

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031494.D
 Acq On : 12 Dec 2017 16:24
 Operator : SJ/JU
 Sample : I6675-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Quant Time: Dec 13 05:52:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54303	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237154	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	166520	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	448528	20.00	ng	0.00
75) Chrysene-d12	21.75	240	491196	20.00	ng	0.00
86) Perylene-d12	25.03	264	486001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	425893	139.02	ng	0.00
7) Phenol-d6	7.28	99	507460	119.32	ng	0.00
23) Nitrobenzene-d5	9.28	82	361036	93.83	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	299249	153.39	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1009419	88.98	ng	0.00
78) Terphenyl-d14	20.07	244	1911819	88.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	59814	40.919	ng	# 79
3) Pyridine	3.93	79	119630	31.083	ng	91
4) n-Nitrosodimethylamine	3.84	42	75063	41.407	ng	# 91
6) Aniline	7.43	93	70645	12.613	ng	# 89
8) 2-Chlorophenol	7.68	128	175752	51.430	ng	89
9) Benzaldehyde	7.25	77	45632	18.510	ng	87
10) Phenol	7.31	94	192085	43.965	ng	93
11) bis(2-Chloroethyl)ether	7.52	93	165826	46.503	ng	88
12) 1,3-Dichlorobenzene	8.00	146	184471	45.393	ng	96
13) 1,4-Dichlorobenzene	8.15	146	189705	44.916	ng	94
14) 1,2-Dichlorobenzene	8.46	146	180660	44.904	ng	99
15) Benzyl Alcohol	8.35	79	149740	45.008	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	244348	60.994	ng	92
17) 2-Methylphenol	8.56	107	148034	49.706	ng	95
18) Hexachloroethane	9.19	117	63556	44.642	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	133940	40.012	ng	# 93
20) 3+4-Methylphenols	8.89	107	203681	45.909	ng	97
22) Acetophenone	8.93	105	256006	44.998	ng	# 92
24) Nitrobenzene	9.32	77	199238	50.533	ng	89
25) Isophorone	9.84	82	379666	52.214	ng	# 92
26) 2-Nitrophenol	10.04	139	101428	52.025	ng	# 87
27) 2,4-Dimethylphenol	10.09	122	173961	58.738	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	230318	49.062	ng	94
29) 2,4-Dichlorophenol	10.59	162	194975	55.878	ng	91
30) 1,2,4-Trichlorobenzene	10.79	180	213138	47.820	ng	96
31) Naphthalene	10.97	128	575823	49.424	ng	97
32) Benzoic acid	10.26	122	69351	42.088	ng	# 81
33) 4-Chloroaniline	11.11	127	15273	3.019	ng	98
34) Hexachlorobutadiene	11.25	225	134089	45.355	ng	96
35) Caprolactam	11.87	113	23039	16.815	ng	# 70
36) 4-Chloro-3-methylphenol	12.21	107	203674	51.137	ng	# 89
37) 2-Methylnaphthalene	12.57	142	435463	48.273	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	259170	39.823	ng	98
40) Hexachlorocyclopentadiene	12.91	237	177552	79.517	ng	90

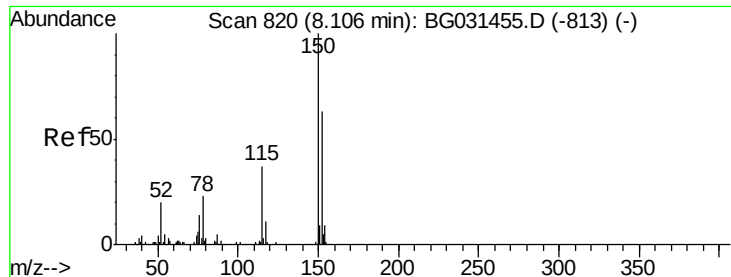
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031494.D
 Acq On : 12 Dec 2017 16:24
 Operator : SJ/JU
 Sample : I6675-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Quant Time: Dec 13 05:52:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	179254	53.911	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	197593	55.167	nq #	93
45) 1,1'-Biphenyl	13.56	154	571334	41.774	nq	96
46) 2-Chloronaphthalene	13.62	162	478957	47.846	nq	97
47) 2-Nitroaniline	13.82	65	135196	48.062	nq #	76
48) Acenaphthylene	14.46	152	736689	45.736	nq	99
49) Dimethylphthalate	14.18	163	662809	48.078	nq	99
50) 2,6-Dinitrotoluene	14.31	165	149134	50.610	nq #	79
51) Acenaphthene	14.80	154	469322	46.081	nq	99
52) 3-Nitroaniline	14.65	138	41528	13.825	nq #	73
53) 2,4-Dinitrophenol	14.86	184	141620	111.188	nq #	51
54) Dibenzofuran	15.13	168	775449	47.713	nq	99
55) 4-Nitrophenol	14.97	139	196334	95.990	nq #	87
56) 2,4-Dinitrotoluene	15.10	165	219168	52.366	nq #	74
57) Fluorene	15.78	166	619716	47.588	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	195466	58.059	nq	89
59) Diethylphthalate	15.53	149	668818	48.399	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	361590	45.384	nq	94
61) 4-Nitroaniline	15.81	138	147905	46.920	nq	91
62) Azobenzene	16.06	77	546538	47.745	nq	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	113901	42.573	nq	80
65) n-Nitrosodiphenylamine	15.98	169	585499	44.597	nq	99
66) 4-Bromophenyl-phenylether	16.66	248	242117	46.421	nq	98
67) Hexachlorobenzene	16.78	284	247152	45.890	nq	97
68) Atrazine	16.92	200	246192	51.286	nq	97
69) Pentachlorophenol	17.13	266	236193	90.439	nq	98
70) Phenanthrene	17.52	178	1103404	47.104	nq	98
71) Anthracene	17.61	178	1112412	48.016	nq	99
72) Carbazole	17.88	167	1052921	50.222	nq	99
73) Di-n-butylphthalate	18.42	149	1196871	49.435	nq	100
74) Fluoranthene	19.52	202	1419722	48.429	nq	97
76) Benzidine	19.70	184	146999	12.860	nq	97
77) Pyrene	19.88	202	1442268	47.255	nq	96
79) Butylbenzylphthalate	20.74	149	564288	52.702	nq	85
80) Benzo(a)anthracene	21.73	228	1423765	48.022	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	212714	20.615	nq	98
82) Chrysene	21.80	228	1350419	47.512	nq	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	772162	50.126	nq	99
84) Di-n-octyl phthalate	22.82	149	1306928	51.434	nq	95
85) Indeno(1,2,3-cd)pyrene	28.81	276	1563571	51.475	nq	99
87) Benzo(b)fluoranthene	23.99	252	1390924	47.871	nq	98
88) Benzo(k)fluoranthene	24.06	252	1410036	47.554	nq	98
89) Benzo(a)pyrene	24.88	252	1372480	49.794	nq	99
90) Dibenzo(a,h)anthracene	28.85	278	1314214	49.861	nq	99
91) Benzo(g,h,i)perylene	29.99	276	1308285	50.488	nq	99

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

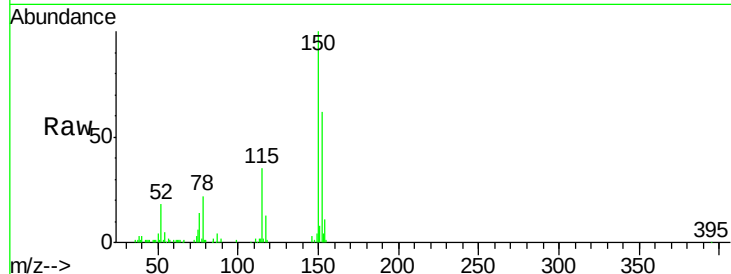


#1

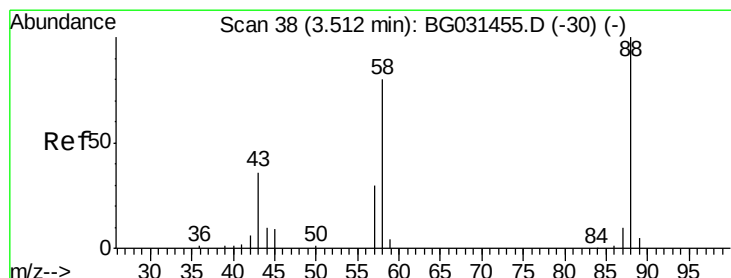
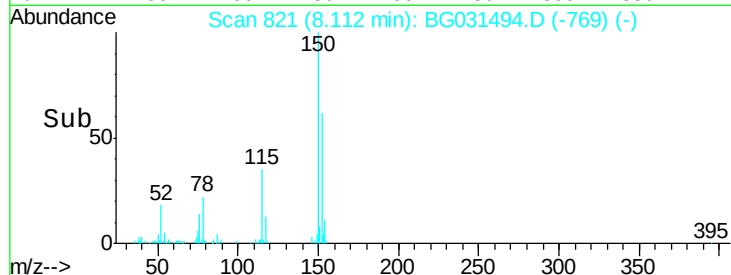
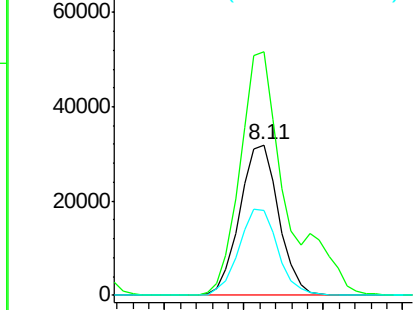
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

Tot Ion:152 Resp: 54303
Ion Ratio Lower Upper
152 100
150 161.9 126.6 189.8
115 56.6 53.0 79.4



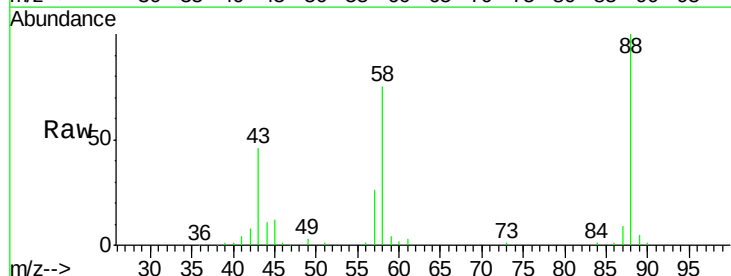
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



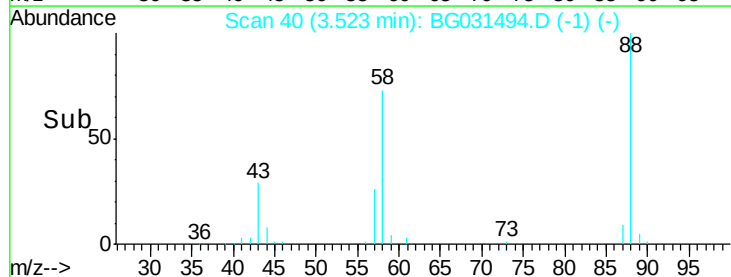
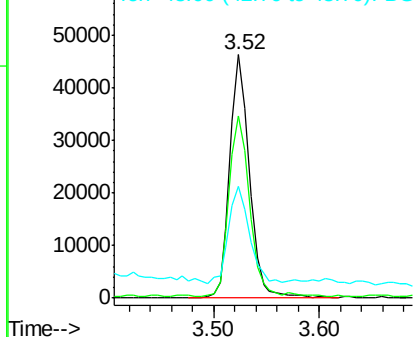
#2

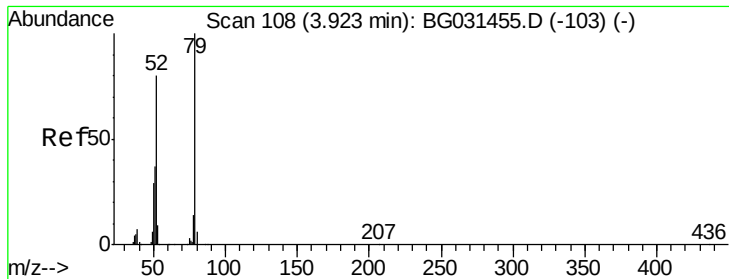
1,4-Dioxane
Concen: 40.919 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.01 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion: 88 Resp: 59814
Ion Ratio Lower Upper
88 100
58 76.4 79.6 119.4#
43 42.1 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: 31.083 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

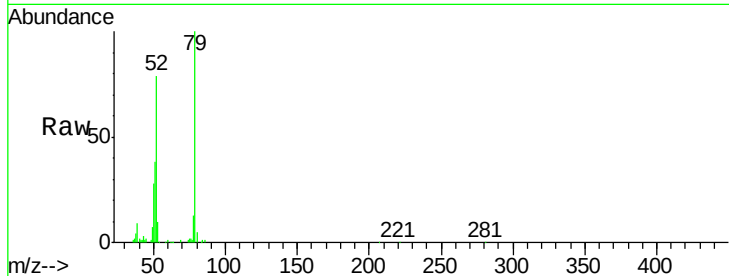
Tot Ion: 79 Resp: 119630

Ion Ratio Lower Upper

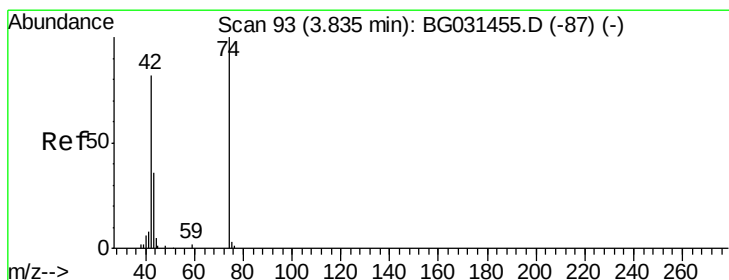
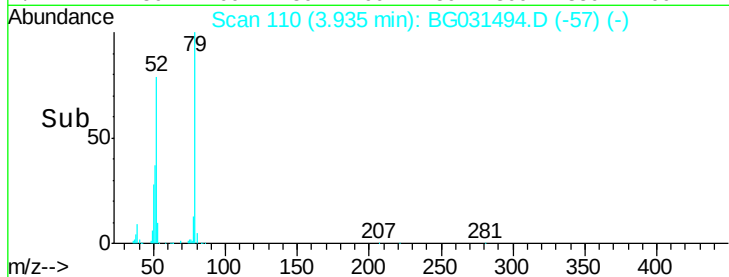
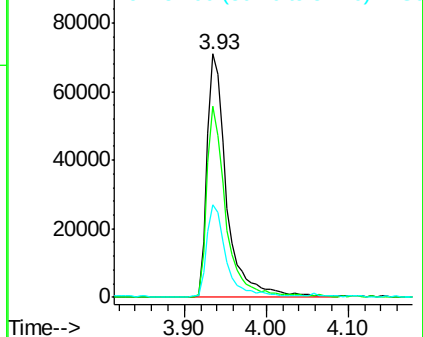
79 100

52 78.6 69.9 104.9

51 37.8 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 41.407 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

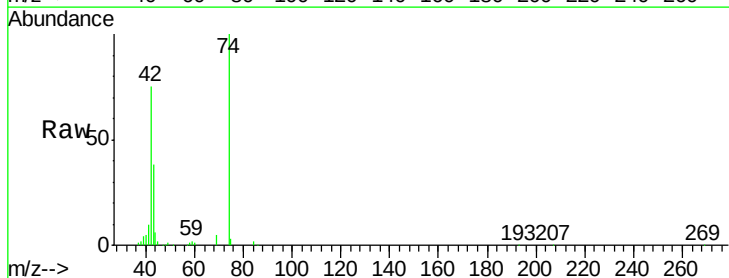
Tgt Ion: 42 Resp: 75063

Ion Ratio Lower Upper

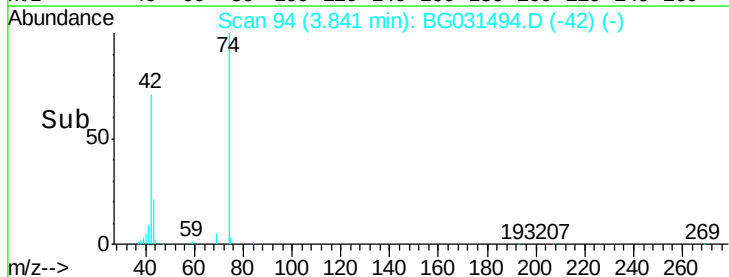
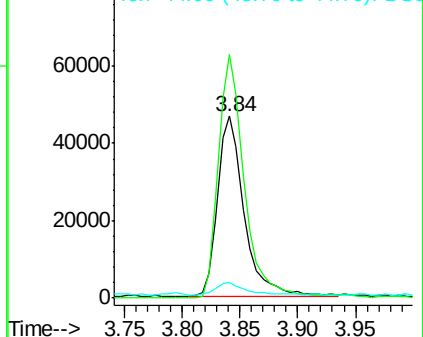
42 100

