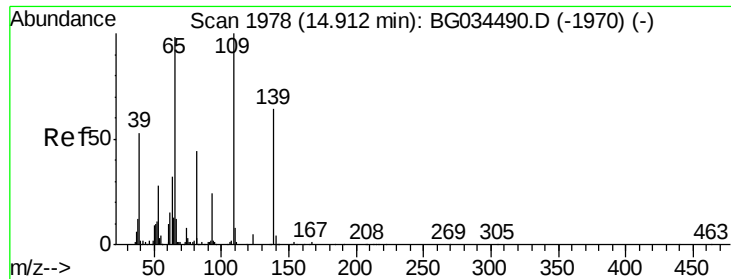


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.915 ng

RT: 14.91 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

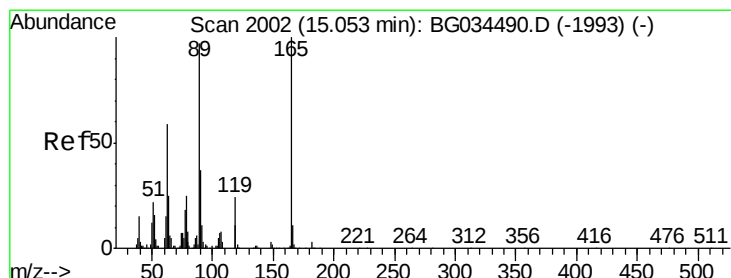
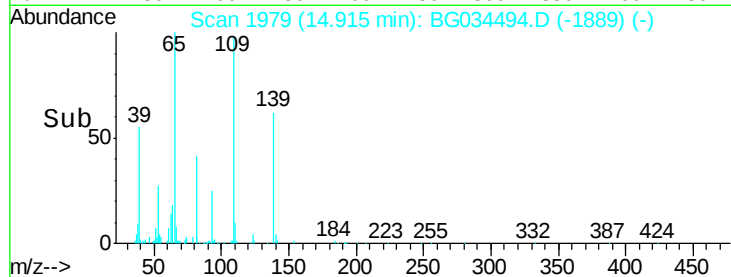
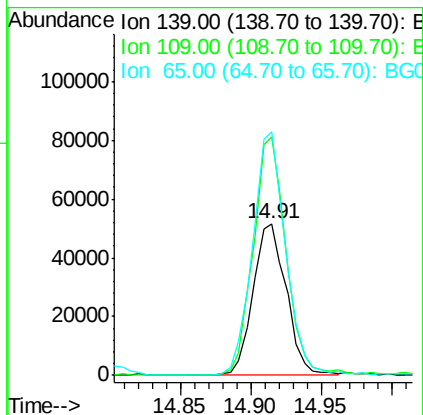
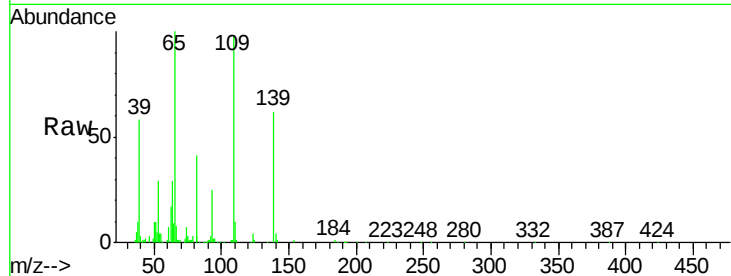
Tgt Ion:139 Resp: 85328

Ion Ratio Lower Upper

139 100

109 157.3 62.2 102.2#

65 160.3 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 40.043 ng

RT: 15.06 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Tgt Ion:165 Resp: 160469

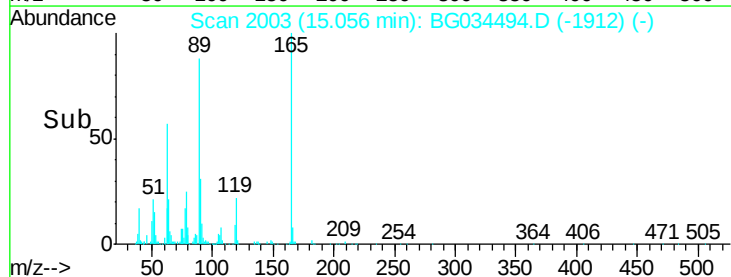
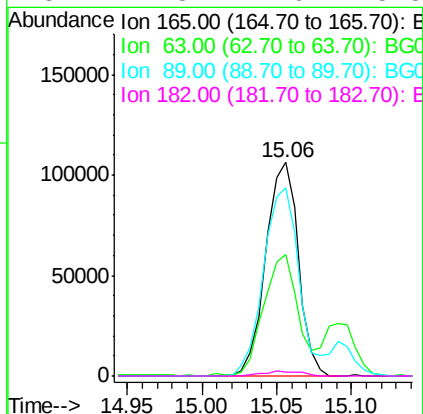
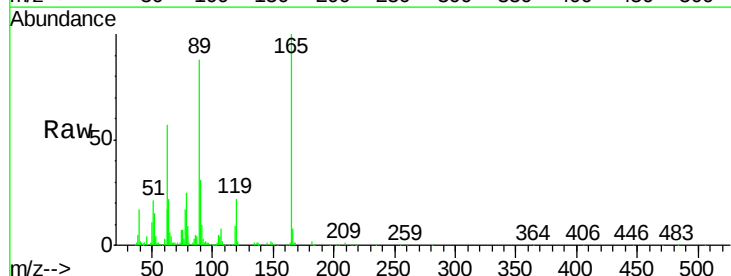
Ion Ratio Lower Upper

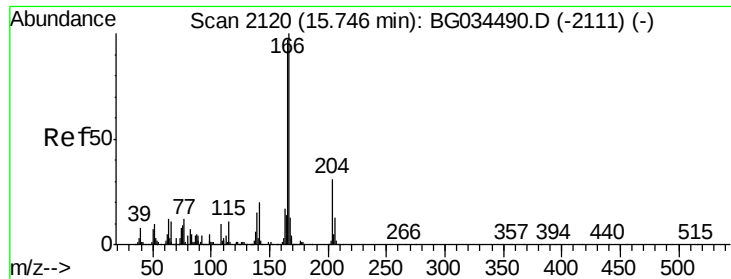
165 100

63 56.9 42.0 63.0

89 88.2 66.9 100.3

182 1.8 2.6 3.8#





#57

Fluorene

Concen: 39.089 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

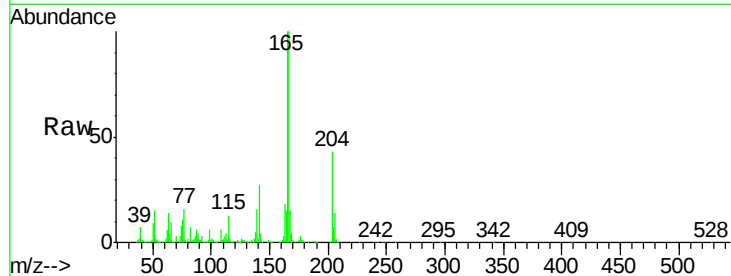
Tgt Ion:166 Resp: 469450

Ion Ratio Lower Upper

166 100

165 100.2 80.6 121.0

167 15.2 10.4 15.6

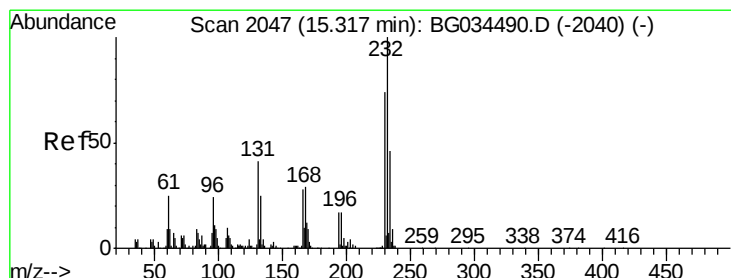
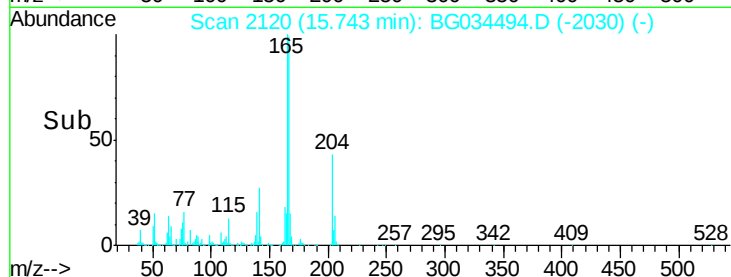
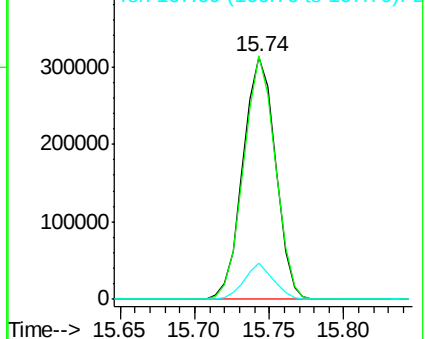


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.305 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Tgt Ion:232 Resp: 163498

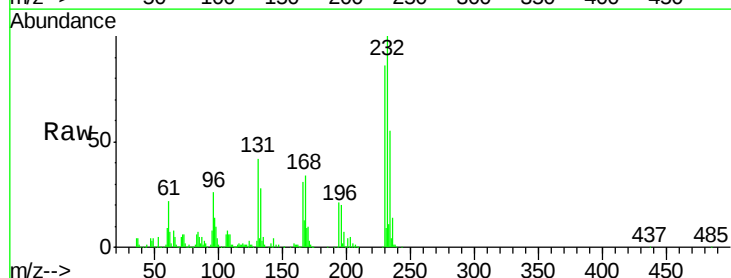
Ion Ratio Lower Upper

232 100

131 40.9 33.5 50.3

130 2.3 2.2 3.2

166 28.6 24.8 37.2



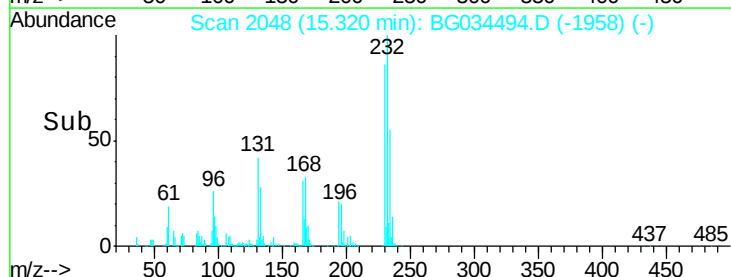
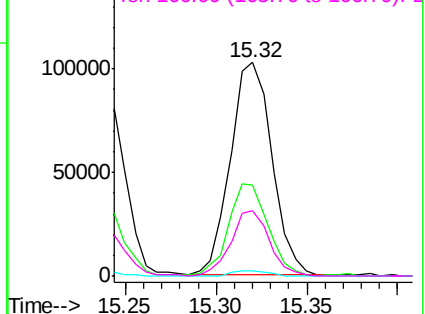
Abundance

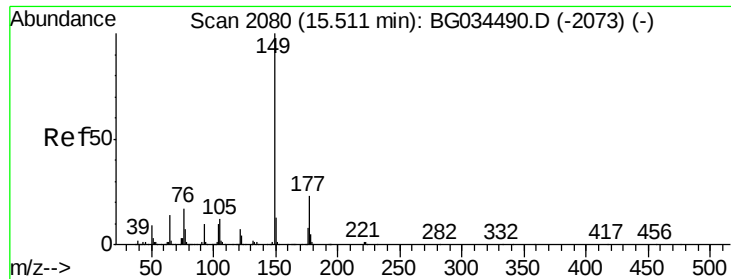
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

