

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 19:34:25 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	35.180	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

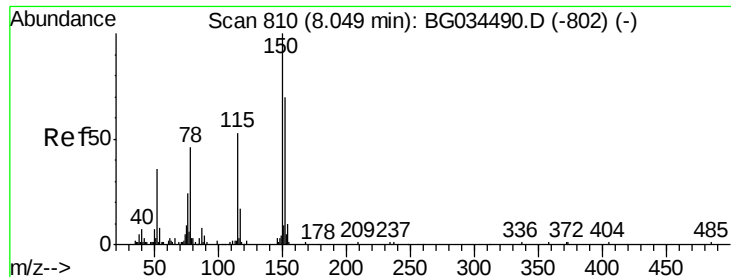
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	143341	40.197	nq	93
43) 2,4,5-Trichlorophenol	13.20	196	158914	40.615	nq #	94
45) 1,1'-Biphenyl	13.53	154	473319	39.403	nq	96
46) 2-Chloronaphthalene	13.57	162	368477	38.970	nq	94
47) 2-Nitroaniline	13.77	65	158448	41.018	nq	90
48) Acenaphthylene	14.42	152	548044	37.874	nq	98
49) Dimethylphthalate	14.14	163	514671	39.095	nq	99
50) 2,6-Dinitrotoluene	14.26	165	112494	41.670	nq #	74
51) Acenaphthene	14.76	154	357362	38.095	nq	93
52) 3-Nitroaniline	14.60	138	96428	38.646	nq #	73
53) 2,4-Dinitrophenol	14.80	184	73501	41.383	nq #	73
54) Dibenzofuran	15.09	168	597458	38.827	nq #	84
55) 4-Nitrophenol	14.91	139	85328	38.915	nq #	42
56) 2,4-Dinitrotoluene	15.06	165	160469	40.043	nq #	94
57) Fluorene	15.74	166	469450	39.089	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	163498	38.305	nq	97
59) Diethylphthalate	15.51	149	537935	39.291	nq	99
60) 4-Chlorophenyl-phenylether	15.74	204	280959	39.395	nq	89
61) 4-Nitroaniline	15.77	138	110914	39.211	nq #	31
62) Azobenzene	16.03	77	568369	39.106	nq	93
64) 4,6-Dinitro-2-methylphenol	15.82	198	95377	40.073	nq	95
65) n-Nitrosodiphenylamine	15.95	169	440178	40.556	nq	96
66) 4-Bromophenyl-phenylether	16.63	248	207048	42.388	nq #	89
67) Hexachlorobenzene	16.75	284	225380	41.756	nq	95
68) Atrazine	16.90	200	192371	39.993	nq	97
69) Pentachlorophenol	17.09	266	140386	43.128	nq	100
70) Phenanthrene	17.49	178	818530	40.491	nq	99
71) Anthracene	17.58	178	822779	40.167	nq	98
72) Carbazole	17.85	167	674294	39.776	nq #	93
73) Di-n-butylphthalate	18.41	149	840459	40.044	nq #	96
74) Fluoranthene	19.50	202	993729	39.998	nq	96
76) Benzidine	19.68	184	439784	42.581	nq	97
77) Pyrene	19.86	202	966235	40.742	nq	97
79) Butylbenzylphthalate	20.75	149	377007	41.230	nq	87
80) Benzo(a)anthracene	21.72	228	992251	40.305	nq	99
81) 3,3'-Dichlorobenzidine	21.63	252	407089	42.514	nq #	97
82) Chrysene	21.78	228	927812	41.092	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	505209	40.681	nq	94
84) Di-n-octyl phthalate	22.86	149	854510	41.106	nq	99
85) Indeno(1,2,3-cd)pyrene	28.74	276	1182651	40.937	nq #	80
87) Benzo(b)fluoranthene	23.97	252	1038670	40.353	nq #	95
88) Benzo(k)fluoranthene	24.04	252	979142	40.045	nq #	96
89) Benzo(a)pyrene	24.86	252	1000895	40.969	nq #	93
90) Dibenzo(a,h)anthracene	28.80	278	978881	40.404	nq #	93
91) Benzo(g,h,i)perylene	29.90	276	988315	40.581	nq #	89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

Instrument :

BNA_G

ClientSampleId :

ICVBG051618

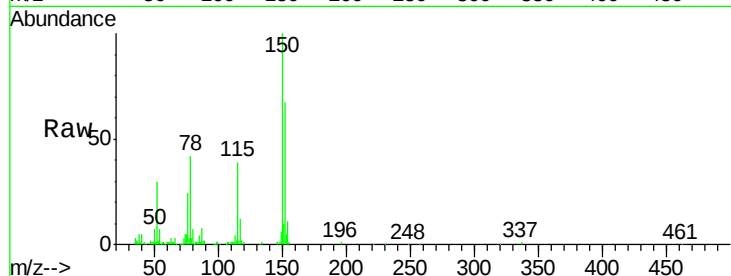
Tot Ion:152 Resp: 44753

Ion Ratio Lower Upper

152 100

150 150.1 126.6 189.8

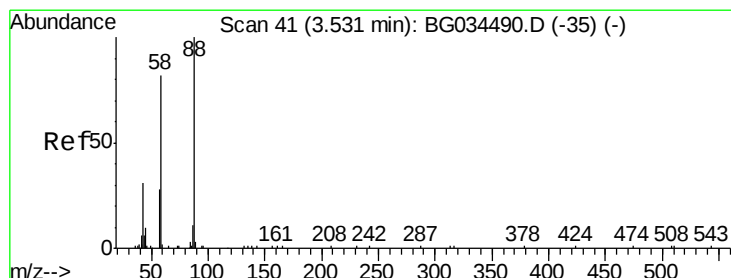
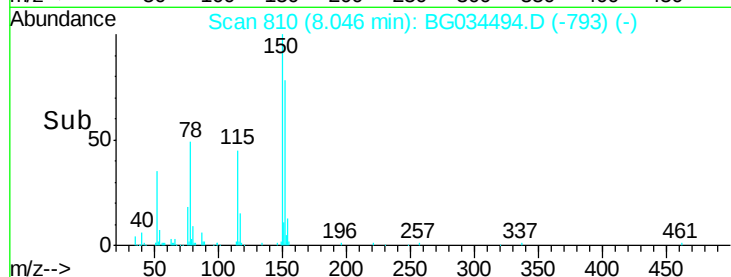
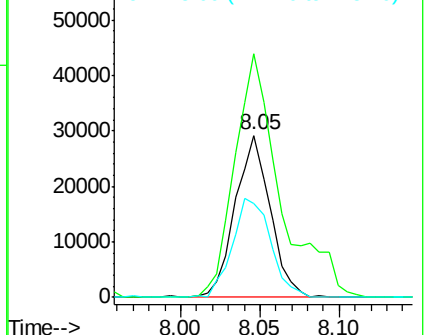
115 58.2 53.0 79.4



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



#2

1,4-Dioxane

Concen: 35.180 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BG034494.D

Acq: 16 May 2018 18:44

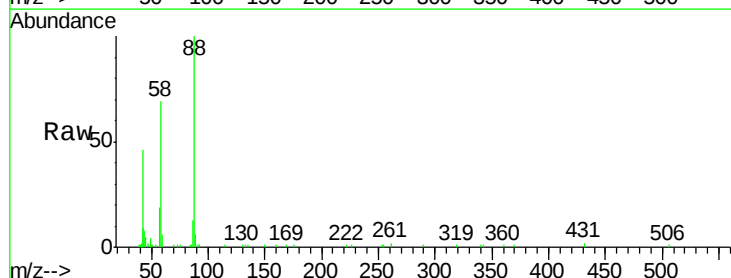
Tgt Ion: 88 Resp: 41986

Ion Ratio Lower Upper

88 100

58 70.2 79.6 119.4#

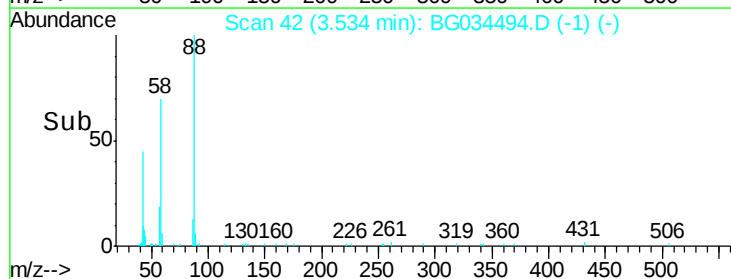
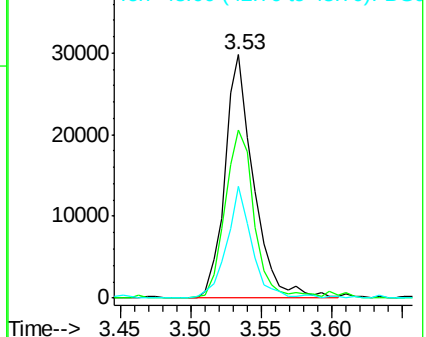
43 39.7 27.4 41.0

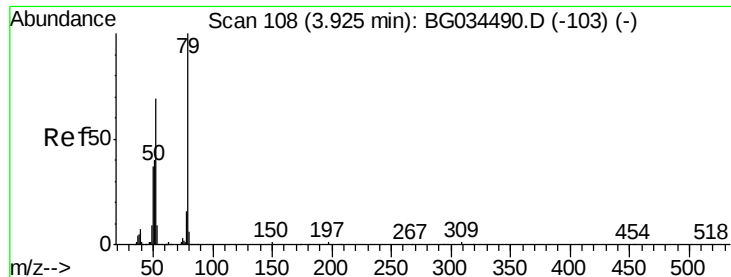


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

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

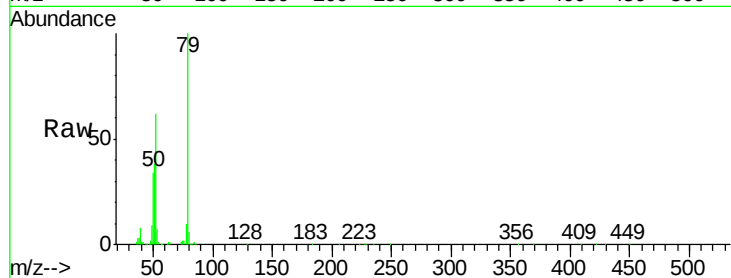
Tot Ion: 79 Resp: 148254

Ion Ratio Lower Upper

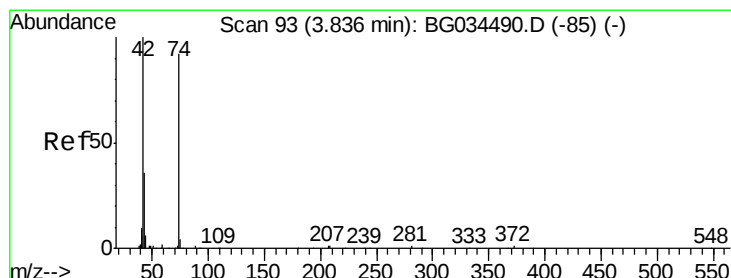
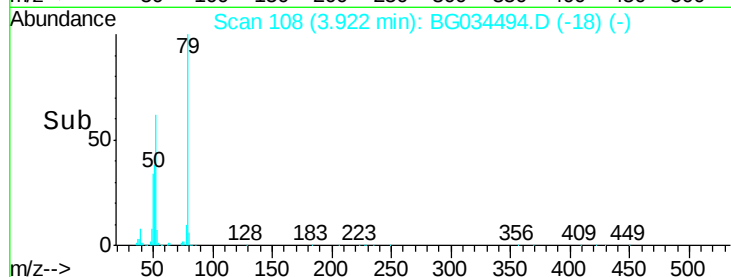
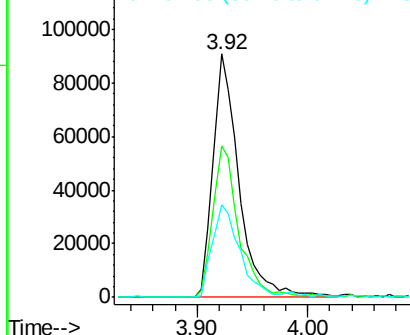
79 100

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

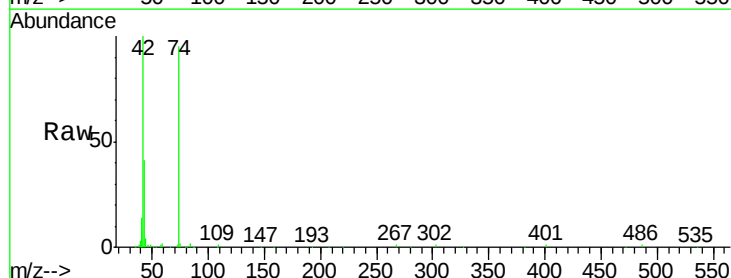
Tgt Ion: 42 Resp: 93676

Ion Ratio Lower Upper

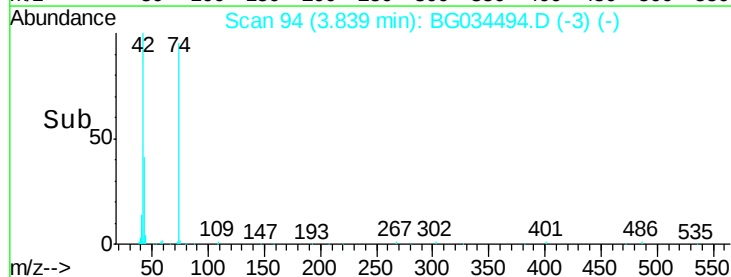
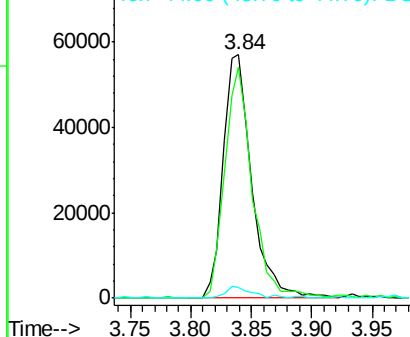
42 100

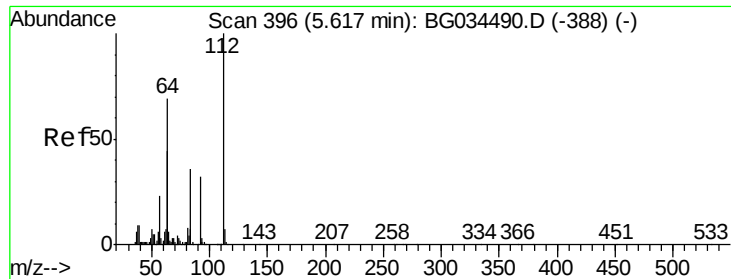
74 95.0 102.5 153.7#

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

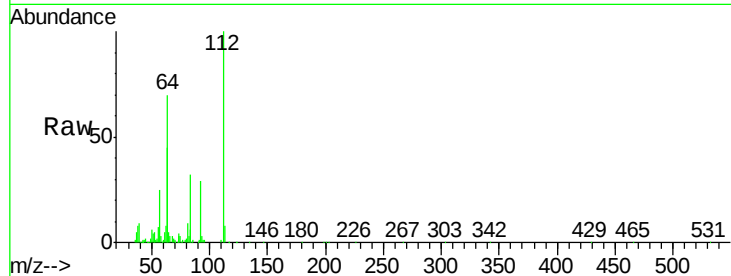
Tot Ion:112 Resp: 227428

Ion Ratio Lower Upper

112 100

64 69.8 56.3 84.5

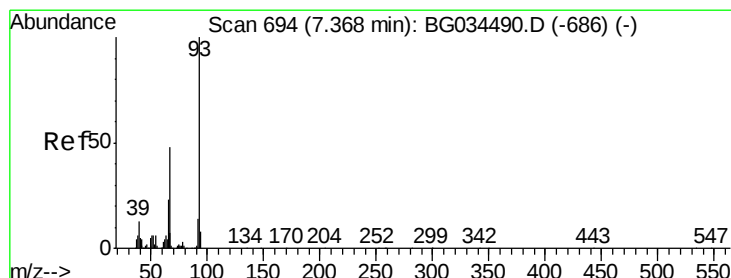
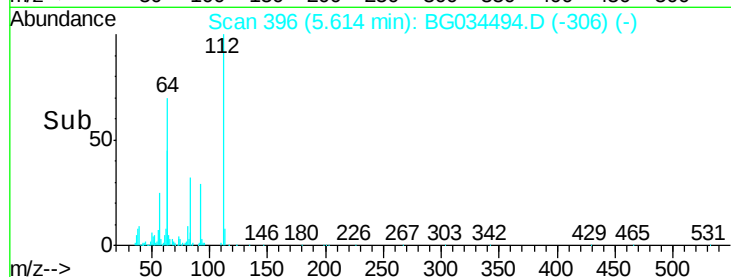
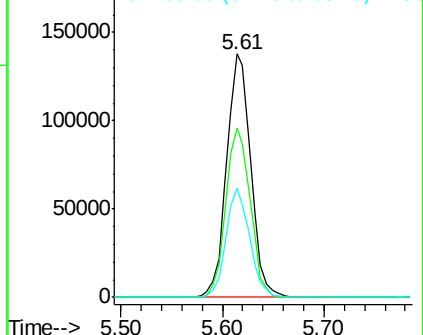
63 44.7 30.1 45.1



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

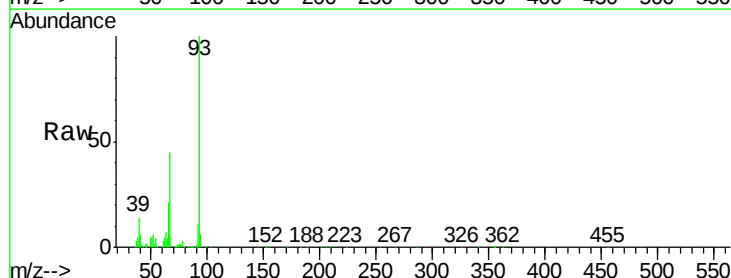
Tgt Ion: 93 Resp: 243269

Ion Ratio Lower Upper

93 100

66 45.1 33.7 50.5

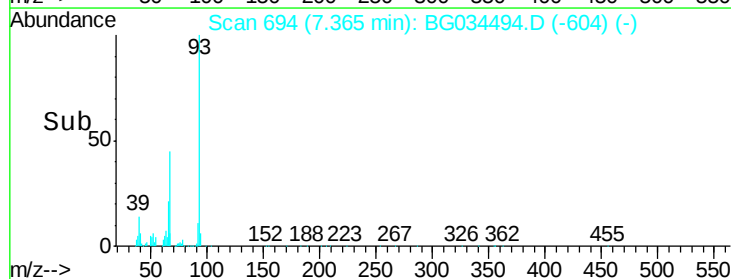
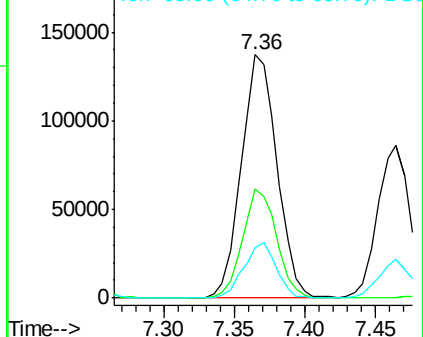
65 20.7 16.1 24.1

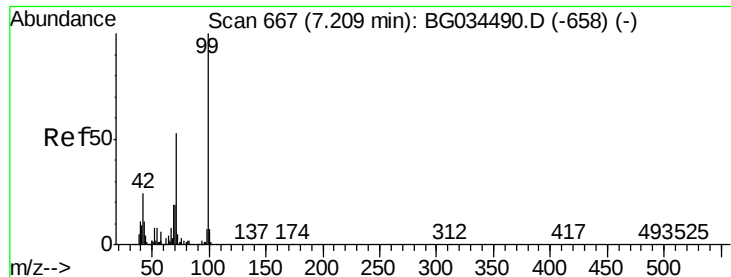


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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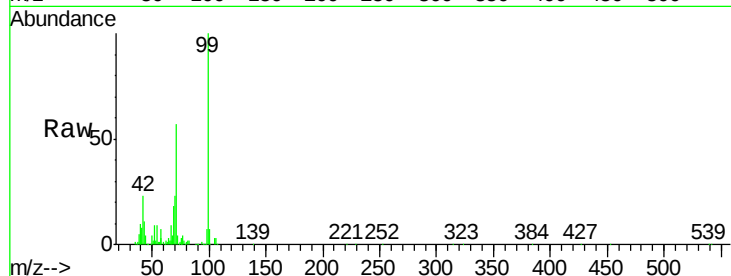
Tot Ion: 99 Resp: 374306

Ion Ratio Lower Upper

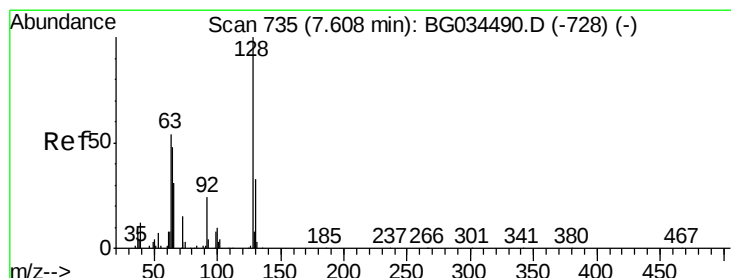
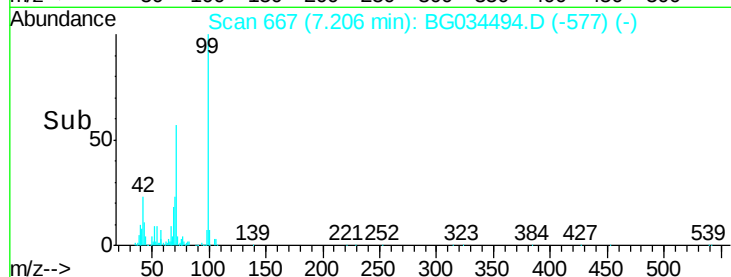
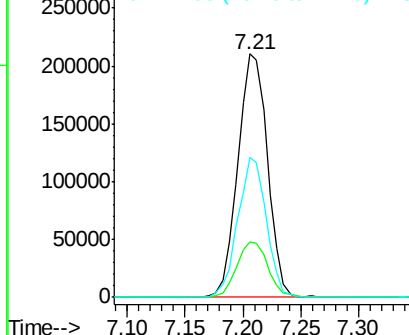
99 100

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

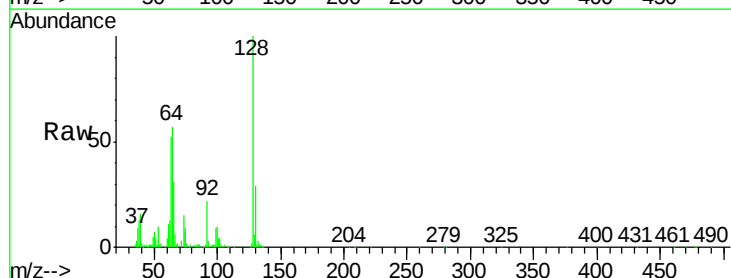
Tgt Ion: 128 Resp: 119772

Ion Ratio Lower Upper

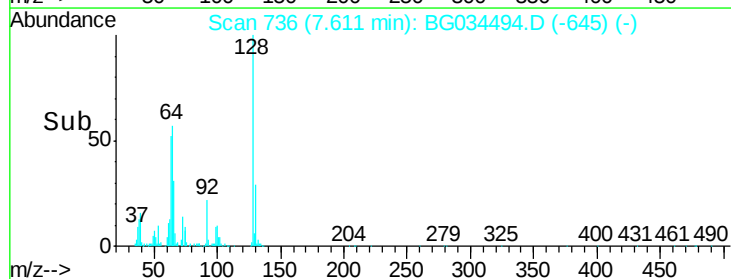
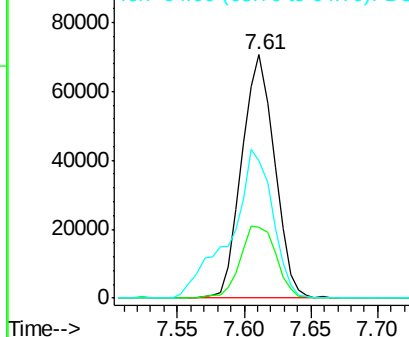
128 100

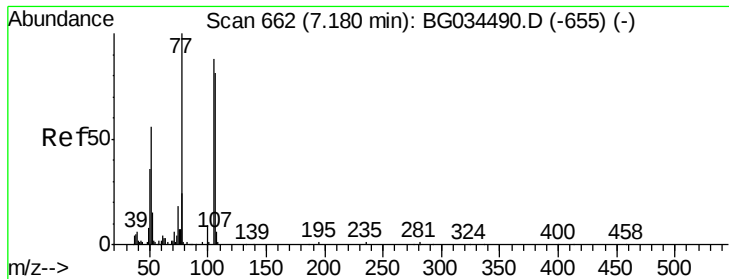
130 29.3 14.0 54.0

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

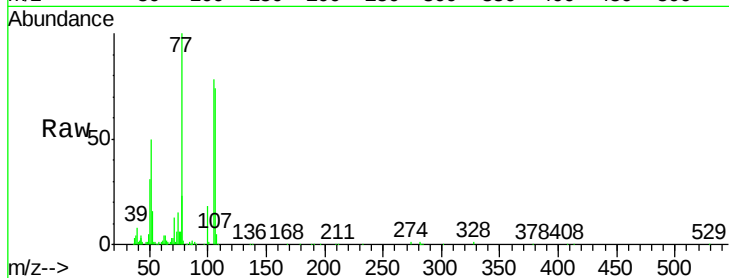
Tot Ion: 77 Resp: 130314

Ion Ratio Lower Upper

77 100

105 78.2 71.3 111.3

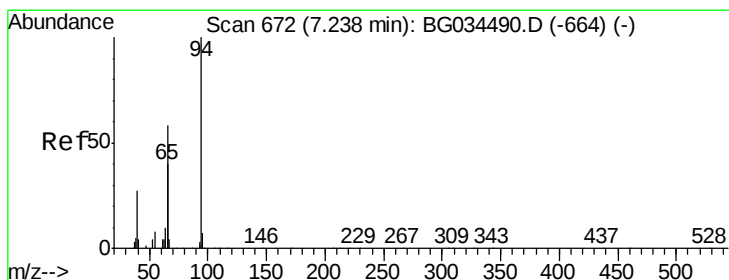
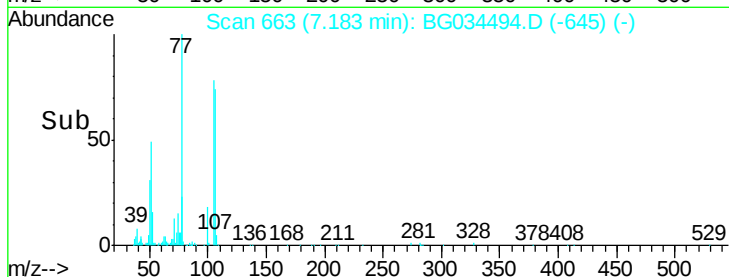
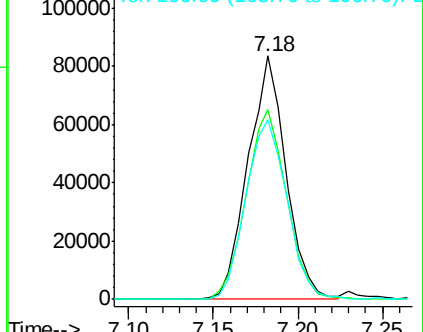
106 73.9 64.2 104.2



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

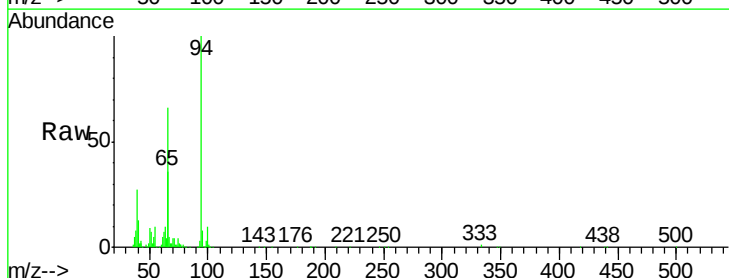
Tgt Ion: 94 Resp: 186106

Ion Ratio Lower Upper

94 100

65 36.0 11.9 51.9

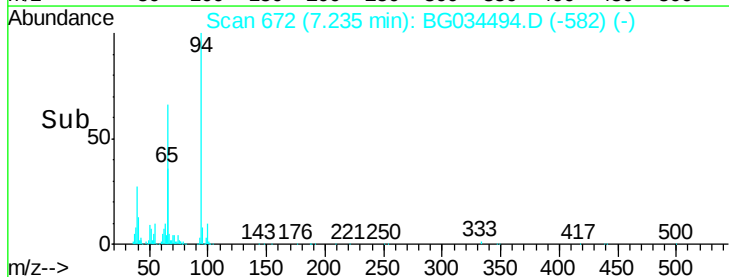
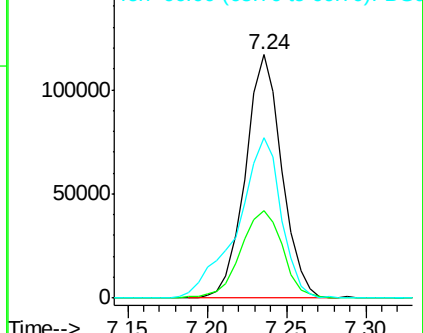
66 65.7 22.2 62.2#