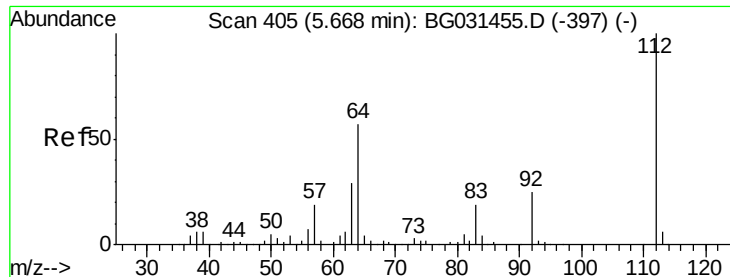
74 133.8 102.5 153.7

44 8.4 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: 139.017 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

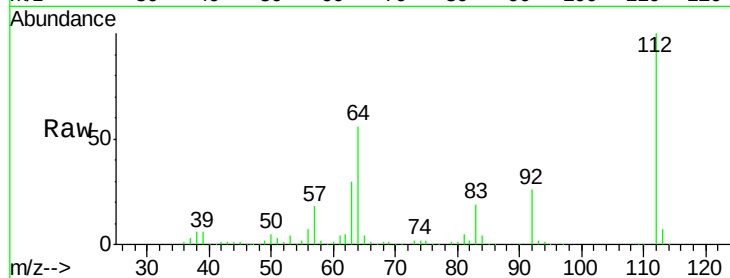
Tot Ion:112 Resp: 425893

Ion Ratio Lower Upper

112 100

64 55.7 56.3 84.5#

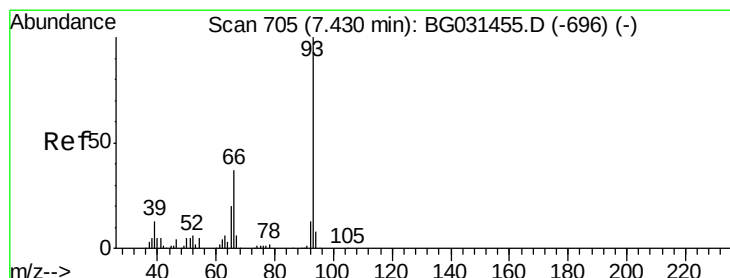
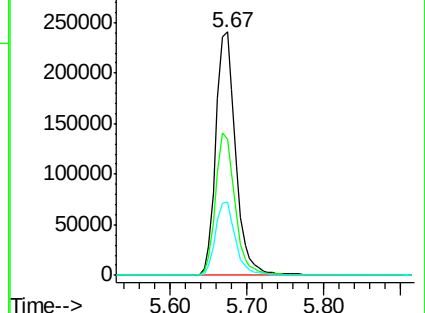
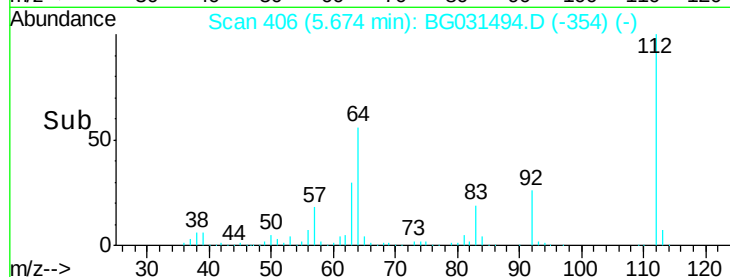
63 30.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.613 ng

RT: 7.43 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

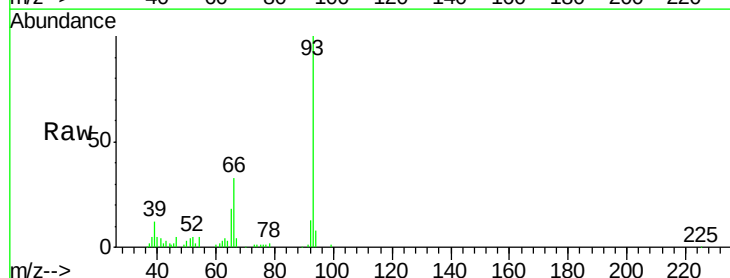
Tgt Ion: 93 Resp: 70645

Ion Ratio Lower Upper

93 100

66 33.1 33.7 50.5#

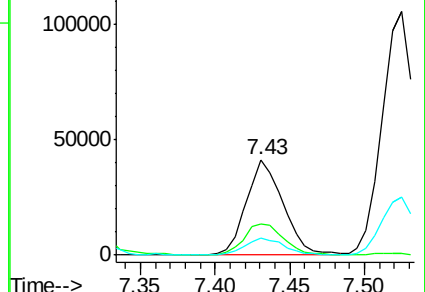
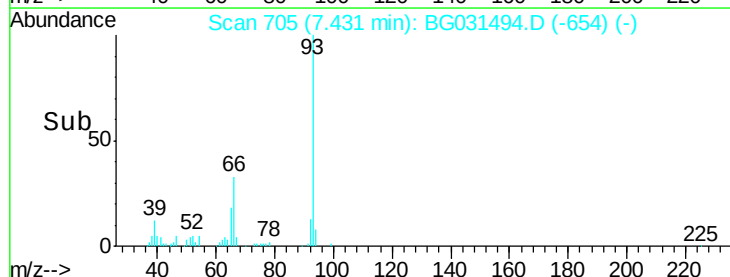
65 17.8 16.1 24.1

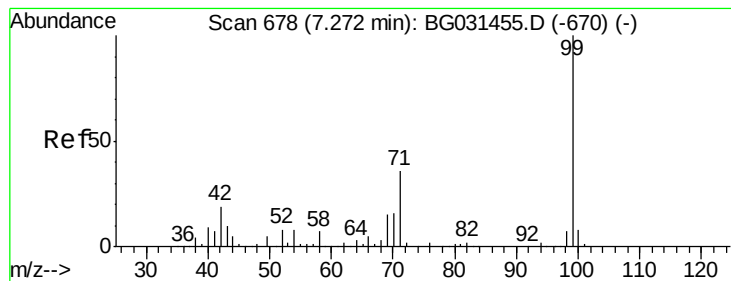


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.318 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

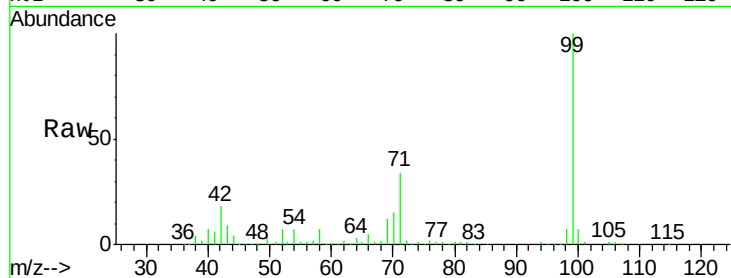
Tot Ion: 99 Resp: 507460

Ion Ratio Lower Upper

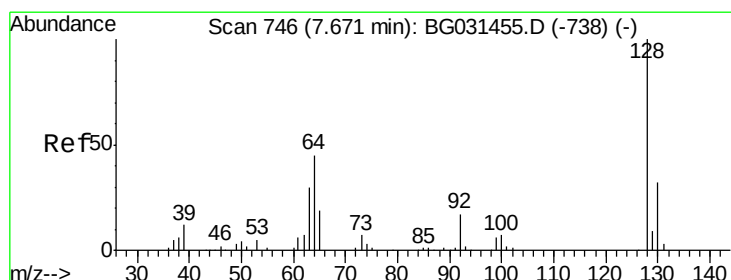
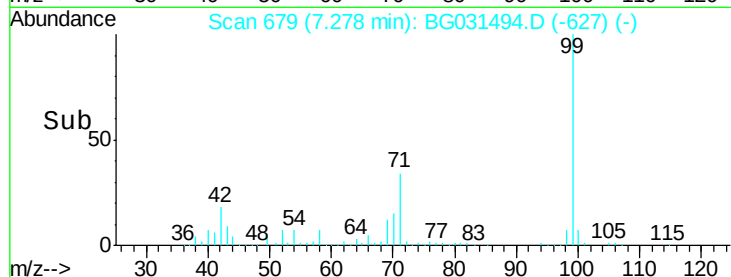
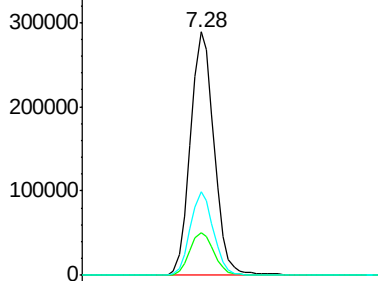
99 100

42 17.7 14.1 21.1

71 34.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.430 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

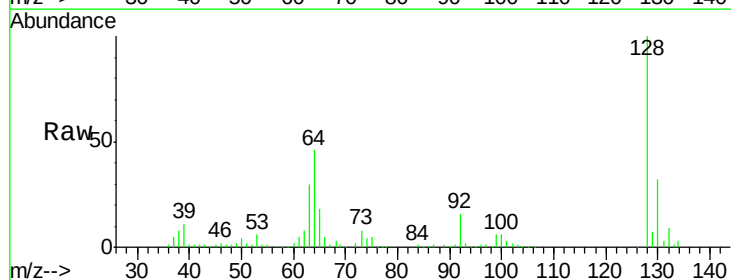
Tgt Ion: 128 Resp: 175752

Ion Ratio Lower Upper

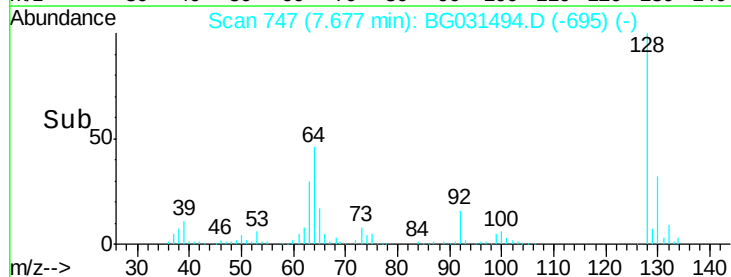
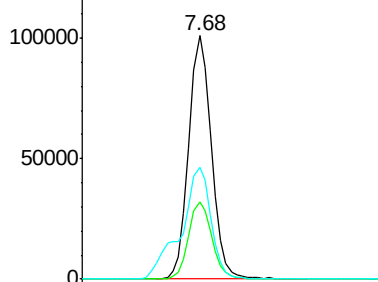
128 100

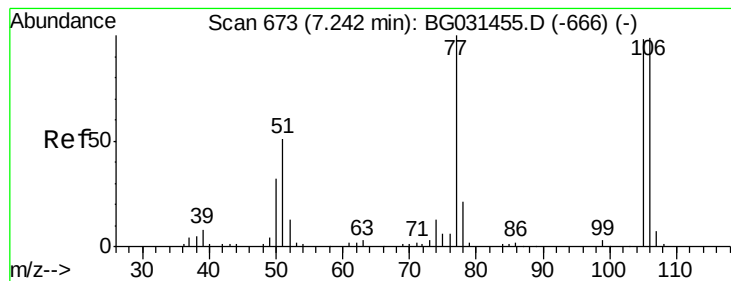
130 31.6 14.0 54.0

64 46.1 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: 18.510 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

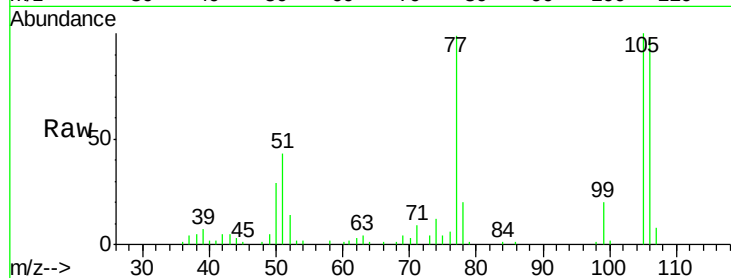
Tot Ion: 77 Resp: 45632

Ion Ratio Lower Upper

77 100

105 101.2 71.3 111.3

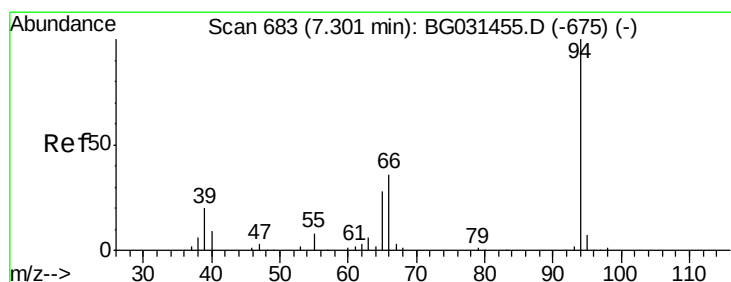
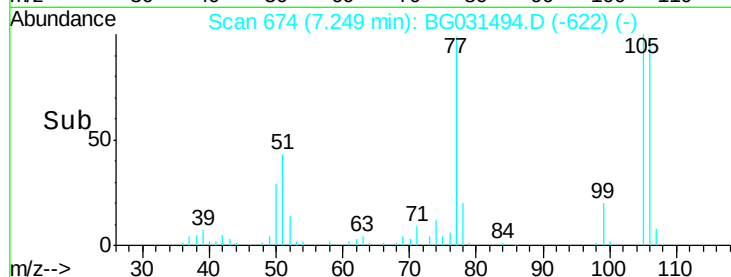
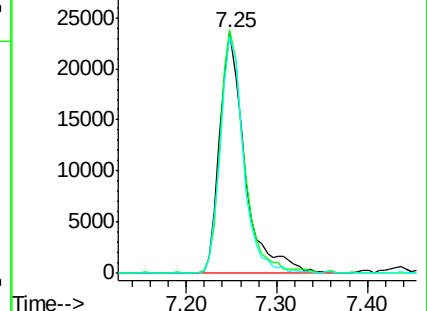
106 98.5 64.2 104.2



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: 43.965 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

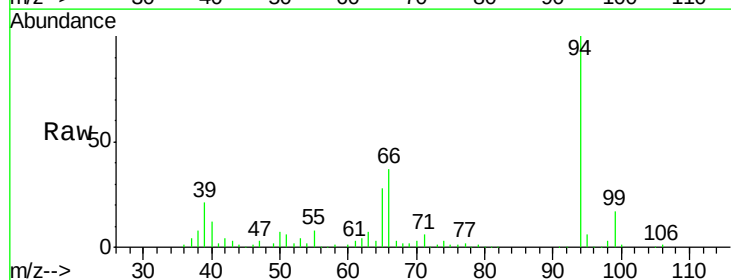
Tgt Ion: 94 Resp: 192085

Ion Ratio Lower Upper

94 100

65 28.4 11.9 51.9

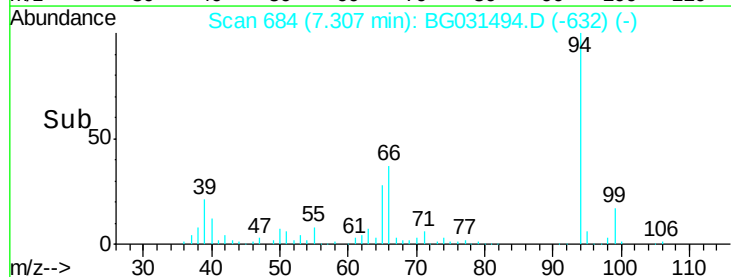
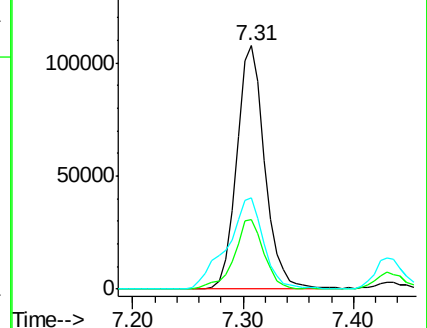
66 37.3 22.2 62.2