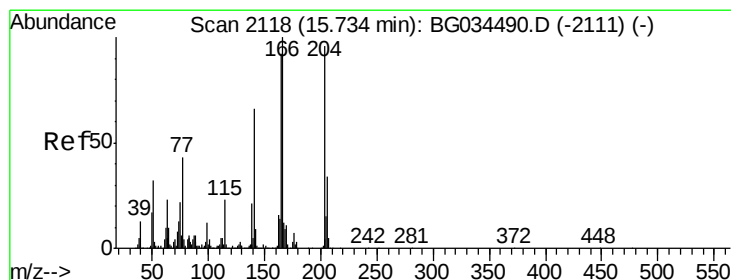
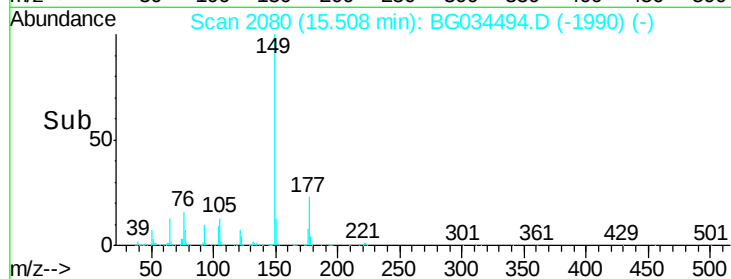
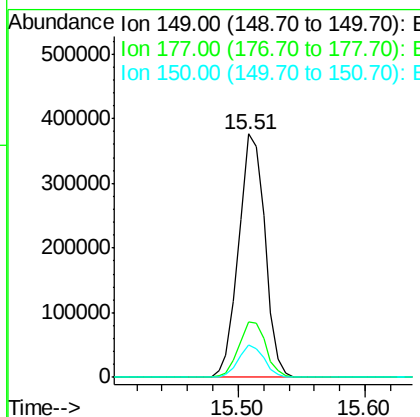
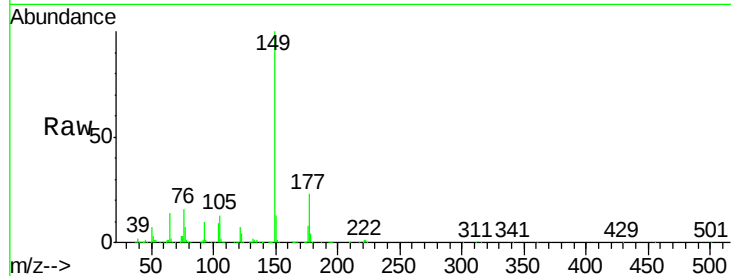




#59
Diethylphthalate
Concen: 39.291 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

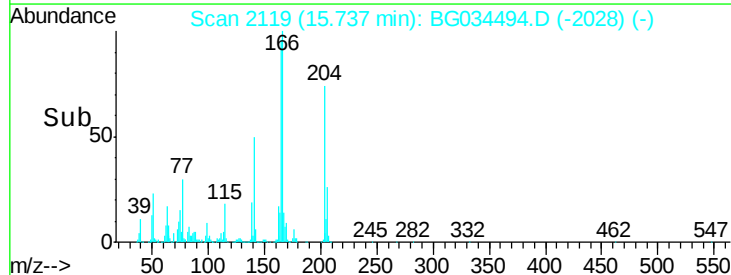
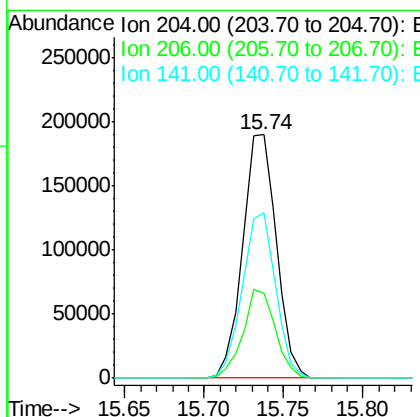
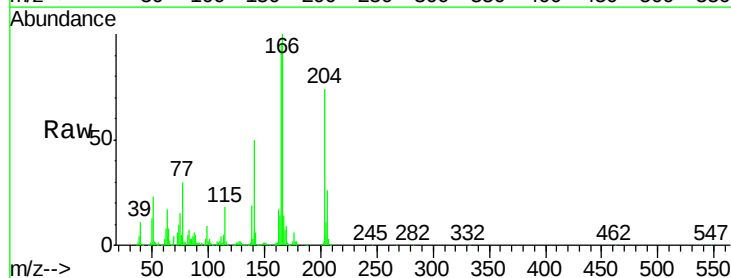
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

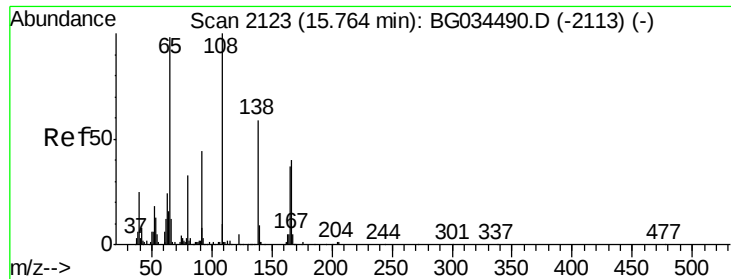
Tgt Ion:149 Resp: 537935
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.395 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion:204 Resp: 280959
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.2
141 68.0 45.8 68.6

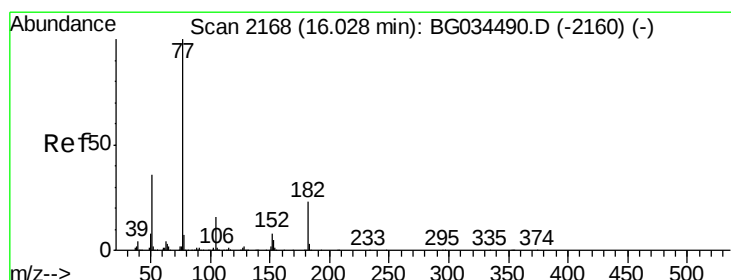
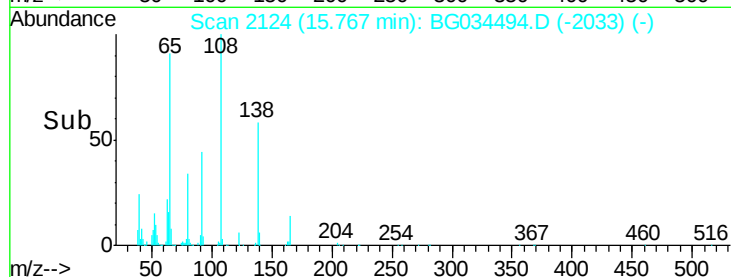
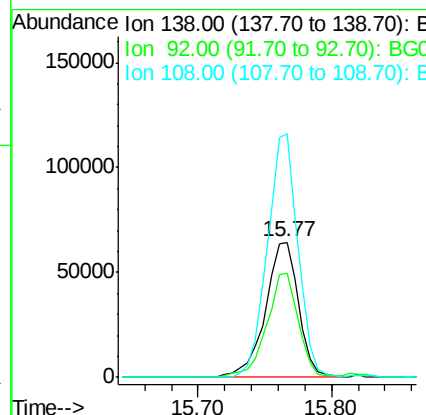
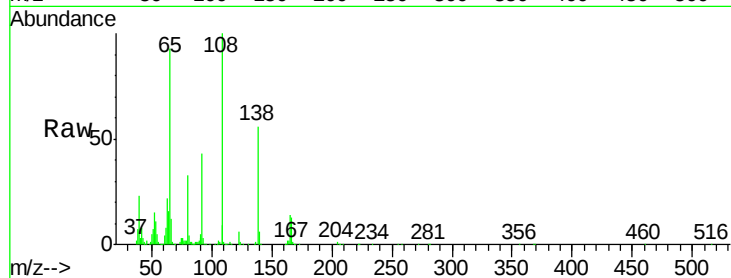




#61
4-Nitroaniline
Concen: 39.211 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

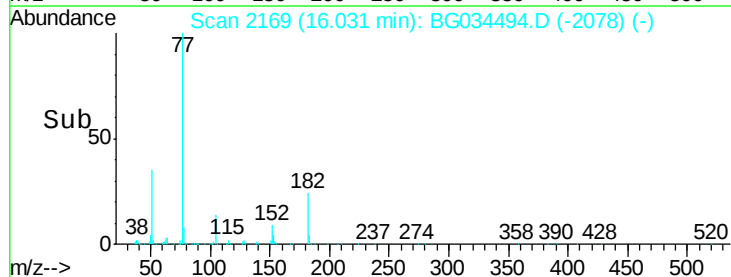
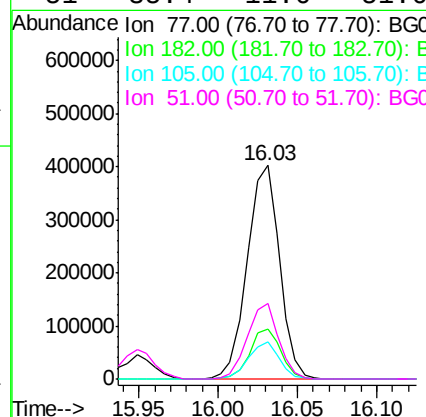
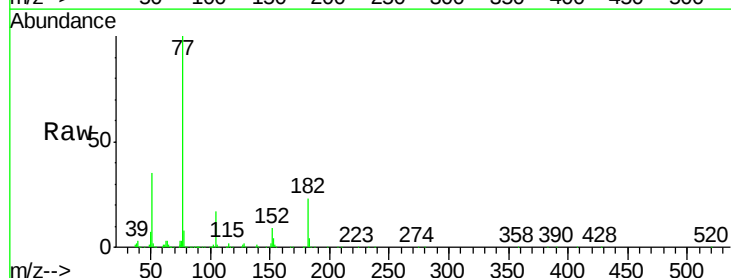
Instrument :
BNA_G
ClientSampled :
ICVBG051618

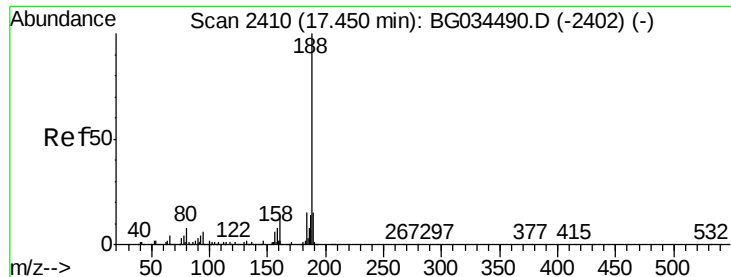
Tgt Ion:138 Resp: 110914
Ion Ratio Lower Upper
138 100
92 76.5 40.1 80.1
108 179.8 65.4 105.4#



#62
Azobenzene
Concen: 39.106 ng
RT: 16.03 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion: 77 Resp: 568369
Ion Ratio Lower Upper
77 100
182 23.2 7.4 47.4
105 17.4 0.3 40.3
51 35.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

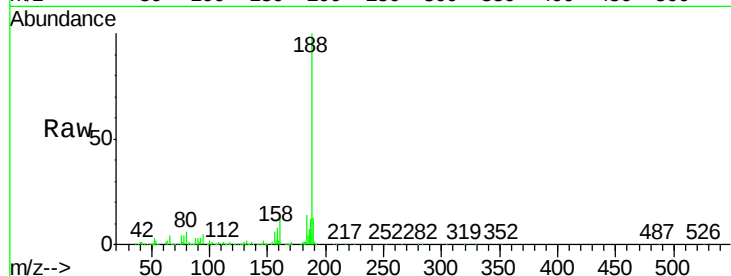
Tgt Ion:188 Resp: 371156

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

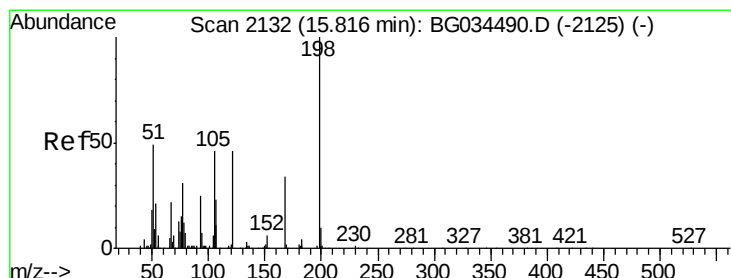
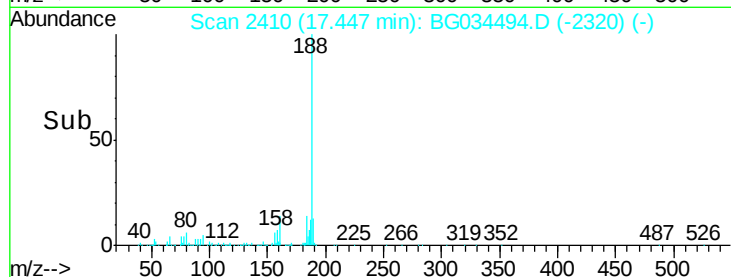
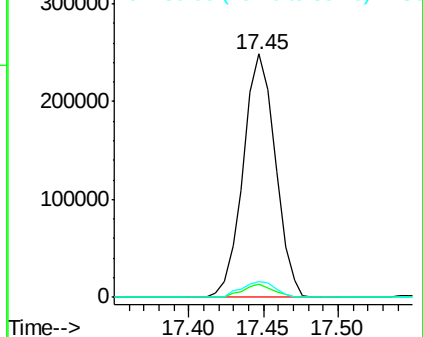
80 6.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 40.073 ng