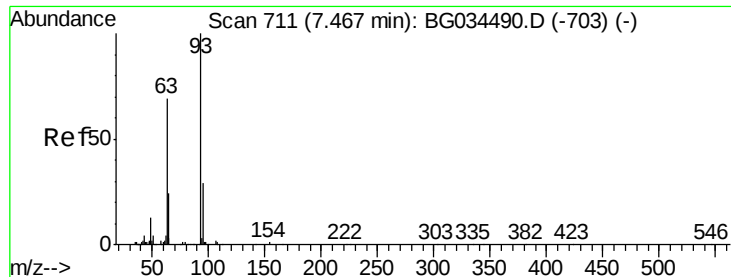


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

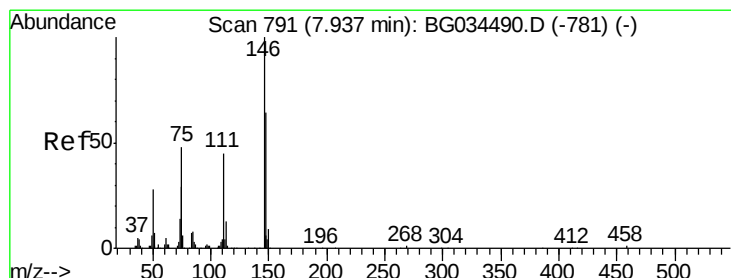
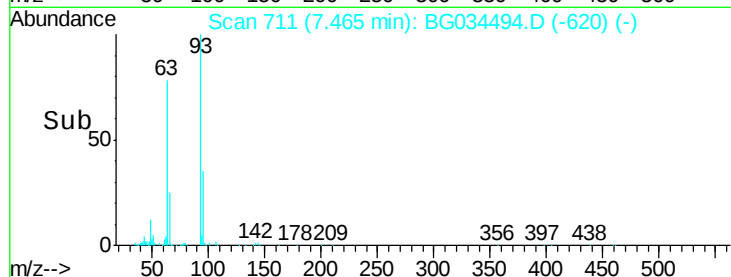
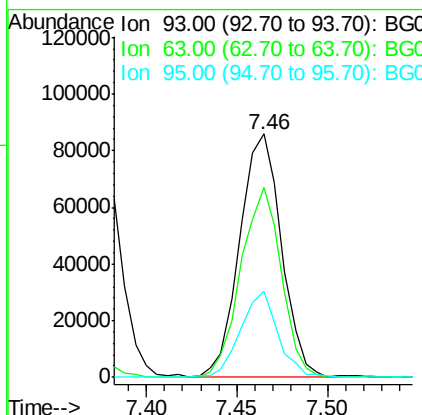
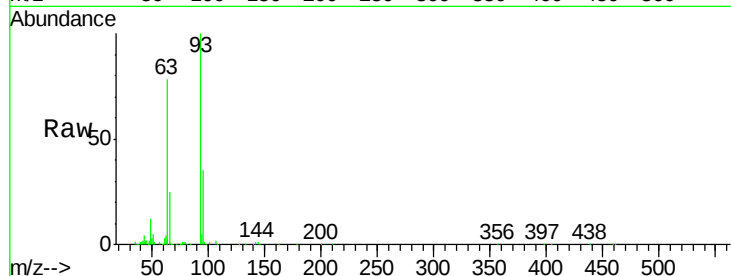




#11
 bis(2-Chloroethyl)ether
 Concen: 38.567 ng
 RT: 7.46 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

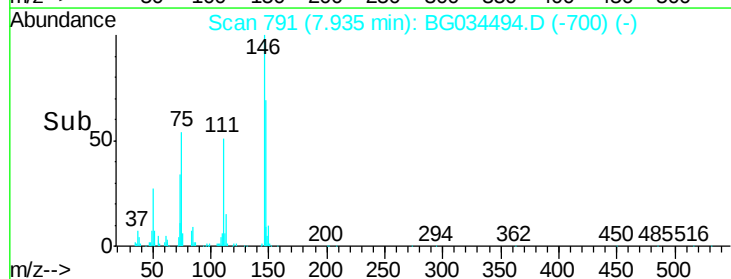
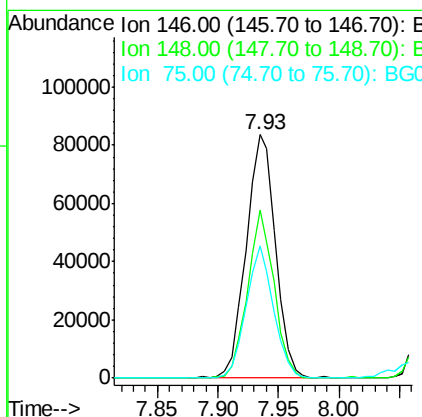
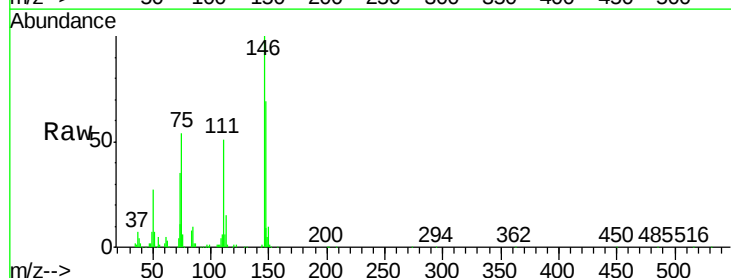
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

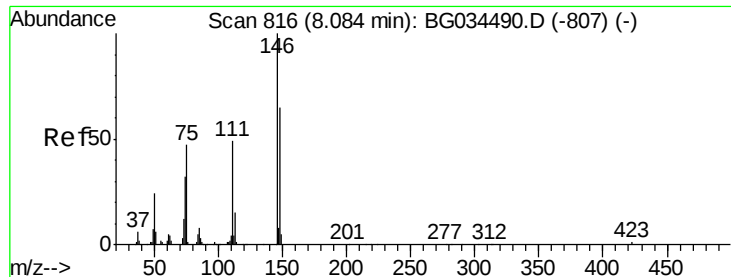
Tot Ion	93	Resp	136579
Ion Ratio	Lower	Upper	
93	100		
63	78.0	67.1	107.1
95	35.3	11.5	51.5



#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

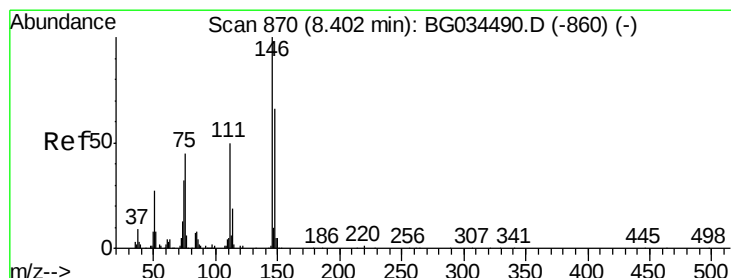
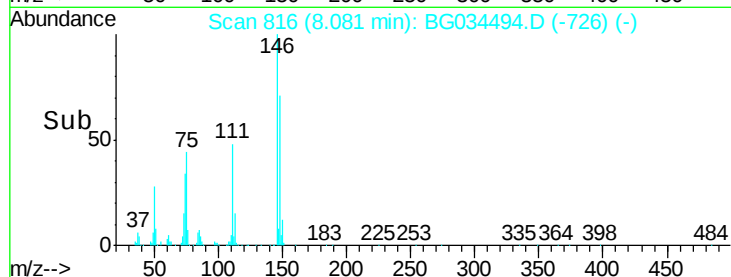
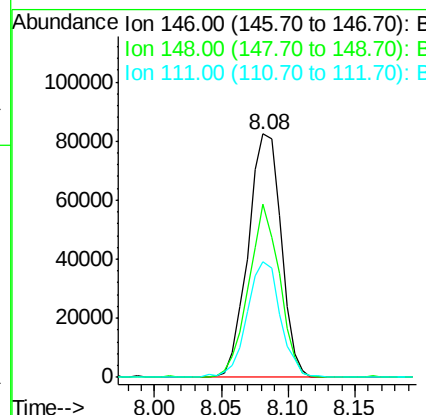
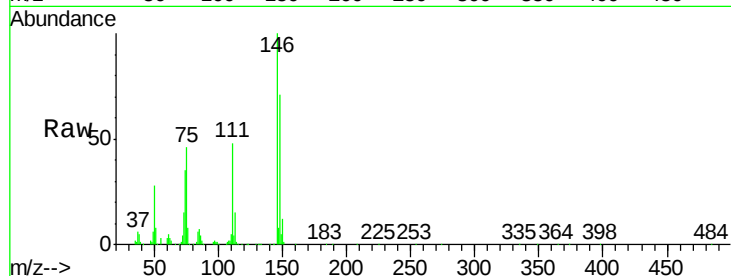




#13
 1,4-Dichlorobenzene
 Concen: 38.052 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

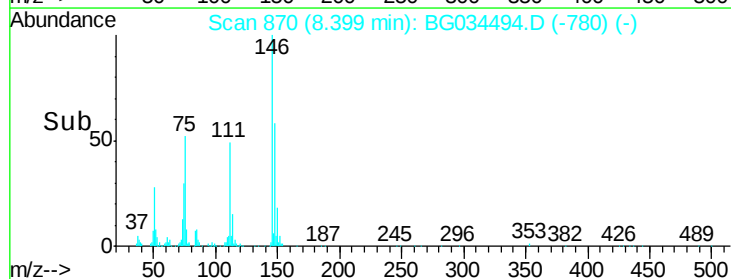
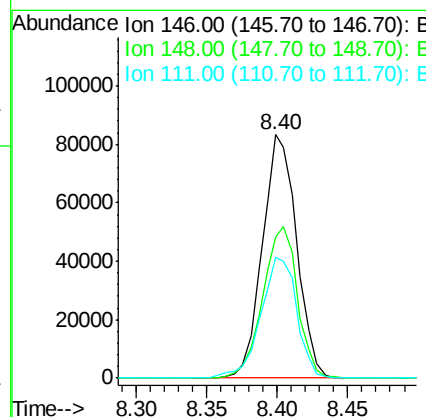
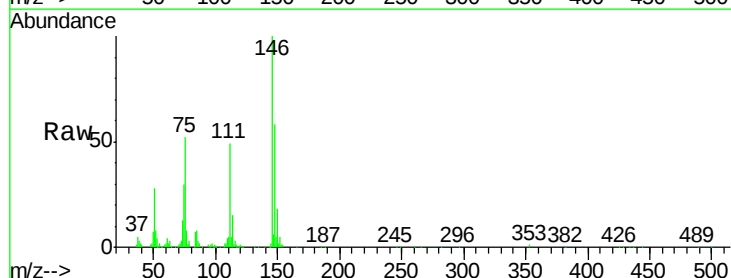
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

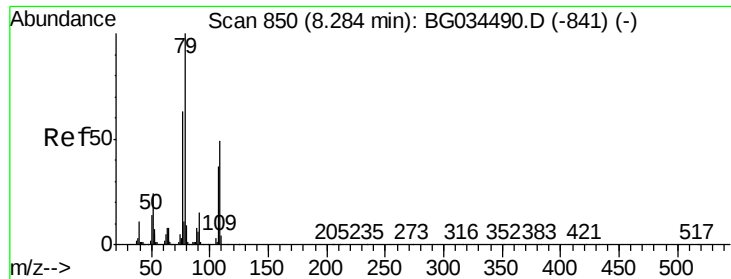
Tot Ion	Ratio	Lower	Upper
146	100		
148	71.0	53.7	80.5
111	47.7	35.2	52.8



#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	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

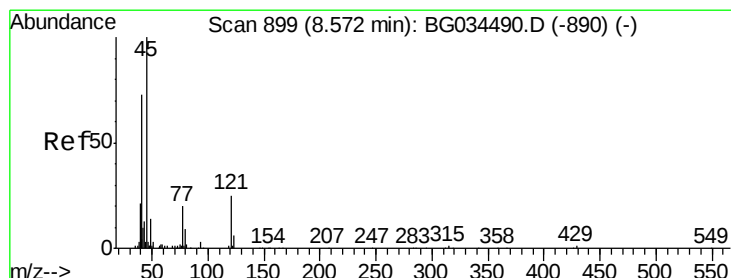
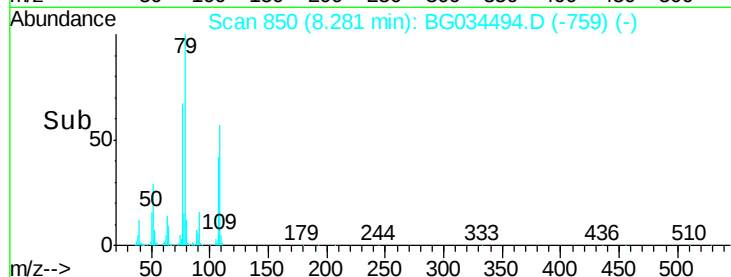
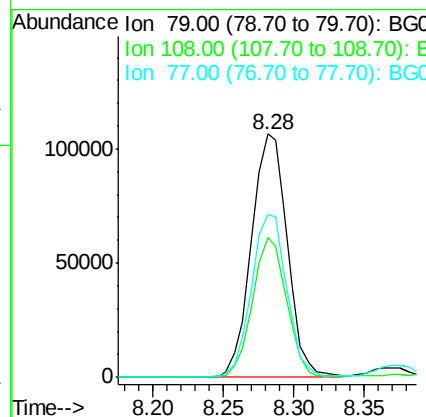
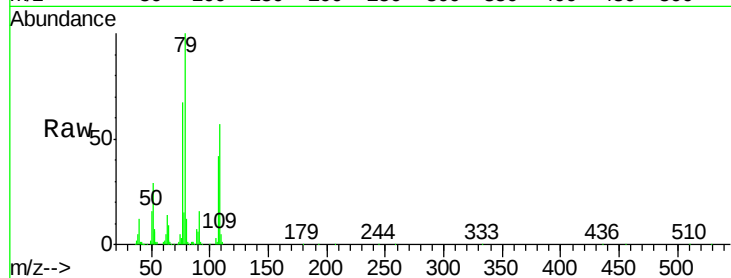
Tot Ion: 79 Resp: 190399

Ion Ratio Lower Upper

79 100

108 57.4 57.2 85.8

77 67.2 46.1 69.1



#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

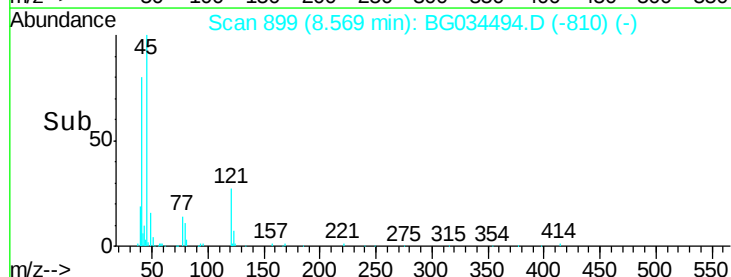
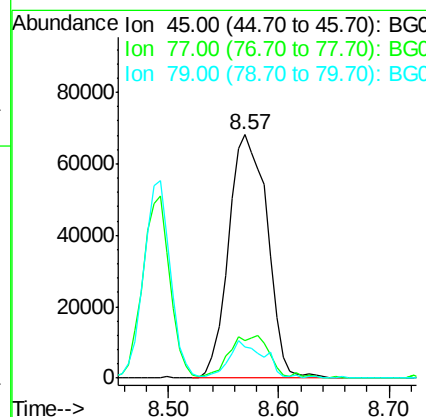
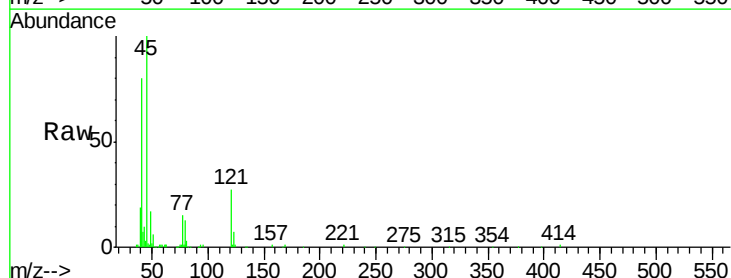
Tgt Ion: 45 Resp: 166905

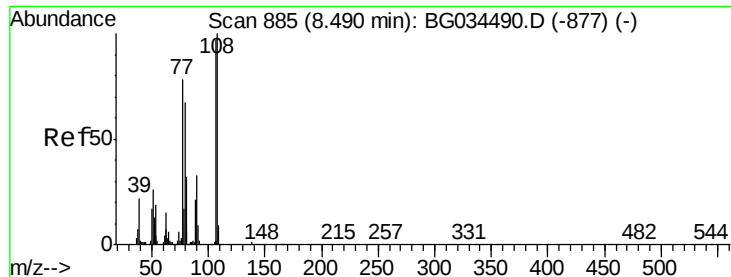
Ion Ratio Lower Upper

45 100

77 15.3 0.0 30.2

79 12.9 0.0 27.9





#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

Tot Ion:107 Resp: 119245

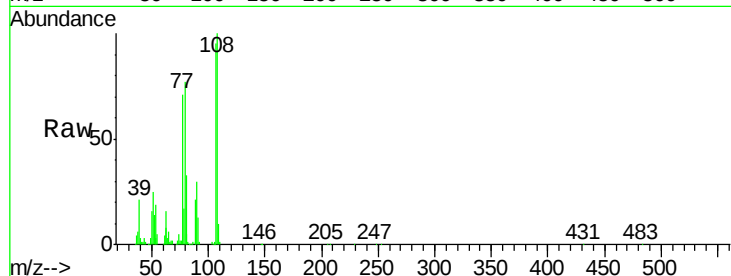
Ion Ratio Lower Upper

107 100

108 104.8 83.9 125.9

77 74.9 37.2 55.8#

79 81.1 36.2 54.2#



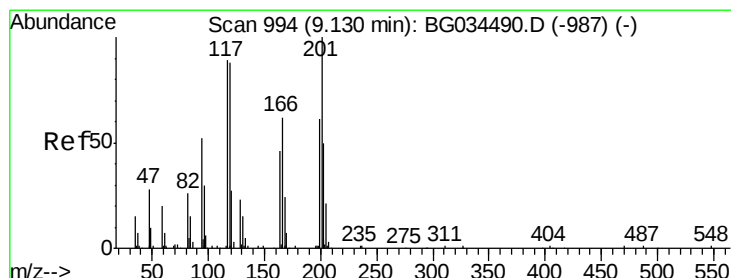
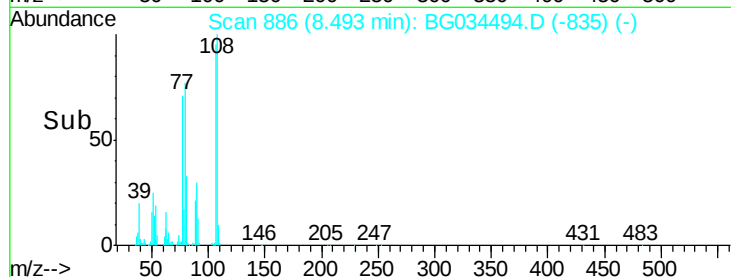
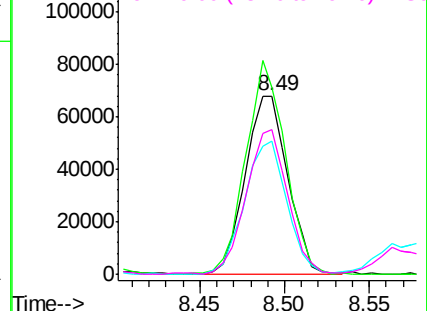
Abundance

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

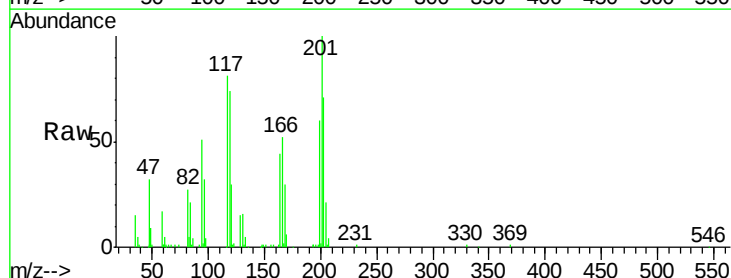
Tgt Ion:117 Resp: 60369

Ion Ratio Lower Upper

117 100

119 91.1 76.7 115.1

201 123.1 95.7 143.5

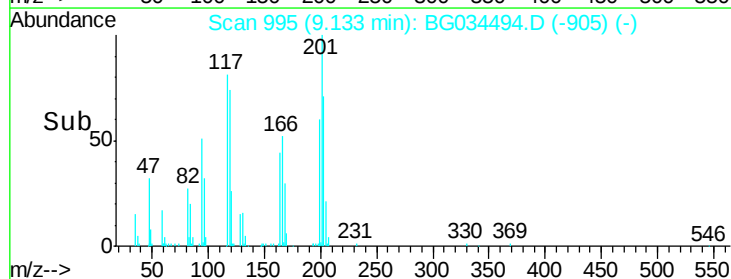
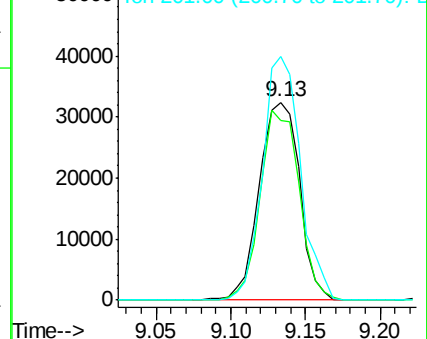


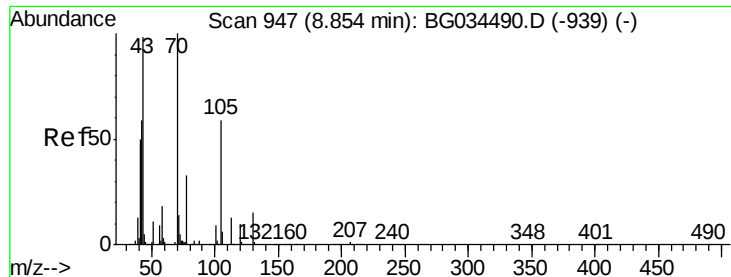
Abundance

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

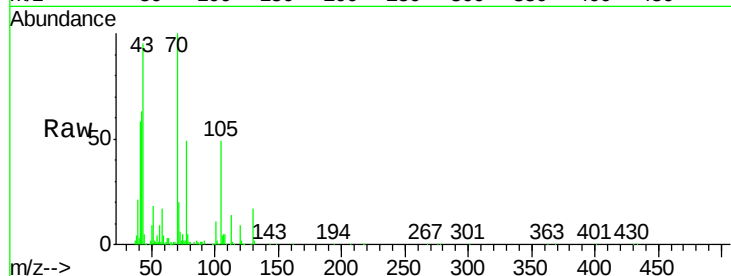




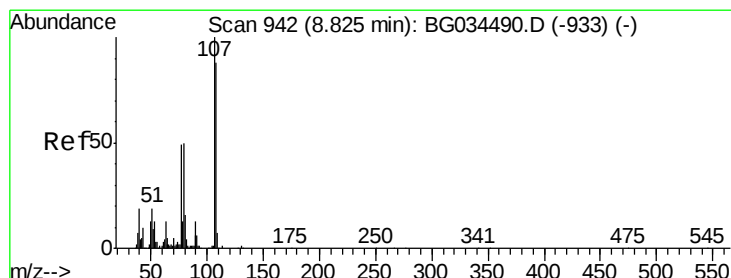
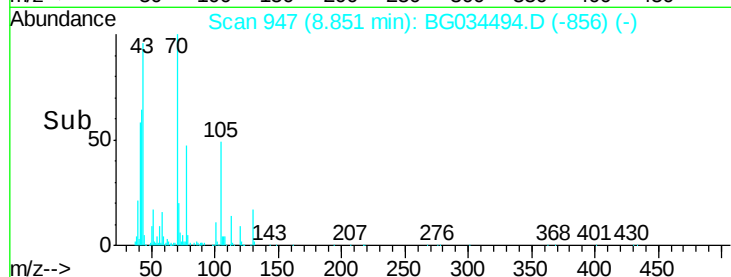
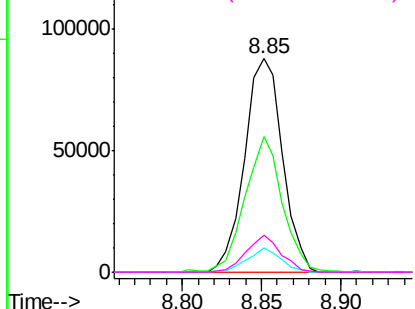
#19
n-Nitroso-di-n-propylamine
Concen: 37.824 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Instrument :
BNA_G
ClientSampleId :
ICVBG051618

Tot 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

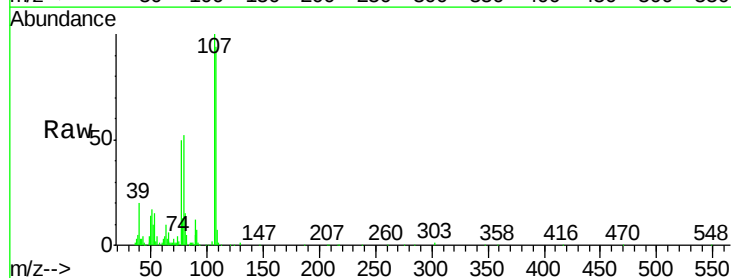


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

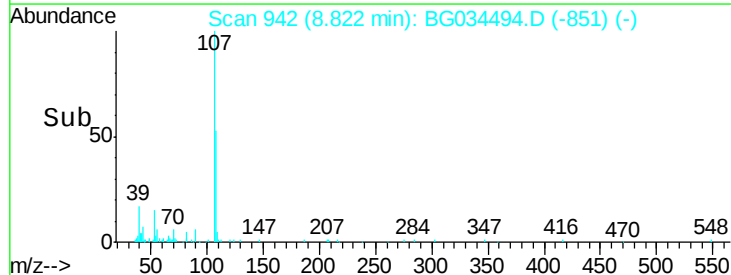
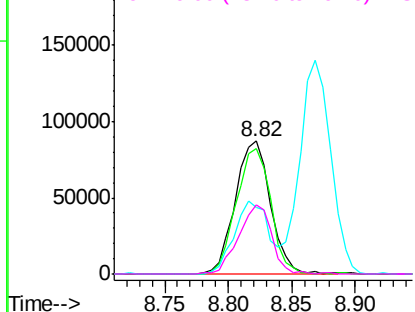


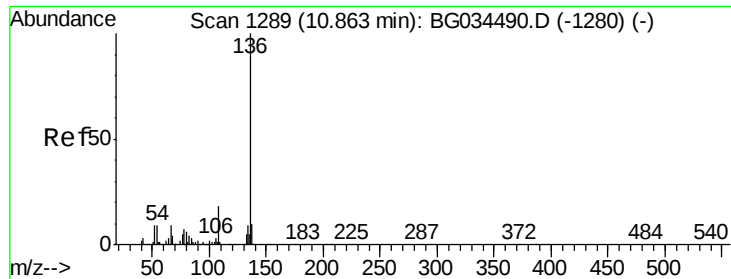
#20
3+4-Methylphenols
Concen: 38.356 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

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

Tot Ion:136 Resp: 199902

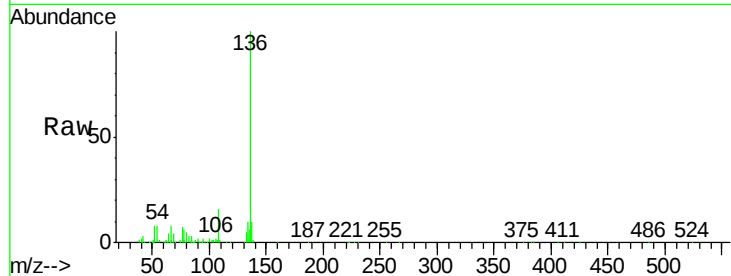
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 7.9 10.3 15.5#

68 3.7 4.5 6.7#

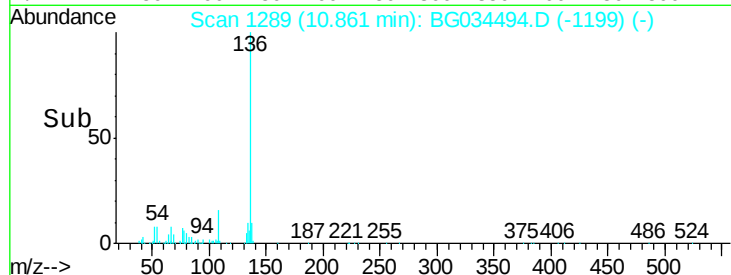


Abundance Ion 136.00 (135.70 to 136.70): E

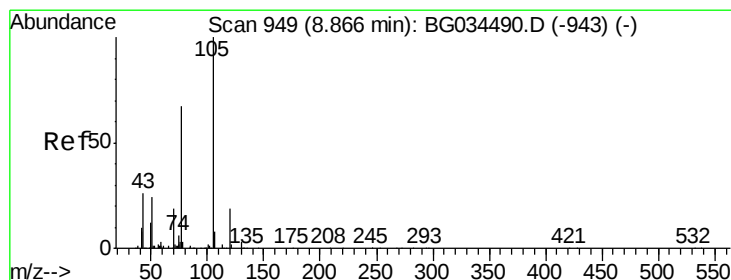
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#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