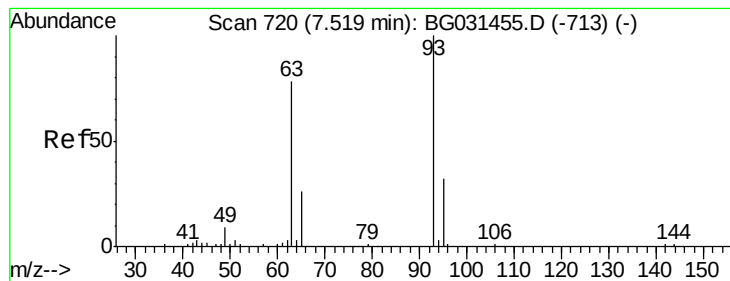


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 46.503 ng

RT: 7.52 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

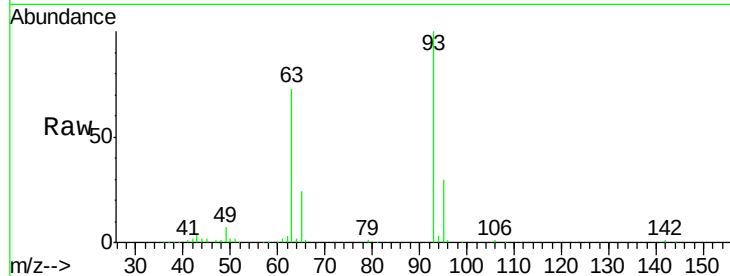
Tot Ion: 93 Resp: 165826

Ion Ratio Lower Upper

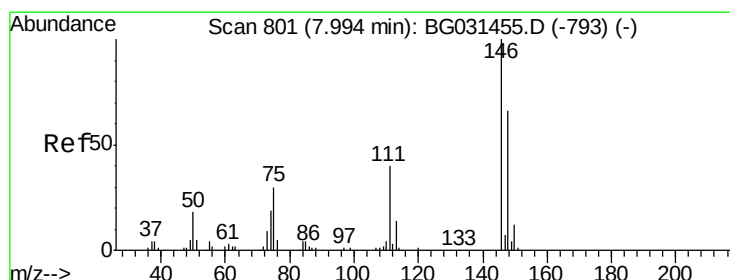
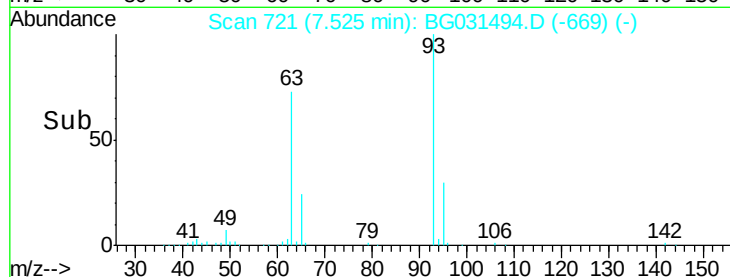
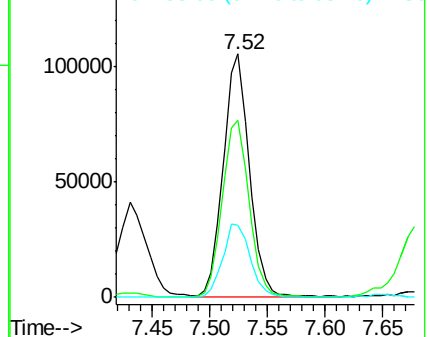
93 100

63 72.6 67.1 107.1

95 29.5 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 45.393 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

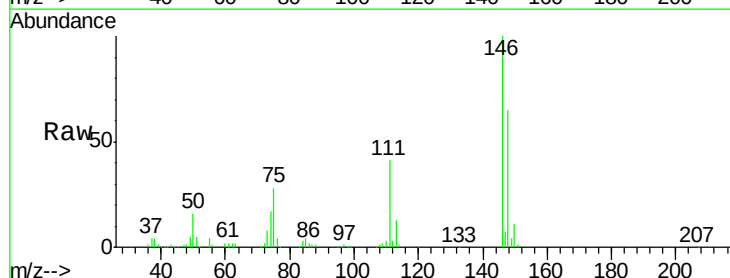
Tgt Ion: 146 Resp: 184471

Ion Ratio Lower Upper

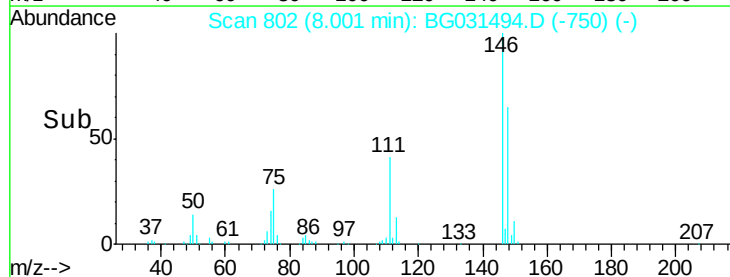
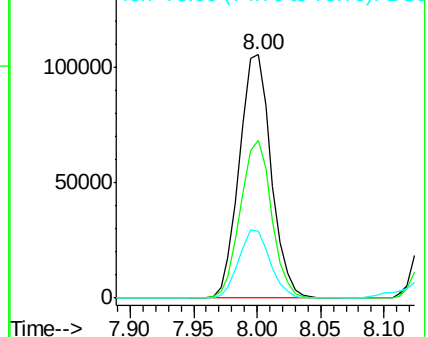
146 100

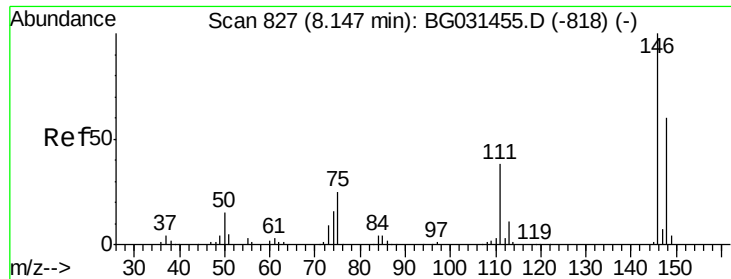
148 64.9 51.4 77.2

75 27.6 26.6 39.8



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

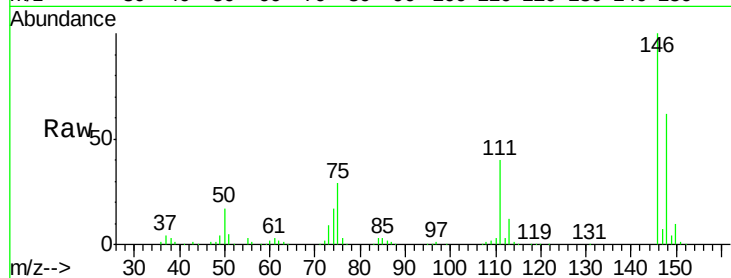




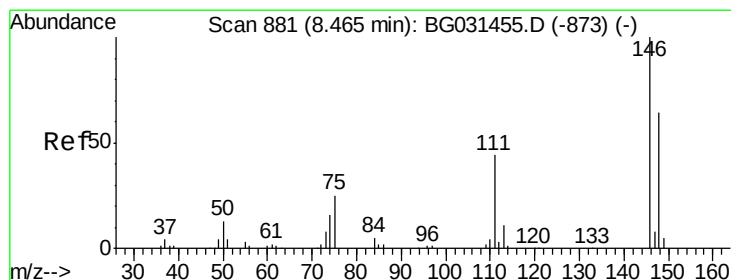
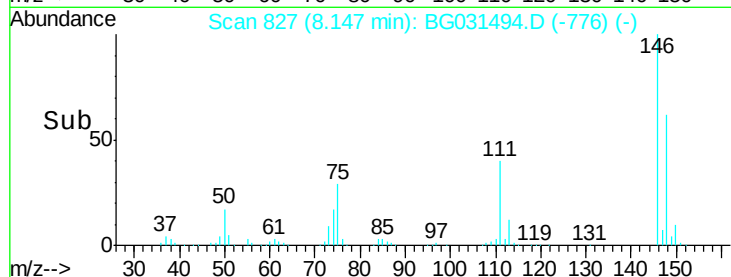
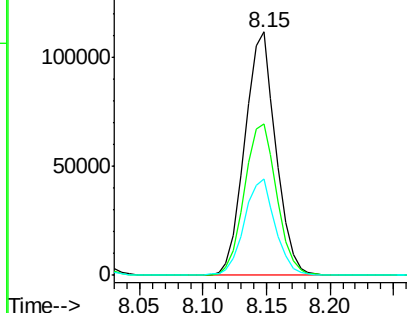
#13
 1,4-Dichlorobenzene
 Concen: 44.916 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:146 Resp: 189705
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 111 39.9 35.2 52.8

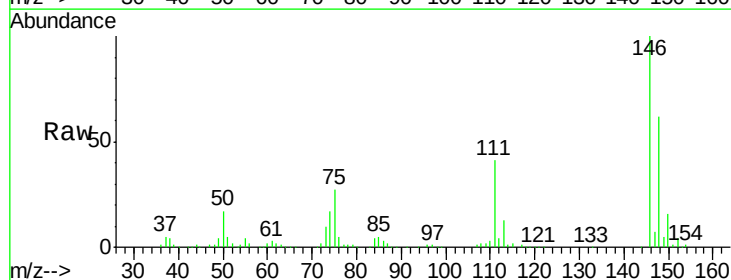


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

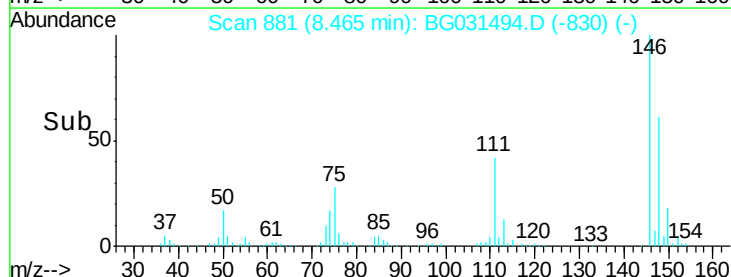
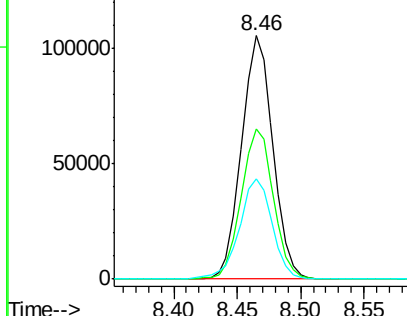


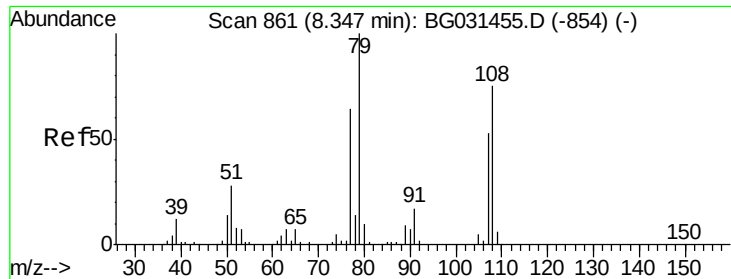
#14
 1,2-Dichlorobenzene
 Concen: 44.904 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:146 Resp: 180660
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.3 73.9
 111 41.4 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 45.008 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

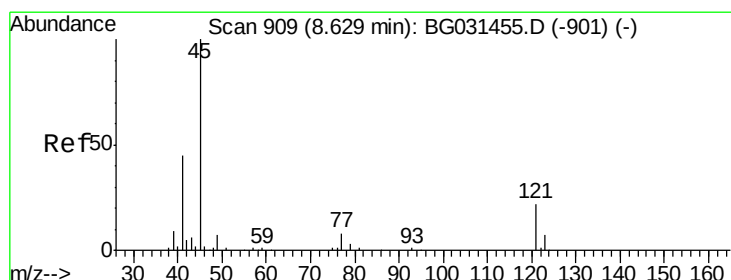
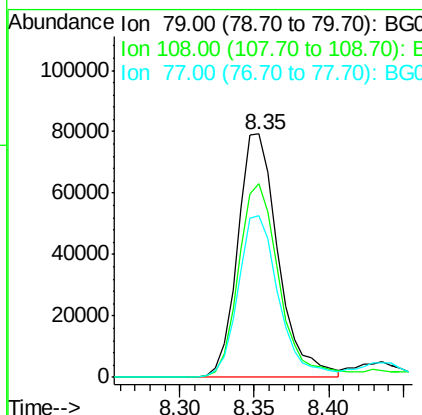
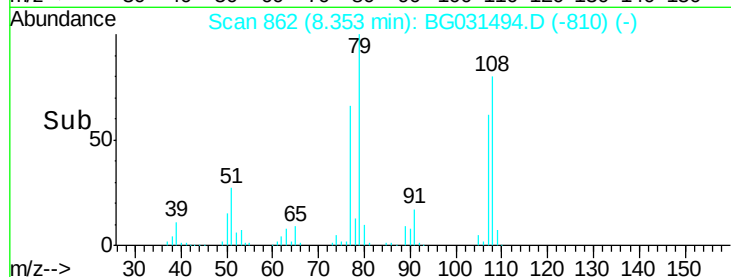
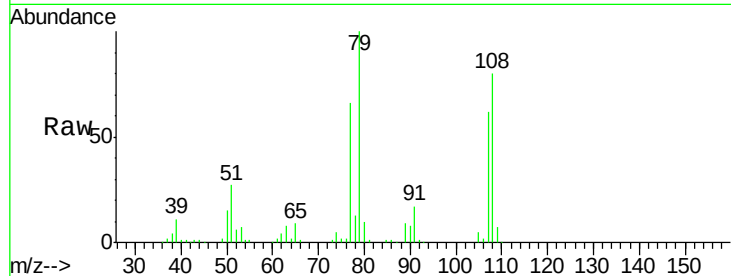
Tot Ion: 79 Resp: 149740

Ion Ratio Lower Upper

79 100

108 79.8 57.2 85.8

77 66.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.994 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

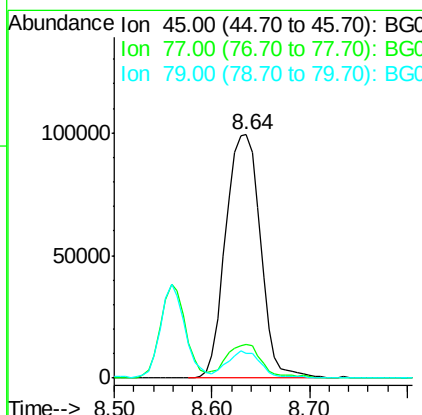
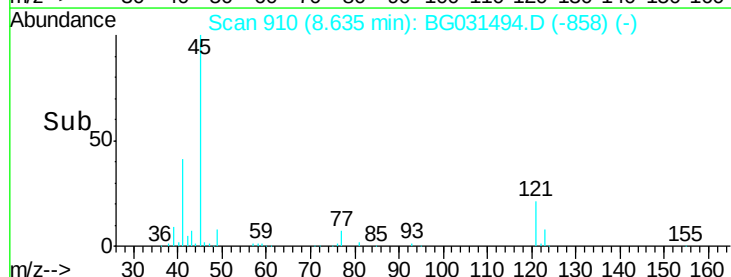
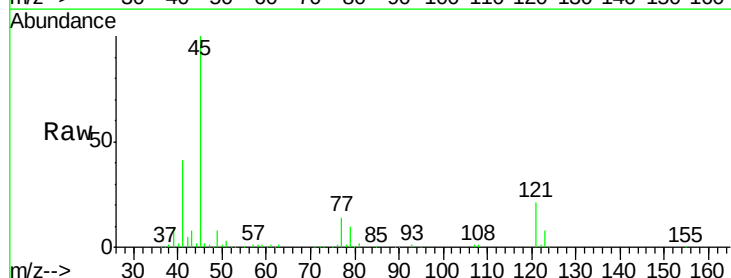
Tgt Ion: 45 Resp: 244348