RT: 15.82 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

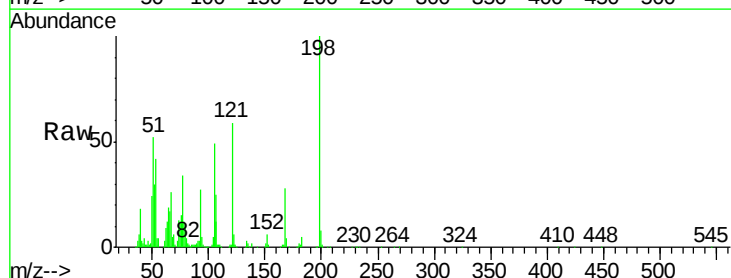
Tgt Ion:198 Resp: 95377

Ion Ratio Lower Upper

198 100

51 52.4 30.6 70.6

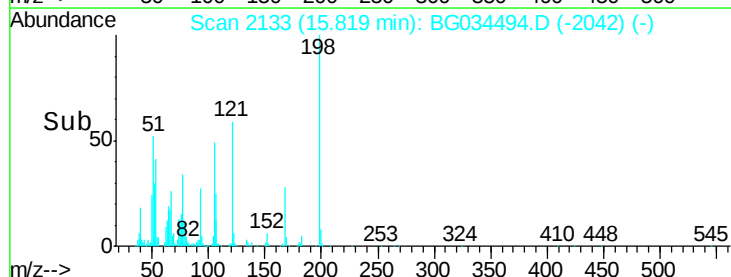
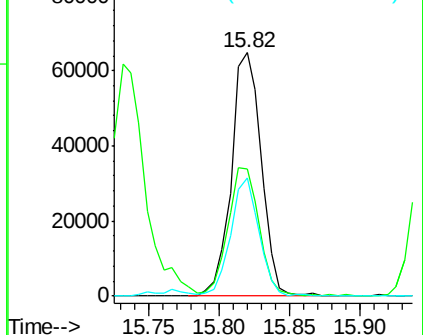
105 48.7 23.8 63.8

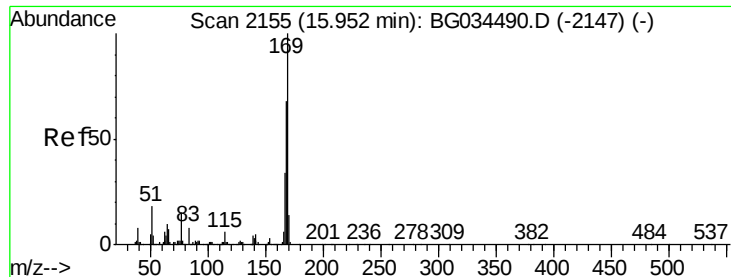


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.556 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

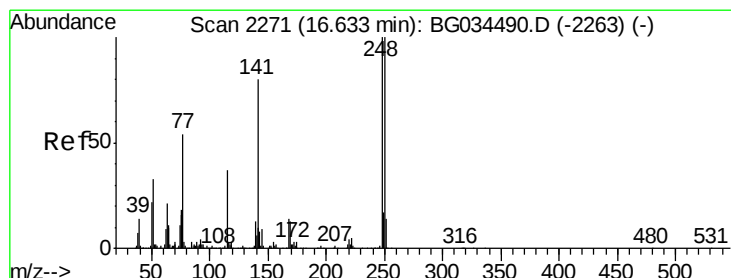
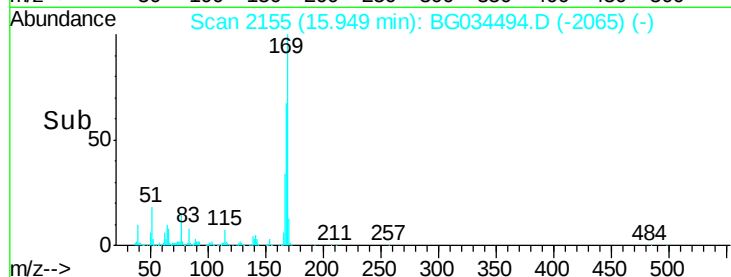
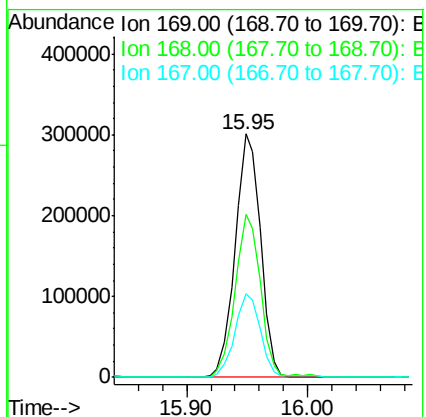
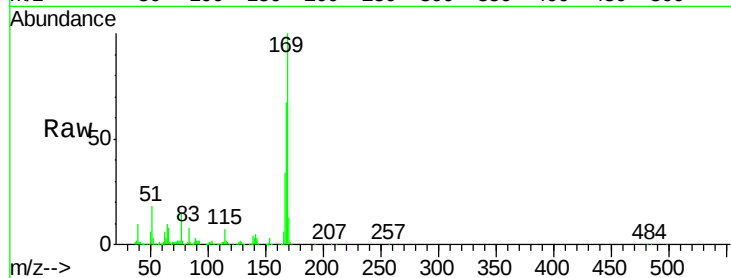
Tgt Ion:169 Resp: 440178

Ion Ratio Lower Upper

169 100

168 66.8 55.7 83.5

167 34.3 30.1 45.1



#66

4-Bromophenyl-phenylether

Concen: 42.388 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

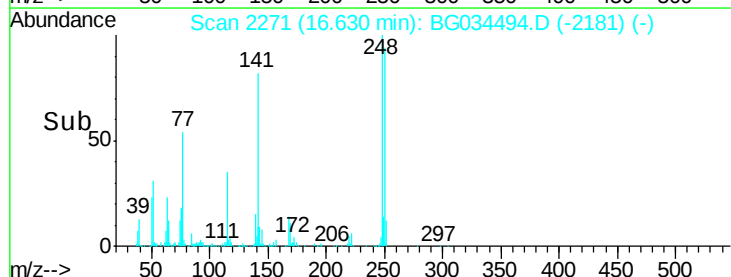
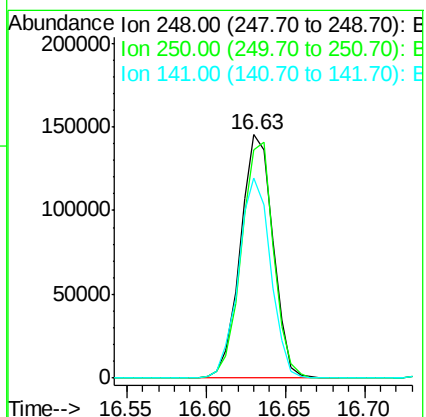
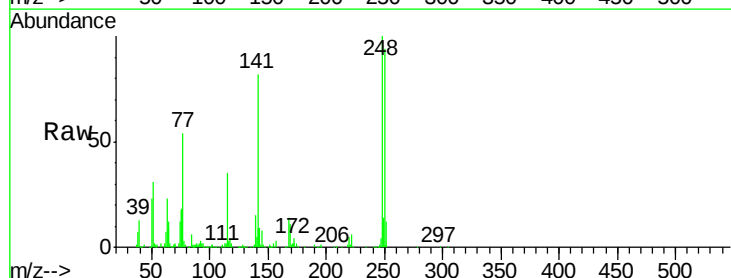
Tgt Ion:248 Resp: 207048

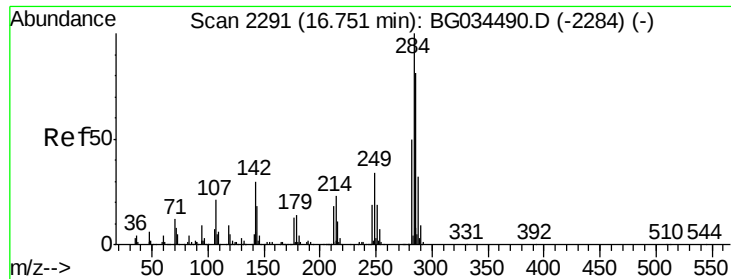
Ion Ratio Lower Upper

248 100

250 93.6 77.1 115.7

141 82.1 50.8 76.2#

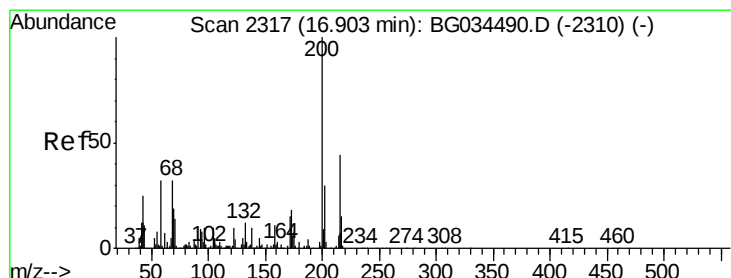
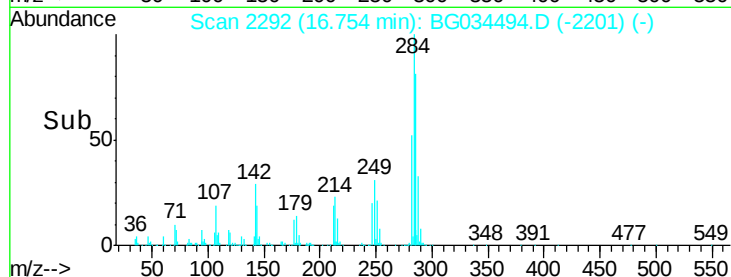
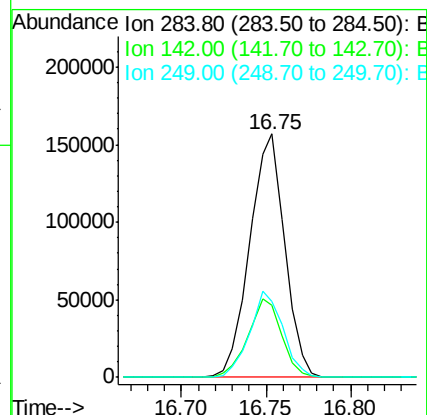
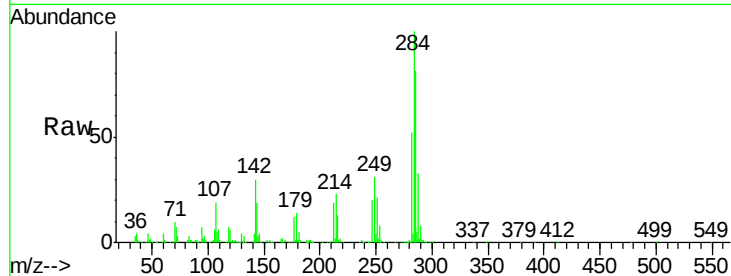




#67
Hexachlorobenzene
Concen: 41.756 ng
RT: 16.75 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