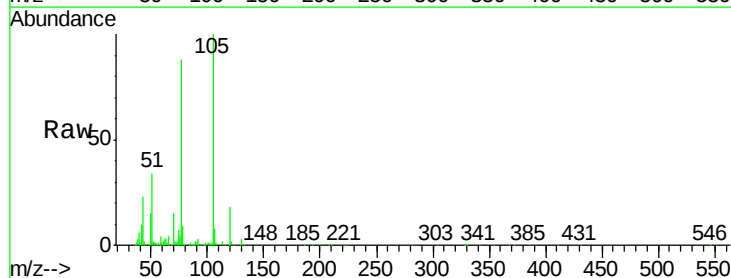
Ion Ratio Lower Upper

105 100

71 1.7 3.0 4.4#

51 34.3 26.1 39.1

120 17.7 17.4 26.2

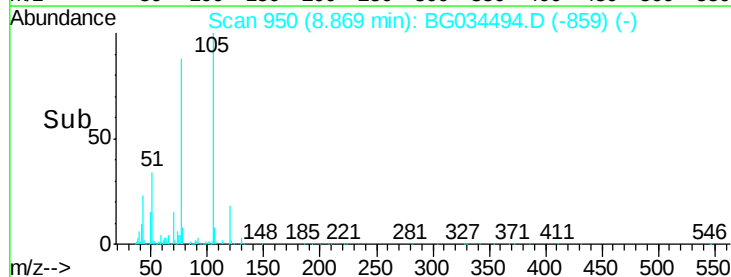


Abundance Ion 105.00 (104.70 to 105.70): E

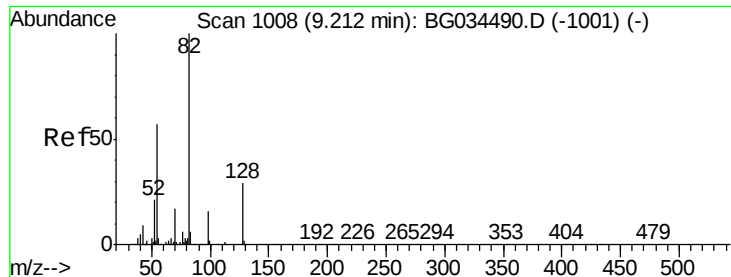
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



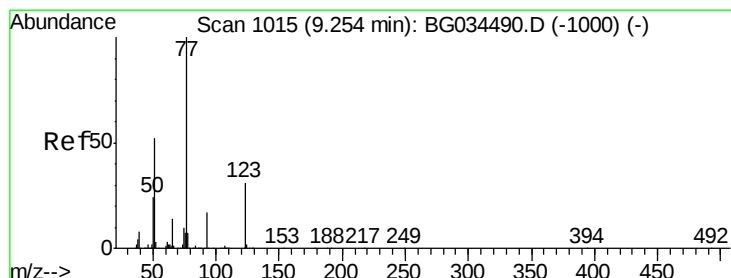
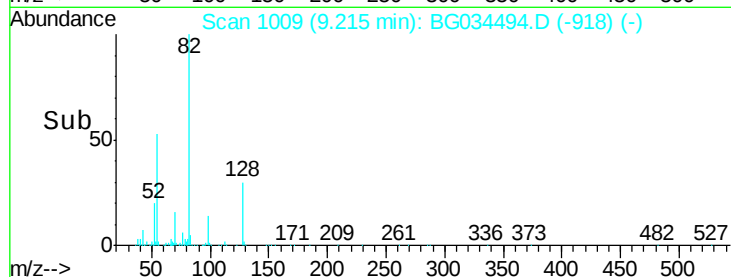
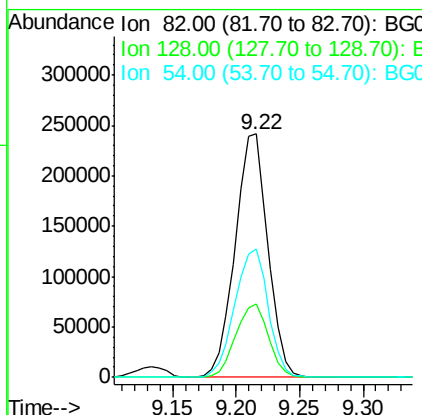
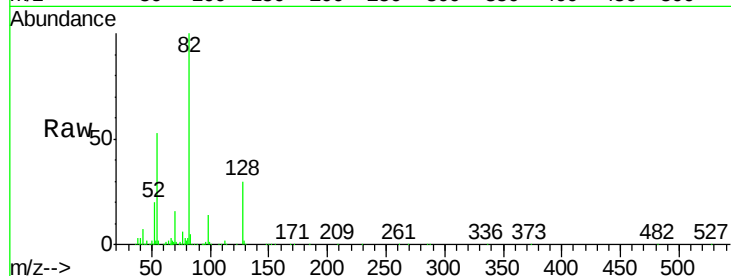
Time-->



#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

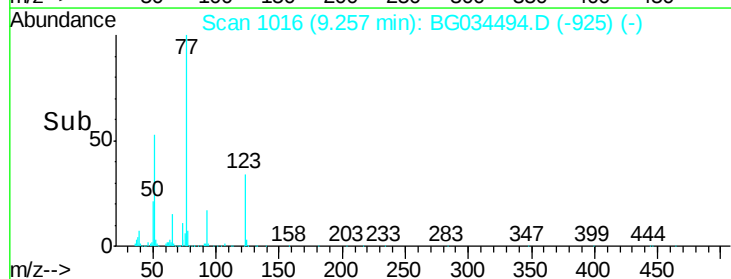
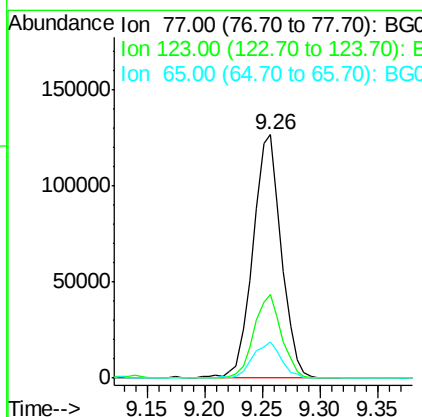
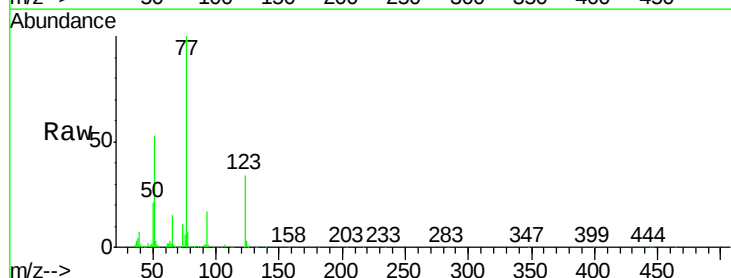
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

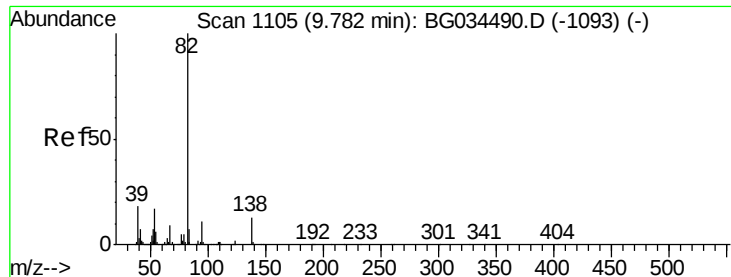
Tot Ion	82	Resp	430325
Ion Ratio	100	Lower	Upper
128	30.3	29.7	44.5
54	52.9	43.1	64.7



#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	100	Lower	Upper
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

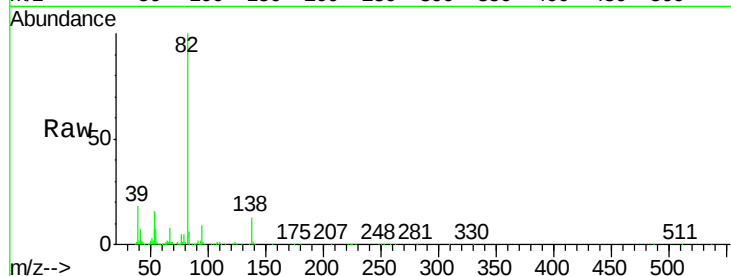
Tot Ion: 82 Resp: 416690

Ion Ratio Lower Upper

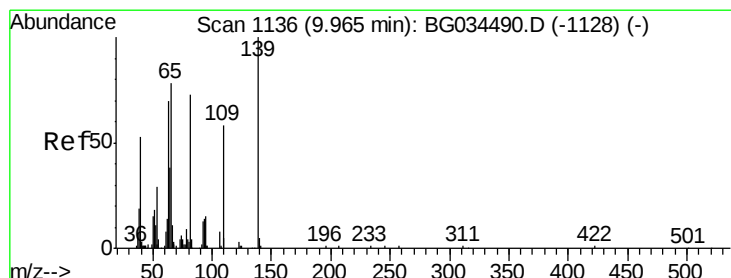
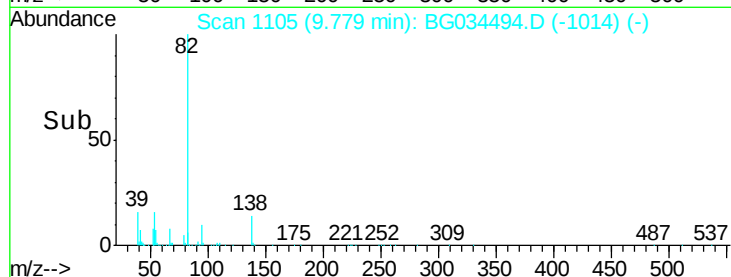
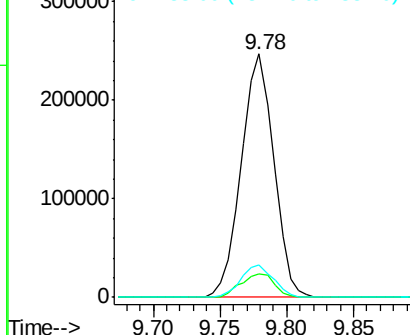
82 100

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

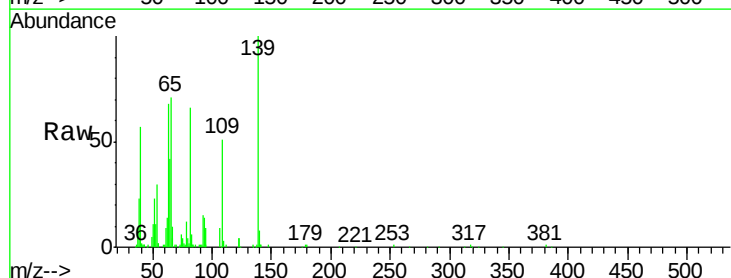
Tgt Ion: 139 Resp: 80203

Ion Ratio Lower Upper

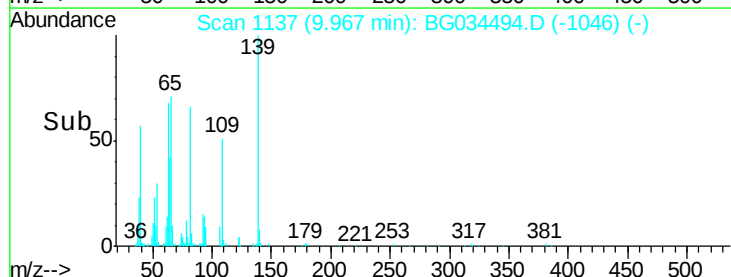
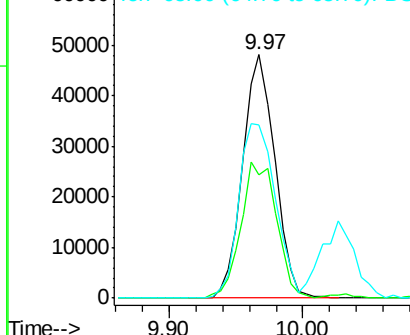
139 100

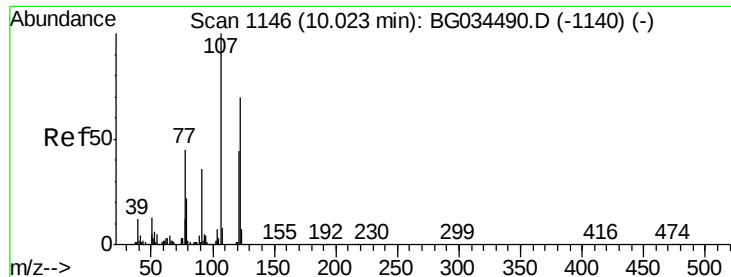
109 50.8 24.2 36.2#

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

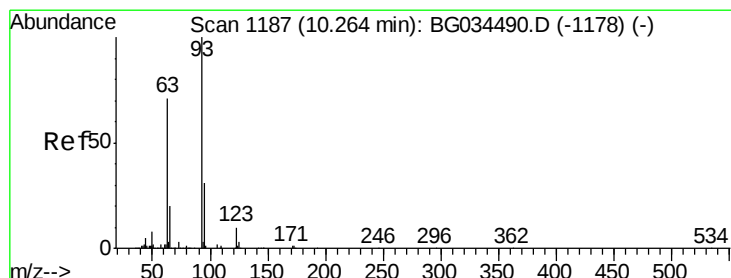
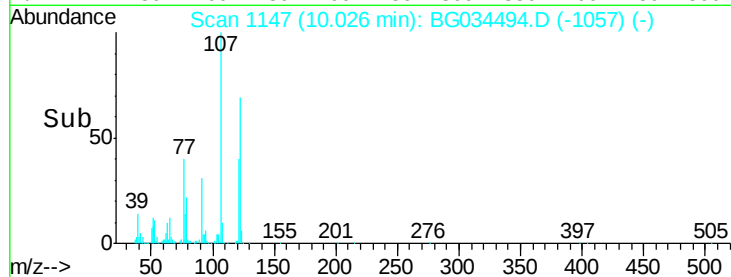
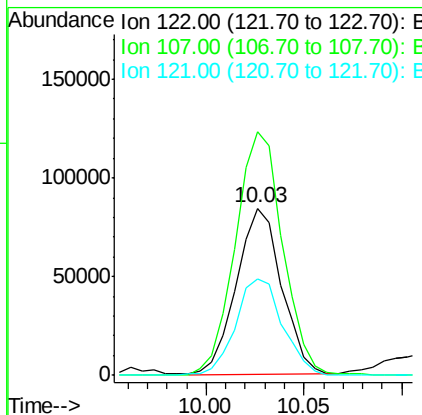
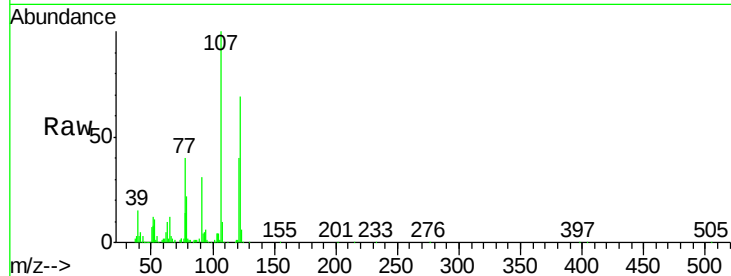




#27
 2,4-Dimethylphenol
 Concen: 40.060 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

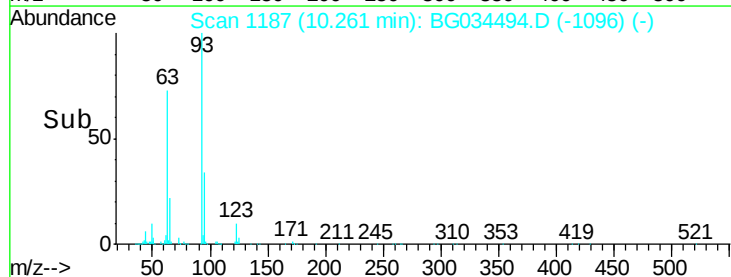
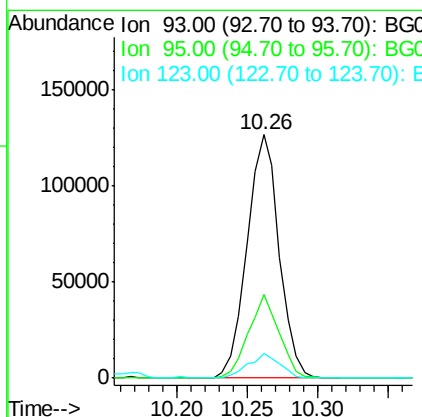
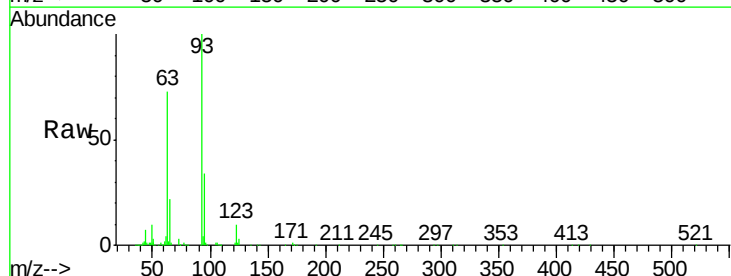
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

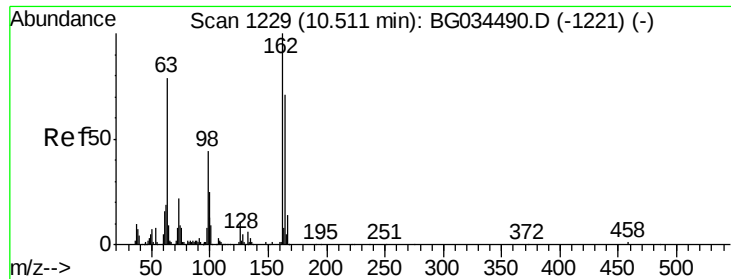
Tot Ion:122 Resp: 135853
 Ion Ratio Lower Upper
 122 100
 107 145.6 100.2 150.2
 121 57.8 44.4 66.6



#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

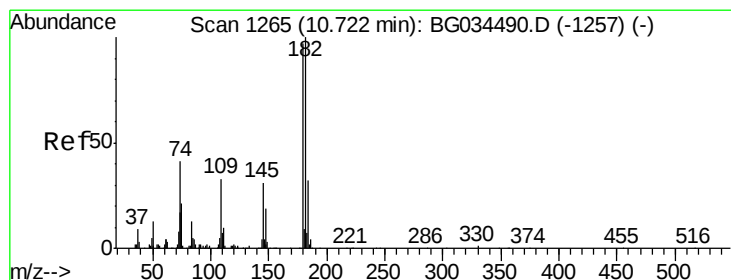
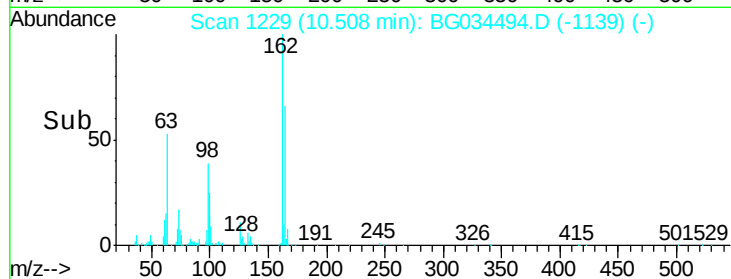
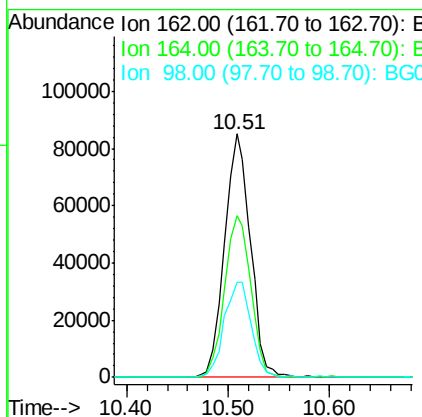
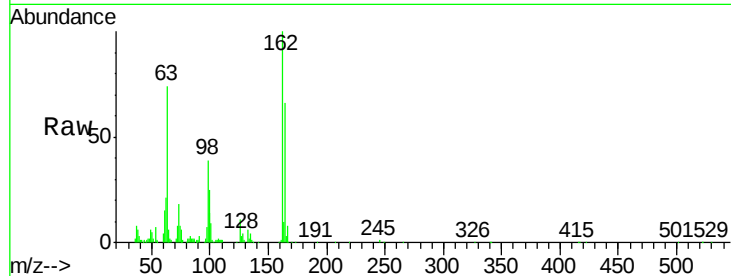




#29
 2,4-Dichlorophenol
 Concen: 42.458 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

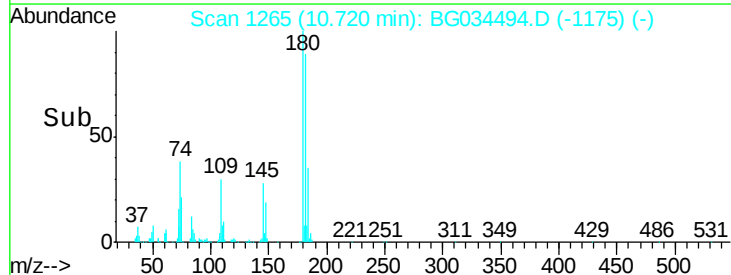
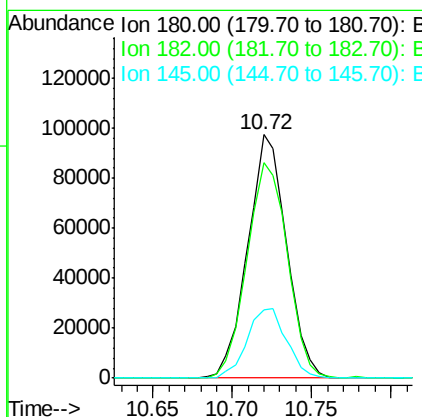
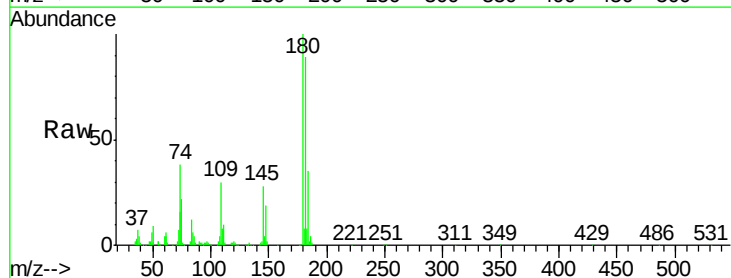
Instrument :
 BNA_G
 ClientSampled :
 ICVBG051618

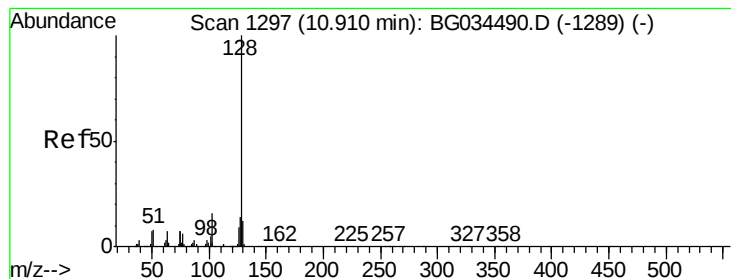
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.0	88.0
98	39.3	21.1	61.1



#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	Ratio	Lower	Upper
180	100		
182	88.6	77.5	116.3
145	28.2	23.4	35.2

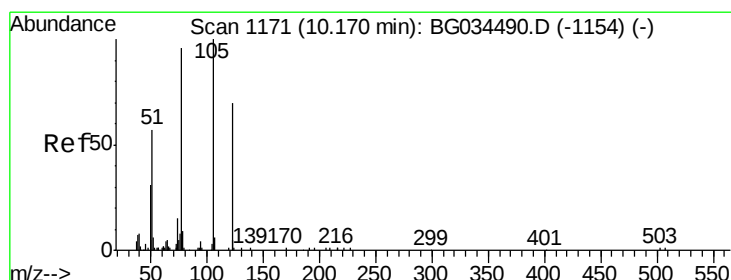
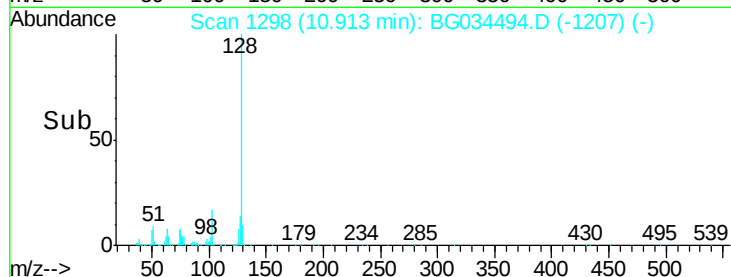
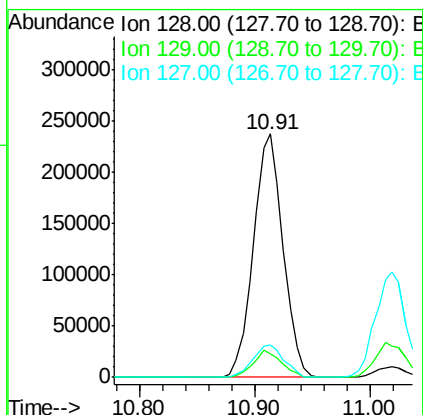
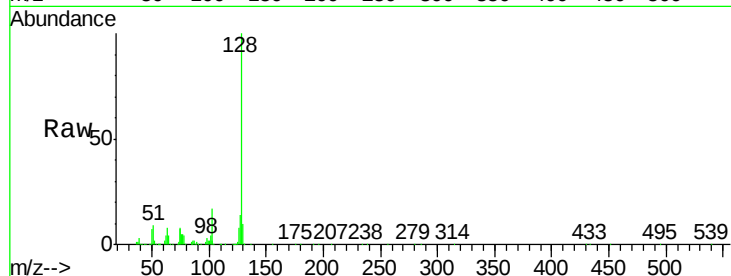




#31
Naphthalene
Concen: 40.732 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

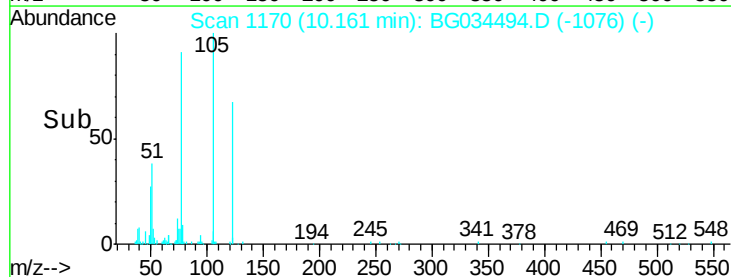
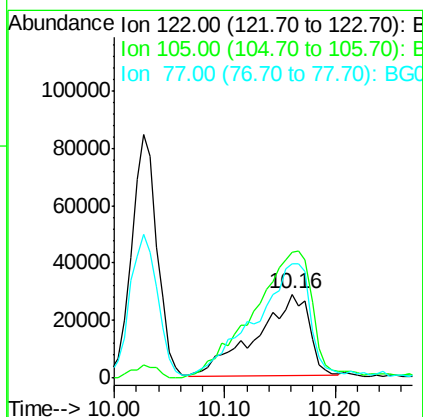
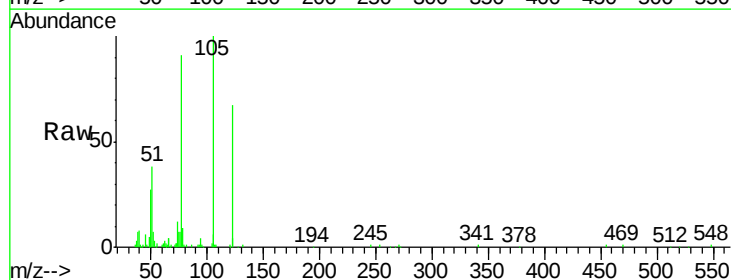
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

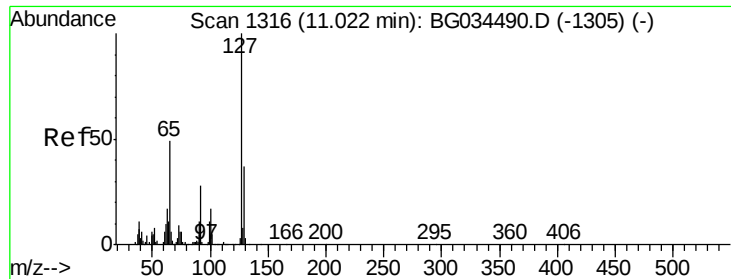
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	13.5	11.6	17.4



#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	Ratio	Lower	Upper
122	100		
105	150.3	123.5	163.5
77	136.1	85.7	125.7

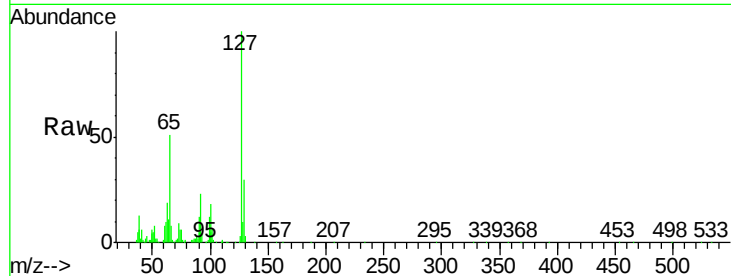




#33
4-Chloroaniline
Concen: 41.522 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Instrument :
BNA_G
ClientSampleId :
ICVBG051618

Tot 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



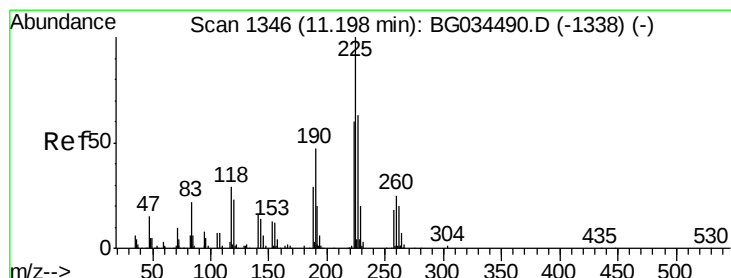
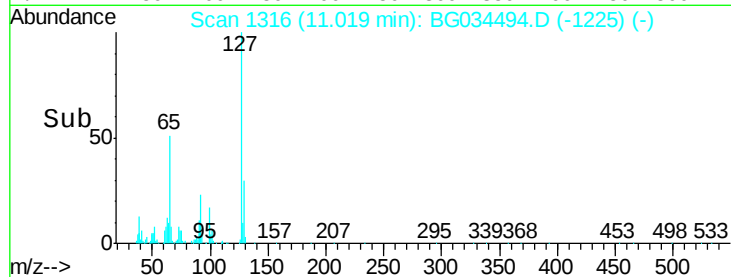
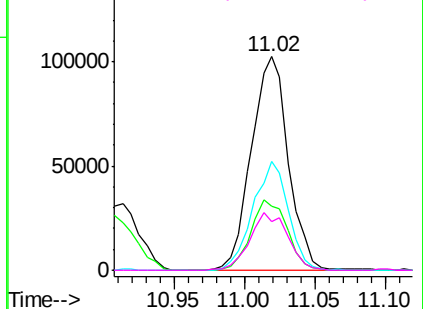
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