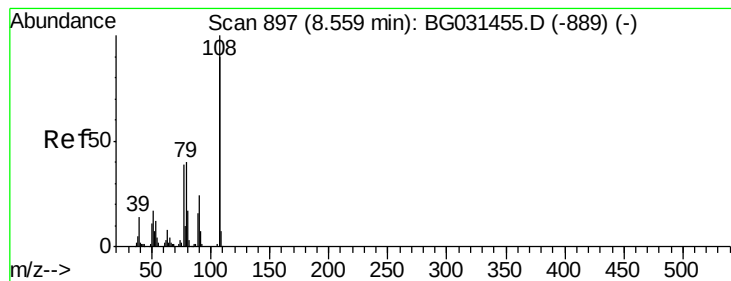
Ion Ratio Lower Upper

45 100

77 13.7 0.0 30.2

79 10.2 0.0 27.9





#17

2-Methylphenol

Concen: 49.706 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

Tot Ion:107 Resp: 148034

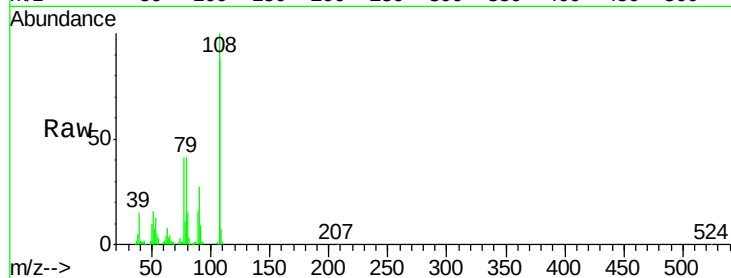
Ion Ratio Lower Upper

107 100

108 113.3 83.9 125.9

77 47.0 37.2 55.8

79 46.7 36.2 54.2

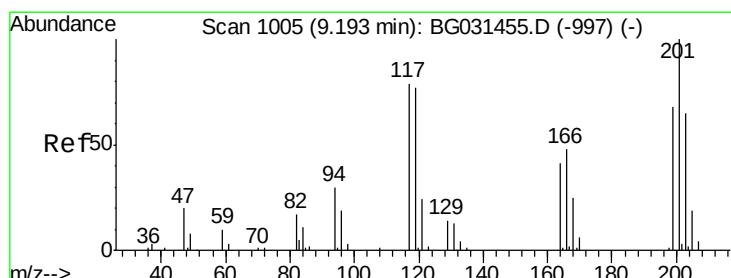
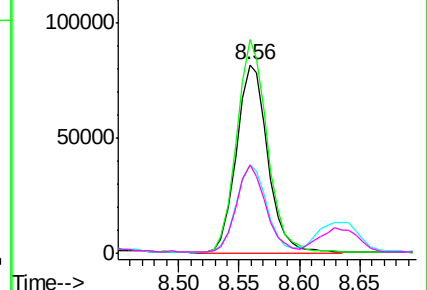
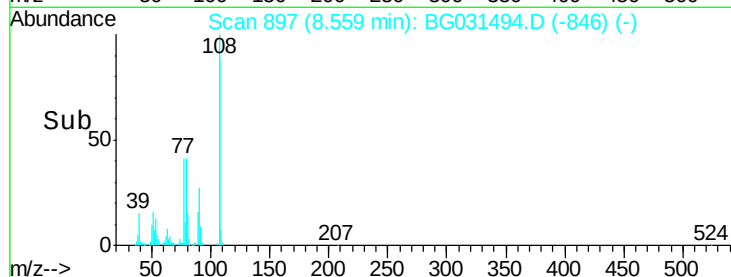


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.642 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

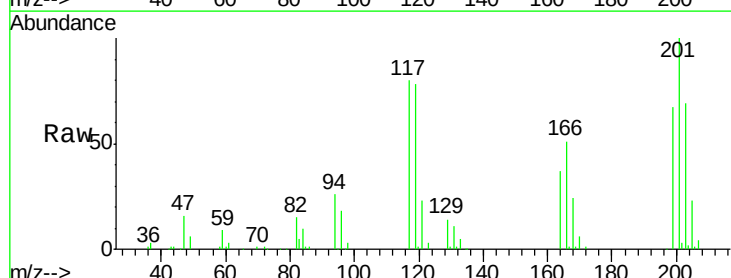
Tgt Ion:117 Resp: 63556

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

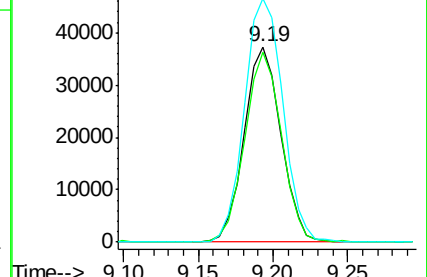
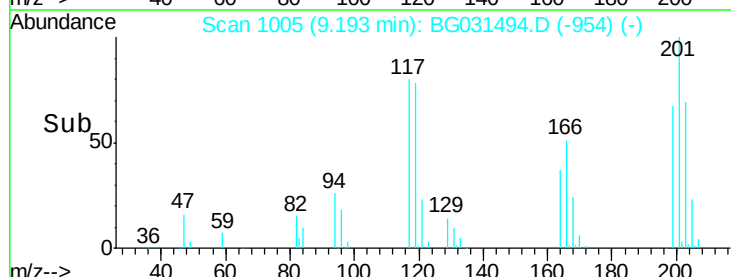
201 124.8 95.7 143.5

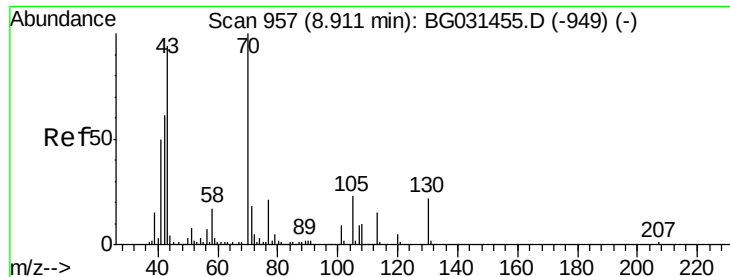


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

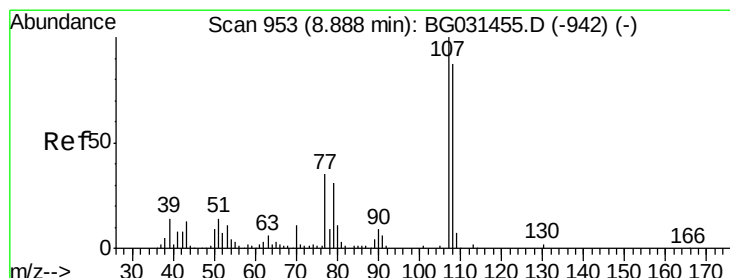
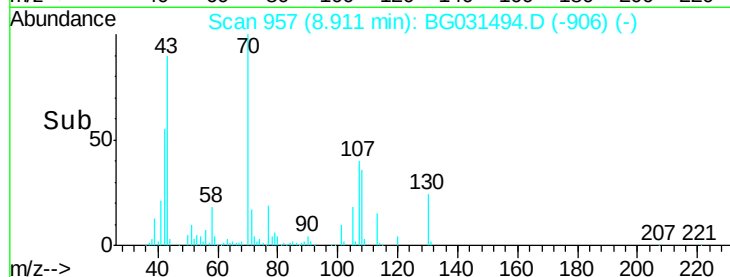
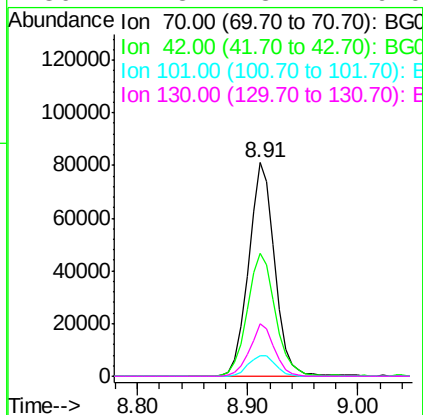
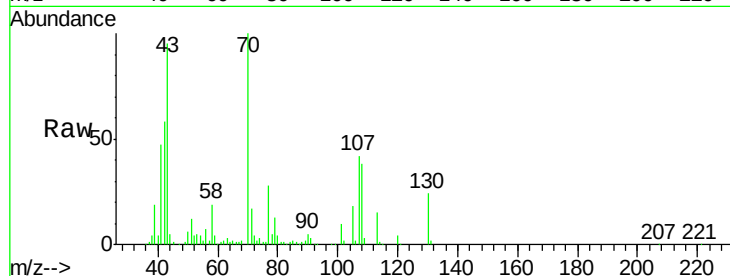




#19
n-Nitroso-di-n-propylamine
Concen: 40.012 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

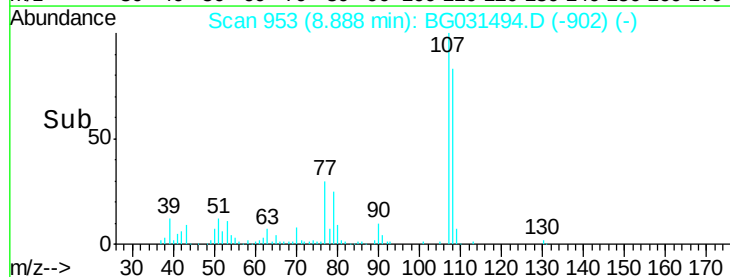
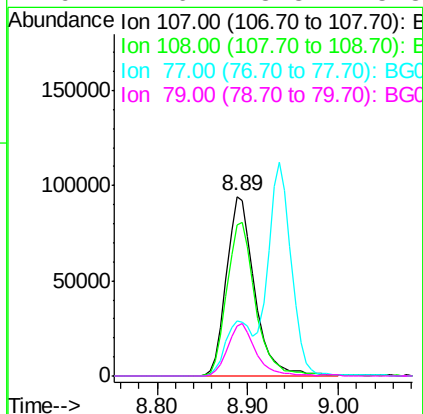
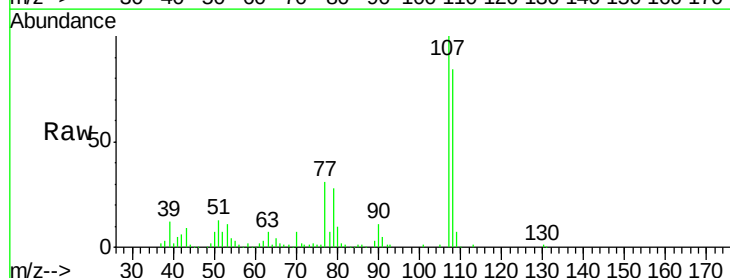
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

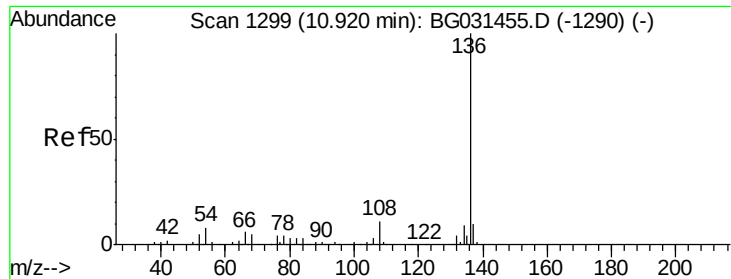
Tot Ion: 70 Resp: 133940
Ion Ratio Lower Upper
70 100
42 57.8 49.1 73.7
101 9.6 8.5 12.7
130 24.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.909 ng
RT: 8.89 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion: 107 Resp: 203681
Ion Ratio Lower Upper
107 100
108 84.1 61.6 101.6
77 30.8 13.9 53.9
79 27.6 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

Tot Ion:136 Resp: 237154

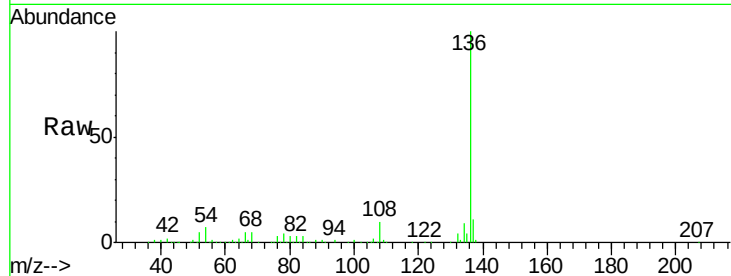
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.2 10.3 15.5#

68 5.5 4.5 6.7

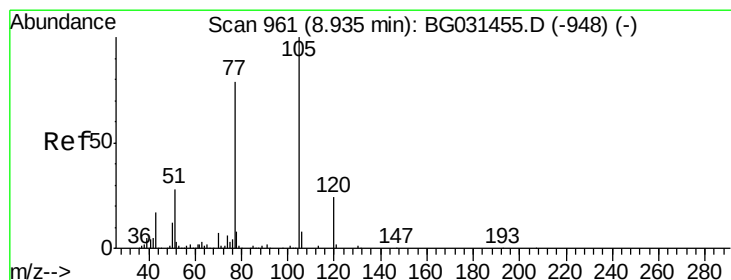
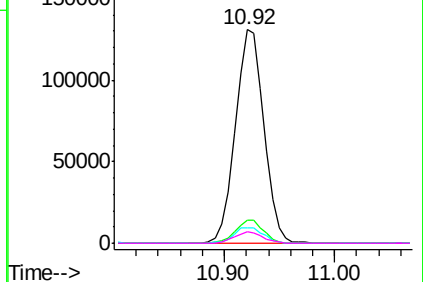
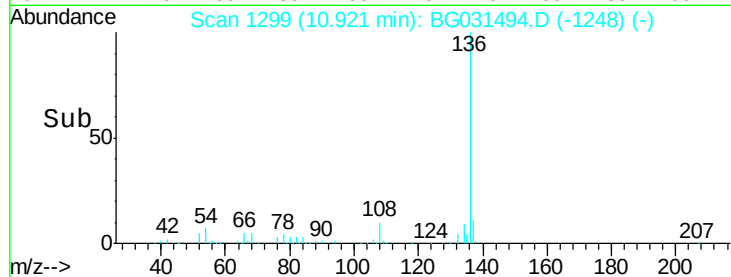


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.998 ng

RT: 8.93 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Tgt Ion:105 Resp: 256006

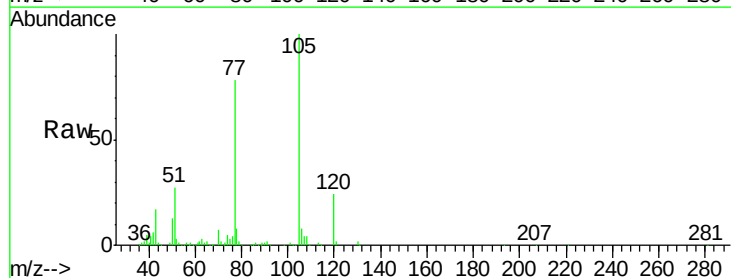
Ion Ratio Lower Upper

105 100

71 1.6 3.0 4.4#

51 26.8 26.1 39.1

120 23.7 17.4 26.2

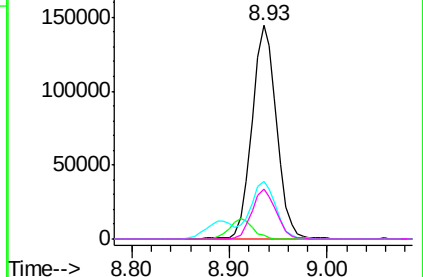
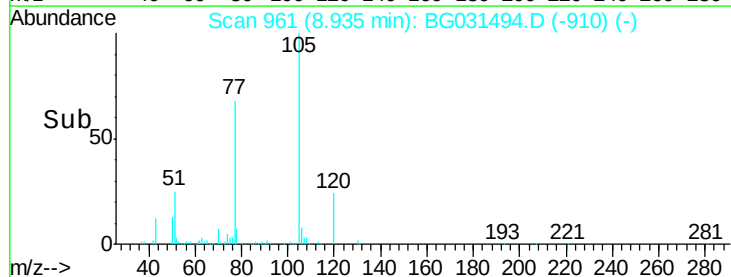


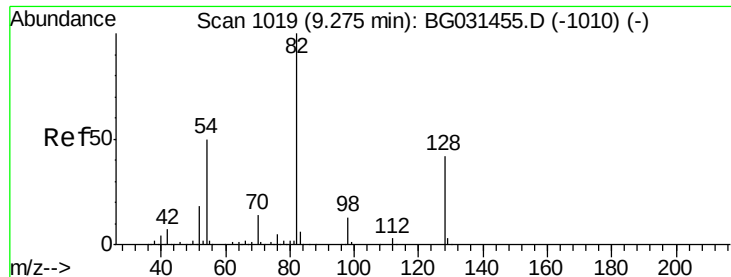
Abundance Ion 105.00 (104.70 to 105.70): E