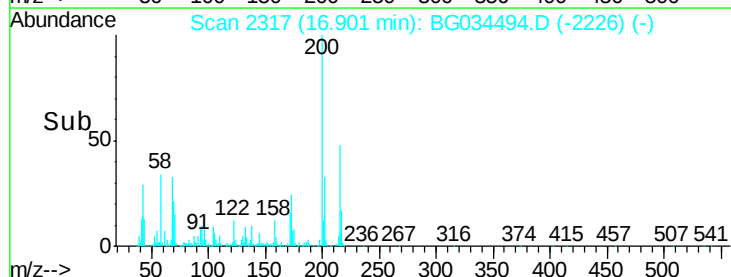
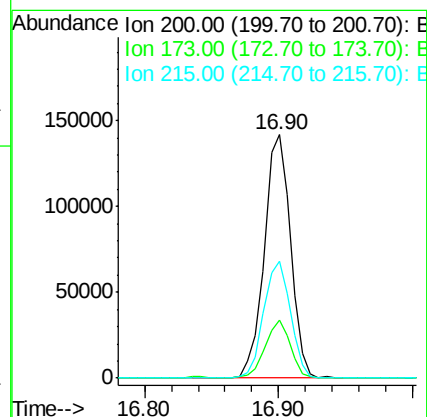
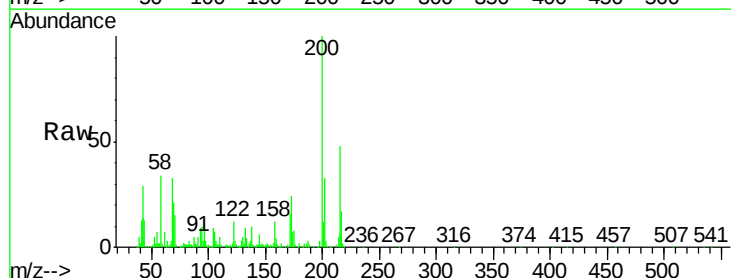
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

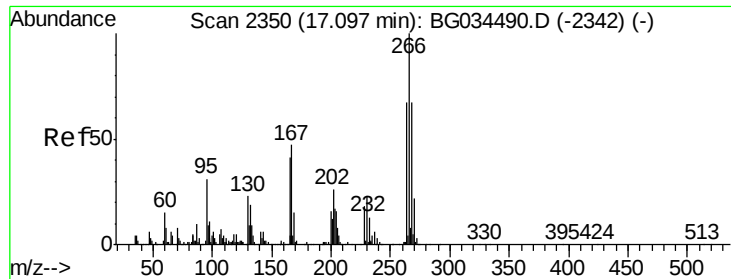
Tgt Ion:284 Resp: 225380
Ion Ratio Lower Upper
284 100
142 29.7 26.8 40.2
249 31.2 26.3 39.5



#68
Atrazine
Concen: 39.993 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Tgt Ion:200 Resp: 192371
Ion Ratio Lower Upper
200 100
173 23.7 5.2 45.2
215 47.8 30.4 70.4





#69

Pentachlorophenol

Concen: 43.128 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

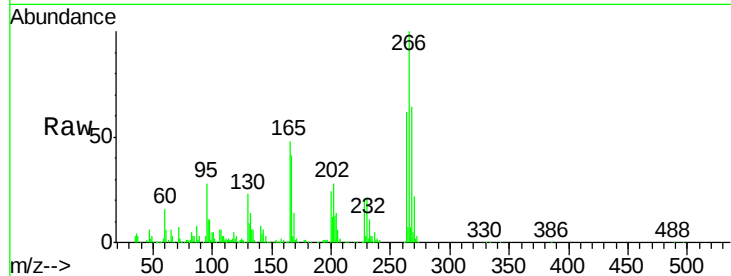
Tgt Ion:266 Resp: 140386

Ion Ratio Lower Upper

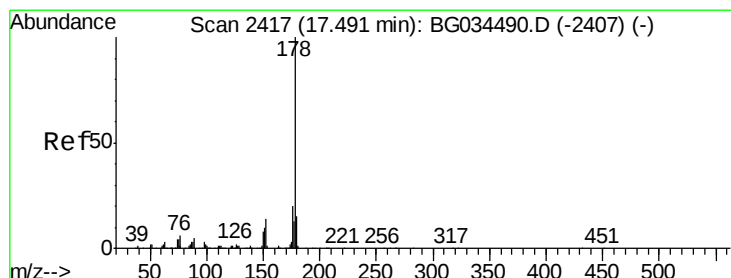
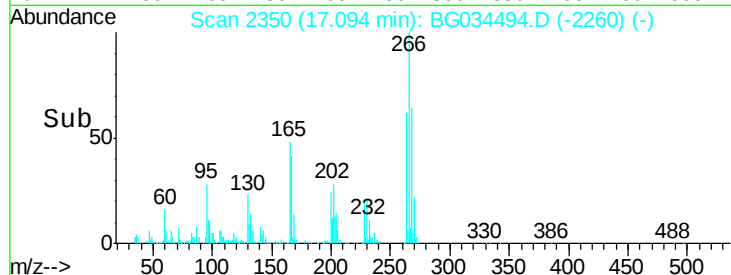
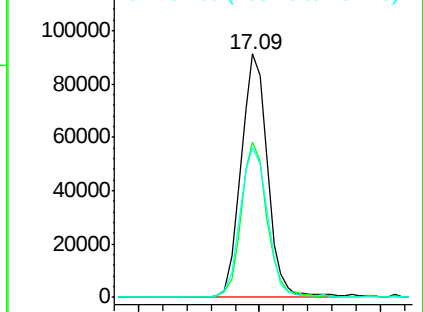
266 100

268 63.6 51.1 76.7

264 61.6 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: 40.491 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

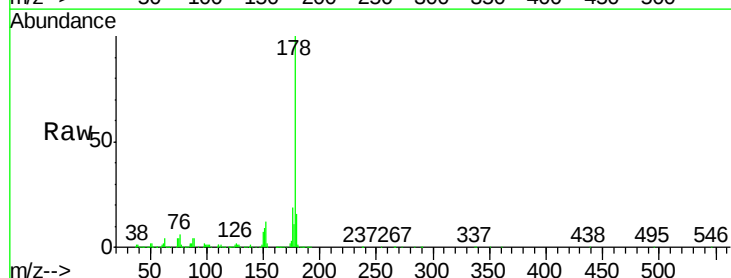
Tgt Ion:178 Resp: 818530

Ion Ratio Lower Upper

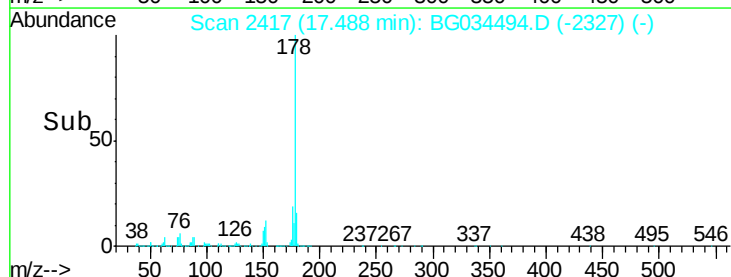
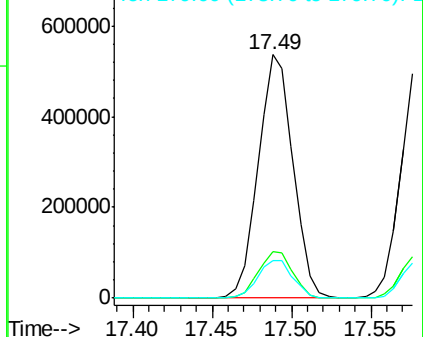
178 100

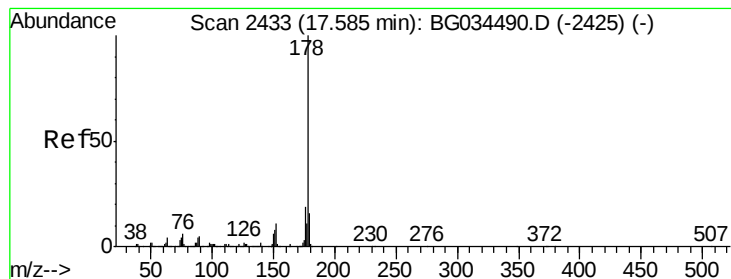
176 19.2 15.7 23.5

179 15.7 12.5 18.7



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





#71

Anthracene

Concen: 40.167 ng

RT: 17.58 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

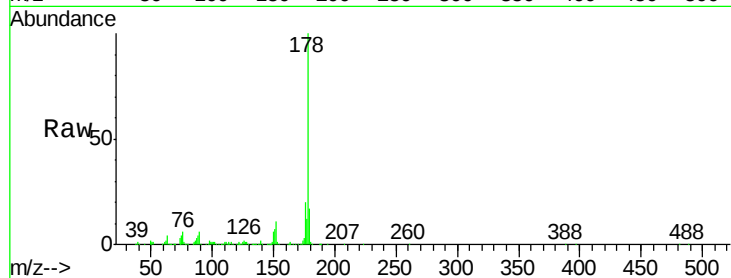
Tgt Ion:178 Resp: 822779

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

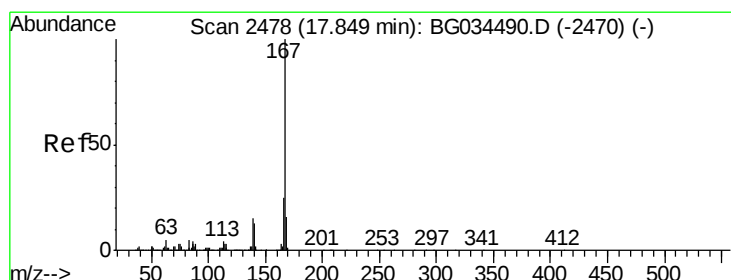
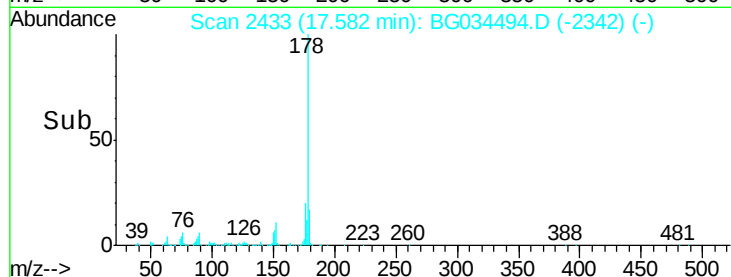
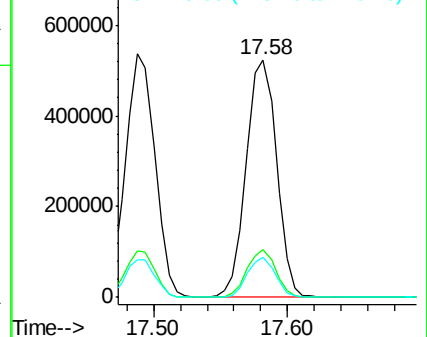
179 17.0 12.5 18.7



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



#72

Carbazole

Concen: 39.776 ng

RT: 17.85 min Scan# 2479

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

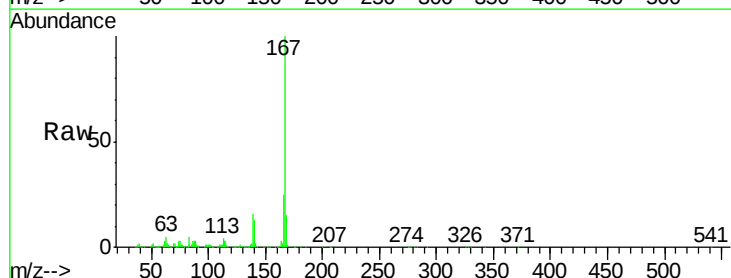
Tgt Ion:167 Resp: 674294

Ion Ratio Lower Upper

167 100

166 25.3 18.2 27.4

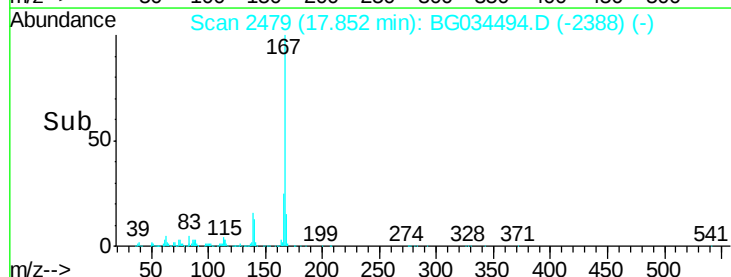
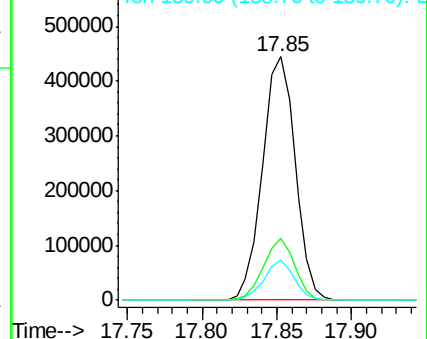
139 16.3 9.4 14.2#