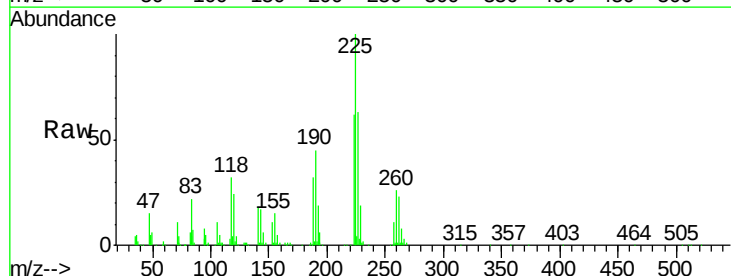
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#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	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	62.8	48.1	72.1

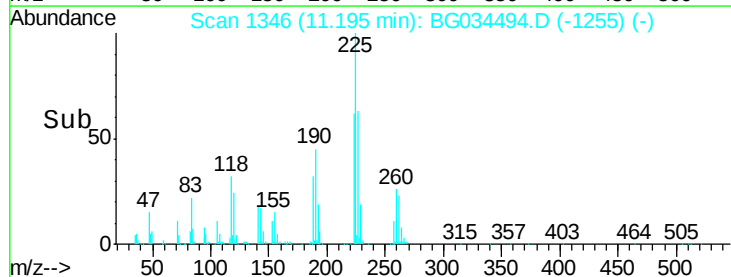
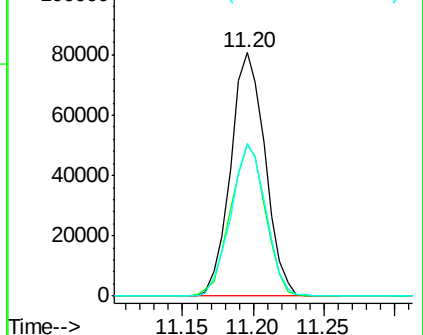


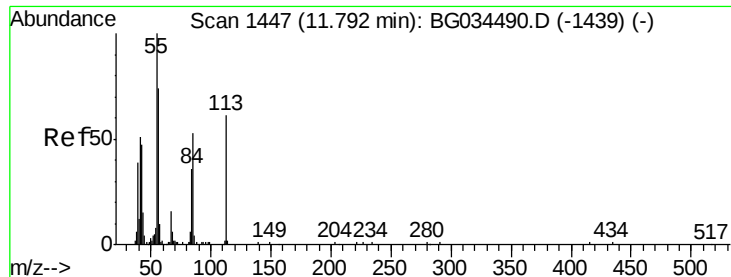
Abundance

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

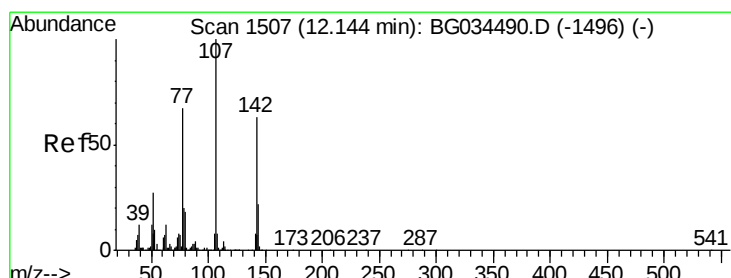
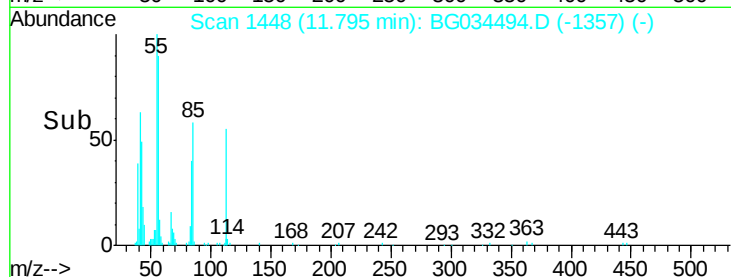
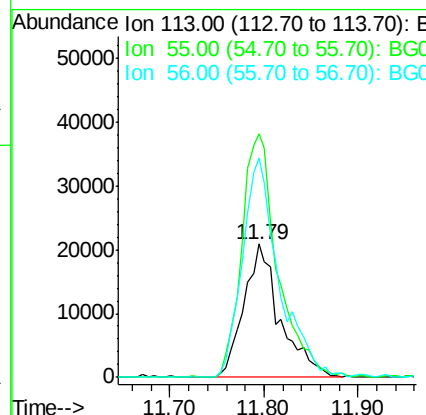
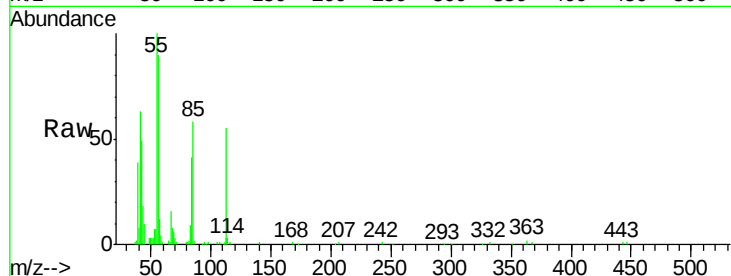




#35
Caprolactam
Concen: 41.310 ng
RT: 11.79 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

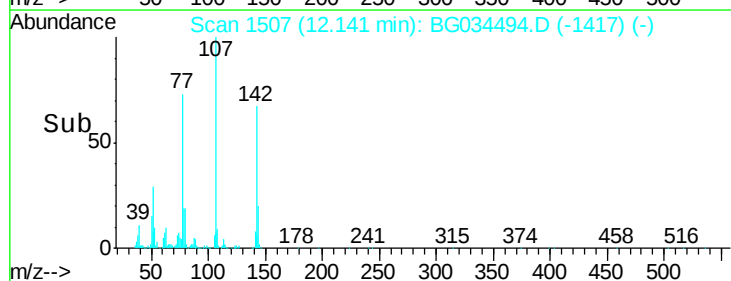
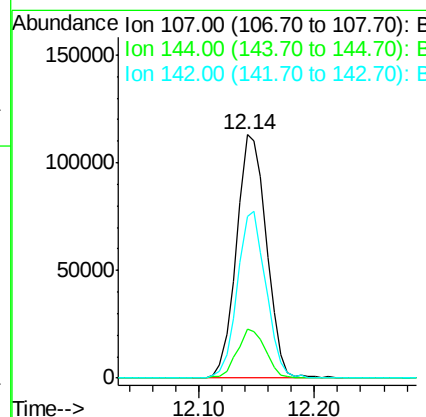
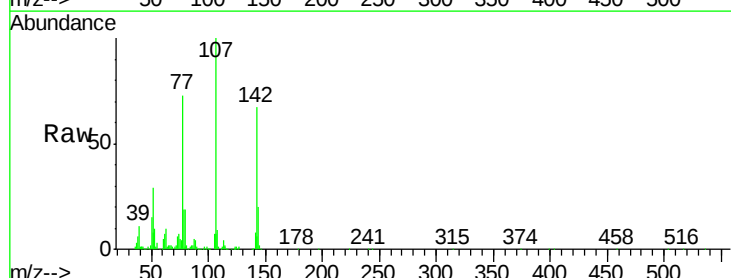
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

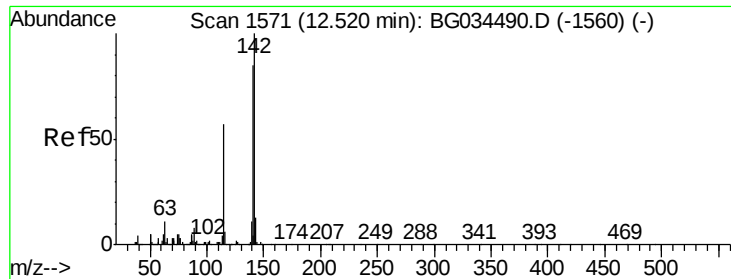
Tot Ion:113 Resp: 55538
Ion Ratio Lower Upper
113 100
55 182.8 186.9 226.9#
56 164.2 130.9 170.9



#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

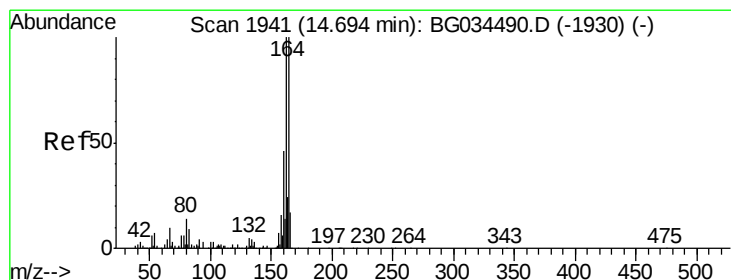
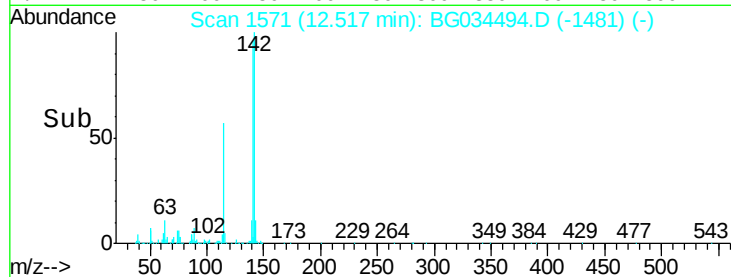
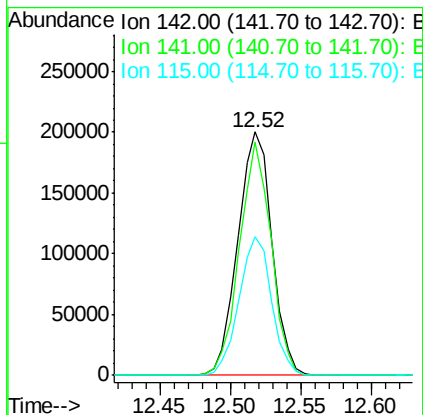
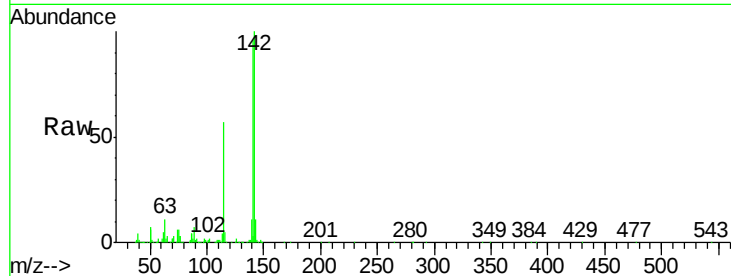




#37
 2-Methylnaphthalene
 Concen: 40.207 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

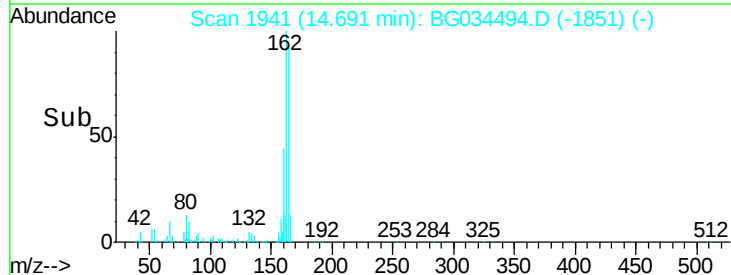
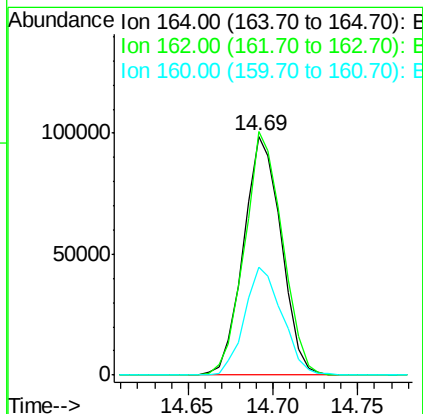
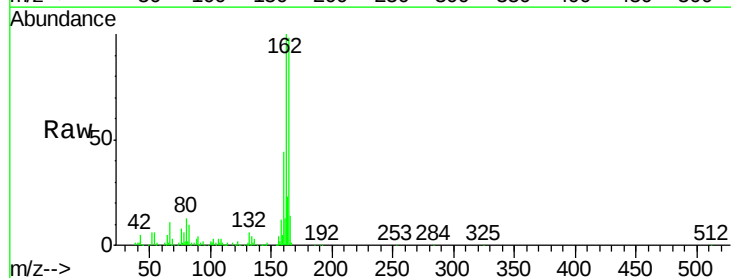
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

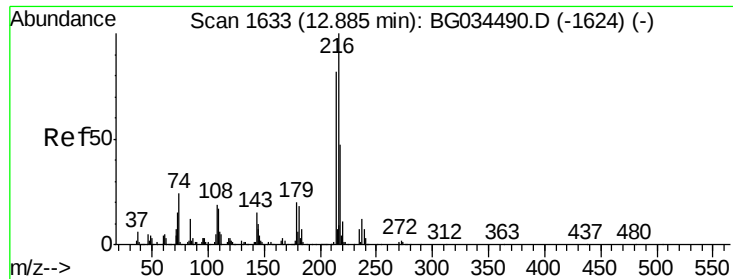
Tot Ion	Ratio	Lower	Upper
142	100		
141	95.9	67.1	100.7
115	56.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.0	35.4	53.0





#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

Tot Ion:216 Resp: 229334

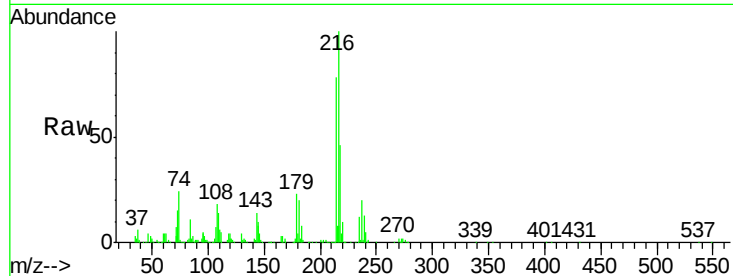
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.0 17.0 25.6

108 20.3 12.8 19.2#

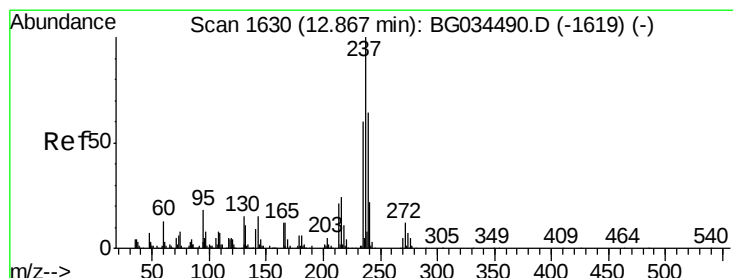
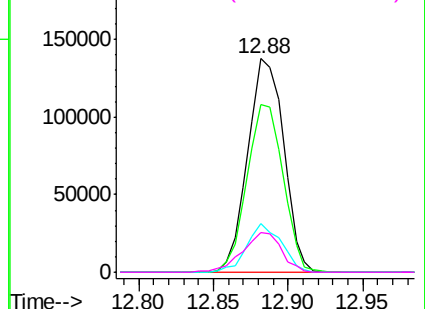
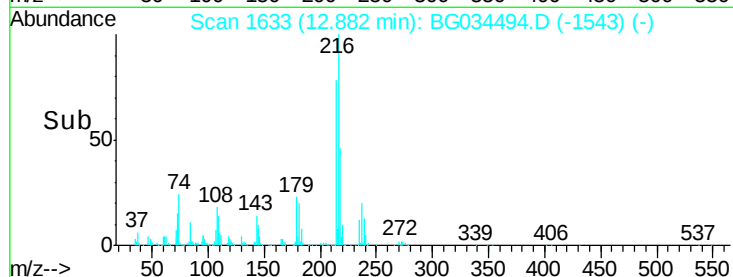


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

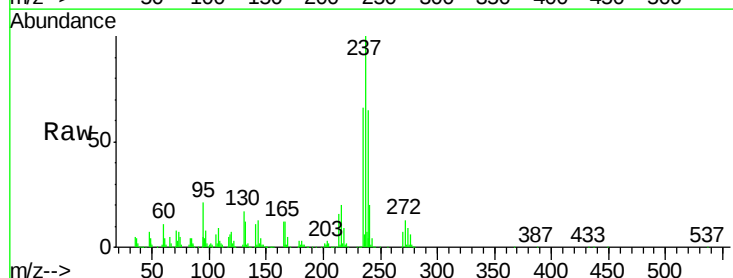
Tgt Ion:237 Resp: 175697

Ion Ratio Lower Upper

237 100

235 66.0 50.4 90.4

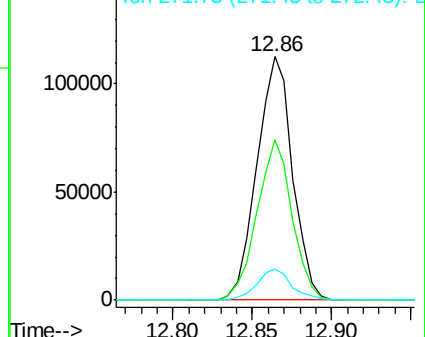
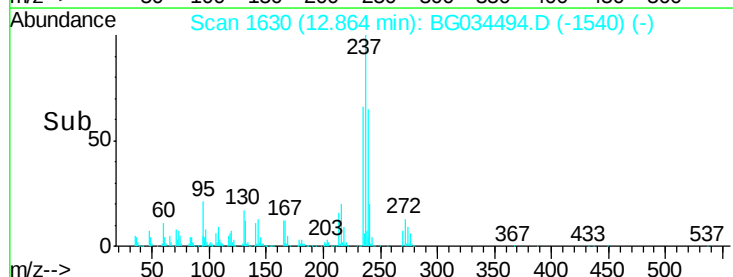
272 12.7 0.0 31.8

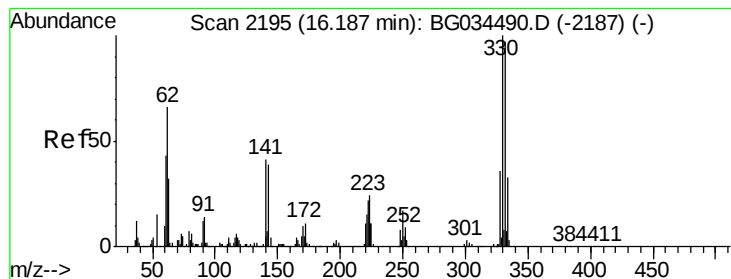


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 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

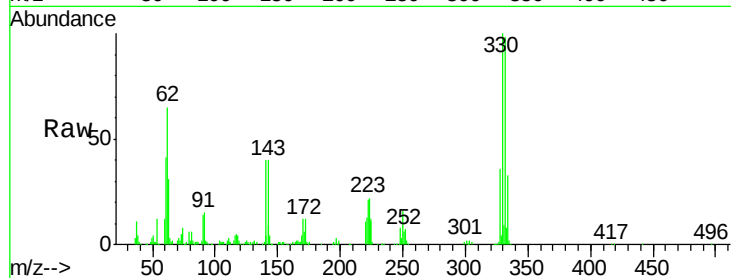
Tot Ion:330 Resp: 209570

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

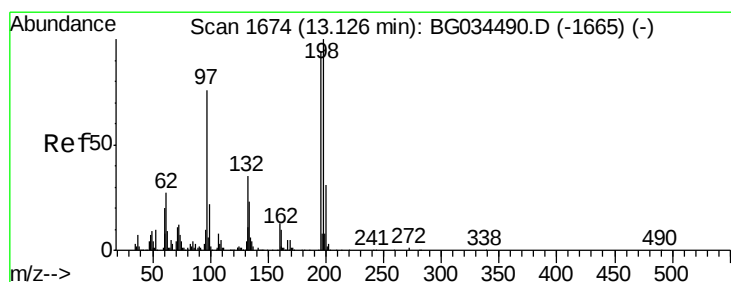
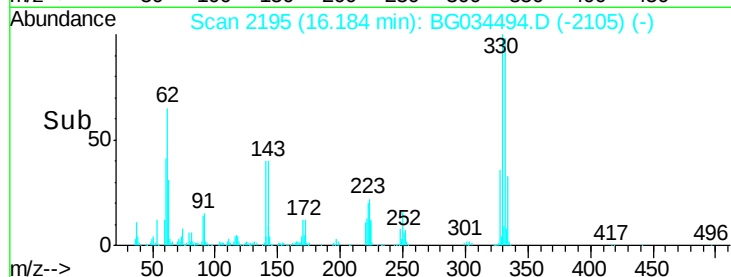
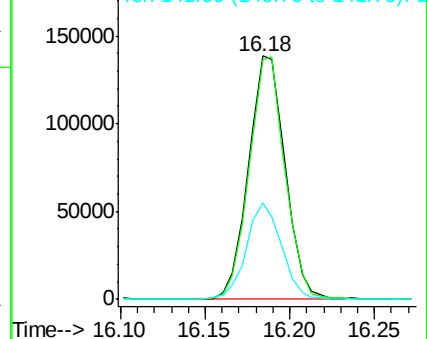
141 38.0 25.2 37.8#



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

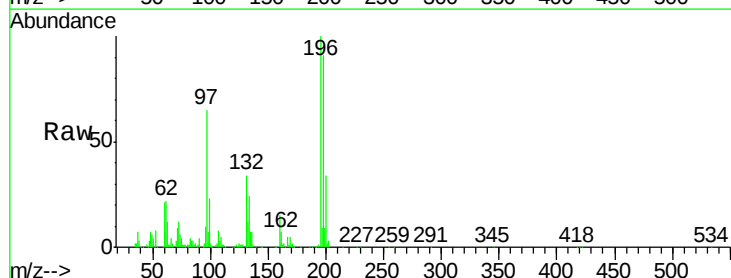
Tgt Ion:196 Resp: 143341

Ion Ratio Lower Upper

196 100

198 90.8 78.2 117.2

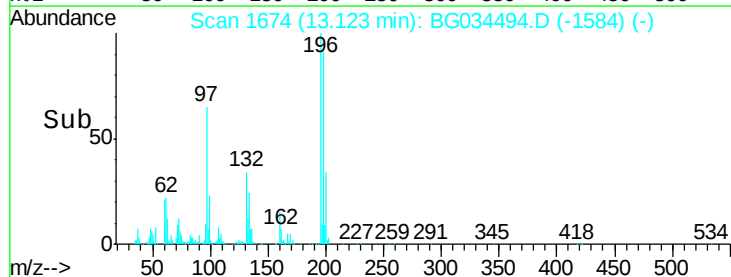
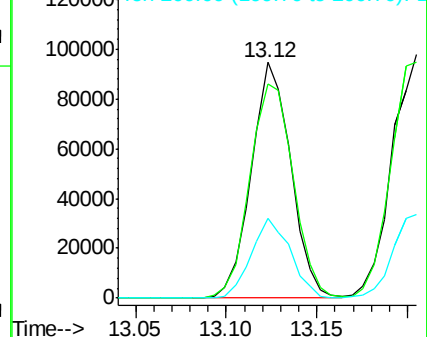
200 33.6 24.6 36.8

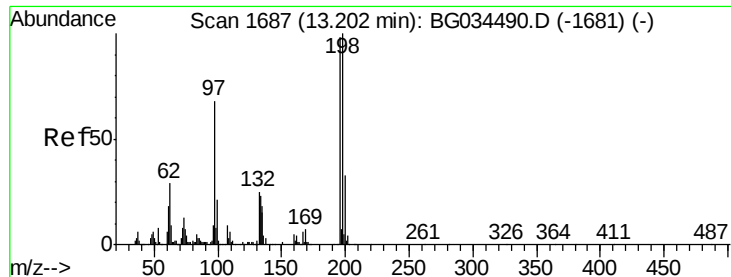


Abundance Ion 196.00 (195.70 to 196.70): E

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

Tot Ion:196 Resp: 158914

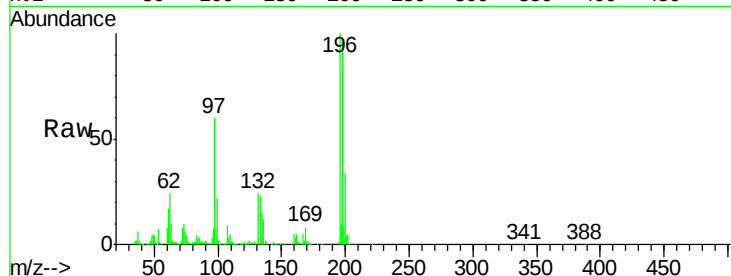
Ion Ratio Lower Upper

196 100

198 97.1 76.2 114.4

97 60.1 38.7 58.1#

132 23.6 20.2 30.2

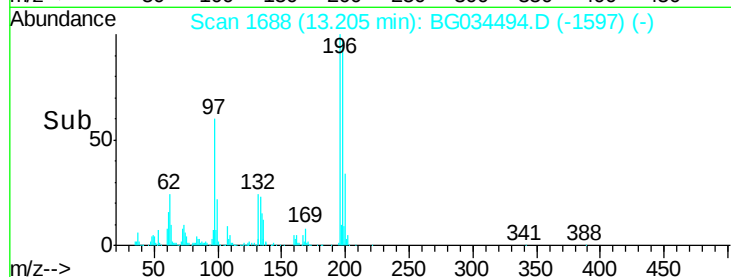


Abundance Ion 196.00 (195.70 to 196.70): E

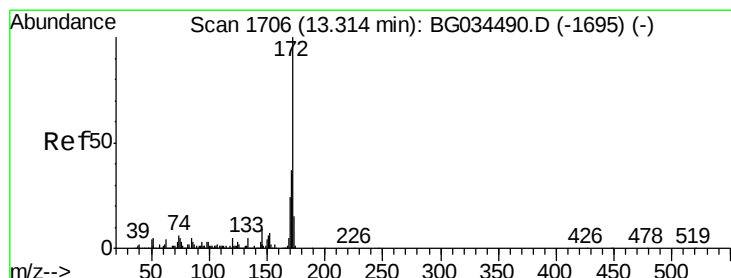
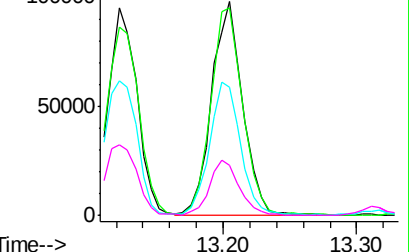
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



Time-->



#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

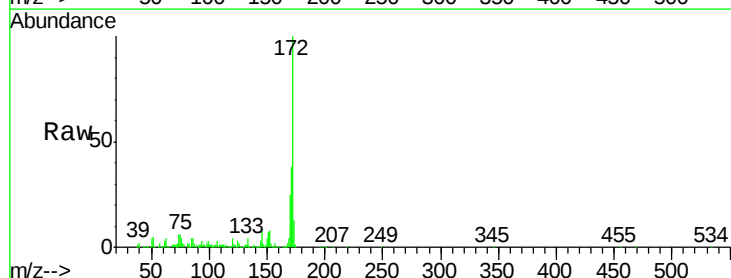
Tgt Ion:172 Resp: 870083

Ion Ratio Lower Upper

172 100

171 38.4 30.0 45.0

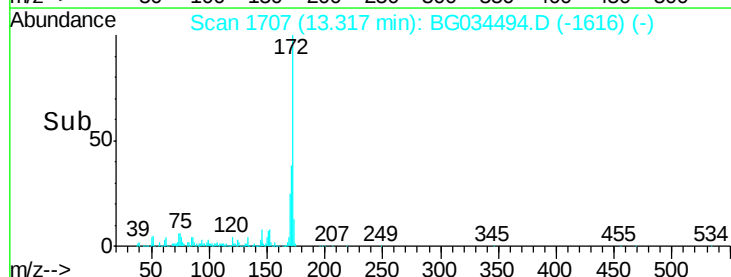
170 25.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

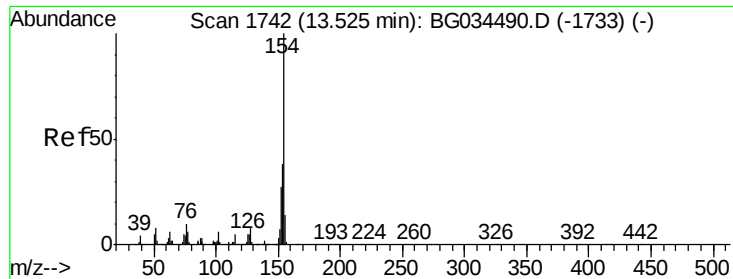
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#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