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

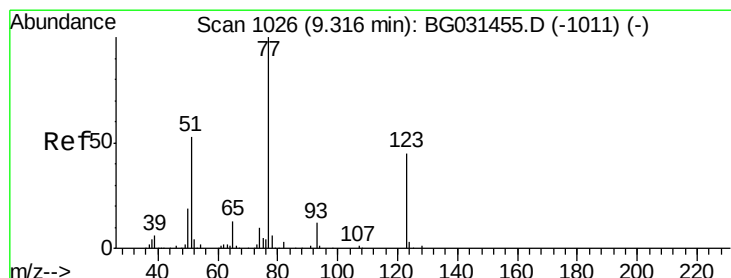
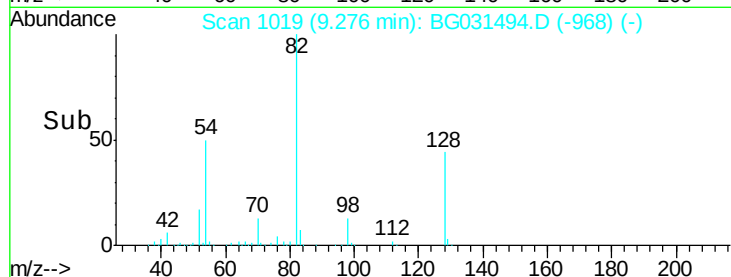
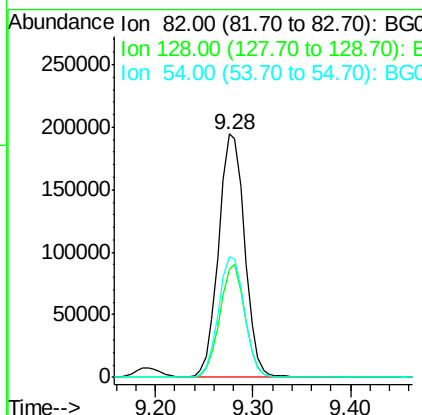
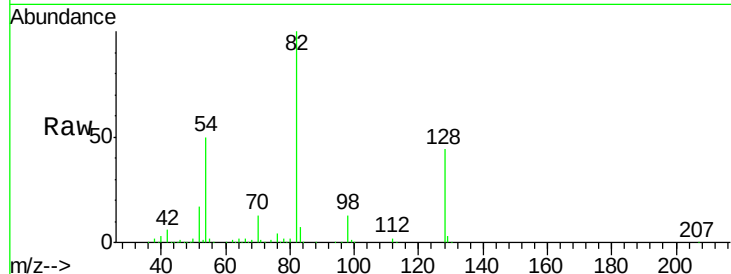




#23
 Nitrobenzene-d5
 Concen: 93.834 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

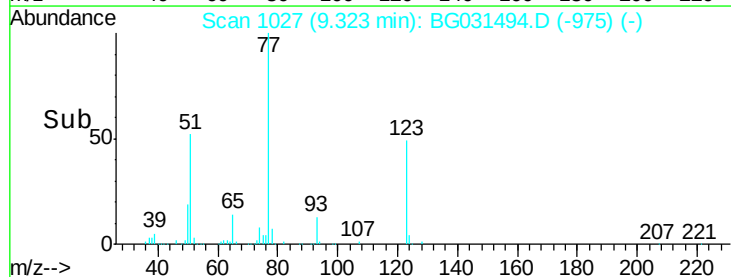
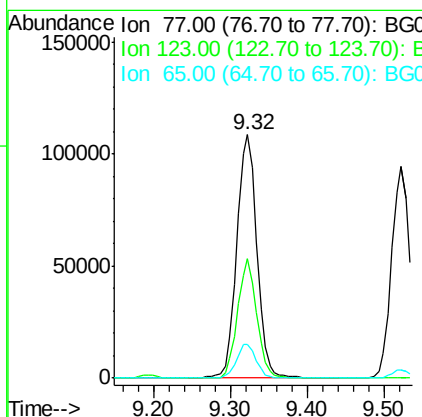
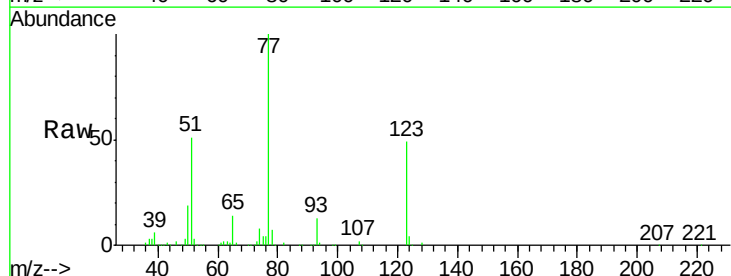
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

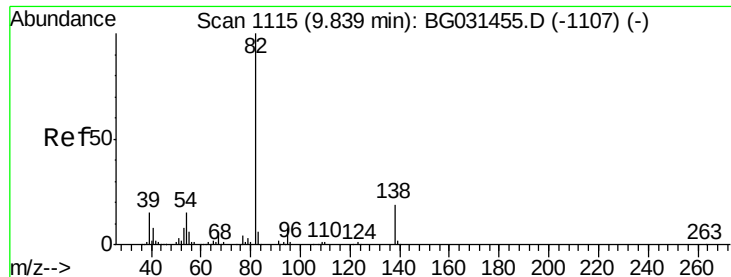
Tot Ion	82	Resp	361036
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	49.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.533 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion	77	Resp	199238
Ion Ratio	Lower	Upper	
77	100		
123	49.1	33.0	49.6
65	13.7	13.0	19.6





#25

Isophorone

Concen: 52.214 ng

RT: 9.84 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

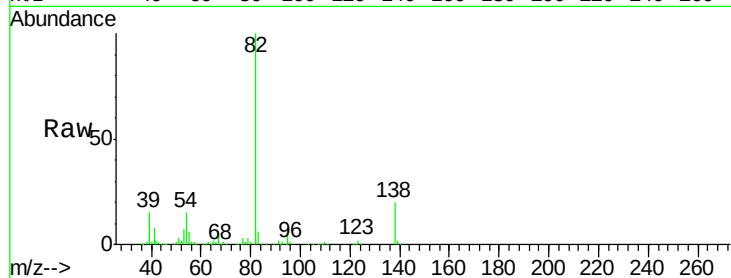
Tot Ion: 82 Resp: 379666

Ion Ratio Lower Upper

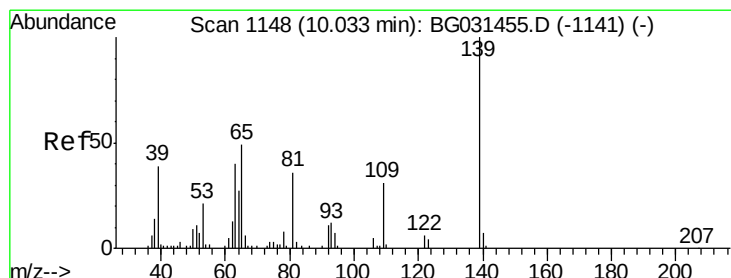
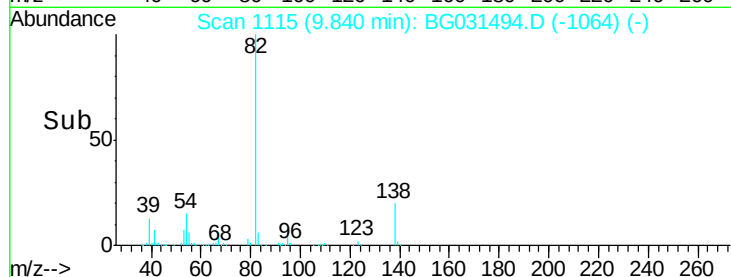
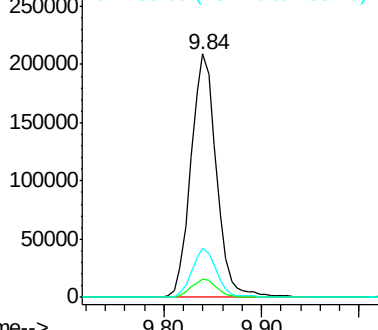
82 100

95 7.5 6.2 9.2

138 19.9 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: 52.025 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

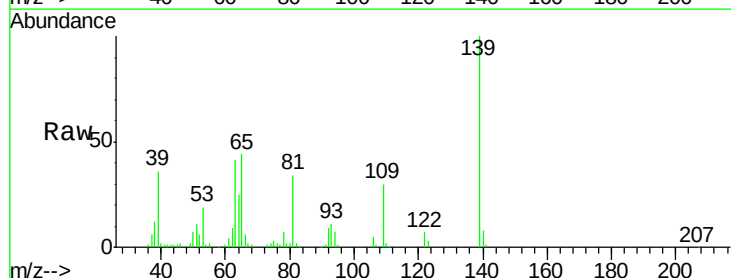
Tgt Ion: 139 Resp: 101428

Ion Ratio Lower Upper

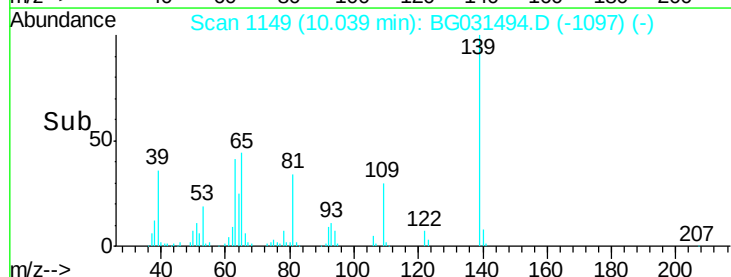
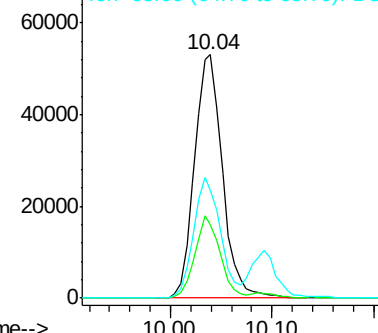
139 100

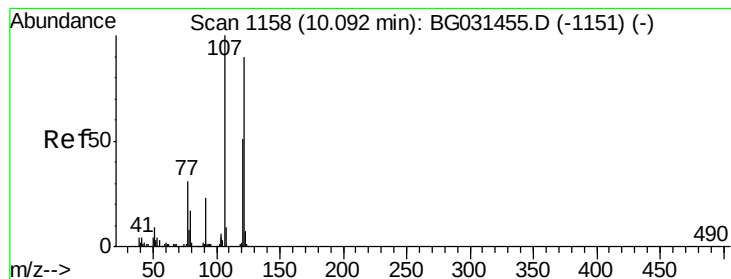
109 30.2 24.2 36.2

65 44.4 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: 58.738 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

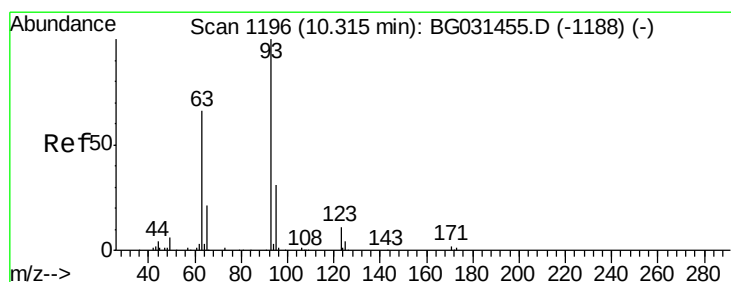
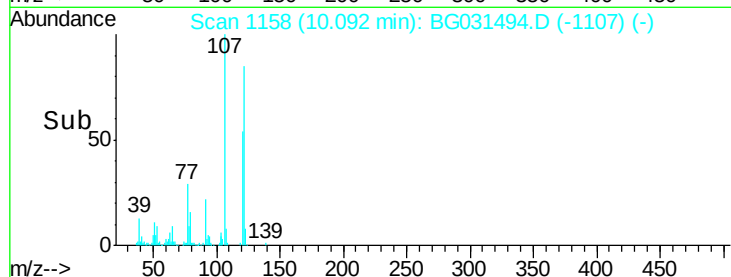
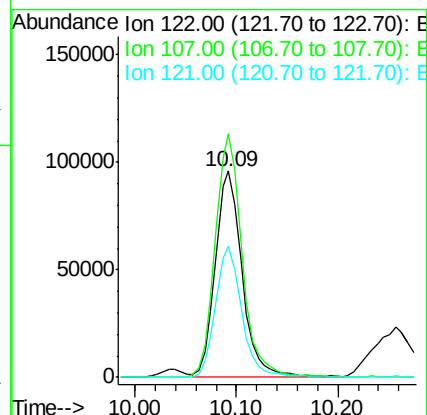
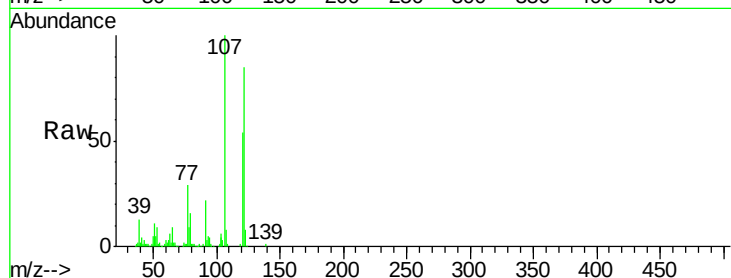
Tot Ion:122 Resp: 173961

Ion Ratio Lower Upper

122 100

107 118.2 100.2 150.2

121 63.7 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.062 ng

RT: 10.32 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

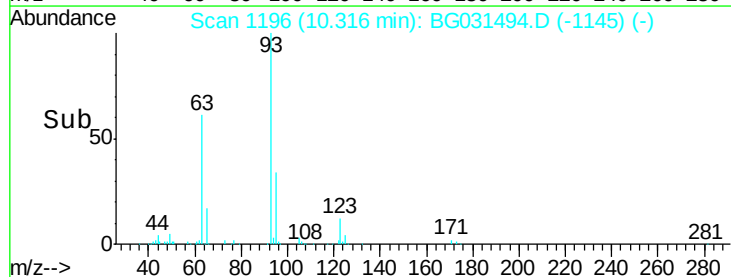
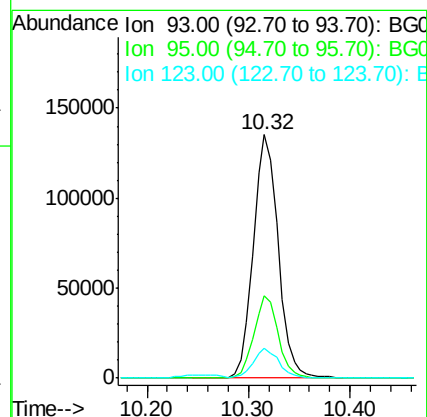
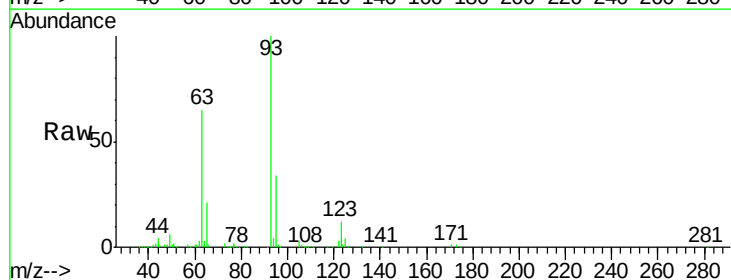
Tgt Ion: 93 Resp: 230318