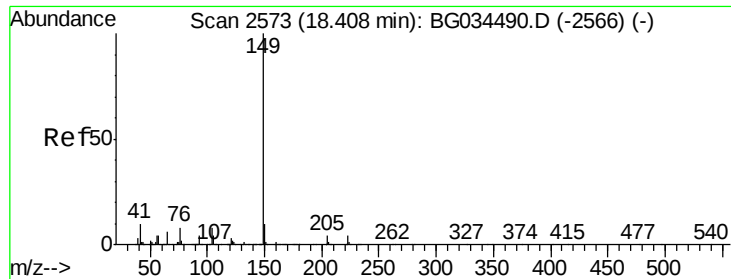


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.044 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

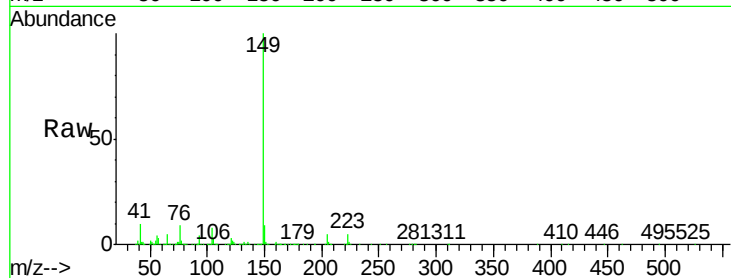
Tgt Ion:149 Resp: 840459

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

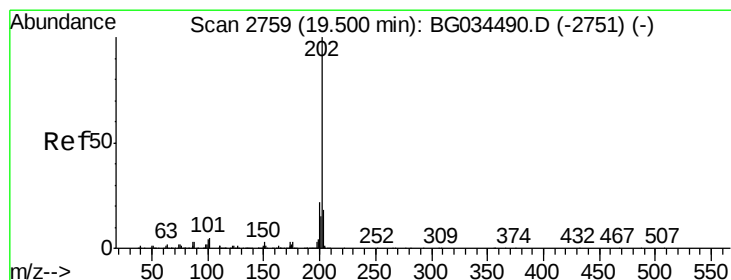
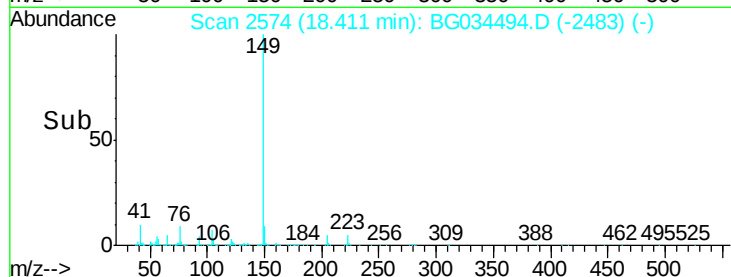
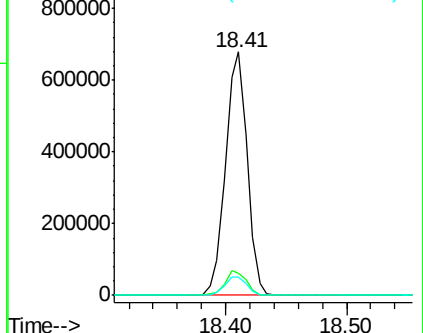
104 7.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.998 ng

RT: 19.50 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

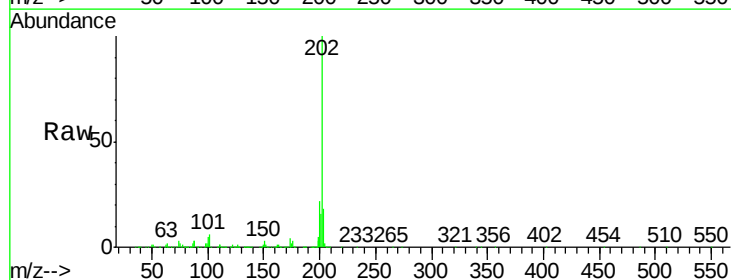
Tgt Ion:202 Resp: 993729

Ion Ratio Lower Upper

202 100

101 6.1 0.0 28.9

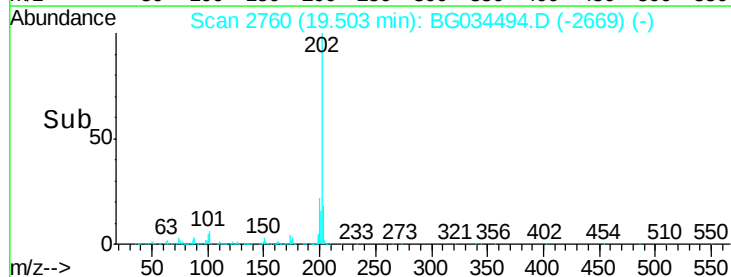
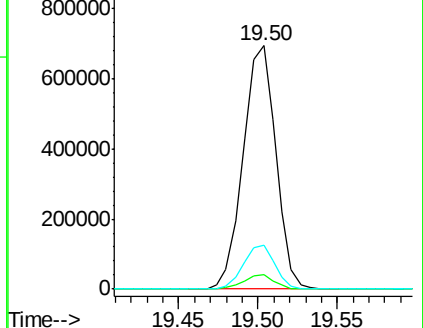
203 18.1 0.0 37.5

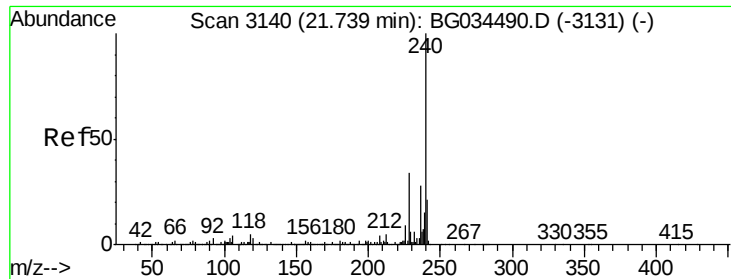


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

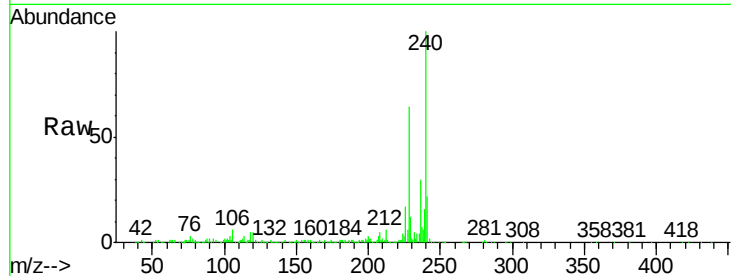
Tgt Ion:240 Resp: 378873

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

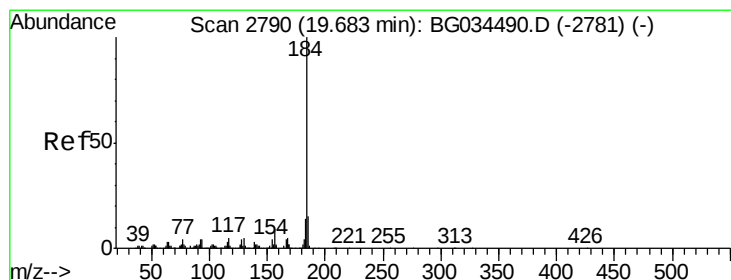
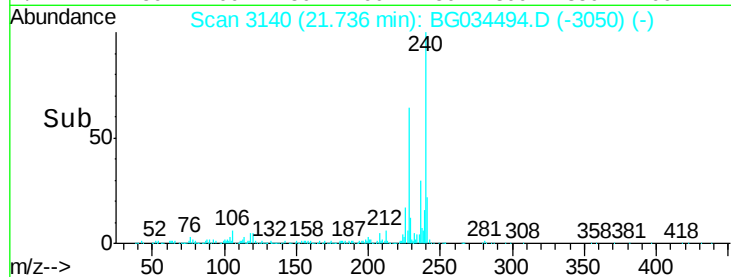
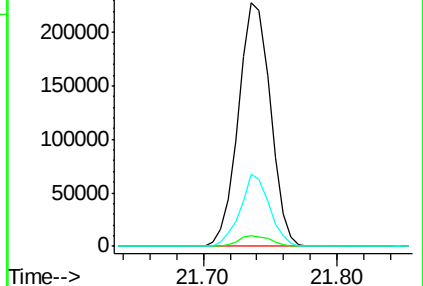
236 29.7 20.9 31.3



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: 42.581 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

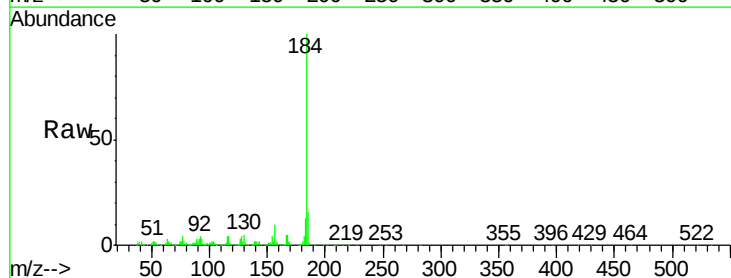
Tgt Ion:184 Resp: 439784

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

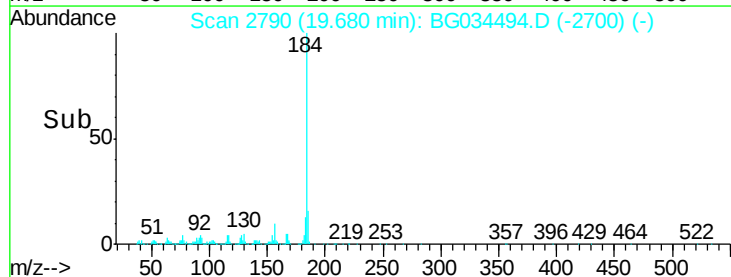
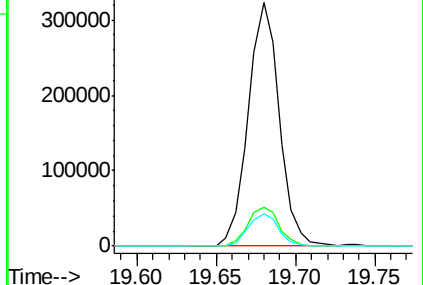
183 13.3 10.6 16.0

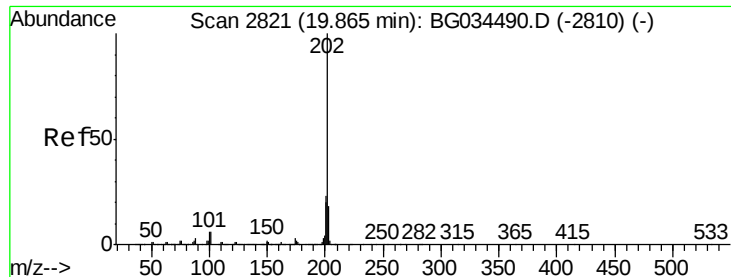


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.742 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

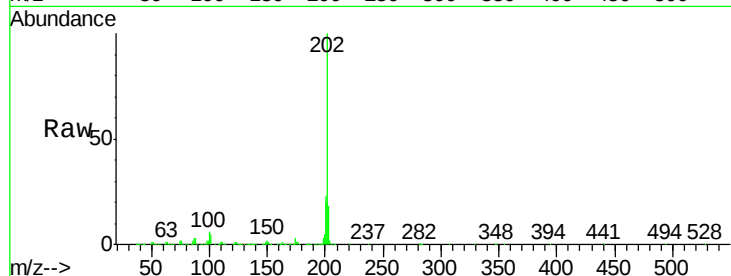
Tgt Ion:202 Resp: 966235

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

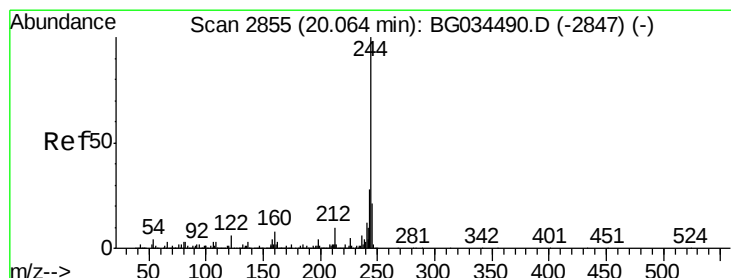
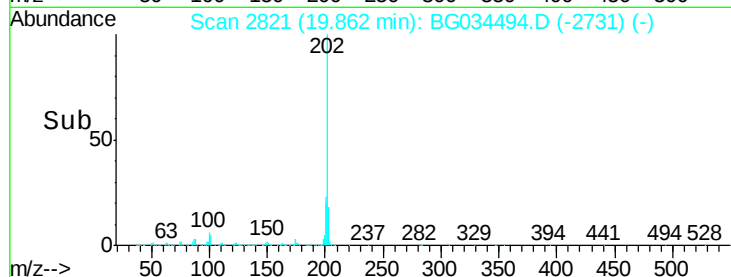
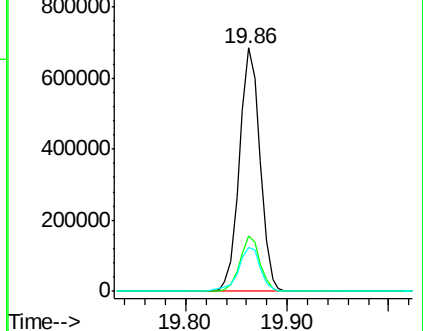
203 17.9 13.9 20.9