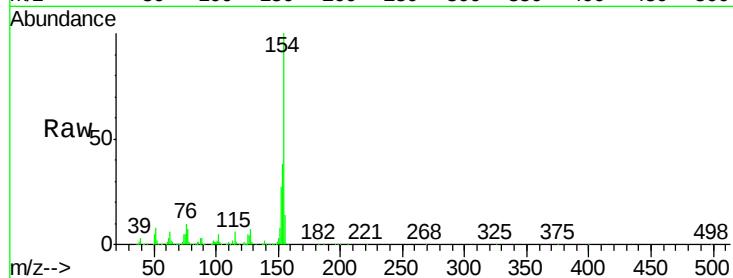
Tot Ion:154 Resp: 473319

Ion Ratio Lower Upper

154 100

153 37.6 19.8 59.8

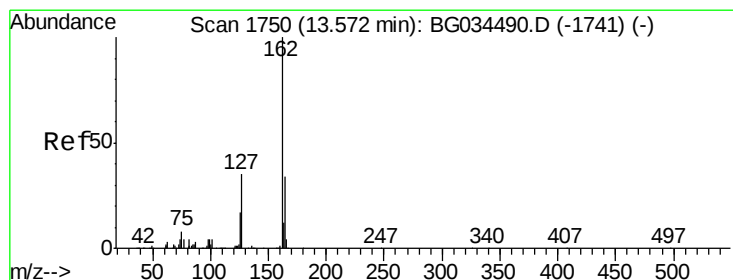
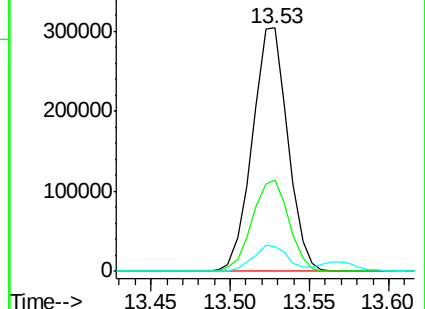
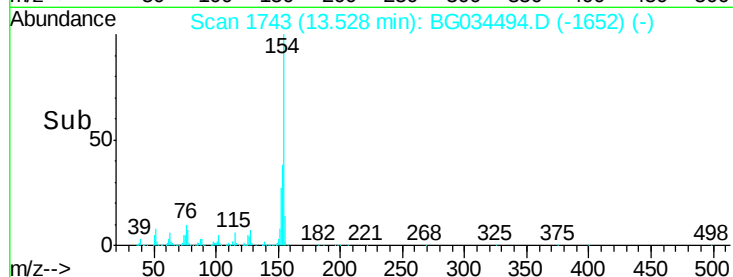
76 9.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 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

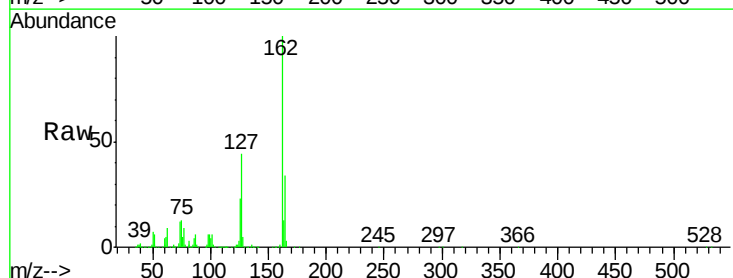
Tgt Ion:162 Resp: 368477

Ion Ratio Lower Upper

162 100

127 44.1 30.7 46.1

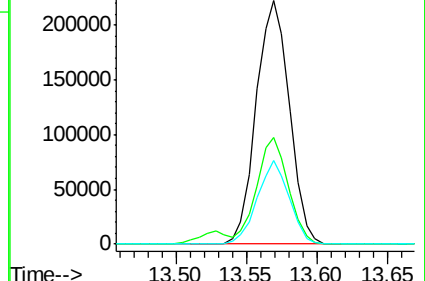
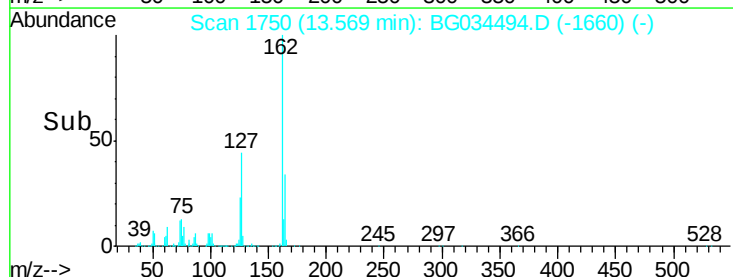
164 34.1 26.0 39.0

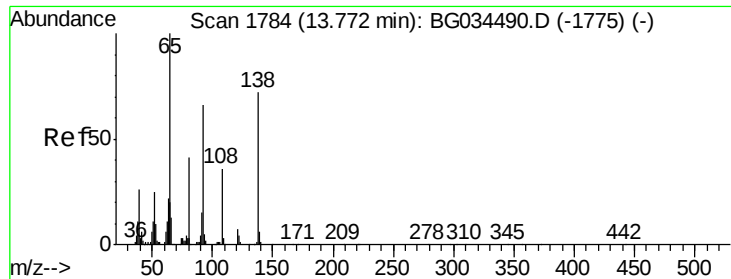


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

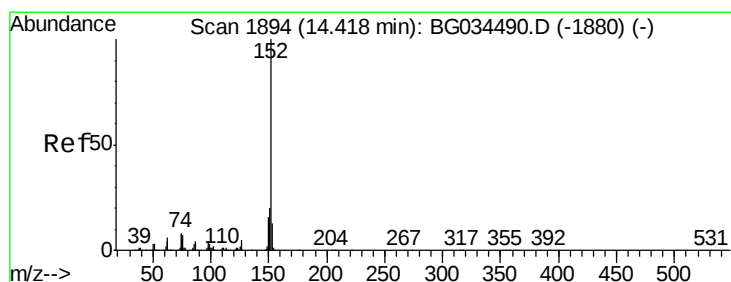
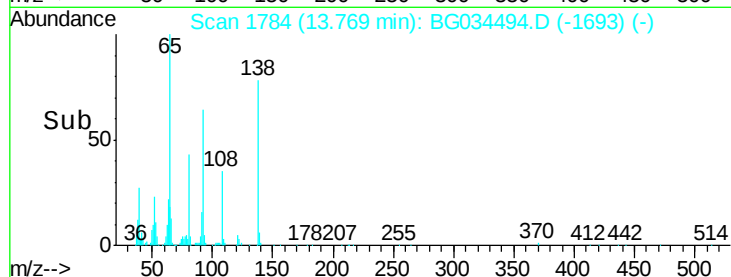
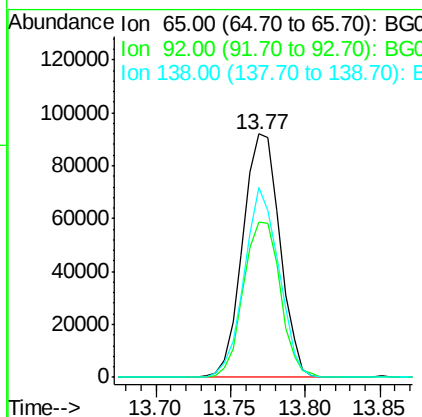
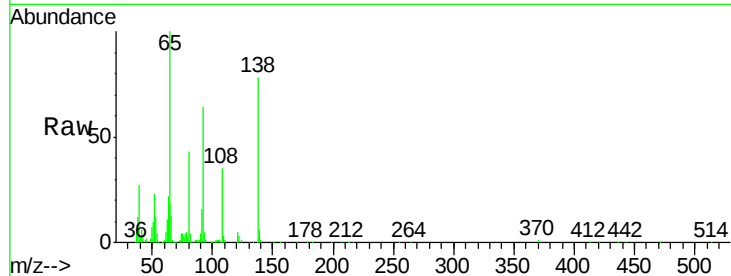




#47
2-Nitroaniline
Concen: 41.018 ng
RT: 13.77 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

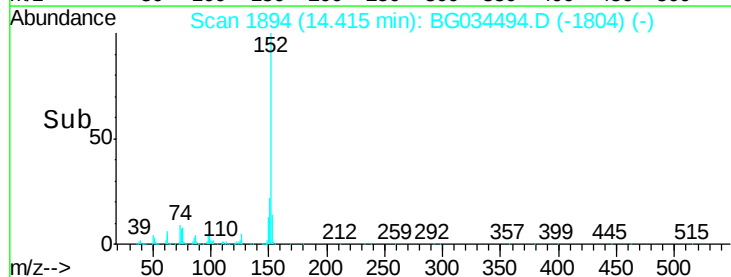
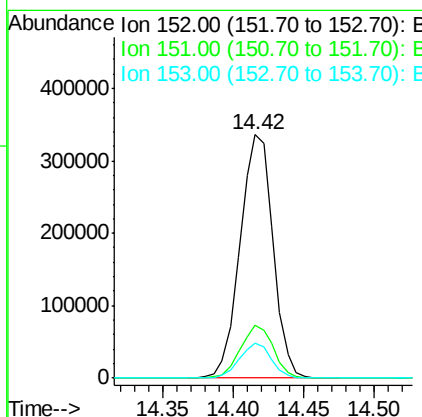
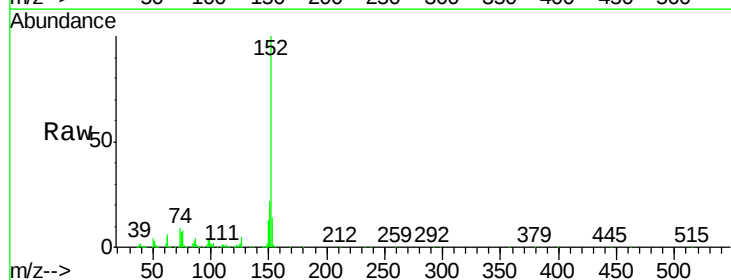
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

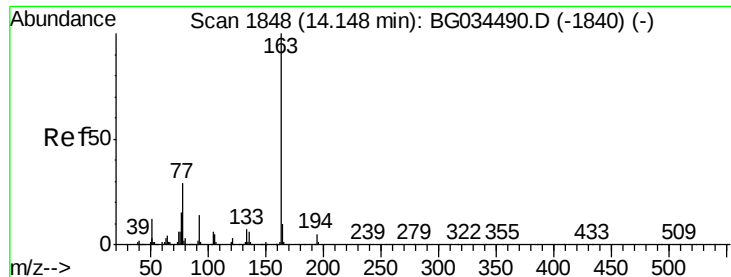
Tot Ion: 65 Resp: 158448
Ion Ratio Lower Upper
65 100
92 63.6 54.6 82.0
138 78.1 72.9 109.3



#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

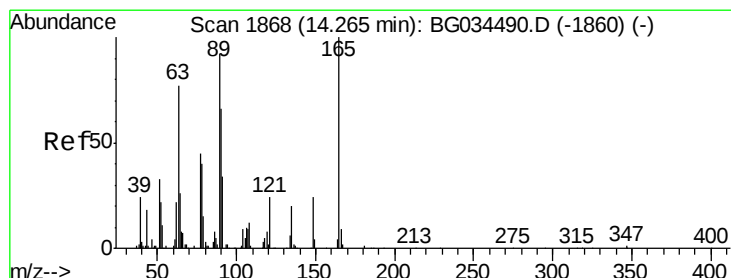
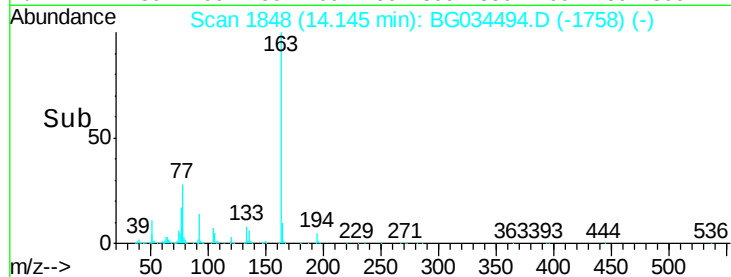
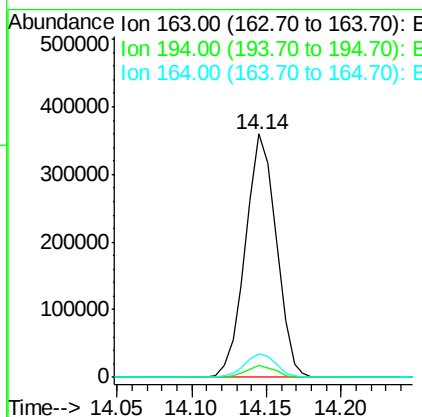
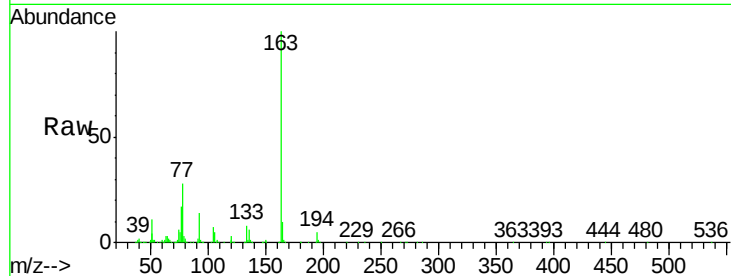




#49
Dimethylphthalate
Concen: 39.095 ng
RT: 14.14 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

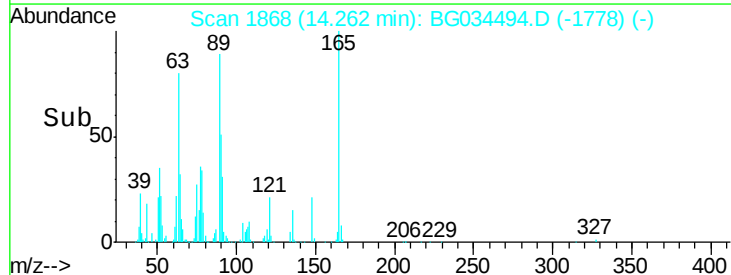
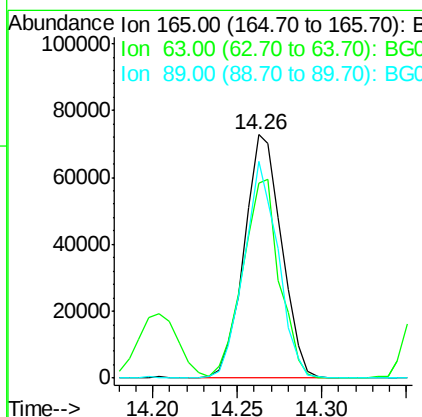
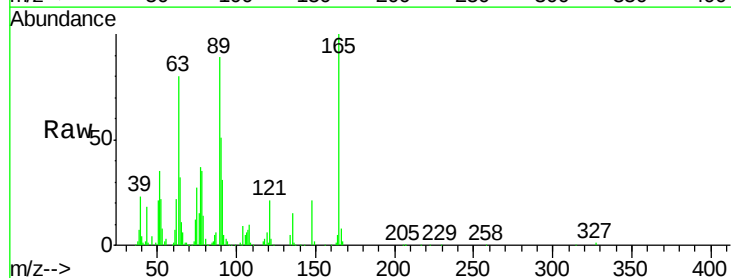
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

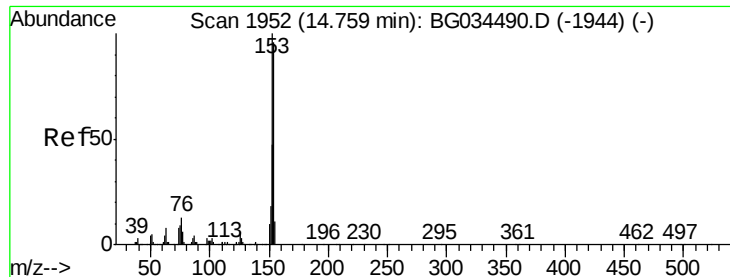
Tot Ion:163 Resp: 514671
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 9.8 8.2 12.4



#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#





#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

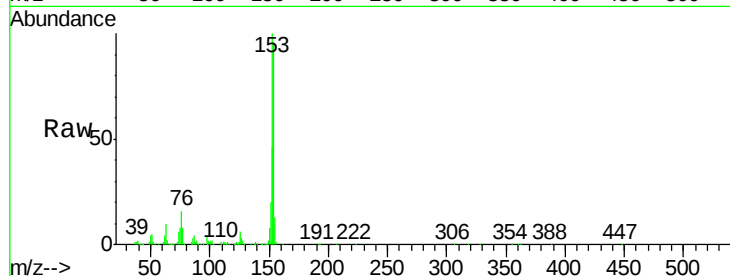
Tot Ion:154 Resp: 357362

Ion Ratio Lower Upper

154 100

153 104.6 90.4 135.6

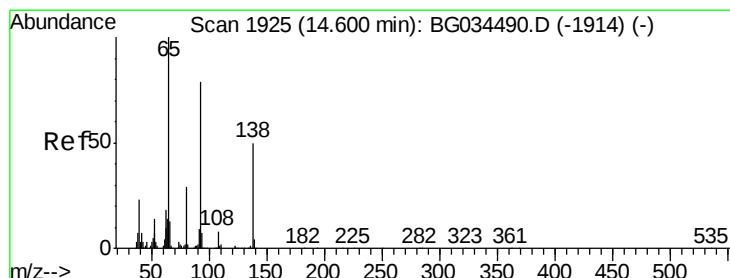
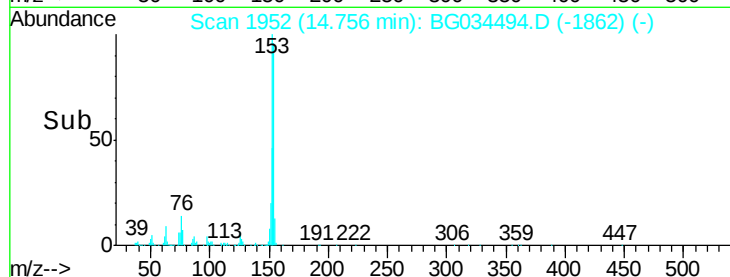
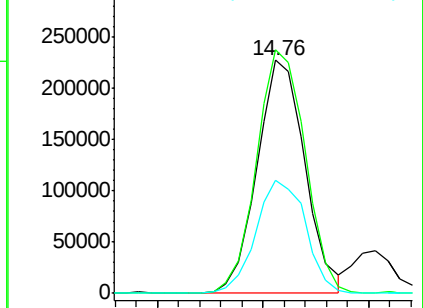
152 48.4 41.6 62.4



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

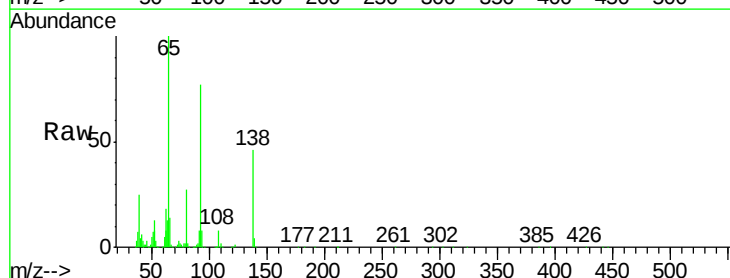
Tgt Ion:138 Resp: 96428

Ion Ratio Lower Upper

138 100

108 16.4 17.5 26.3#

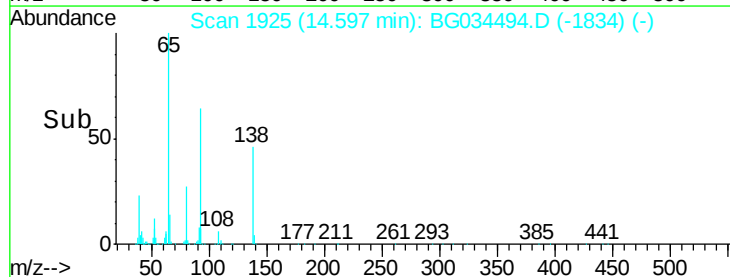
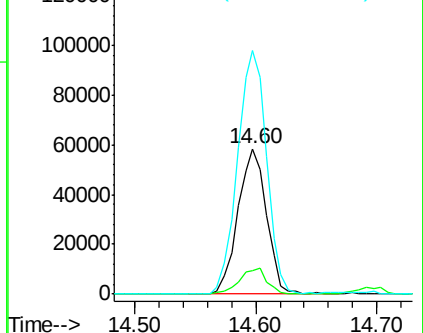
92 167.4 105.8 158.8#

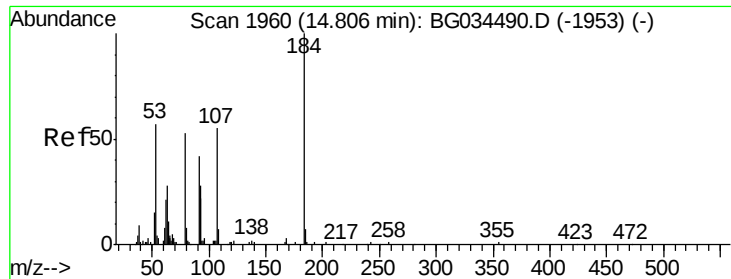


Abundance Ion 138.00 (137.70 to 138.70): E

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

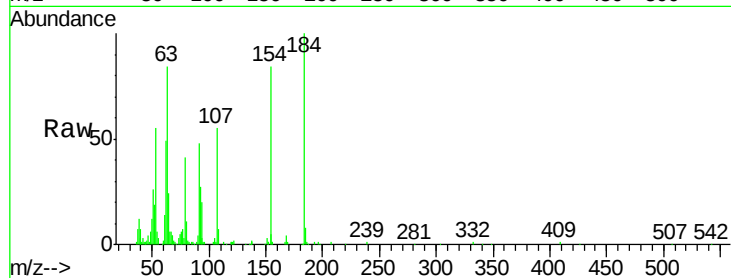
Tot Ion:184 Resp: 73501

Ion Ratio Lower Upper

184 100

63 83.8 59.8 89.8

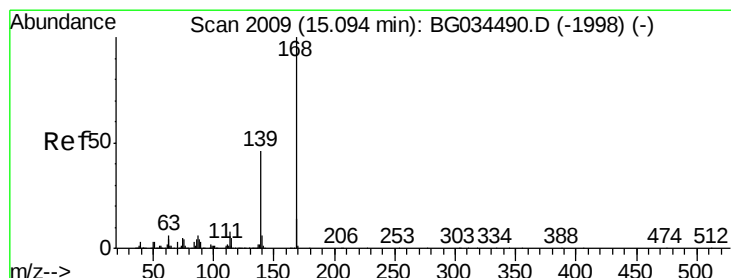
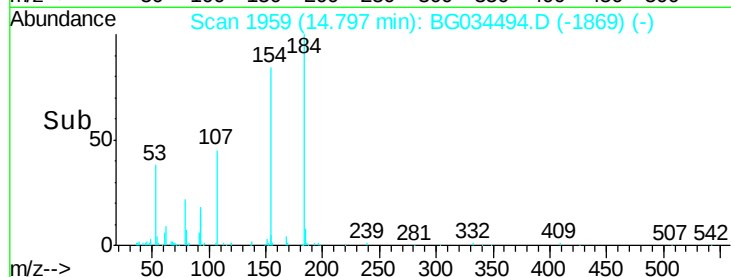
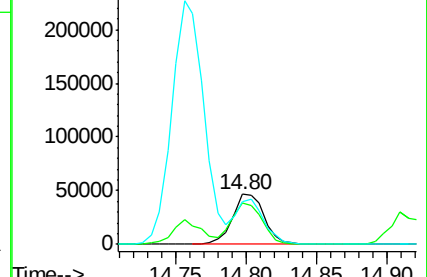
154 84.5 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

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

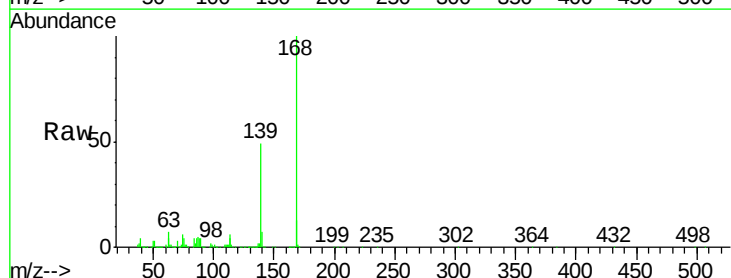
Tgt Ion:168 Resp: 597458

Ion Ratio Lower Upper

168 100

139 48.6 28.6 43.0#

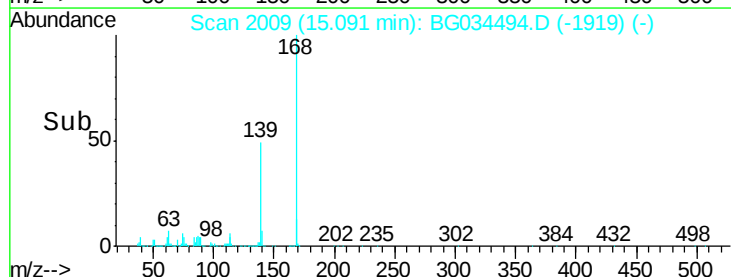
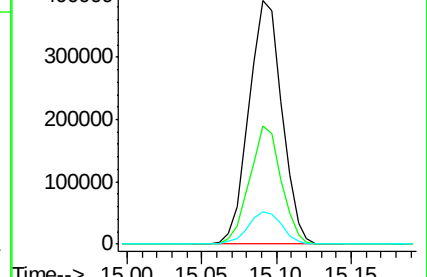
169 13.5 11.2 16.8

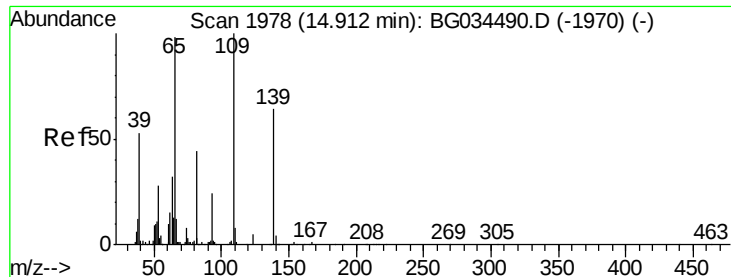


Abundance Ion 168.00 (167.70 to 168.70): E

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

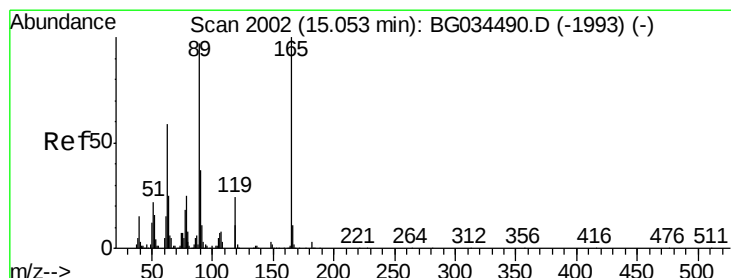
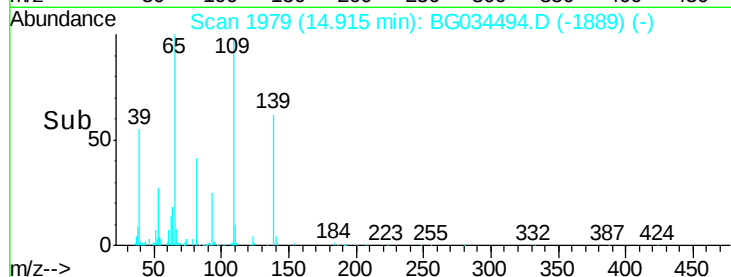
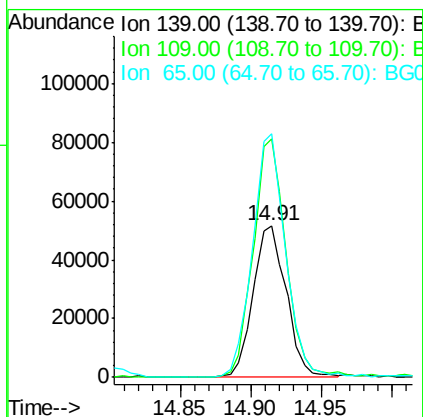
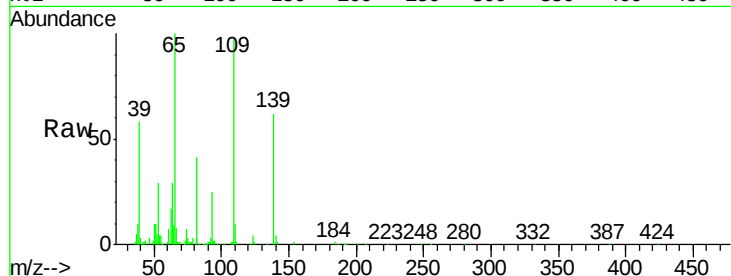
Tot Ion:139 Resp: 85328

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

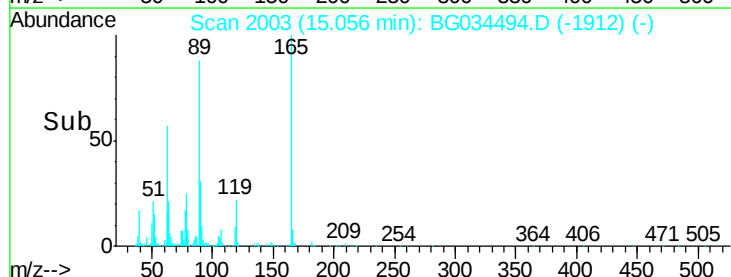
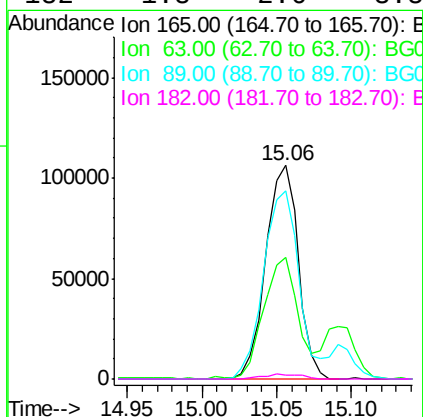
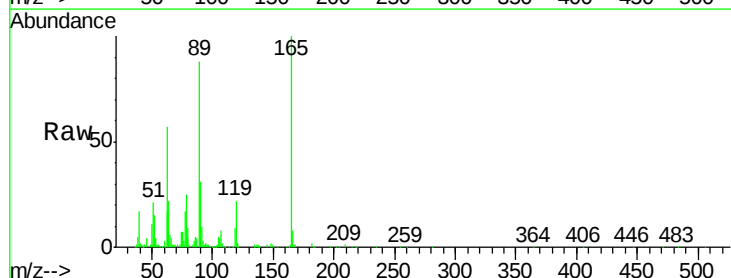
Ion Ratio Lower Upper