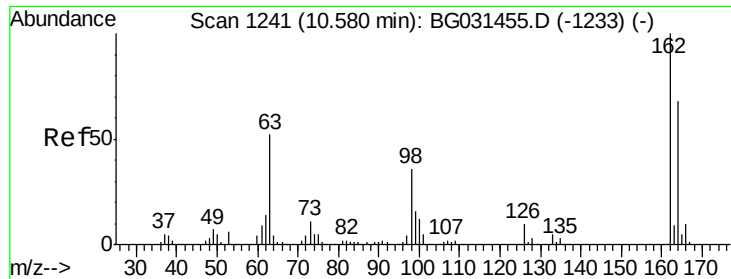
Ion Ratio Lower Upper

93 100

95 33.6 24.3 36.5

123 12.4 8.4 12.6

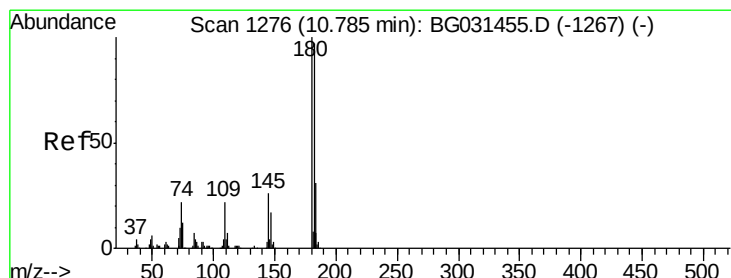
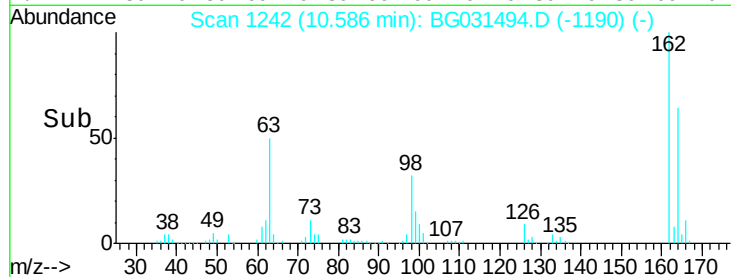
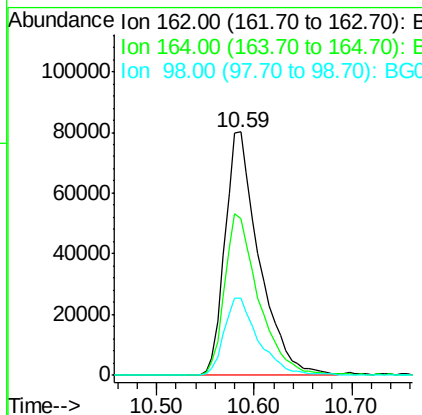
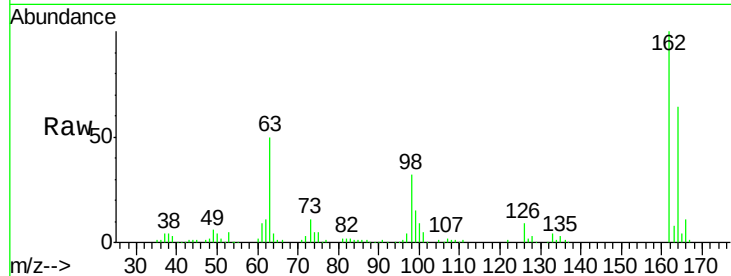




#29
 2,4-Dichlorophenol
 Concen: 55.878 ng
 RT: 10.59 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

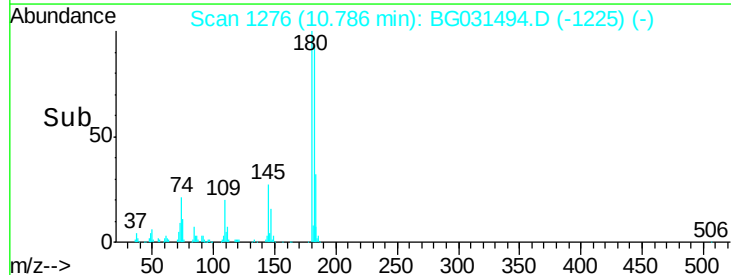
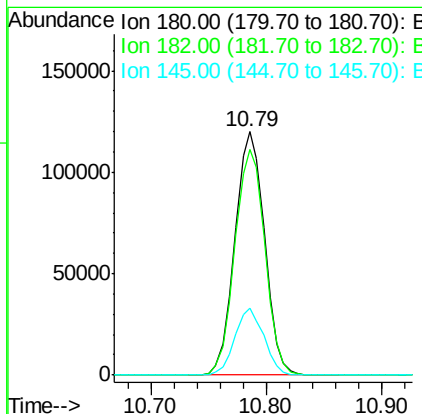
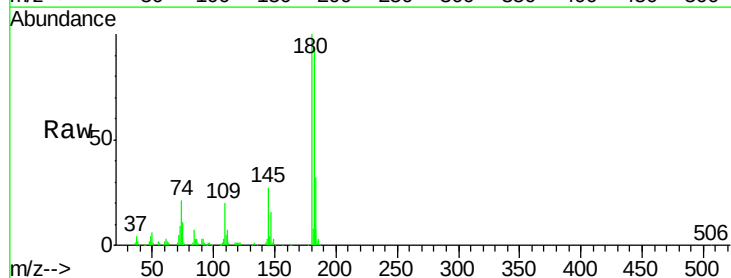
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

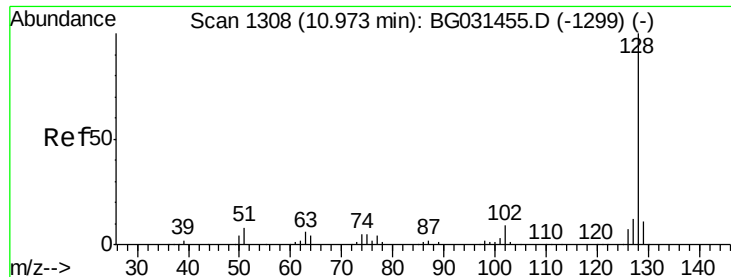
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	31.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.820 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.5	116.3
145	27.2	23.4	35.2

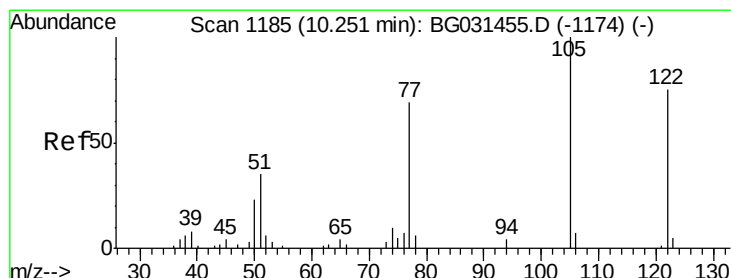
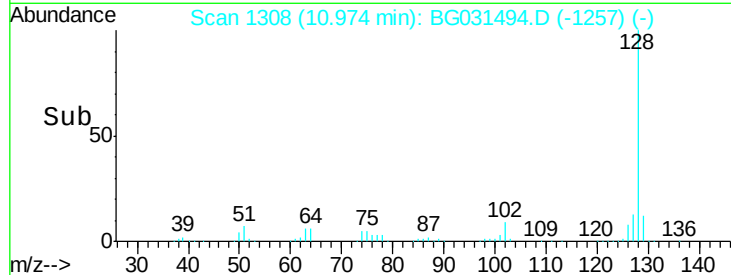
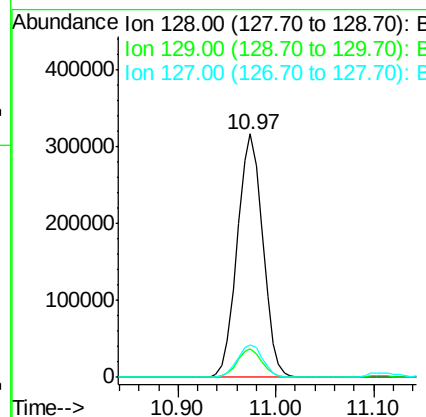
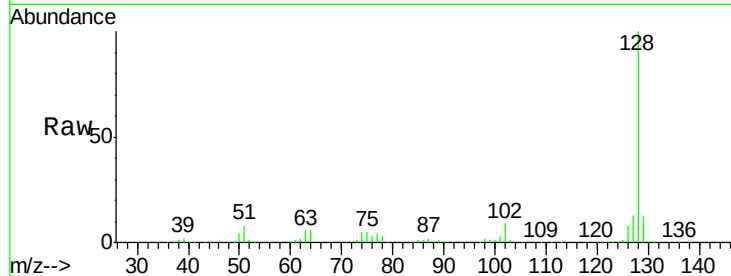




#31
Naphthalene
Concen: 49.424 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

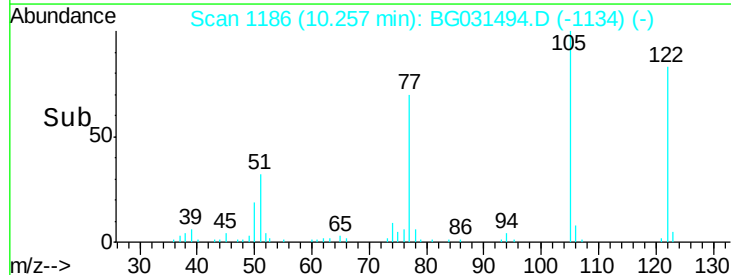
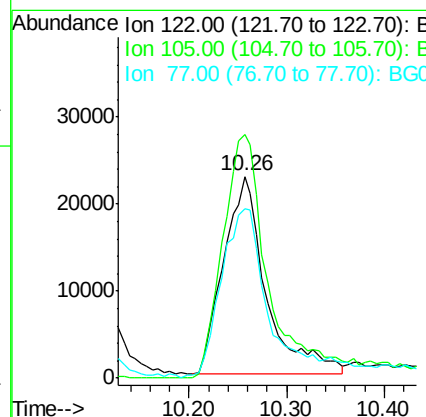
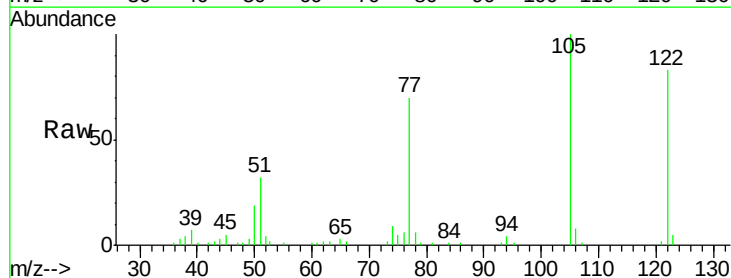
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

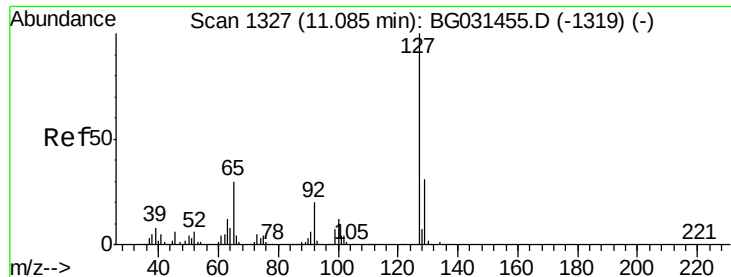
Tot Ion:128 Resp: 575823
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 42.088 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:122 Resp: 69351
Ion Ratio Lower Upper
122 100
105 120.9 123.5 163.5#
77 84.2 85.7 125.7#

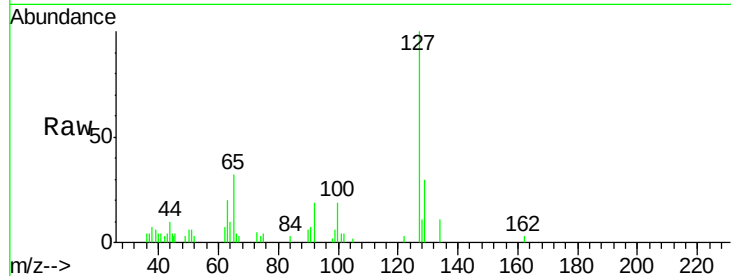




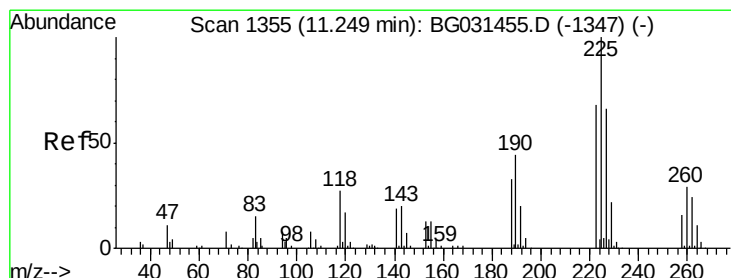
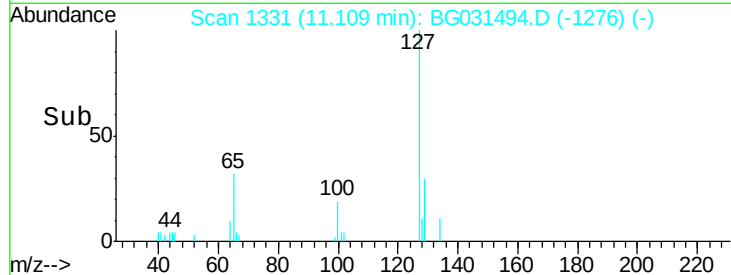
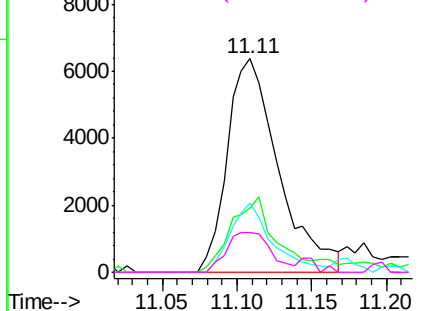
#33
4-Chloroaniline
Concen: 3.019 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

Tot Ion:	127	Resp:	15273
Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.0	36.0
65	32.2	27.0	40.4
92	18.6	16.6	25.0

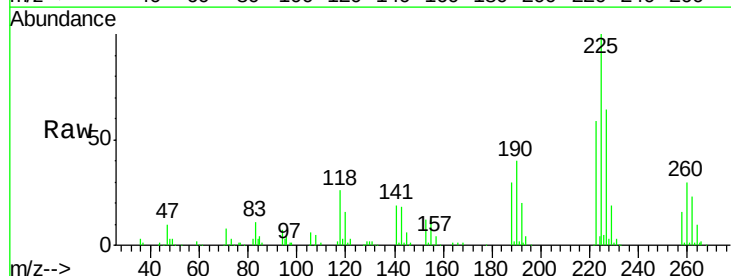


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

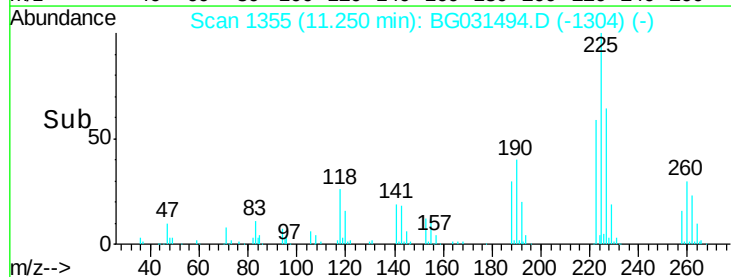
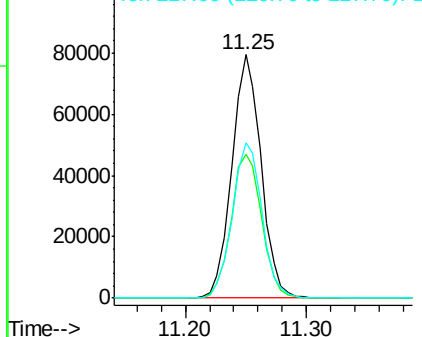


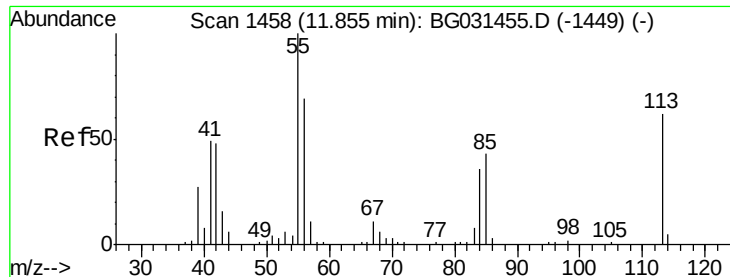
#34
Hexachlorobutadiene
Concen: 45.355 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:	225	Resp:	134089
Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.7	74.5
227	63.8	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