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: 82.641 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

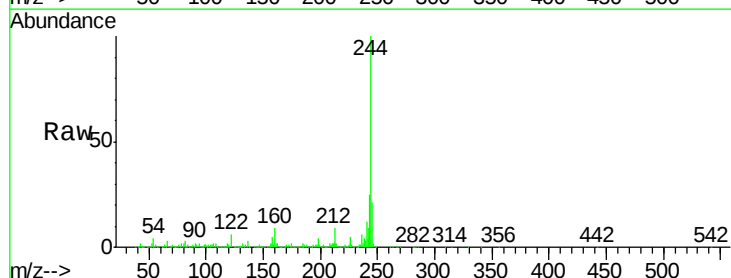
Tgt Ion:244 Resp: 1427766

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

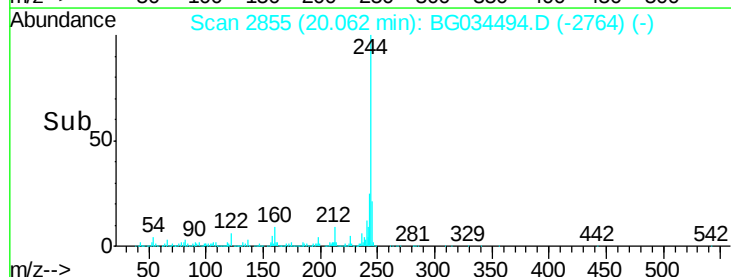
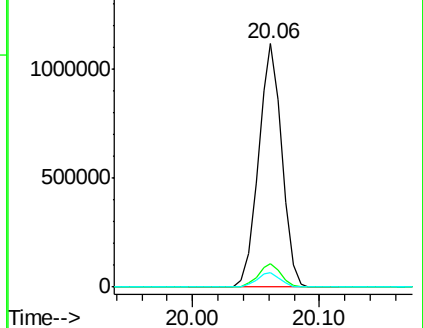
122 6.2 7.0 10.4#

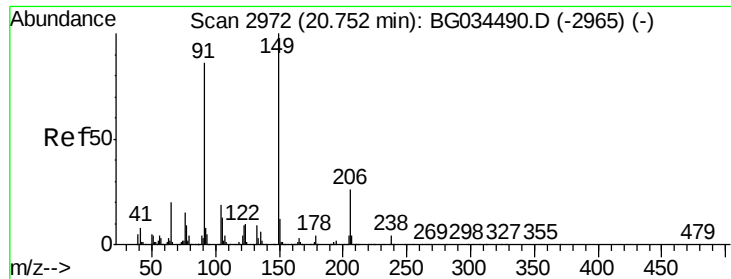


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.230 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

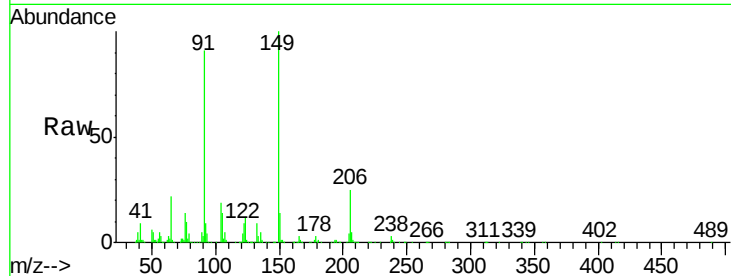
Tgt Ion:149 Resp: 377007

Ion Ratio Lower Upper

149 100

91 91.3 62.2 93.2

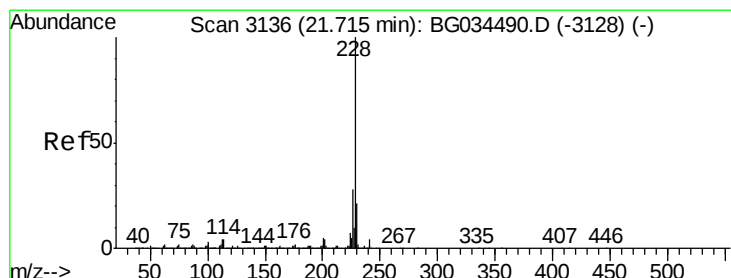
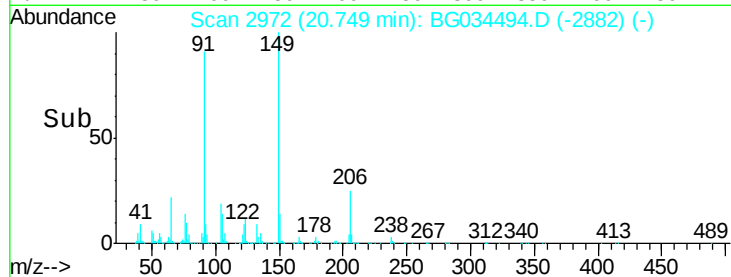
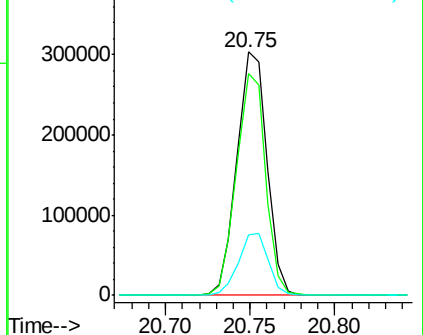
206 24.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.305 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

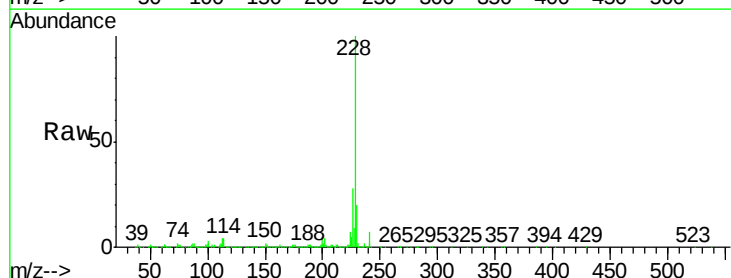
Tgt Ion:228 Resp: 992251

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

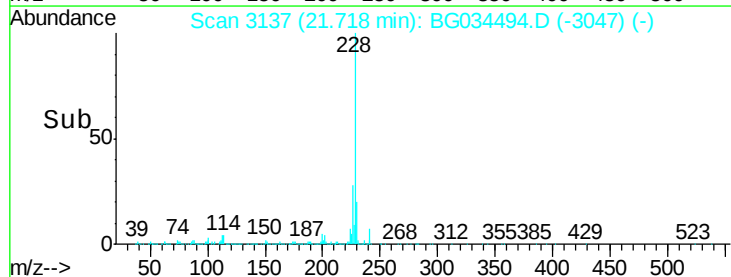
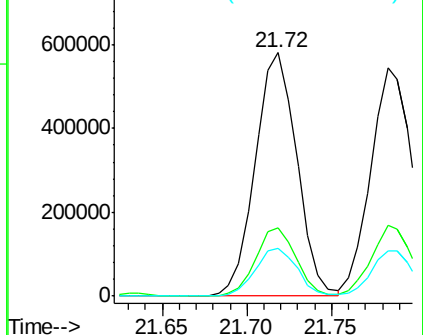
229 19.7 16.2 24.2

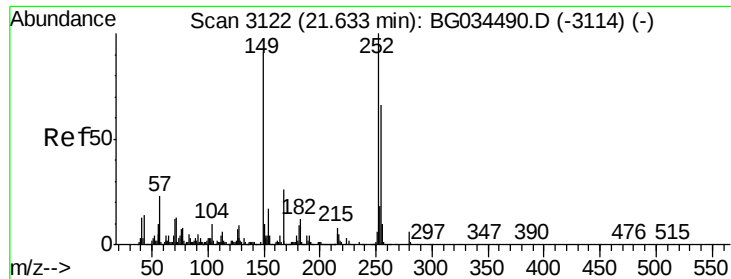


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

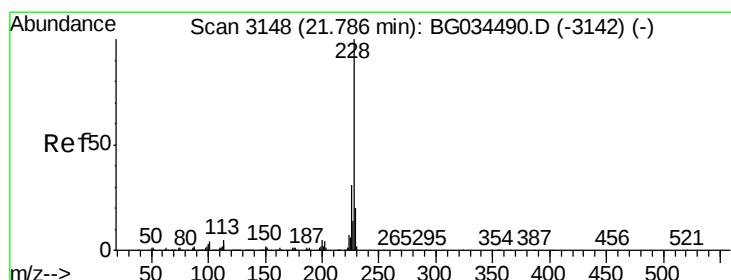
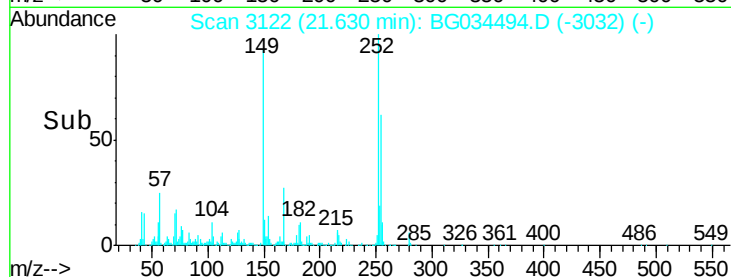
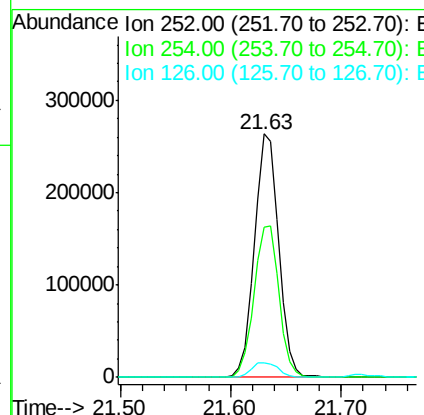
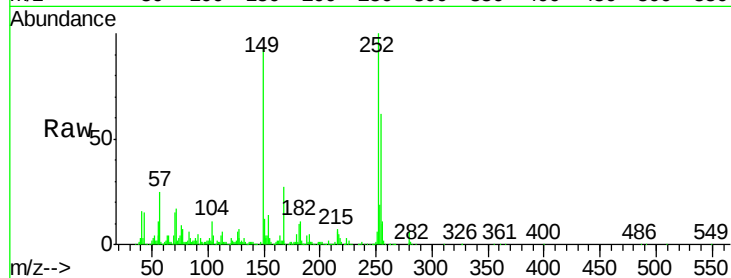




#81
 3,3'-Dichlorobenzidine
 Concen: 42.514 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