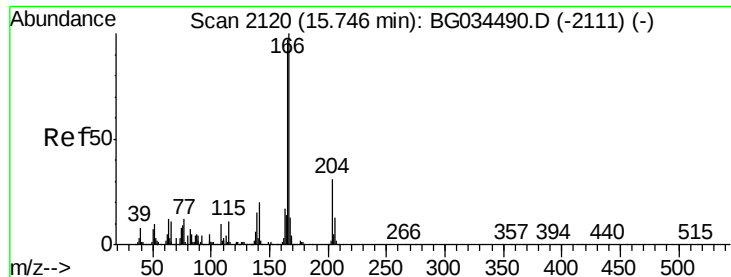
165 100

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

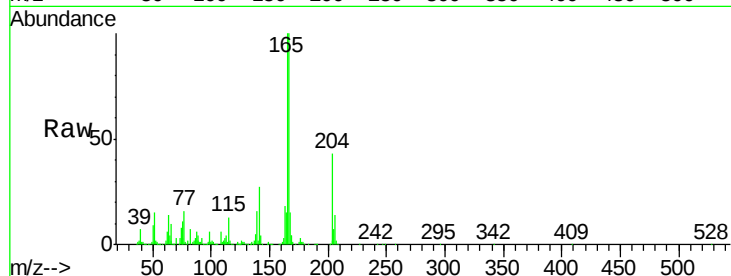
Tot Ion:166 Resp: 469450

Ion Ratio Lower Upper

166 100

165 100.2 80.6 121.0

167 15.2 10.4 15.6

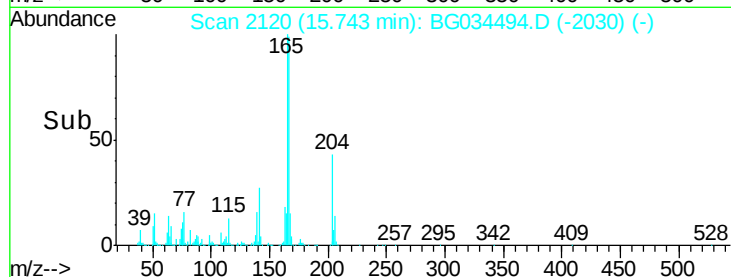


Abundance Ion 166.00 (165.70 to 166.70): E

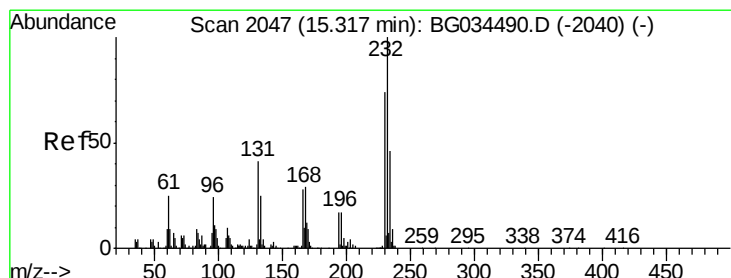
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time--> 15.65 15.70 15.75 15.80



Time--> 15.65 15.70 15.75 15.80



#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

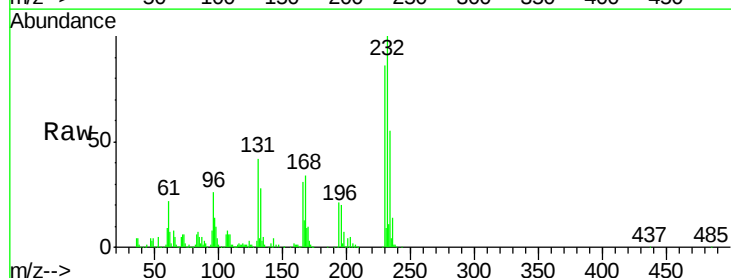
Ion Ratio Lower Upper

232 100

131 40.9 33.5 50.3

130 2.3 2.2 3.2

166 28.6 24.8 37.2



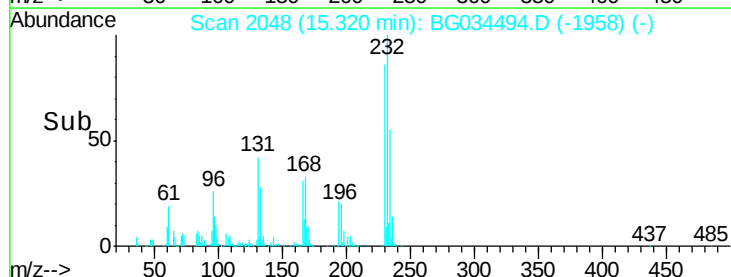
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

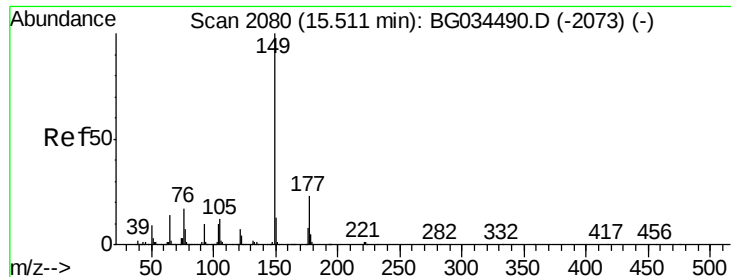
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time--> 15.25 15.30 15.35



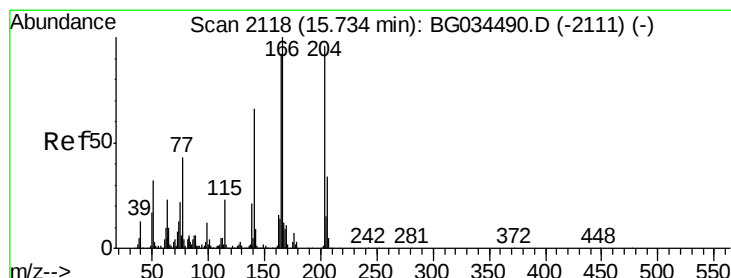
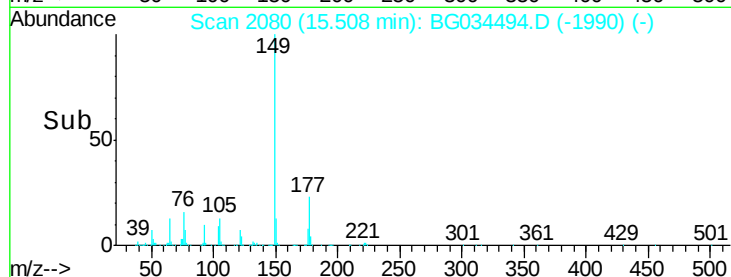
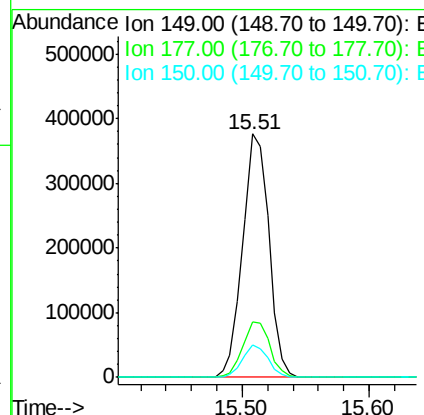
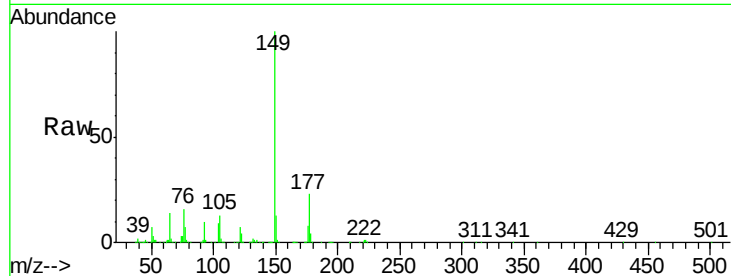
Time--> 15.25 15.30 15.35



#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

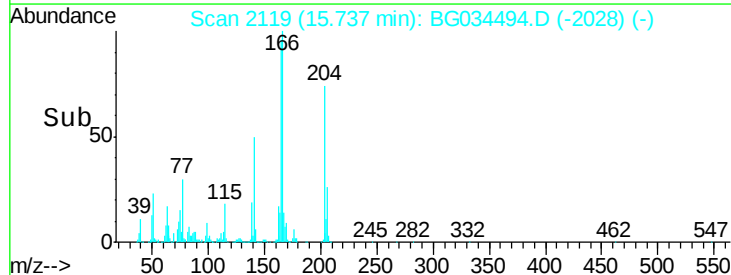
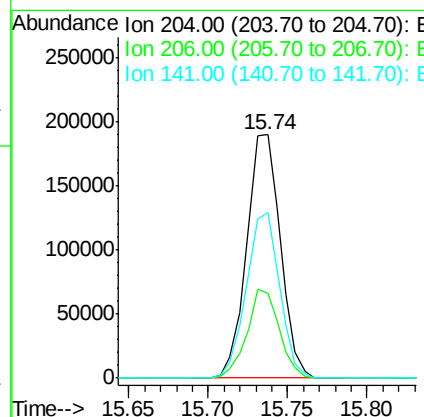
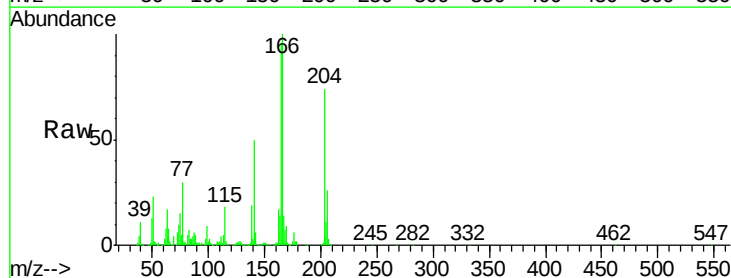
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

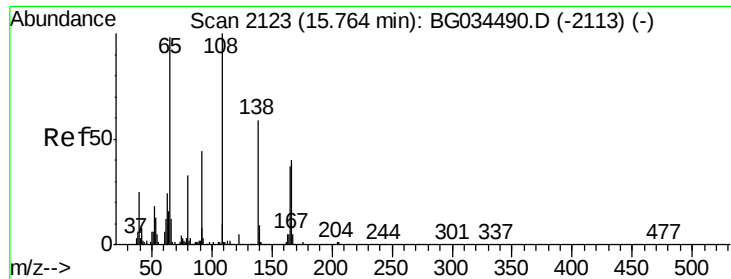
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.5	27.7
150	13.2	10.2	15.2



#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	Ratio	Lower	Upper
204	100		
206	35.0	26.2	39.2
141	68.0	45.8	68.6

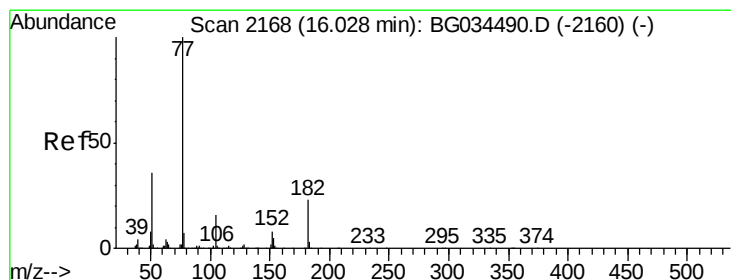
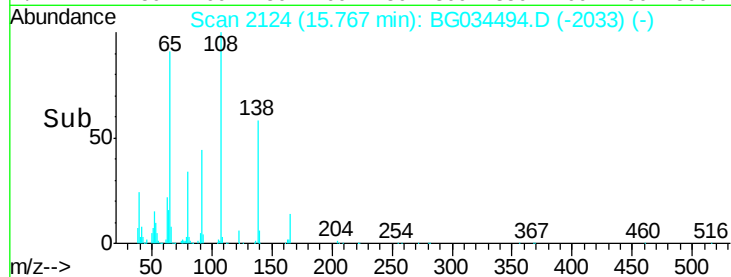
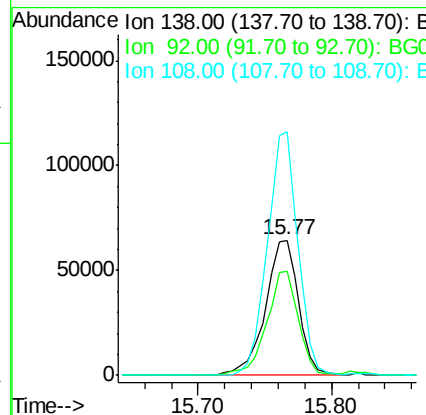
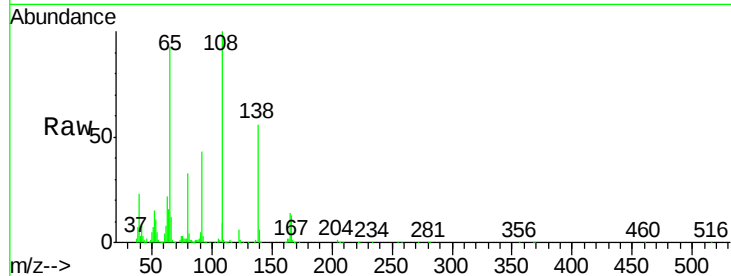




#61
4-Nitroaniline
Concen: 39.211 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

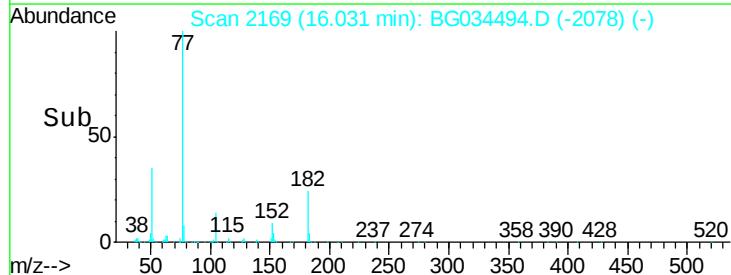
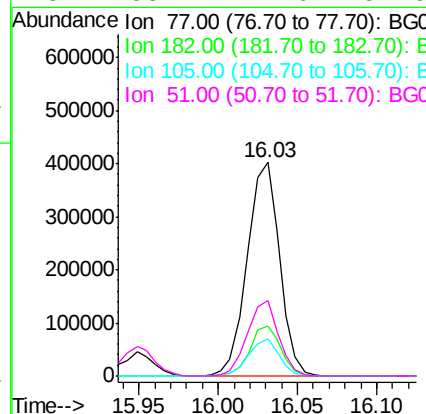
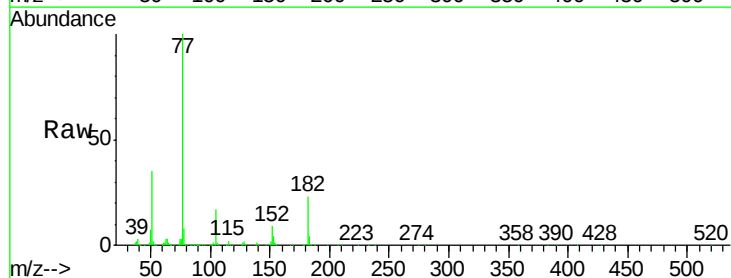
Instrument :
BNA_G
ClientSampled :
ICVBG051618

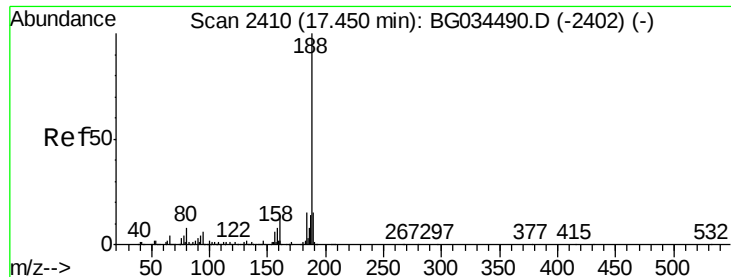
Tot Ion:138 Resp: 110914
Ion Ratio Lower Upper
138 100
92 76.5 40.1 80.1
108 179.8 65.4 105.4#



#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

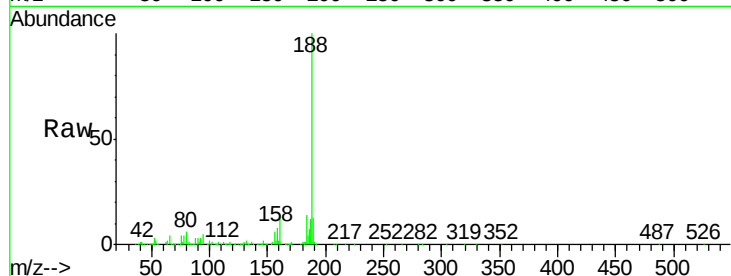
Tot Ion:188 Resp: 371156

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

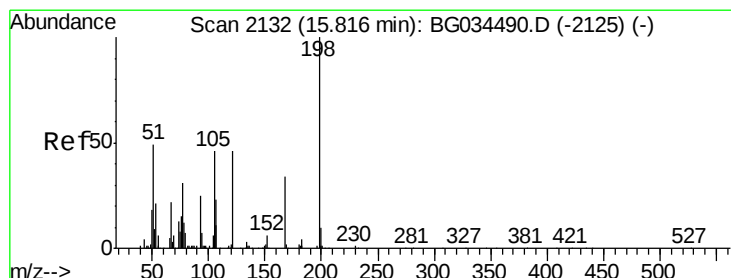
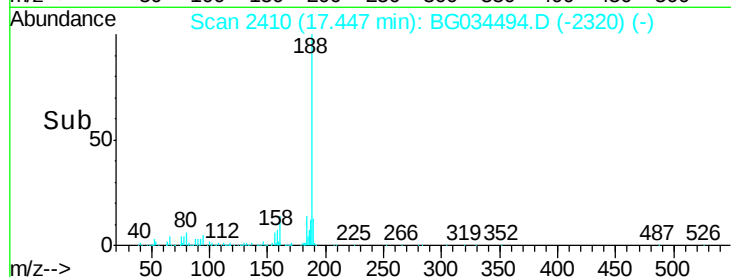
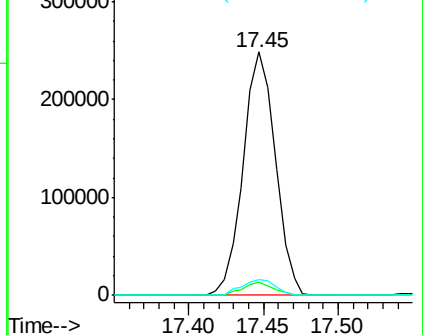
80 6.5 7.7 11.5#



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

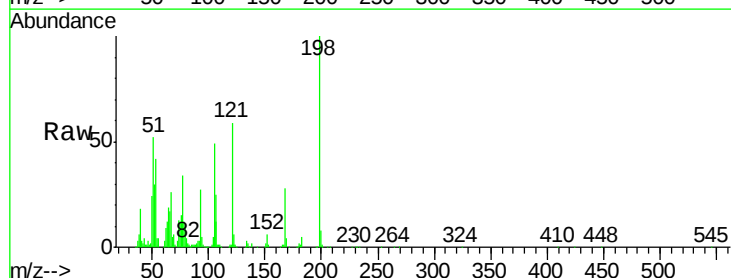
Tgt Ion:198 Resp: 95377

Ion Ratio Lower Upper

198 100

51 52.4 30.6 70.6

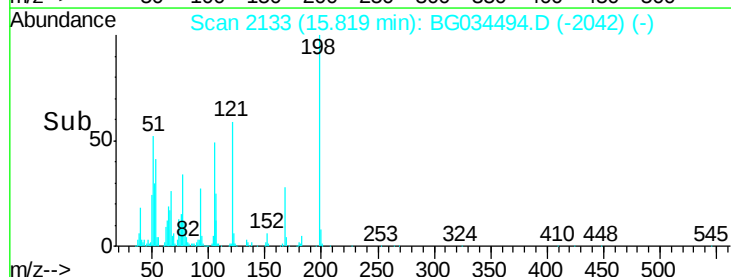
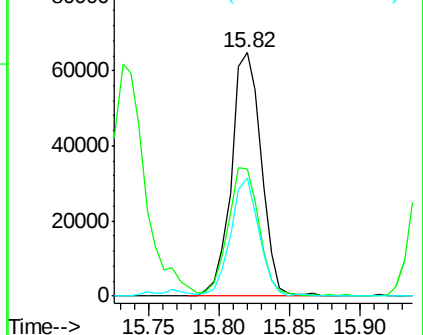
105 48.7 23.8 63.8

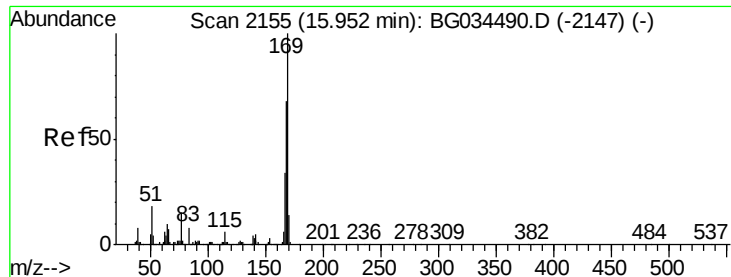


Abundance Ion 198.00 (197.70 to 198.70): E

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

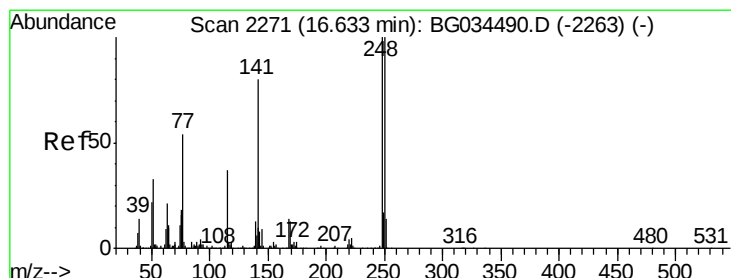
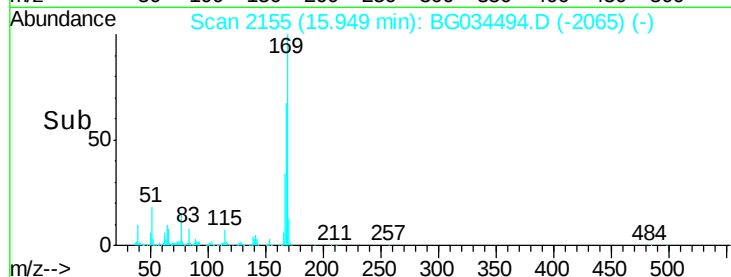
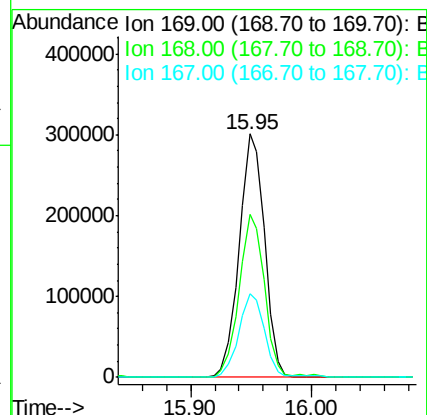
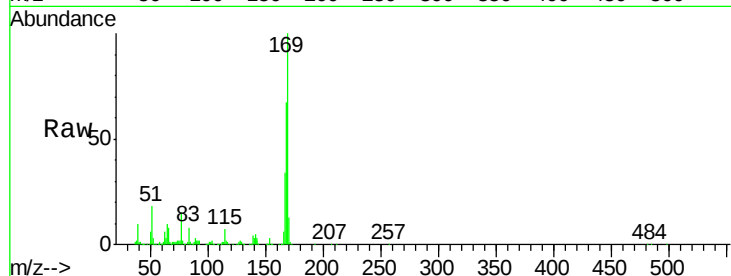
Tot Ion:169 Resp: 440178

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

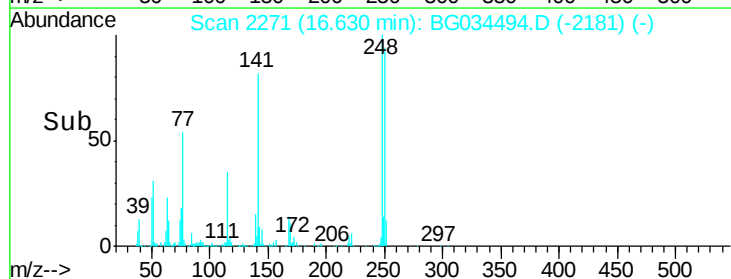
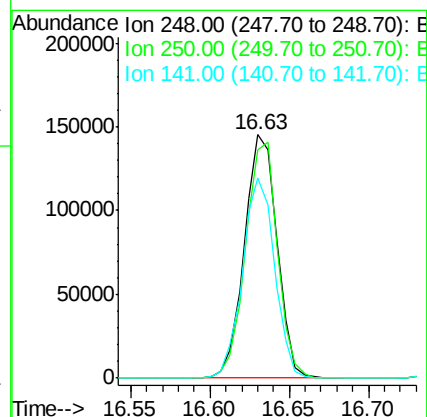
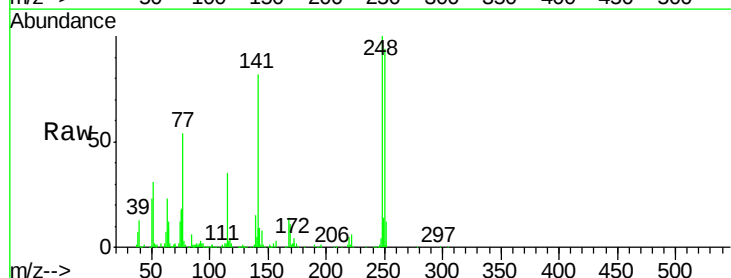
Tgt Ion:248 Resp: 207048

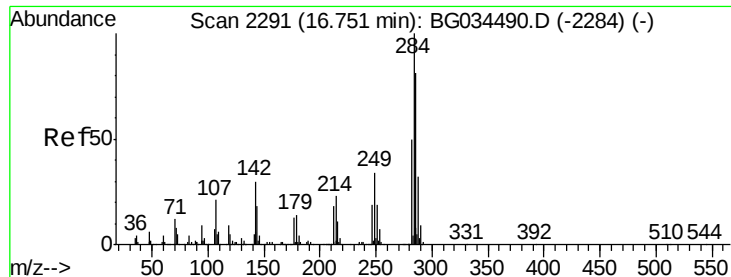
Ion Ratio Lower Upper

248 100

250 93.6 77.1 115.7

141 82.1 50.8 76.2#

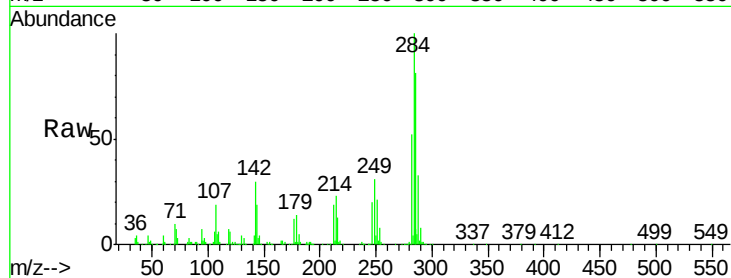




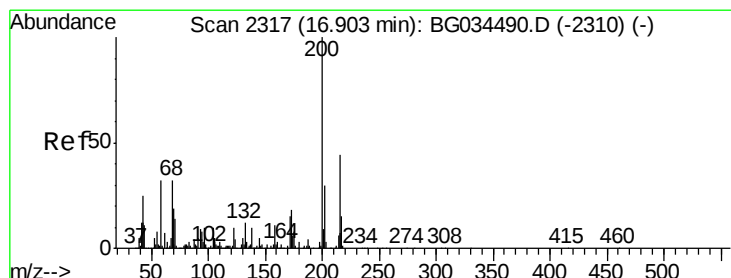
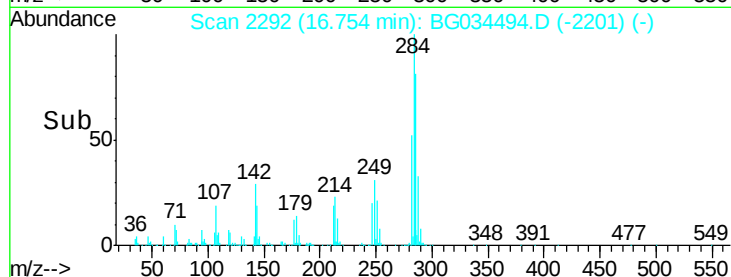
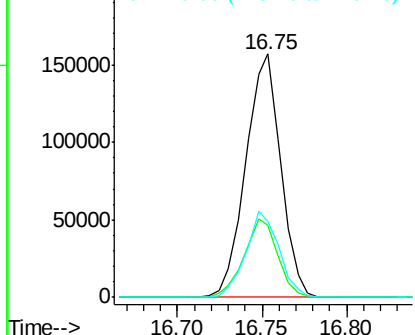
#67
Hexachlorobenzene
Concen: 41.756 ng
RT: 16.75 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

Instrument :
BNA_G
ClientSampleId :
ICVBG051618

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.7	26.8	40.2
249	31.2	26.3	39.5

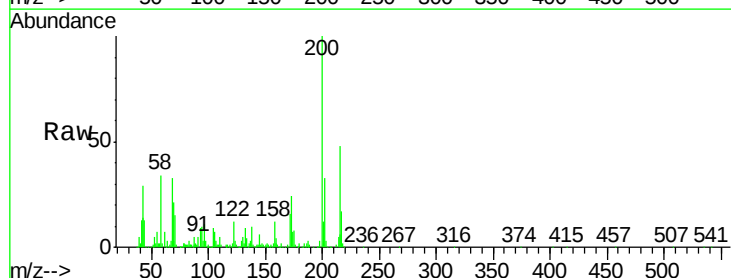


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

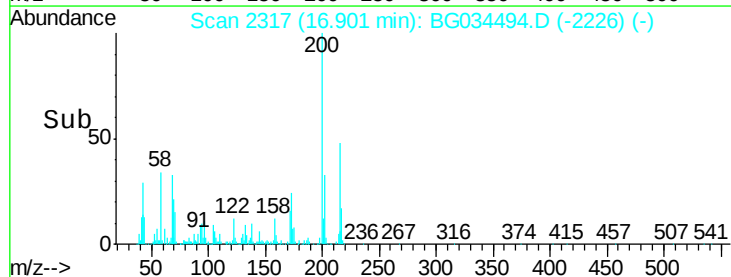
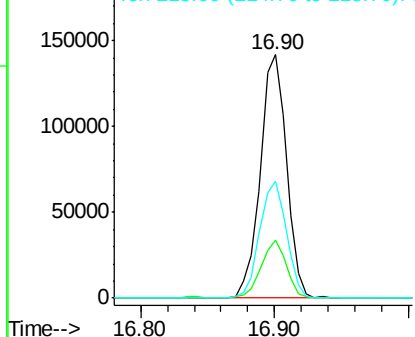