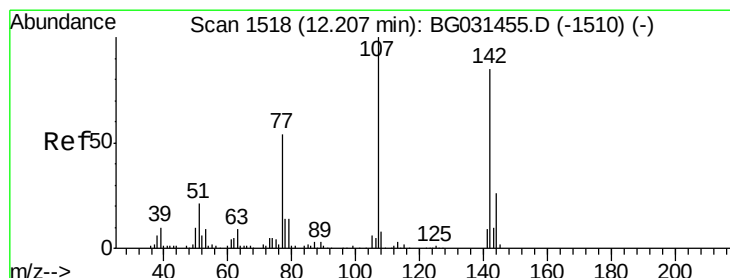
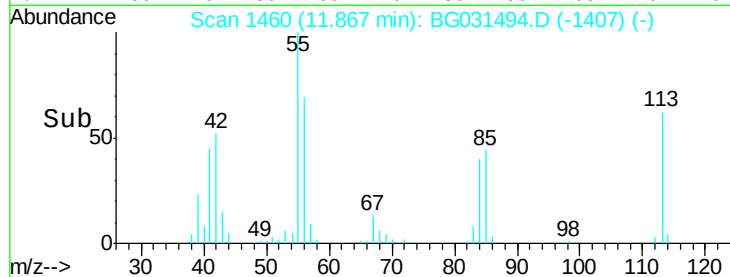
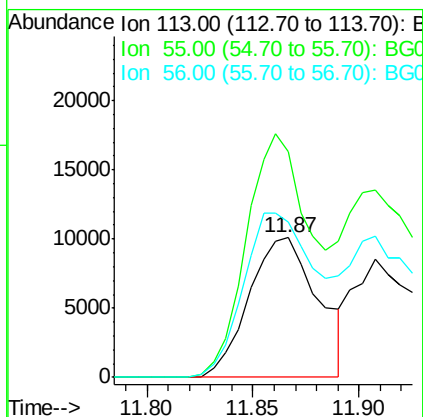
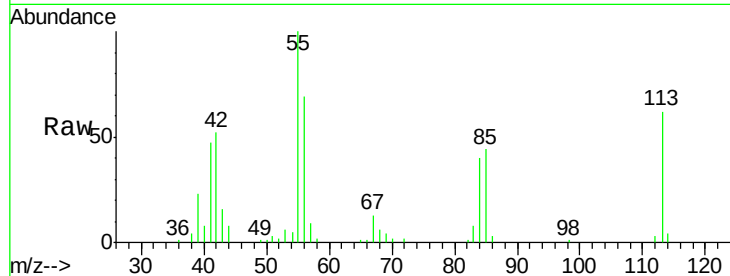




#35
 Caprolactam
 Concen: 16.815 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

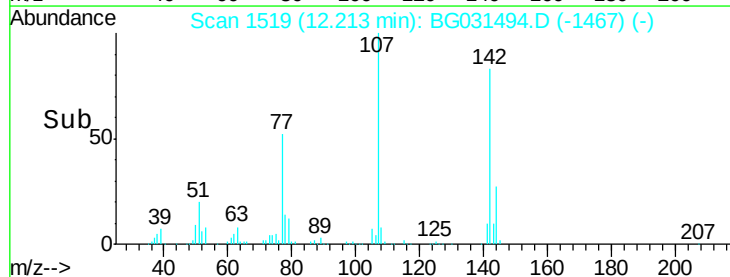
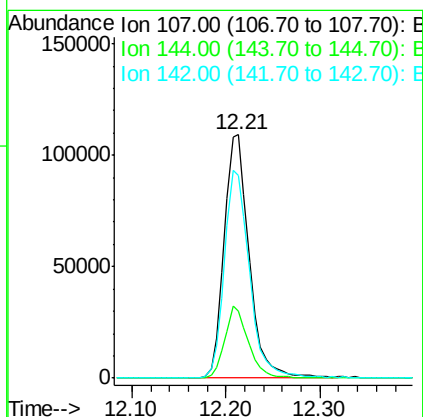
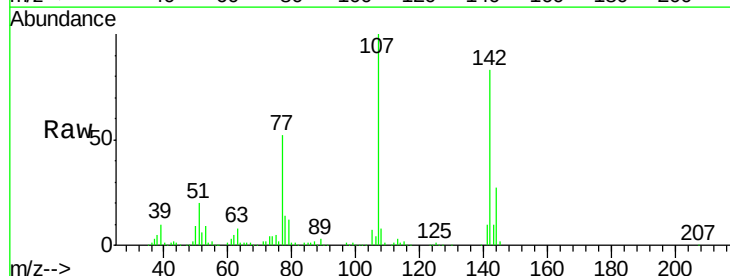
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

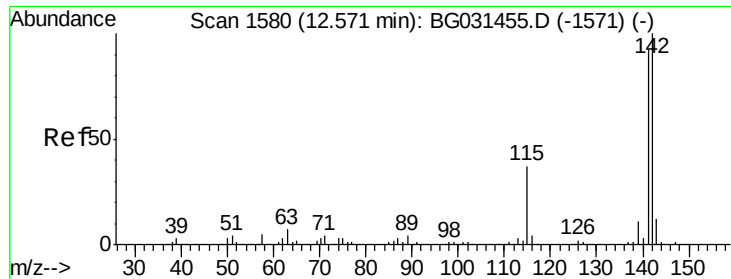
Tot Ion:113 Resp: 23039
 Ion Ratio Lower Upper
 113 100
 55 161.3 186.9 226.9#
 56 111.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 51.137 ng
 RT: 12.21 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:107 Resp: 203674
 Ion Ratio Lower Upper
 107 100
 144 27.4 18.2 27.4#
 142 83.2 59.0 88.4

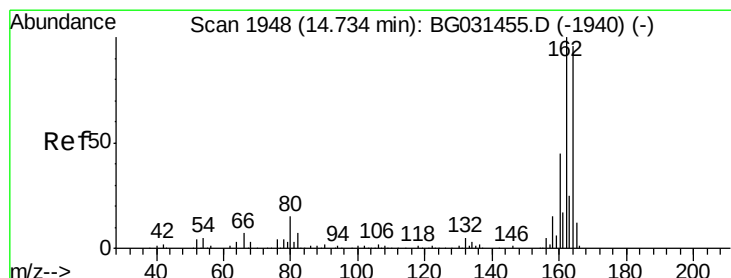
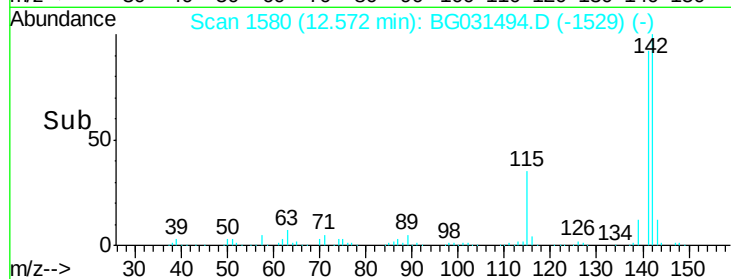
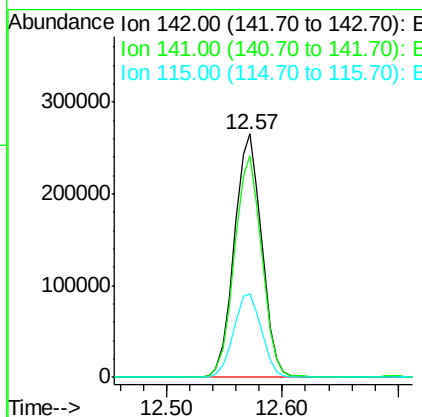
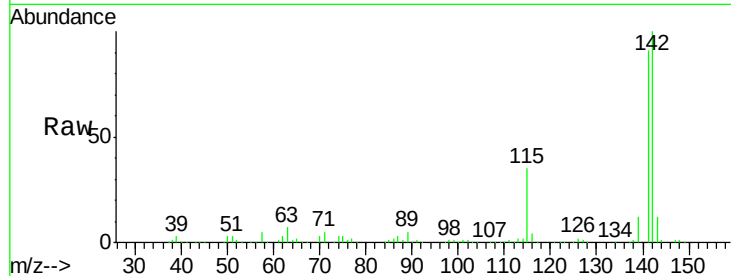




#37
2-Methylnaphthalene
Concen: 48.273 ng
RT: 12.57 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

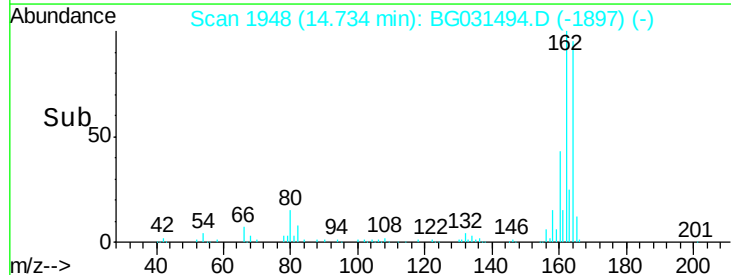
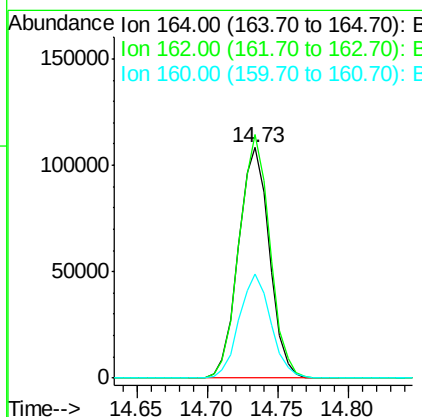
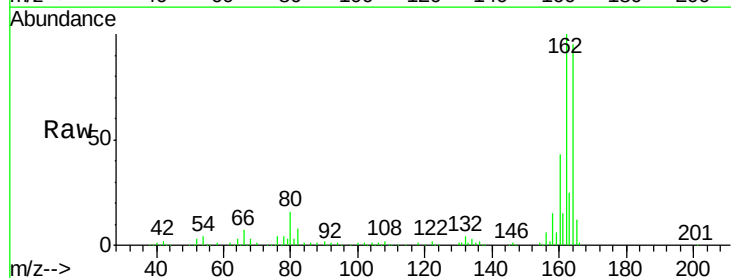
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

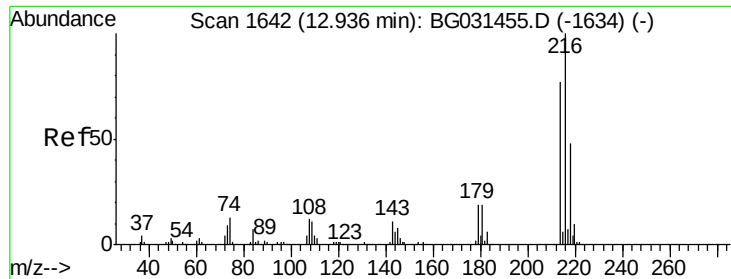
Tot Ion:142 Resp: 435463
Ion Ratio Lower Upper
142 100
141 91.3 67.1 100.7
115 34.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:164 Resp: 166520
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 45.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.823 ng

RT: 12.94 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

Tot Ion:216 Resp: 259170

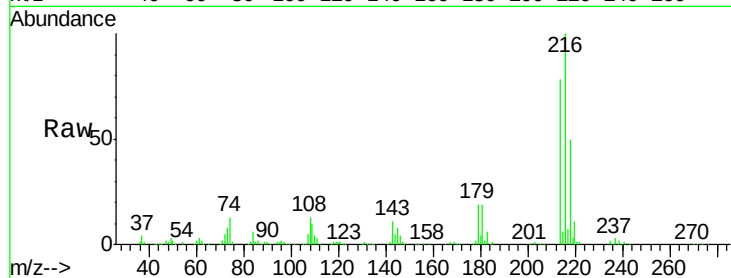
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 18.9 17.0 25.6

108 13.6 12.8 19.2

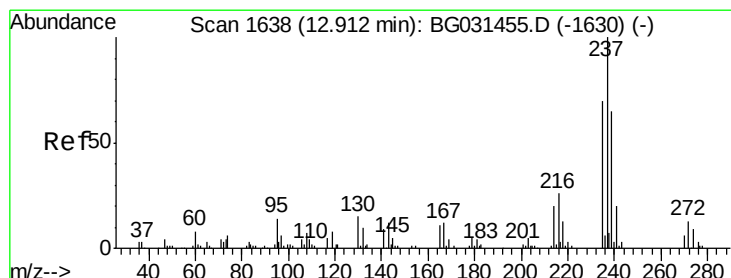
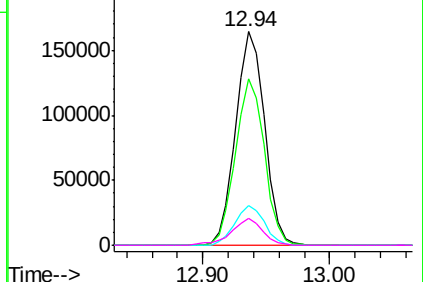
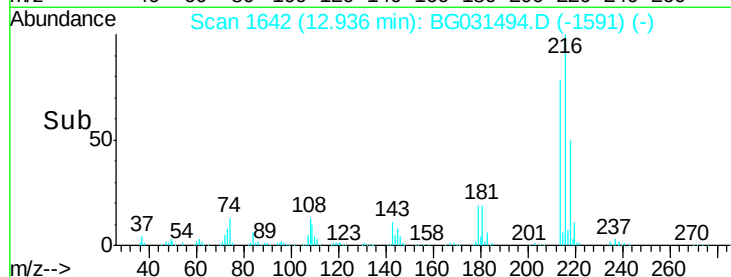


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.517 ng

RT: 12.91 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

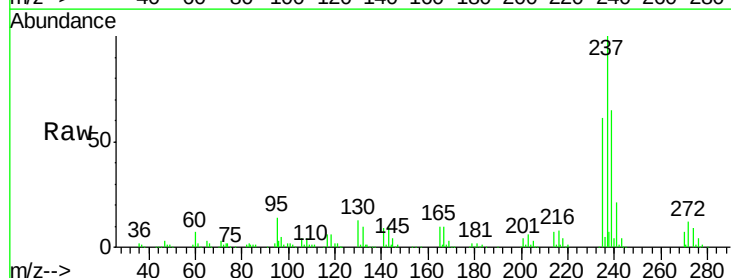
Tgt Ion:237 Resp: 177552

Ion Ratio Lower Upper

237 100

235 60.7 50.4 90.4

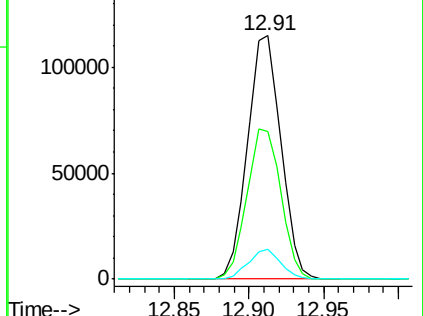
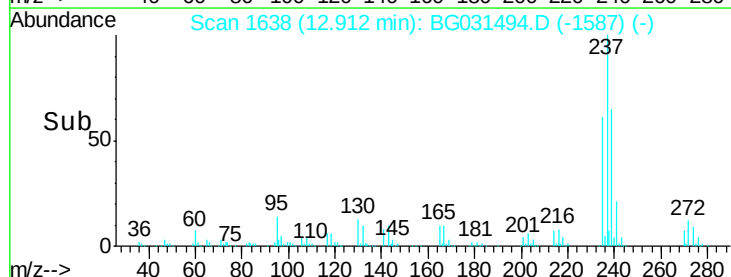
272 12.4 0.0 31.8