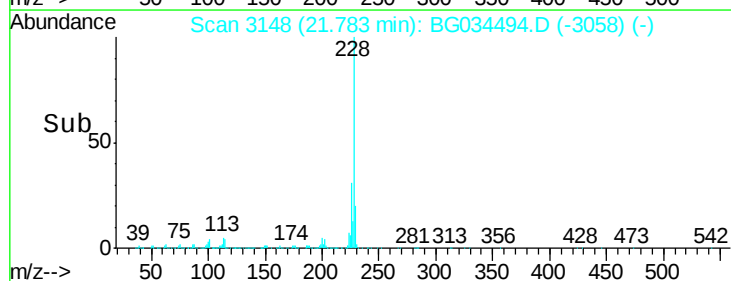
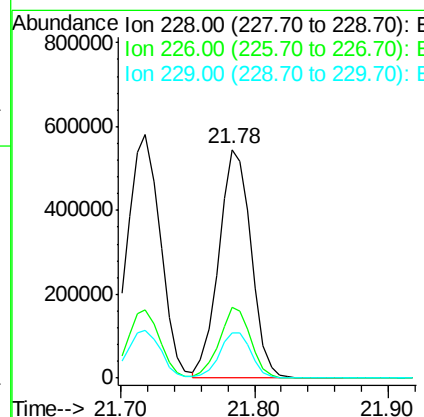
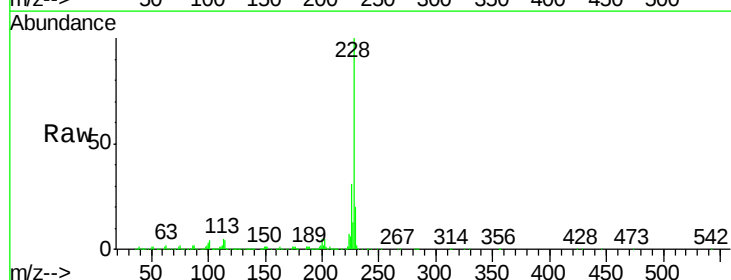
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

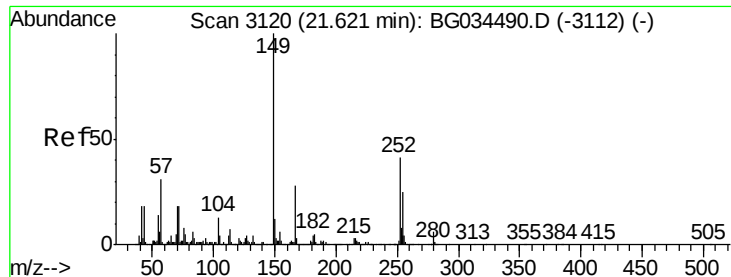
Tgt Ion:252 Resp: 407089
 Ion Ratio Lower Upper
 252 100
 254 61.6 50.8 76.2
 126 5.7 7.4 11.2#



#82
 Chrysene
 Concen: 41.092 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion:228 Resp: 927812
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.681 ng

RT: 21.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

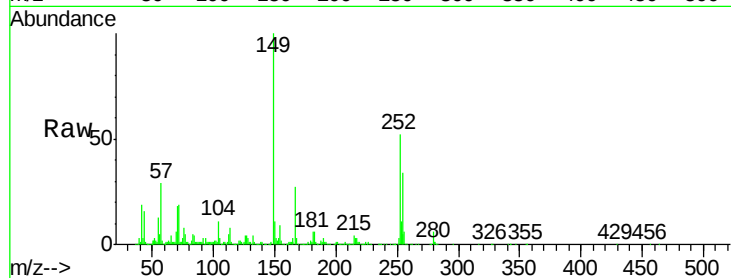
Tgt Ion:149 Resp: 505209

Ion Ratio Lower Upper

149 100

167 27.1 24.3 36.5

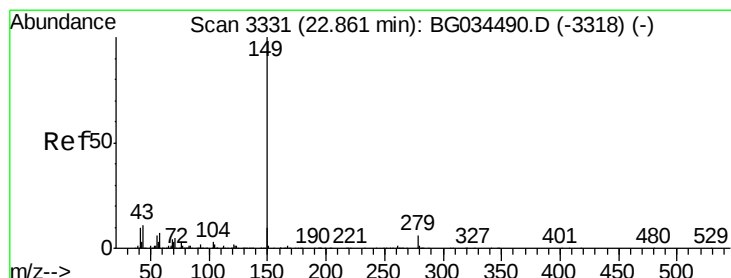
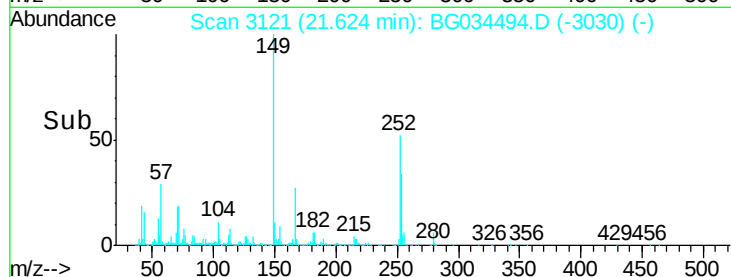
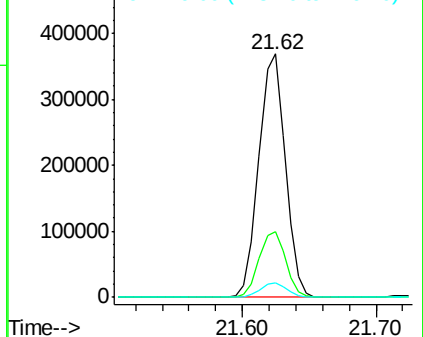
279 5.9 4.0 6.0



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: 41.106 ng

RT: 22.86 min Scan# 3331

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

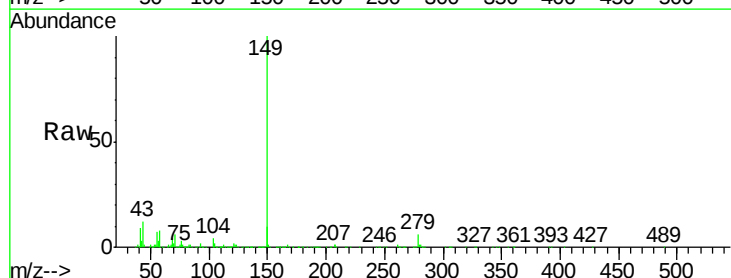
Tgt Ion:149 Resp: 854510

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

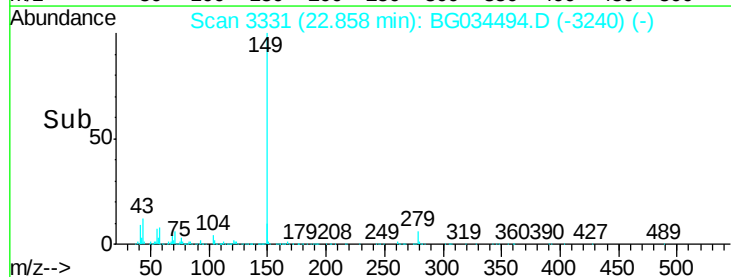
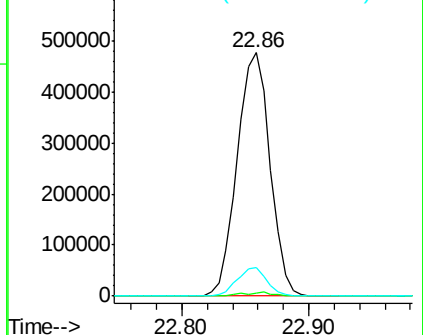
43 10.8 8.9 13.3

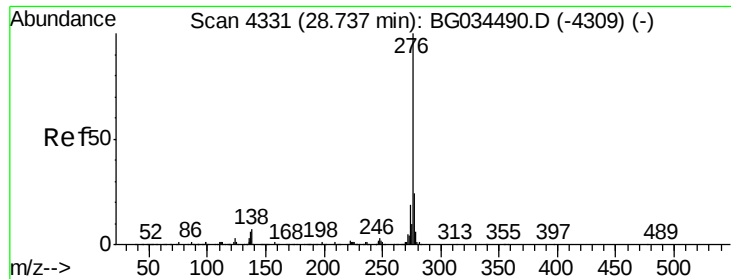


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.937 ng

RT: 28.74 min Scan# 4332

Delta R.T. 0.01 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

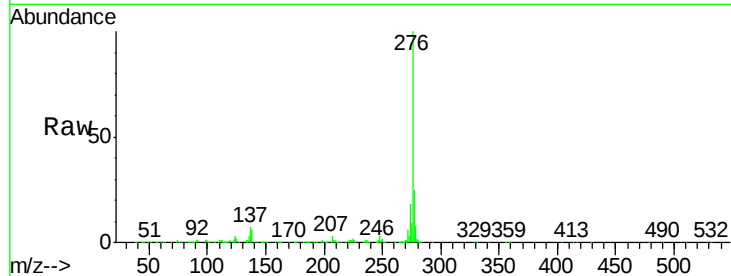
Tgt Ion:276 Resp: 1182651

Ion Ratio Lower Upper

276 100

138 3.6 16.0 24.0#

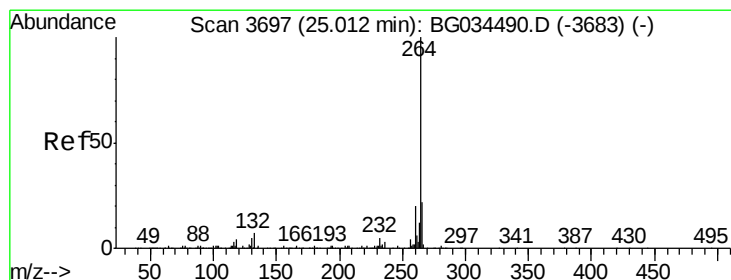
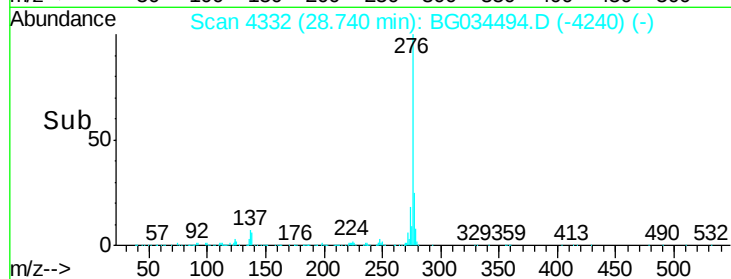
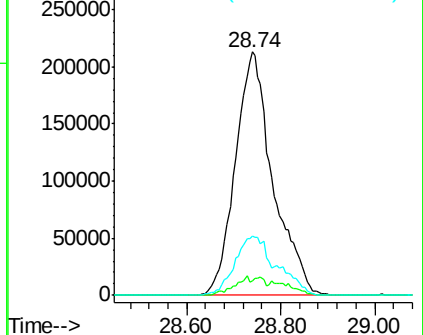
277 21.1 20.0 30.0



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: 25.01 min Scan# 3697

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

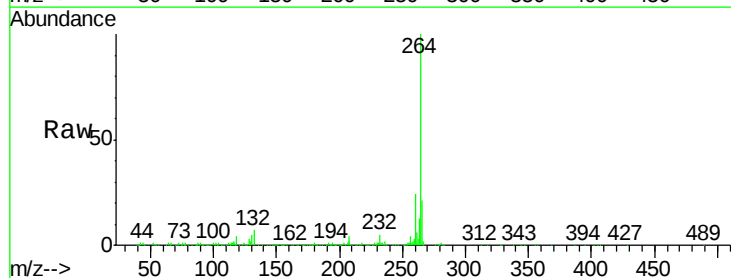
Tgt Ion:264 Resp: 406771

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

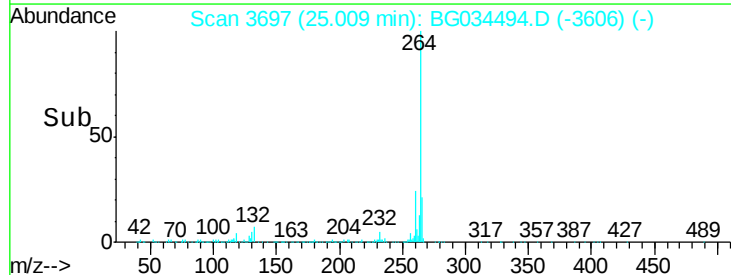
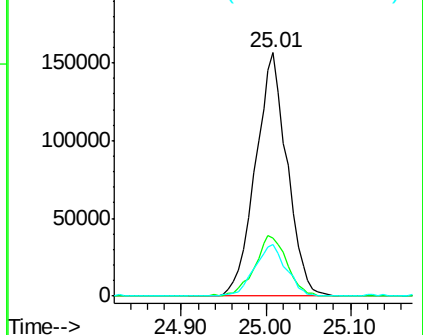
265 21.0 17.7 26.5