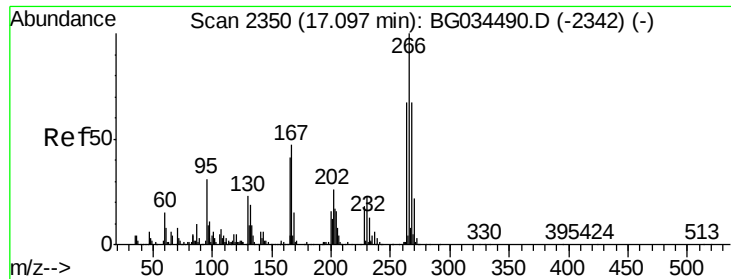
#68
Atrazine
Concen: 39.993 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

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



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

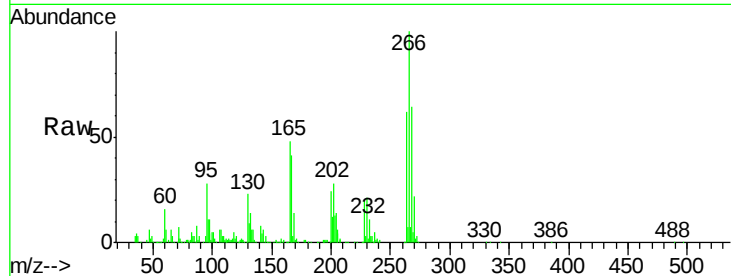




#69
 Pentachlorophenol
 Concen: 43.128 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	61.6	49.6	74.4

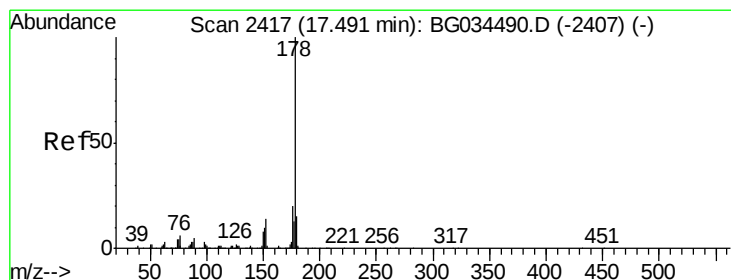
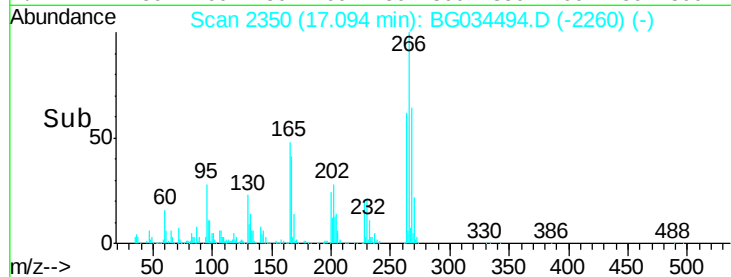
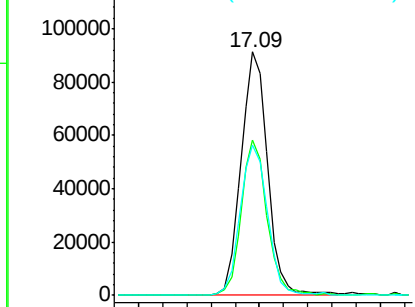


Abundance

Ion 265.70 (265.40 to 266.40): E

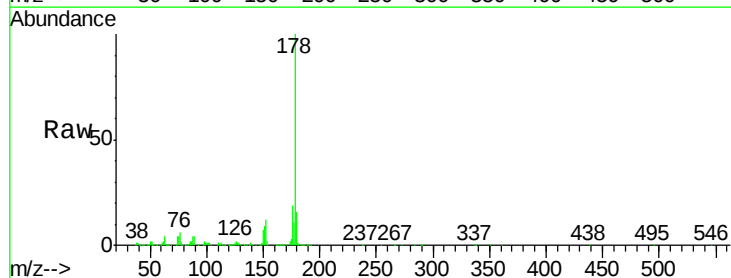
Ion 268.00 (267.70 to 268.70): E

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	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.5	18.7

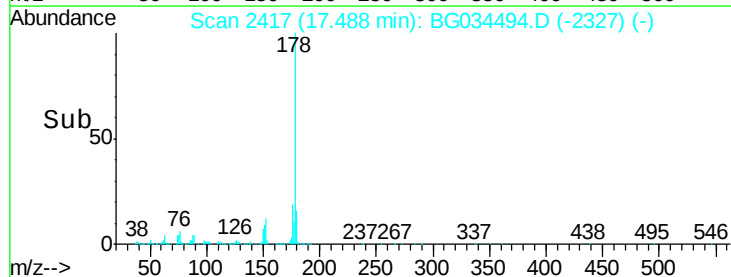
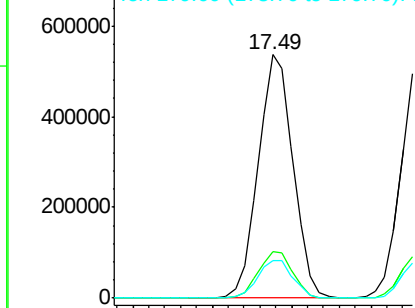


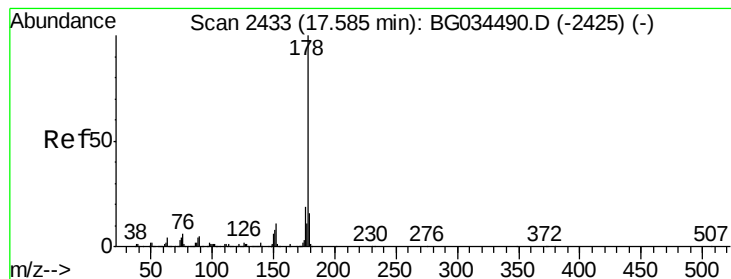
Abundance

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

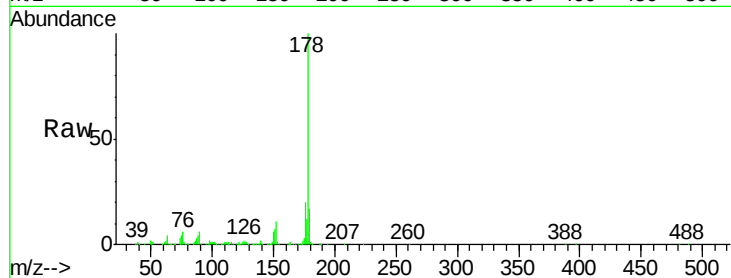
Tot Ion:178 Resp: 822779

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

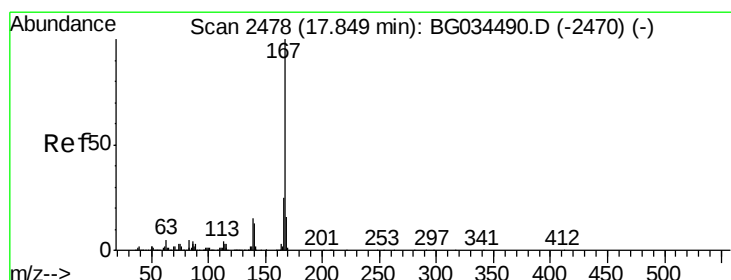
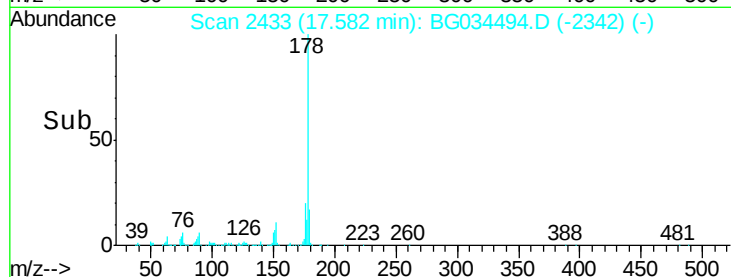
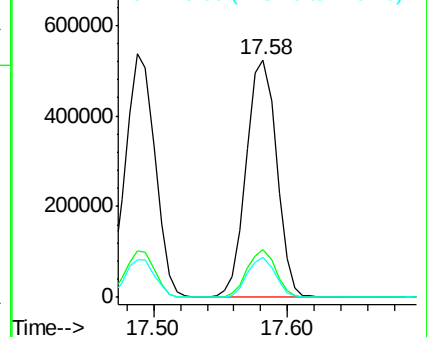
179 17.0 12.5 18.7



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

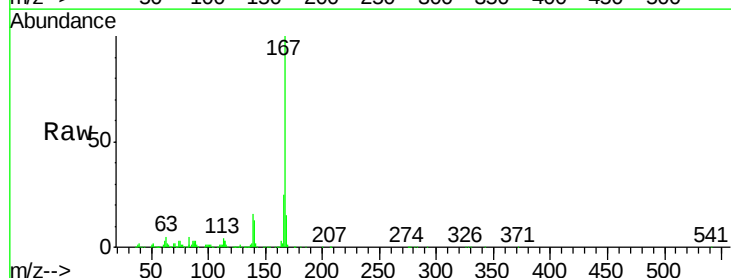
Tgt Ion:167 Resp: 674294

Ion Ratio Lower Upper

167 100

166 25.3 18.2 27.4

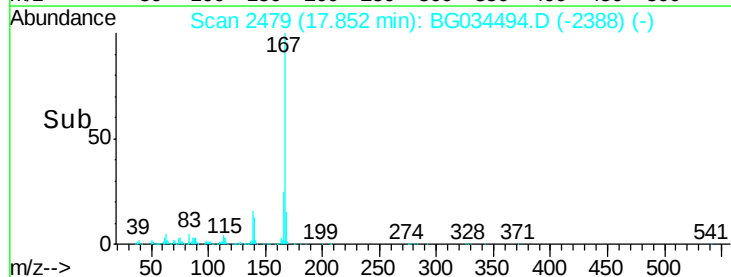
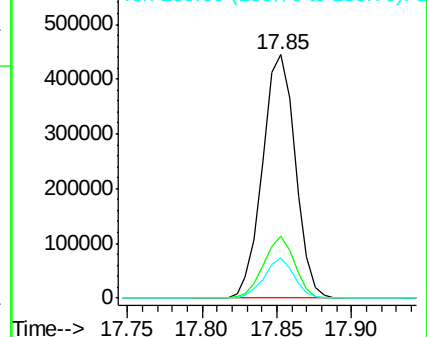
139 16.3 9.4 14.2#

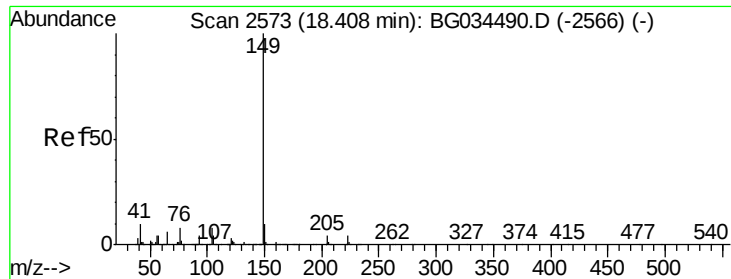


Abundance Ion 167.00 (166.70 to 167.70): E

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

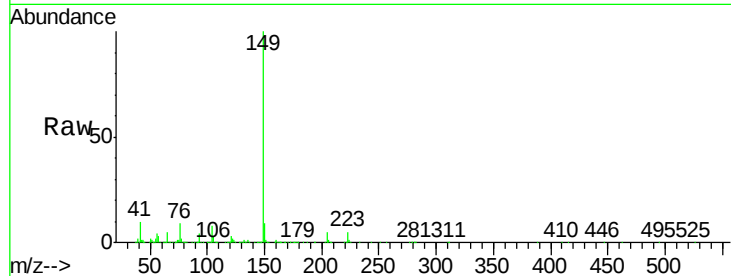
Tot Ion:149 Resp: 840459

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

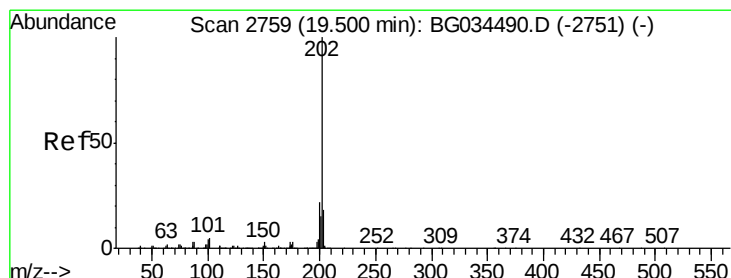
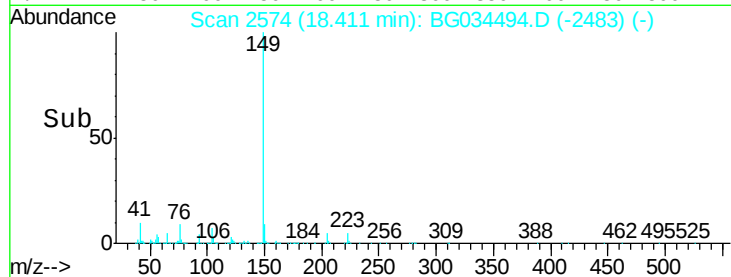
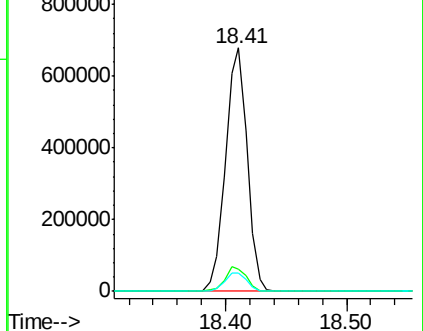
104 7.5 3.9 5.9#



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

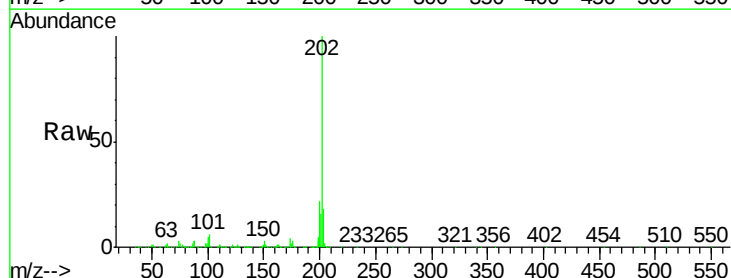
Tgt Ion:202 Resp: 993729

Ion Ratio Lower Upper

202 100

101 6.1 0.0 28.9

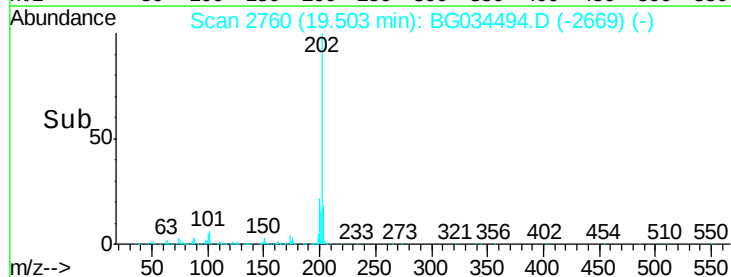
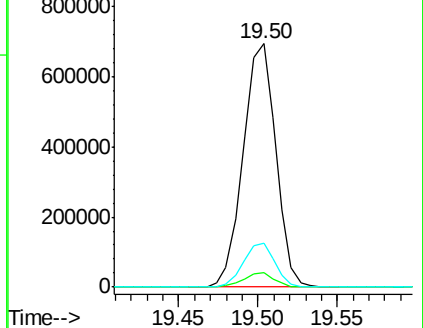
203 18.1 0.0 37.5

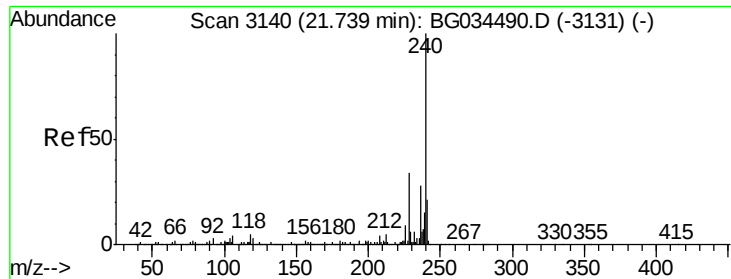


Abundance Ion 202.00 (201.70 to 202.70): E

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

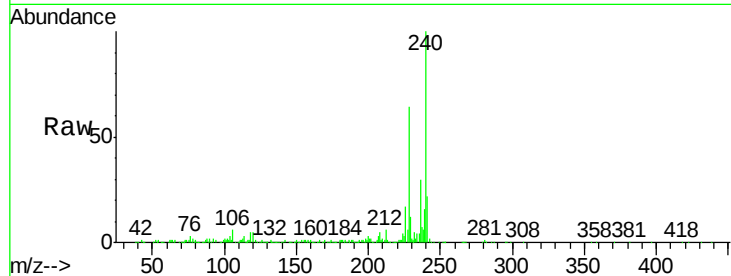
Tot Ion:240 Resp: 378873

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

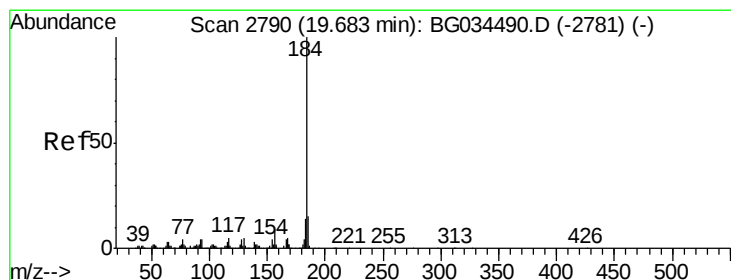
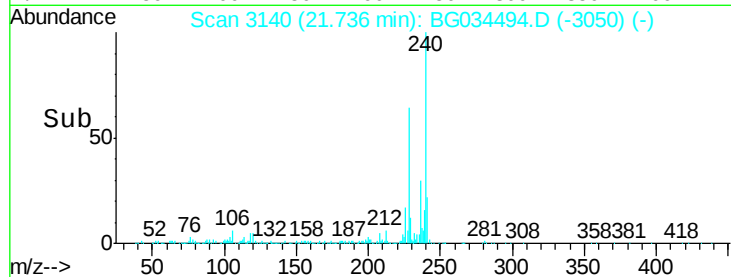
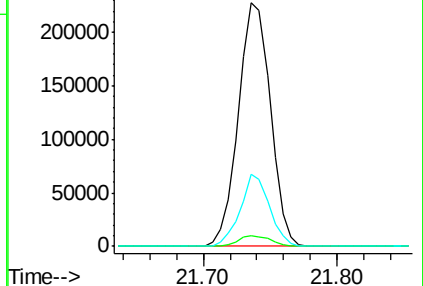
236 29.7 20.9 31.3



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

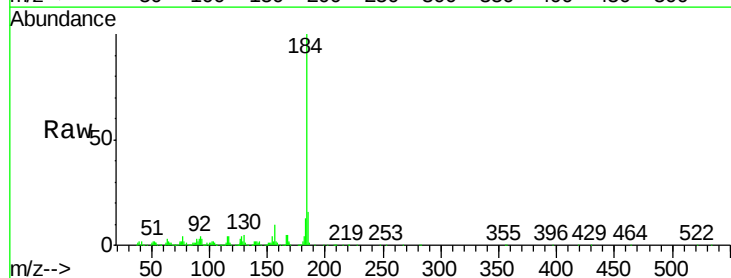
Tgt Ion:184 Resp: 439784

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

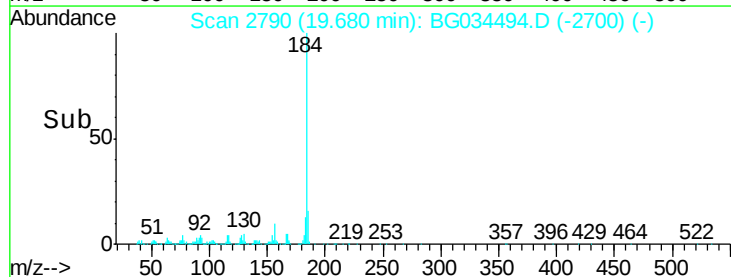
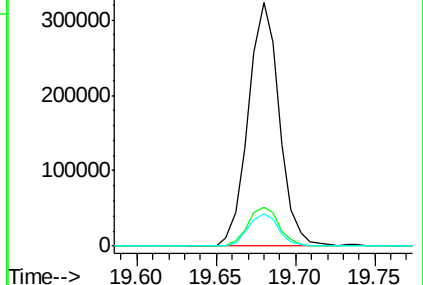
183 13.3 10.6 16.0

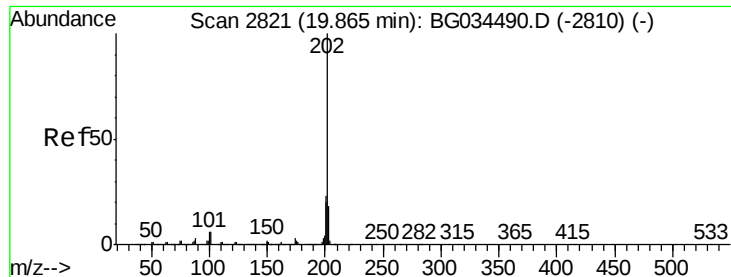


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

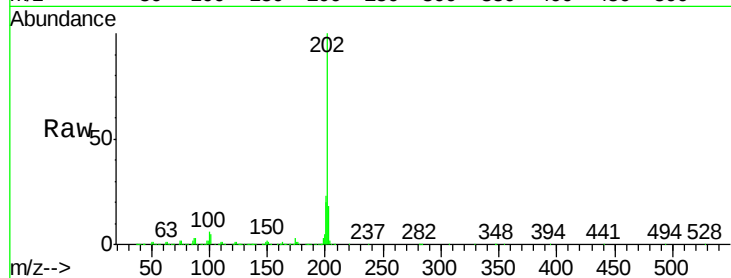
Tot Ion:202 Resp: 966235

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

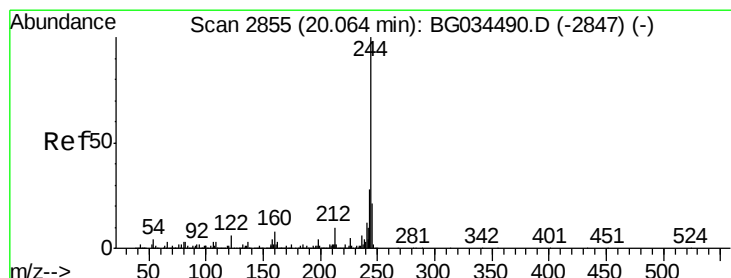
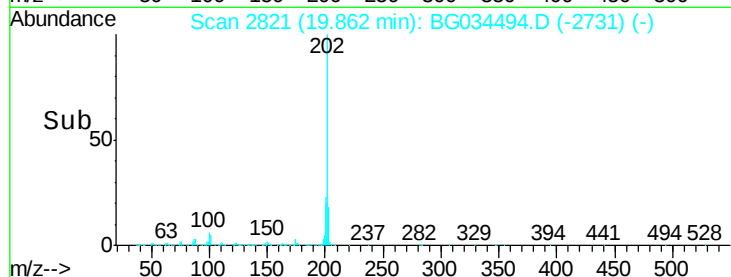
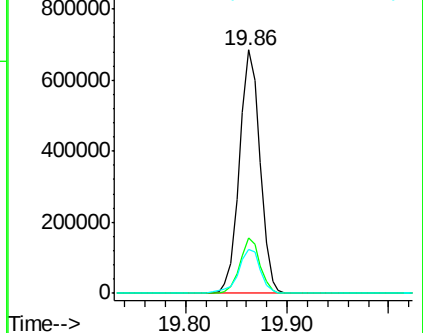
203 17.9 13.9 20.9



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

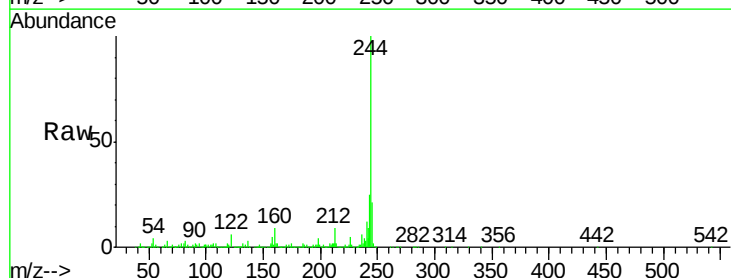
Tgt Ion:244 Resp: 1427766

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

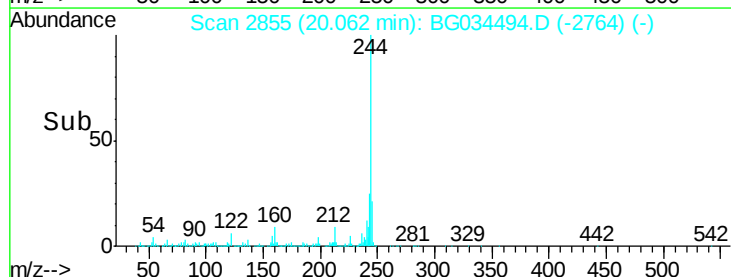
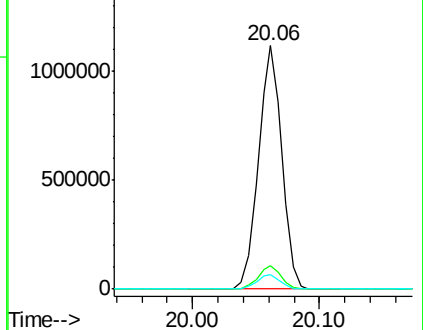
122 6.2 7.0 10.4#

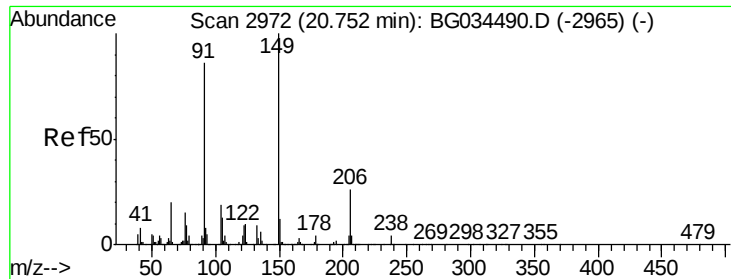


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

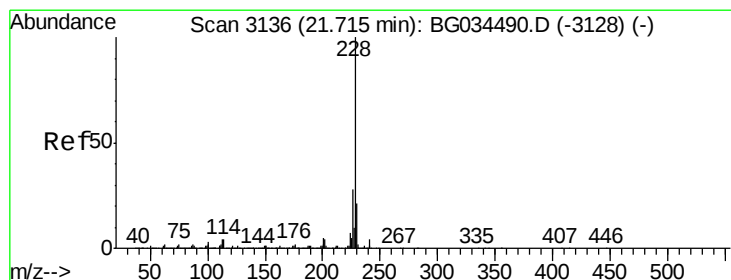
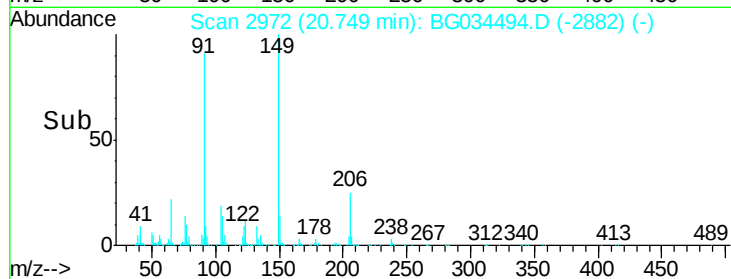
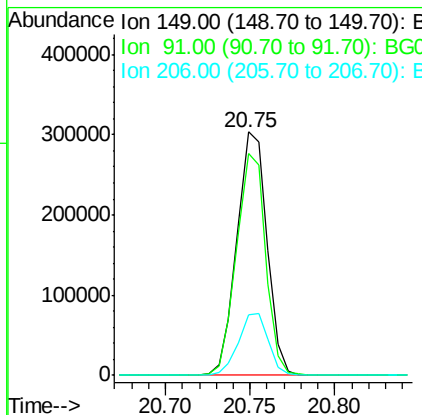
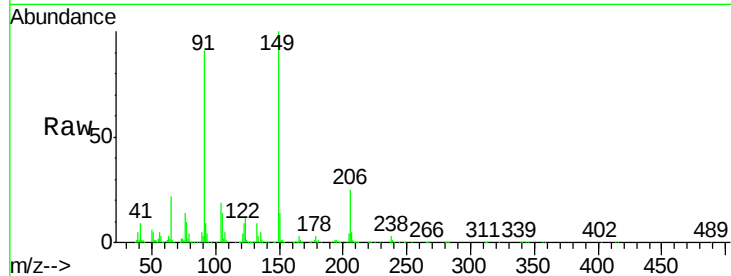




#79
Butylbenzylphthalate
Concen: 41.230 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BG034494.D
Acq: 16 May 2018 18:44

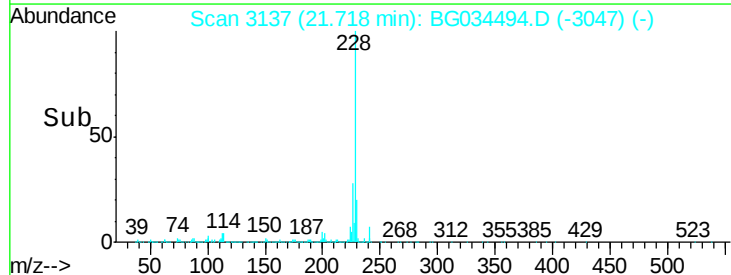
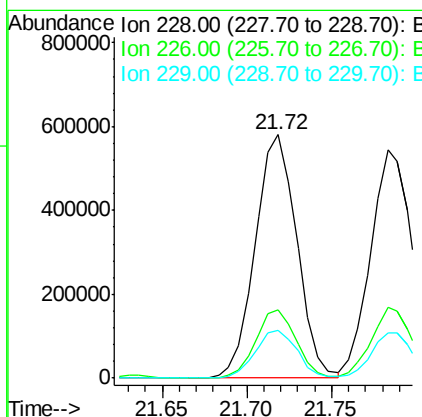
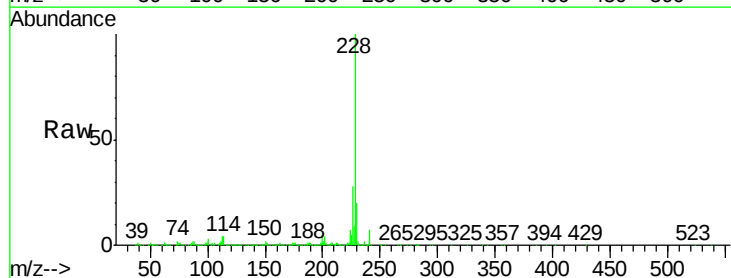
Instrument :
BNA_G
ClientSampleId :
ICVBG051618

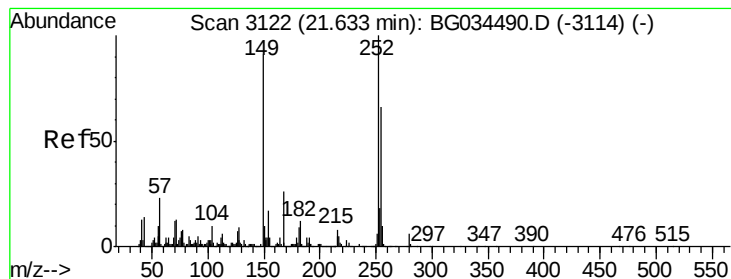
Tot Ion:149 Resp: 377007
Ion Ratio Lower Upper
149 100
91 91.3 62.2 93.2
206 24.7 18.6 27.8



#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

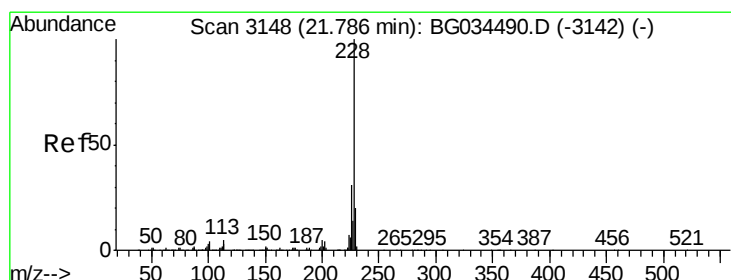
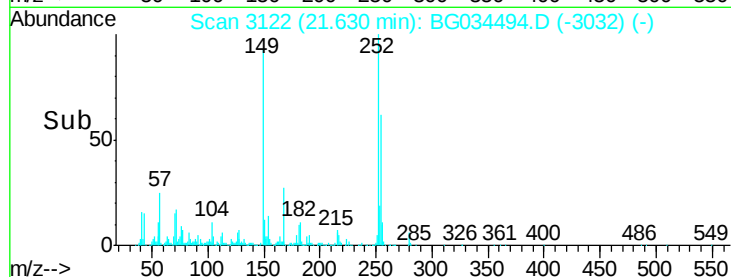
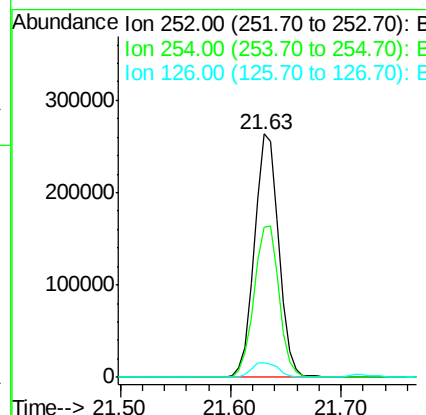
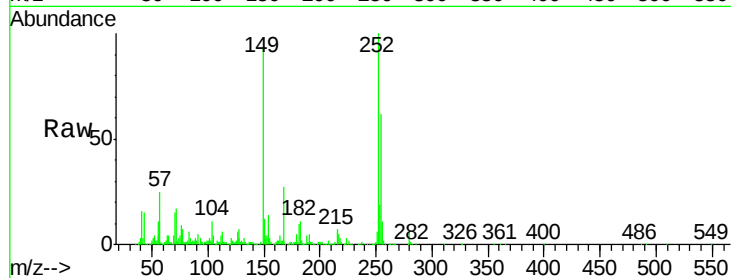




#81
 3,3'-Dichlorobenzidine
 Concen: 42.514 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

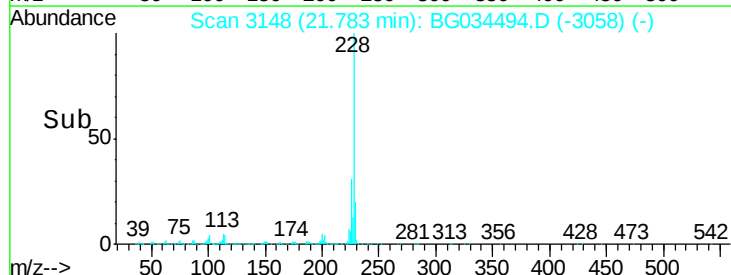
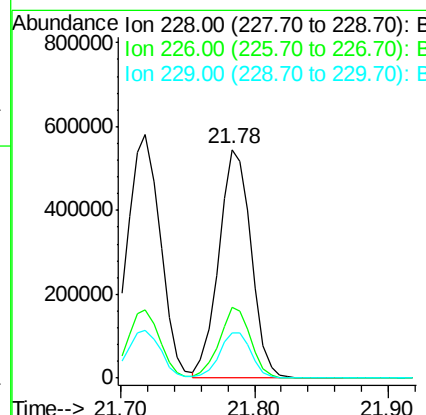
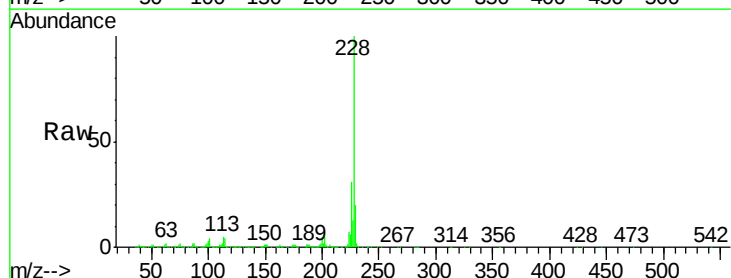
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

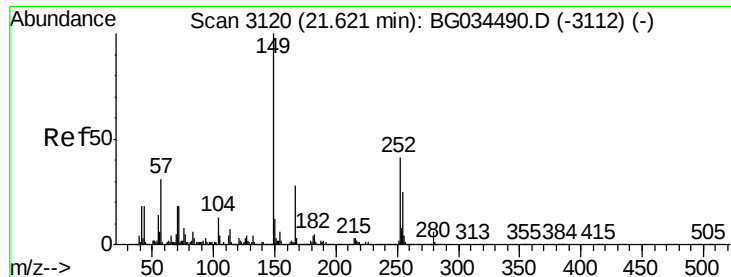
Tot Ion:252 Resp: 407089
 Ion Ratio Lower Upper
 252 100
 254 61.6 50.8 76.2
 126 5.7 7.4 11.2#



#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

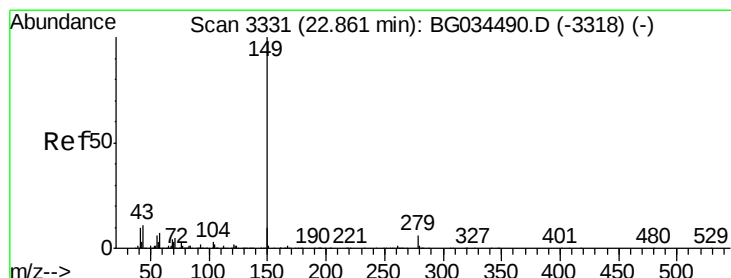
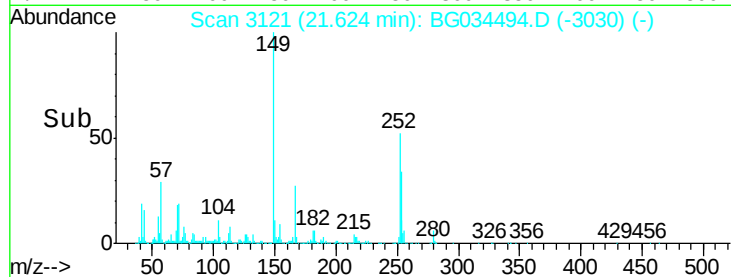
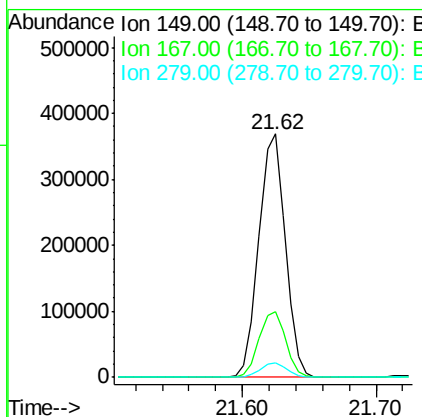
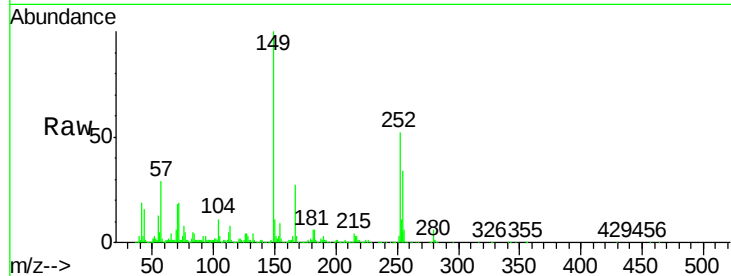




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.681 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BG034494.D
 Acq: 16 May 2018 18:44

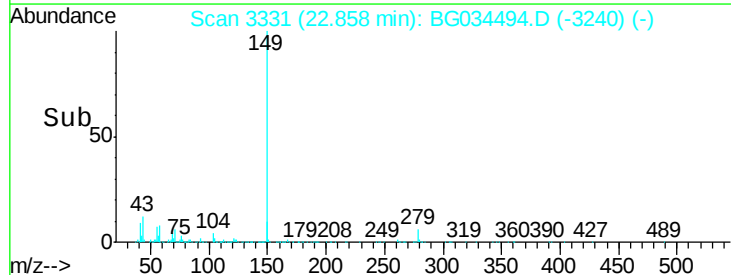
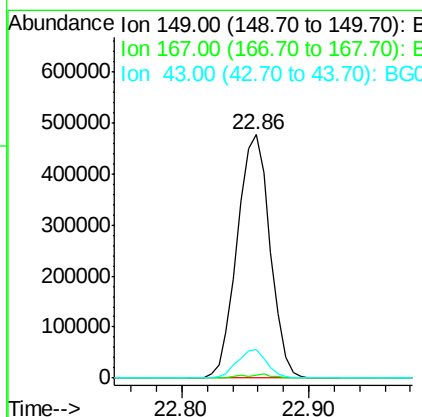
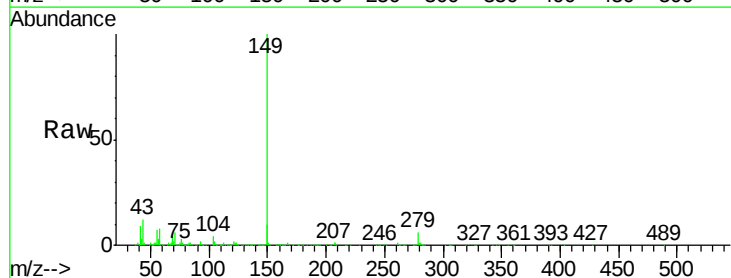
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051618

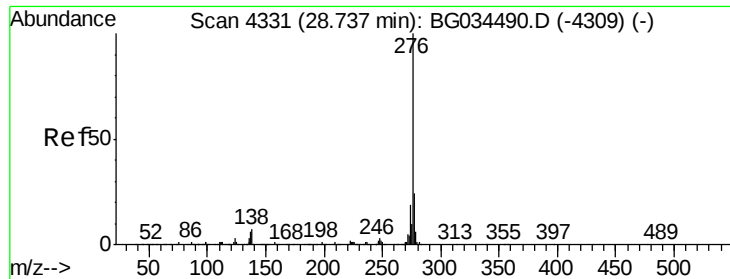
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.3	36.5
279	5.9	4.0	6.0



#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	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	10.8	8.9	13.3





#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

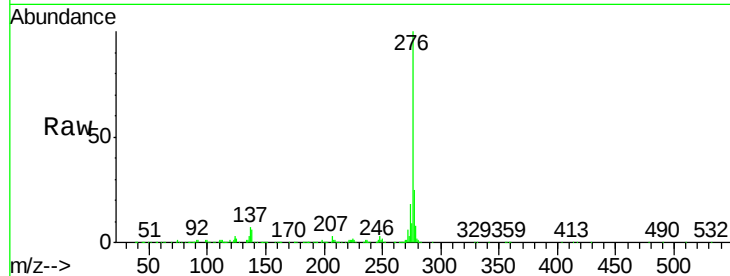
Tot Ion:276 Resp: 1182651

Ion Ratio Lower Upper

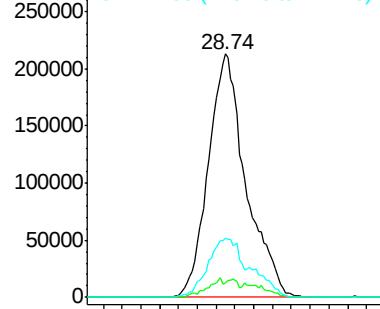
276 100

138 3.6 16.0 24.0#

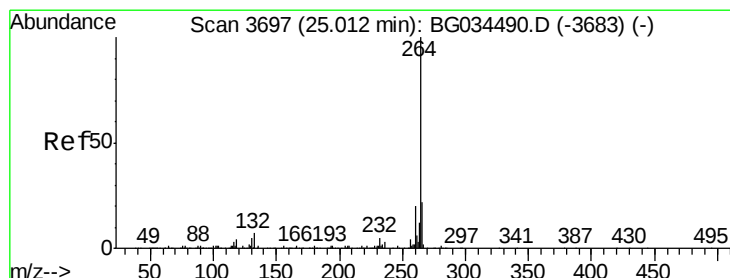
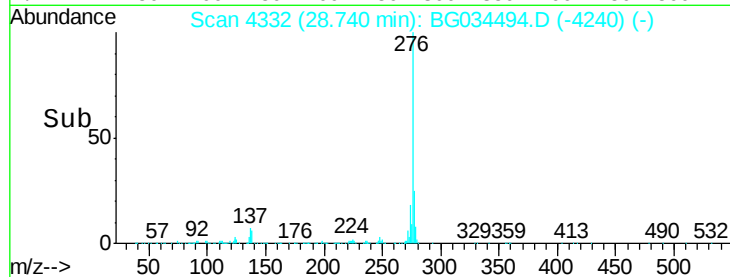
277 21.1 20.0 30.0



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



Time-->



#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

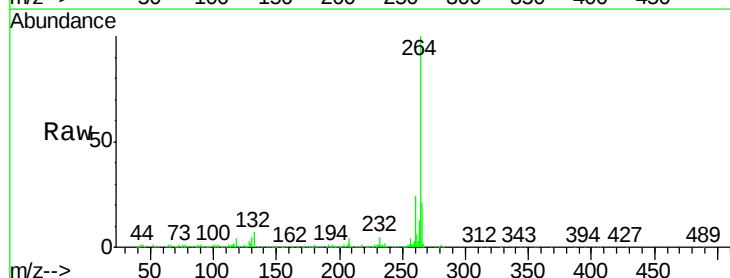
Tgt Ion:264 Resp: 406771

Ion Ratio Lower Upper

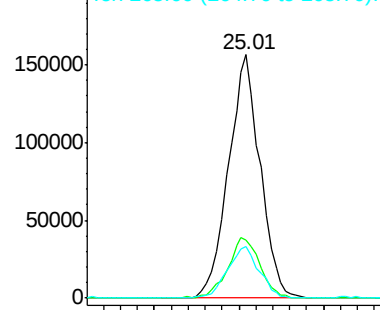
264 100

260 23.7 17.4 26.0

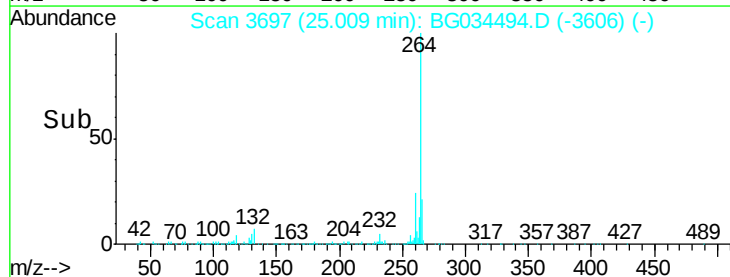
265 21.0 17.7 26.5

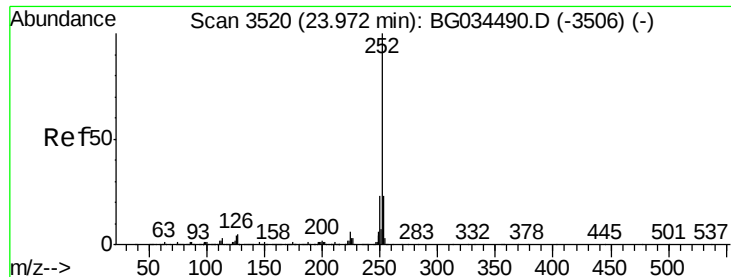


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#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

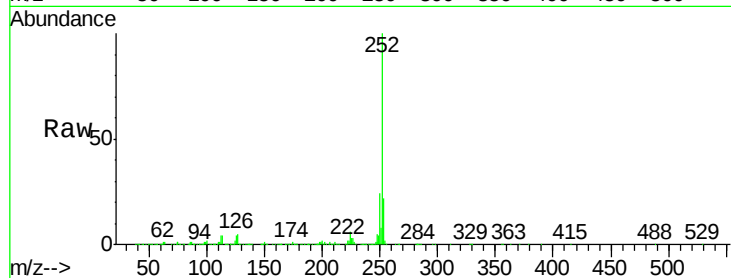
Tot Ion:252 Resp: 1038670

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

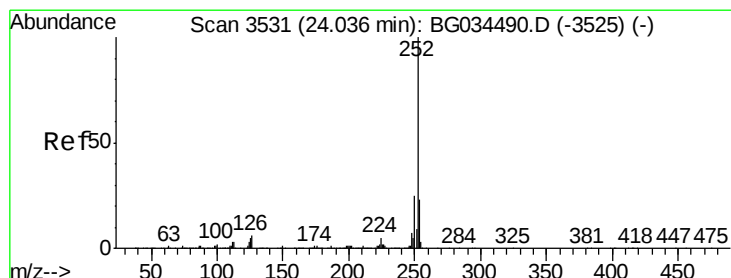
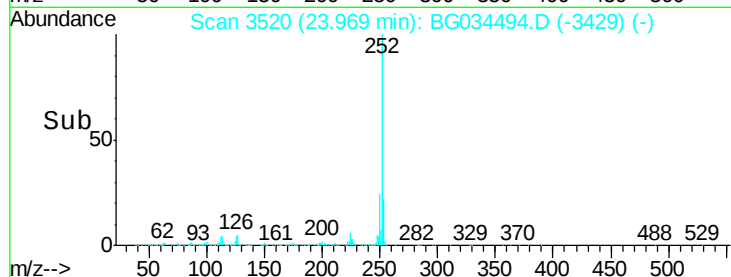
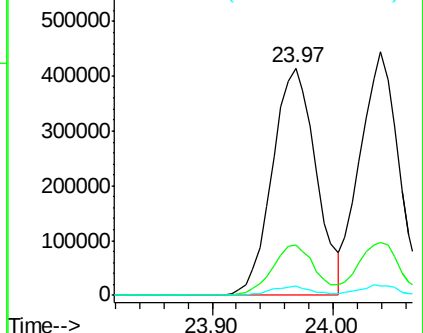
125 3.9 7.2 10.8#



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

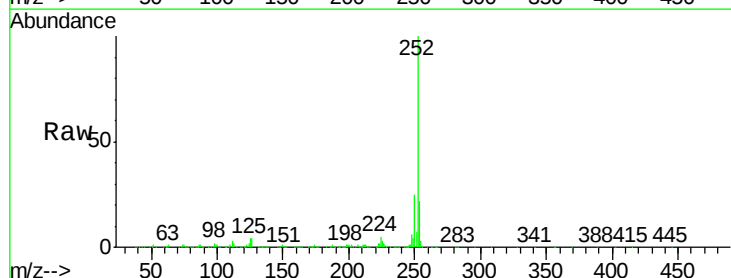
Tgt Ion:252 Resp: 979142

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

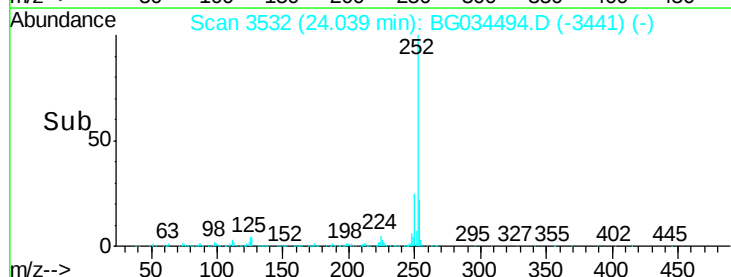
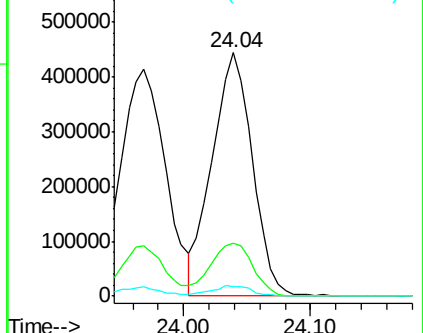
125 3.7 6.6 9.8#

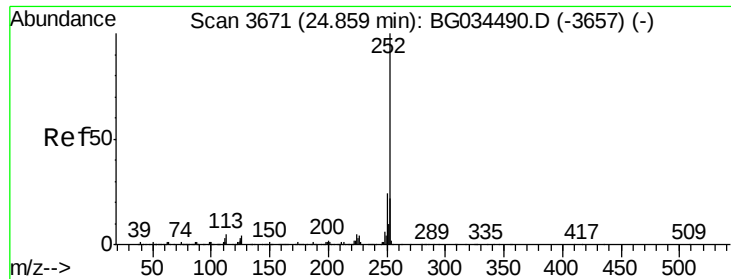


Abundance Ion 252.00 (251.70 to 252.70): E

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

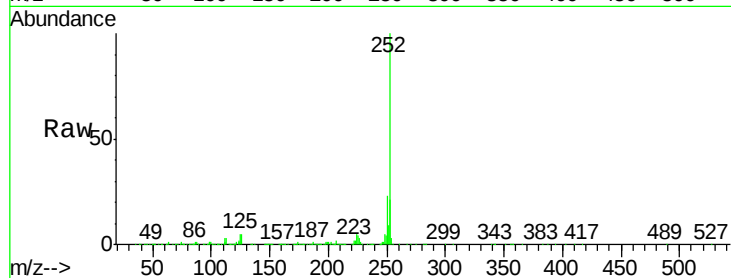
Tot Ion:252 Resp: 1000895

Ion Ratio Lower Upper

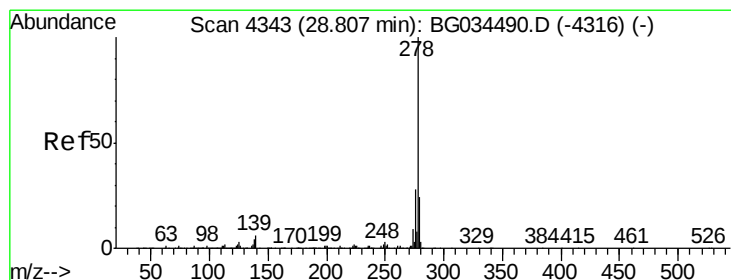
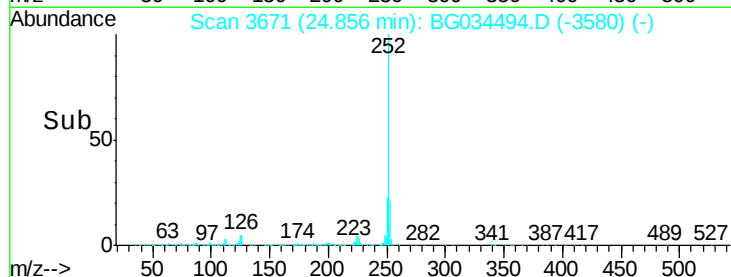
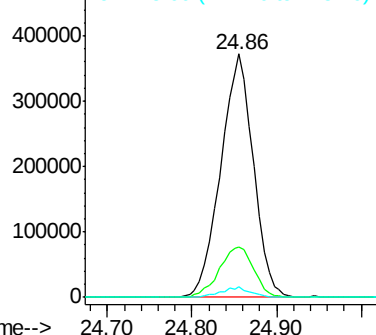
252 100

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

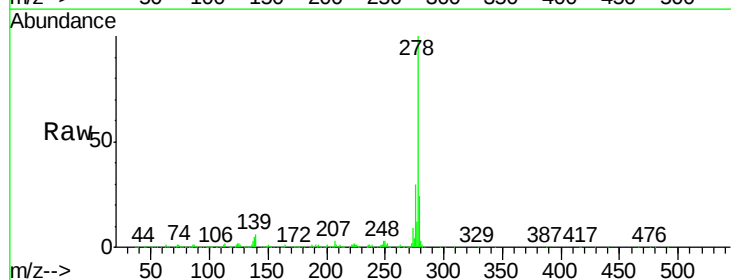
Tgt Ion:278 Resp: 978881

Ion Ratio Lower Upper

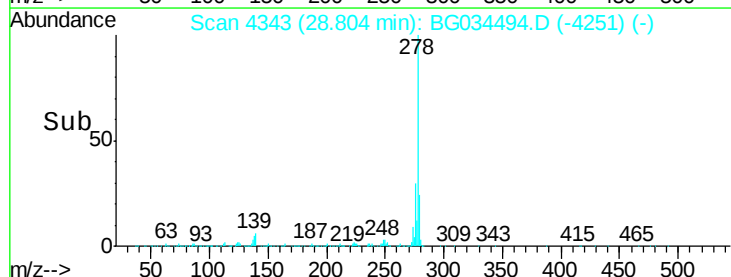
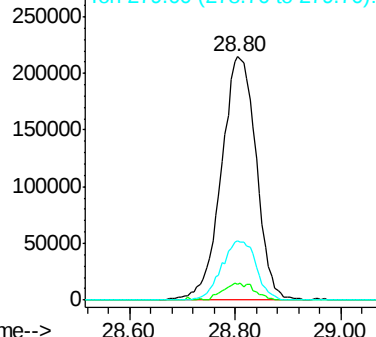
278 100

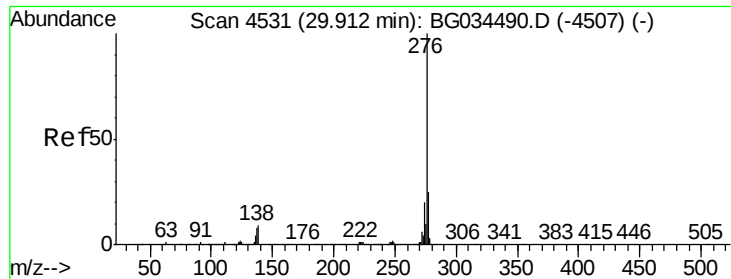
139 6.3 9.8 14.6#

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(a,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

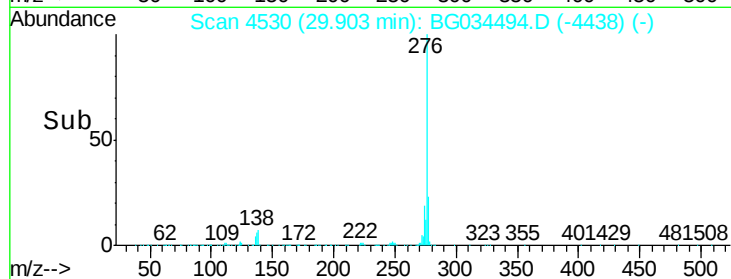
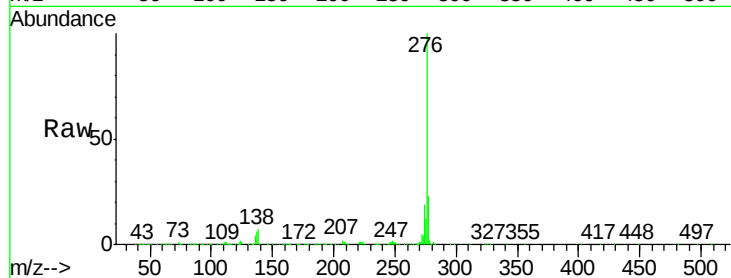
Tot Ion:276 Resp: 988315

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 7.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