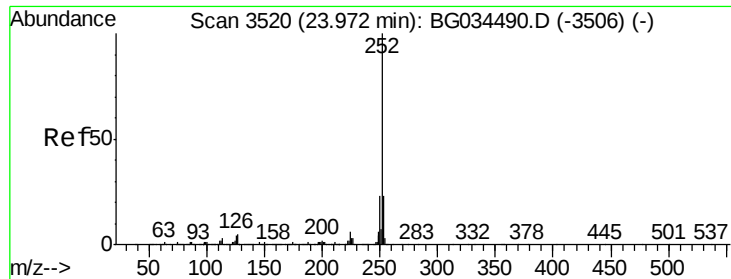


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.353 ng

RT: 23.97 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

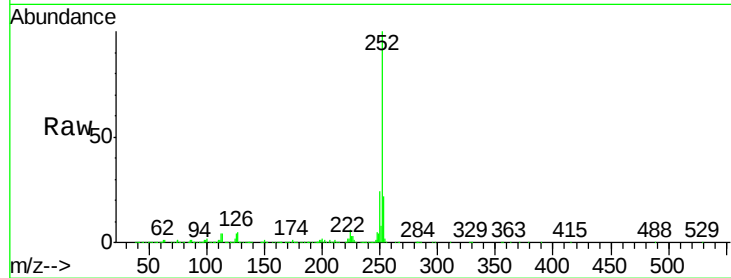
Tgt Ion:252 Resp: 1038670

Ion Ratio Lower Upper

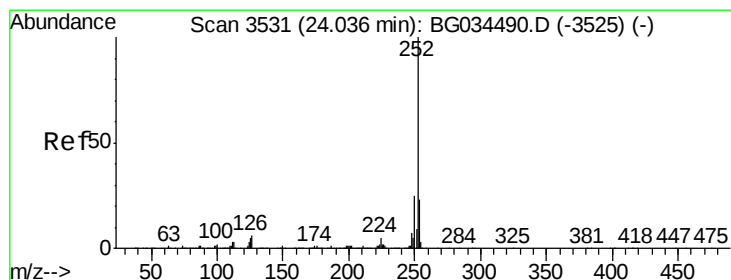
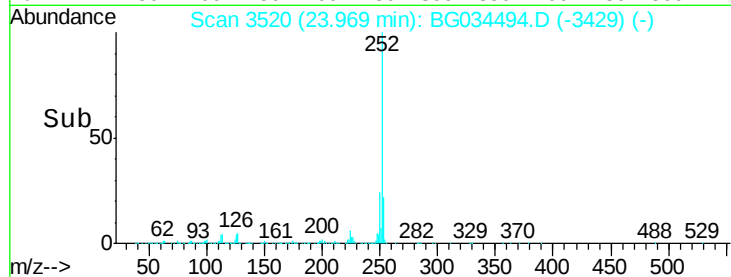
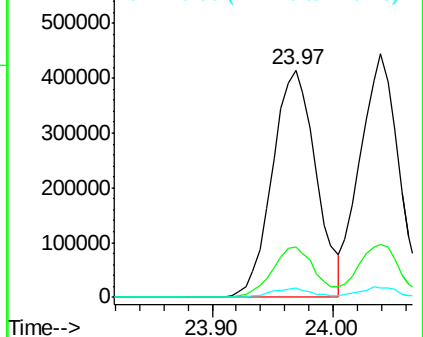
252 100

253 22.2 18.2 27.4

125 3.9 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 40.045 ng

RT: 24.04 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

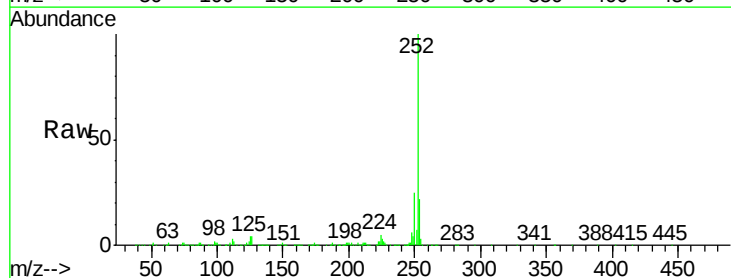
Tgt Ion:252 Resp: 979142

Ion Ratio Lower Upper

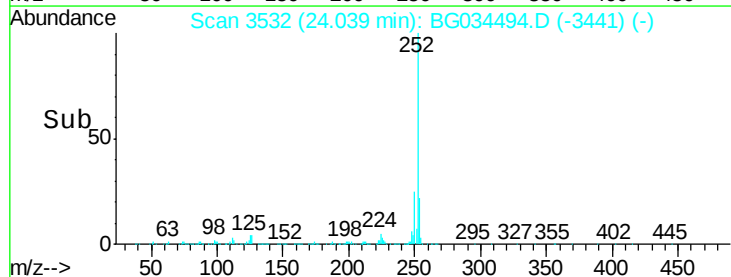
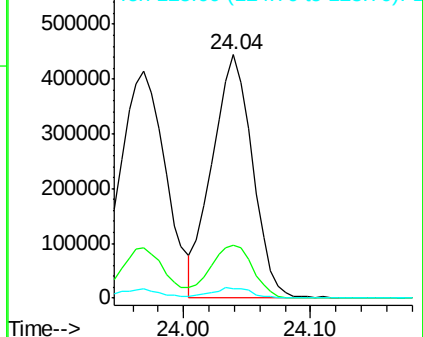
252 100

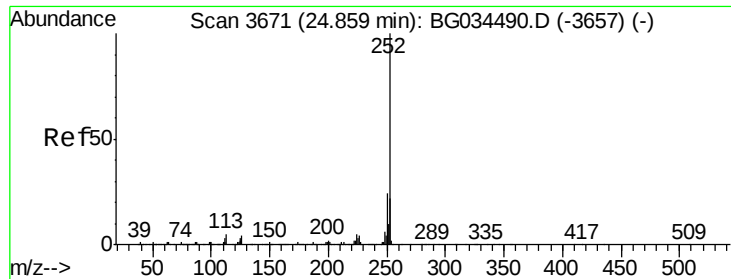
253 21.9 17.4 26.2

125 3.7 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 40.969 ng

RT: 24.86 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

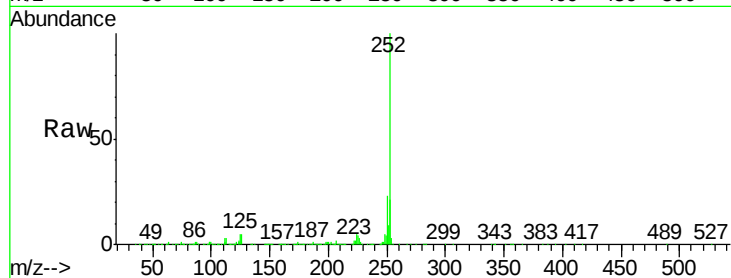
Tgt Ion:252 Resp: 1000895

Ion Ratio Lower Upper

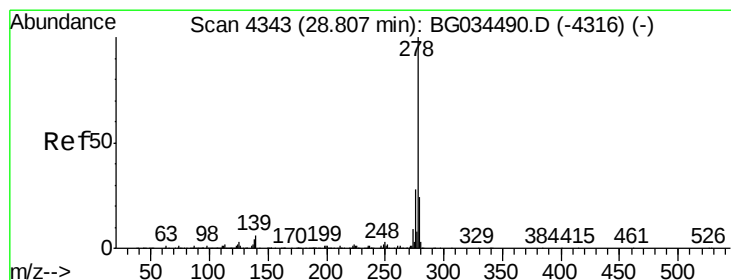
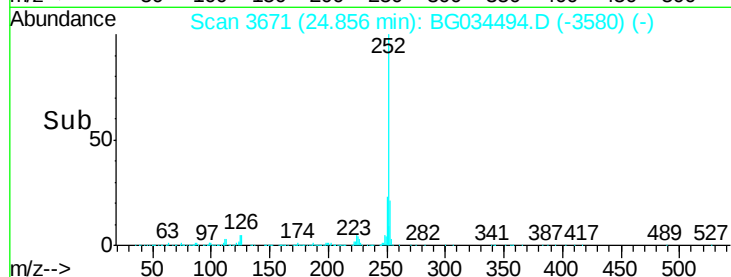
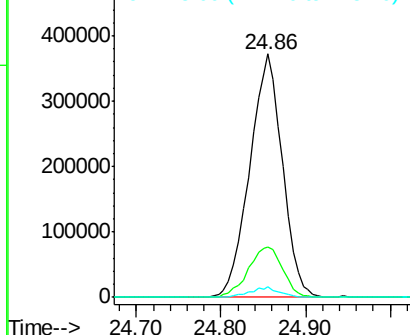
252 100

253 20.7 18.3 27.5

125 4.6 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: 40.404 ng

RT: 28.80 min Scan# 4343

Delta R.T. 0.01 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

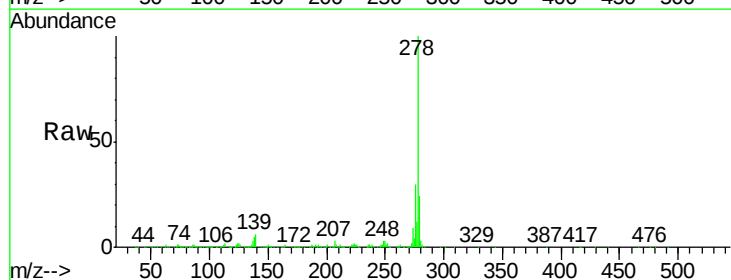
Tgt Ion:278 Resp: 978881

Ion Ratio Lower Upper

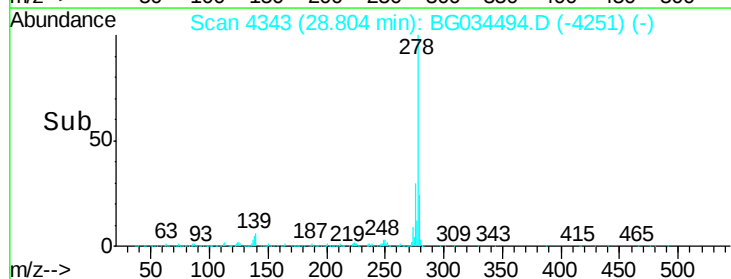
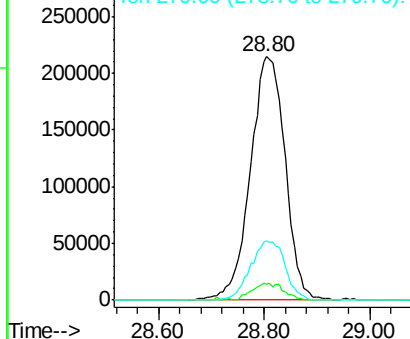
278 100

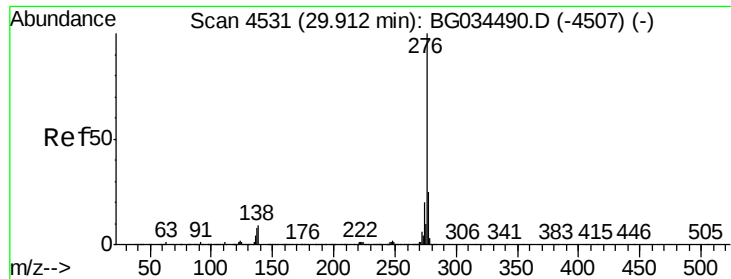
139 6.3 9.8 14.6#

279 24.1 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(g,h,i)perylene

Concen: 40.581 ng

RT: 29.90 min Scan# 4530

Delta R.T. 0.01 min

Lab File: BG034494.D

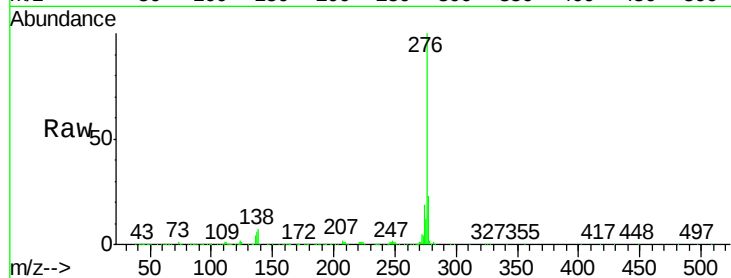
Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618



Tgt Ion:	276	Resp:	988315
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	7.0	13.9	20.9