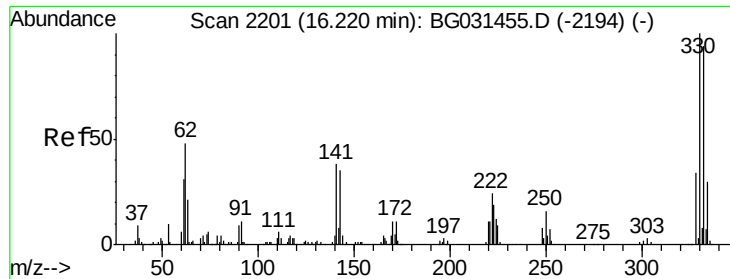


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

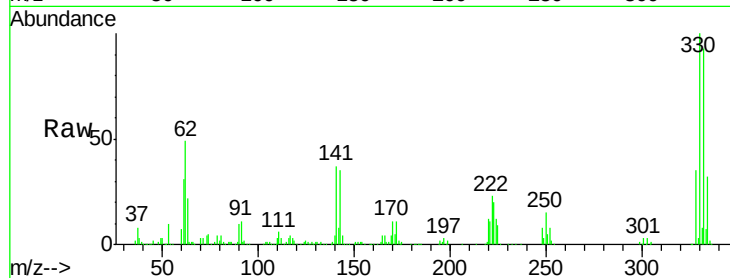




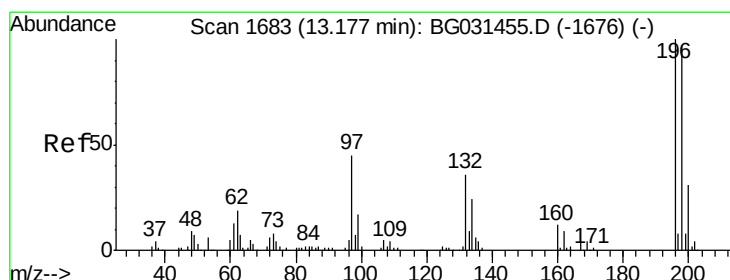
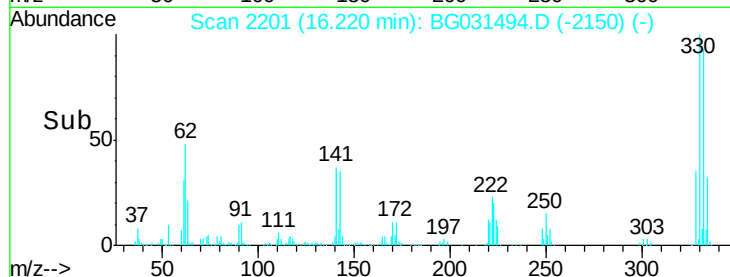
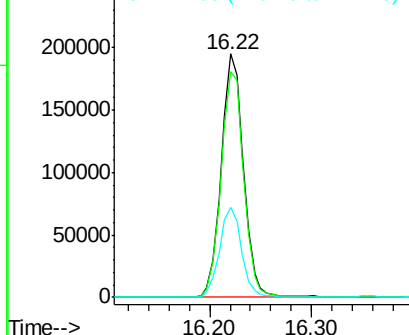
#41
 2,4,6-Tribromophenol
 Concen: 153.394 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:330 Resp: 299249
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.5 25.2 37.8

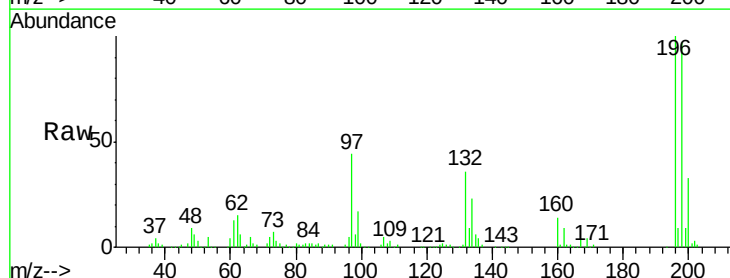


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

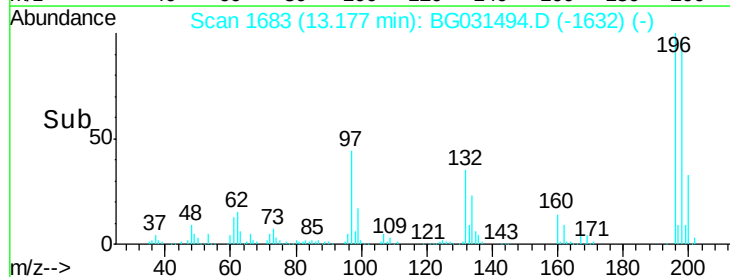
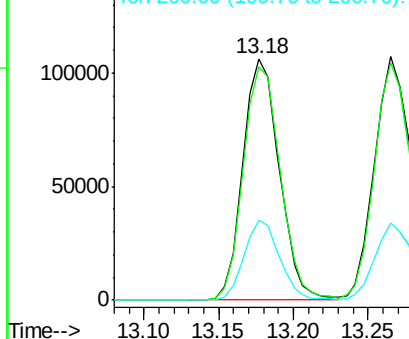


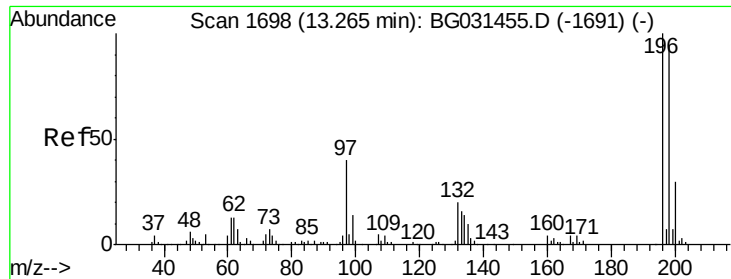
#42
 2,4,6-Trichlorophenol
 Concen: 53.911 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:196 Resp: 179254
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.2 117.2
 200 33.0 24.6 36.8



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

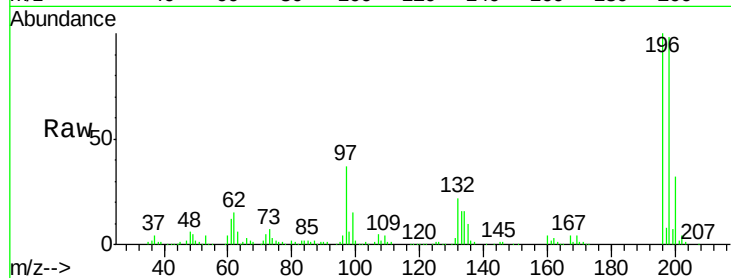




#43
 2,4,5-Trichlorophenol
 Concen: 55.167 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.6	76.2	114.4	
97	37.2	38.7	58.1	
132	22.1	20.2	30.2	



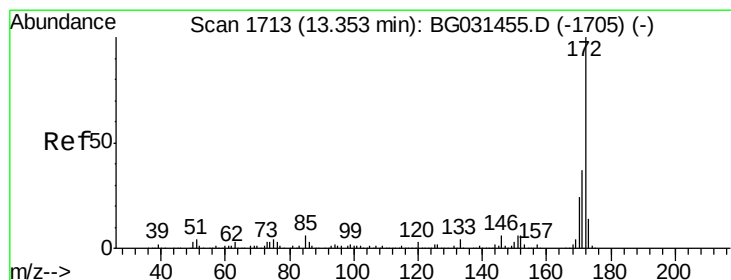
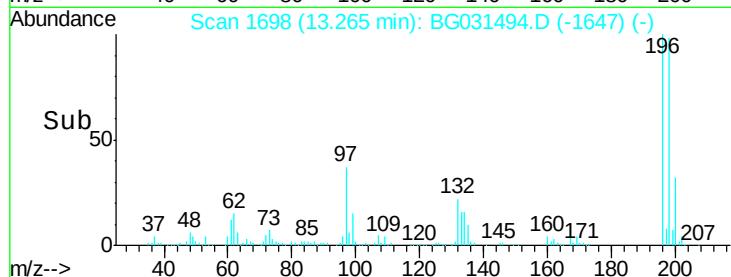
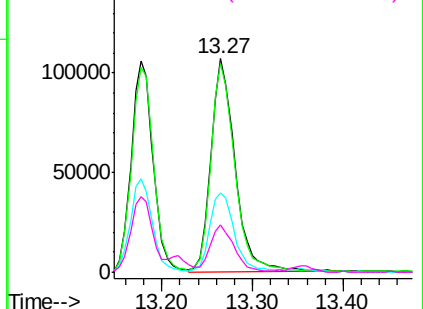
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

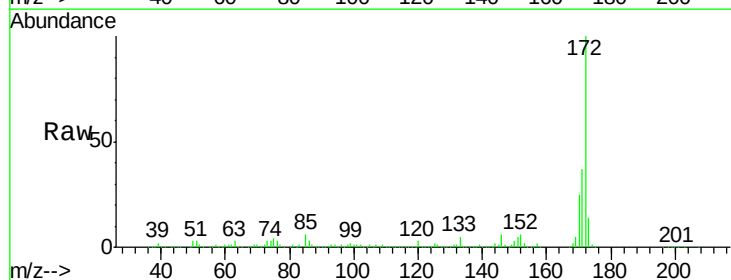
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.980 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.2	30.0	45.0	
170	24.6	19.5	29.3	

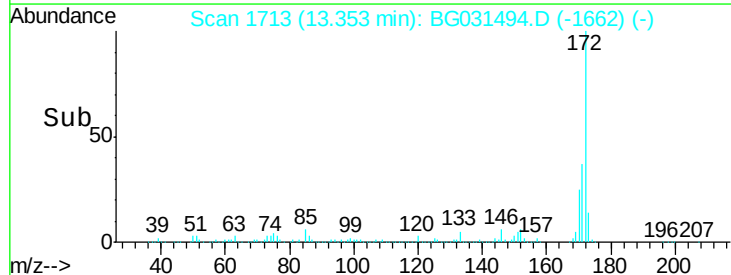
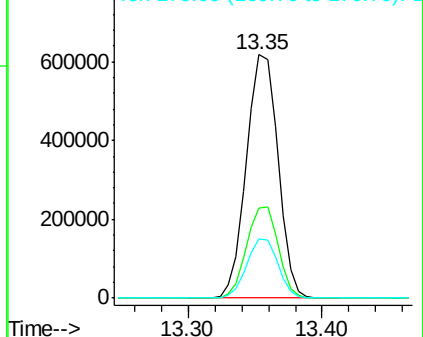


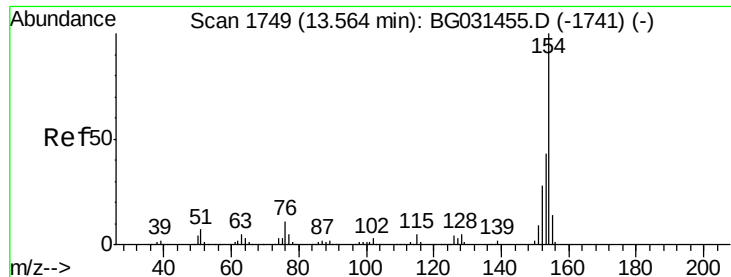
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

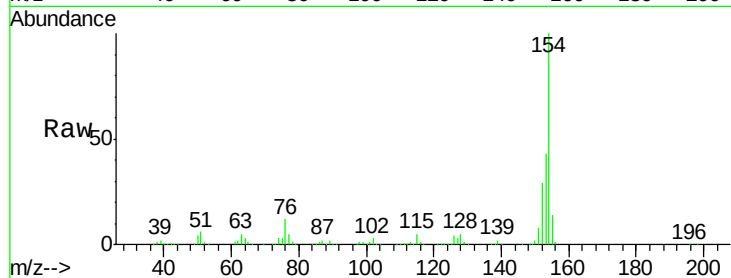




#45
 1,1'-Biphenyl
 Concen: 41.774 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	12.0	0.0	31.9

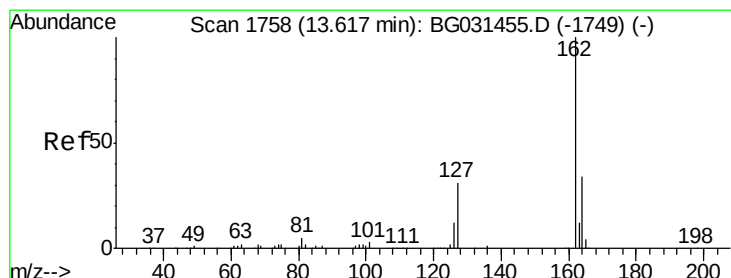
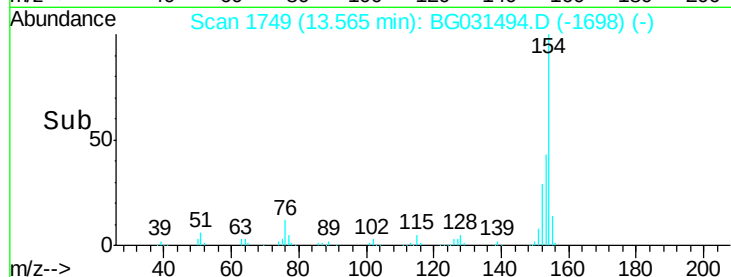
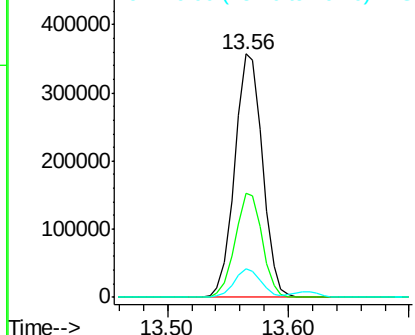


Abundance

Ion 154.00 (153.70 to 154.70): E

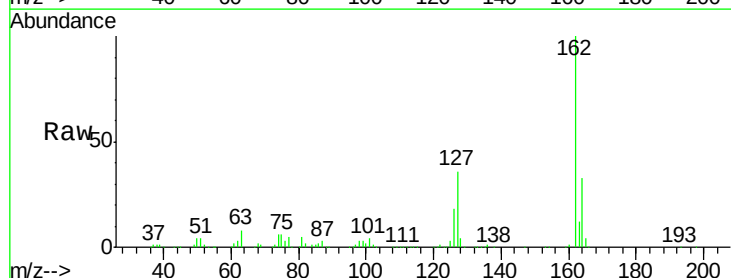
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 47.846 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.7	46.1
164	33.3	26.0	39.0

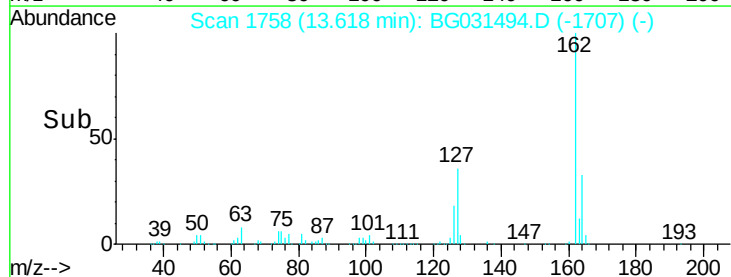
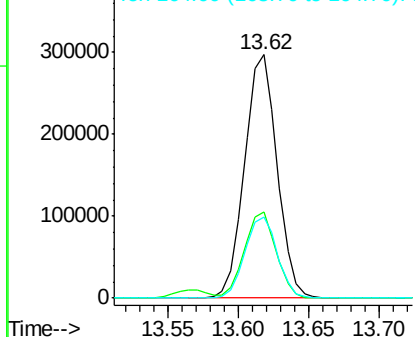


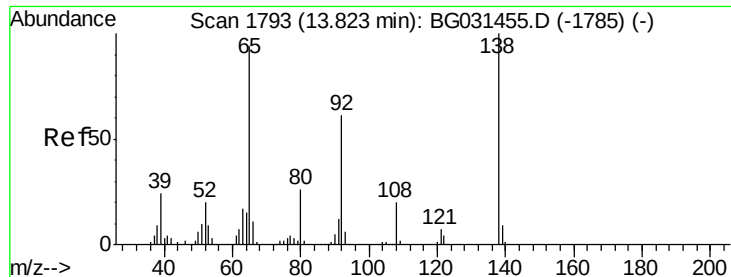
Abundance

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

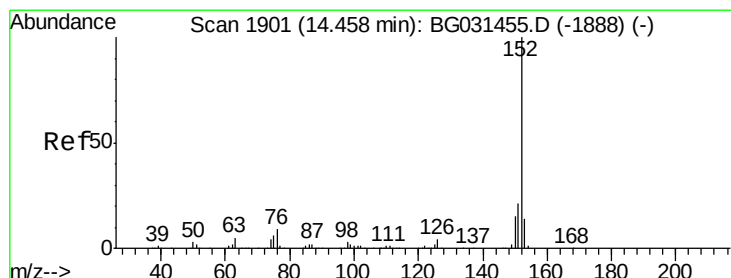
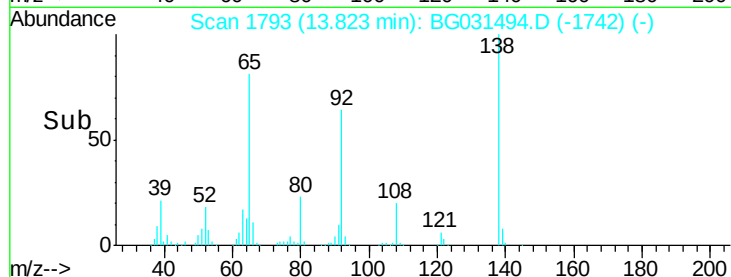
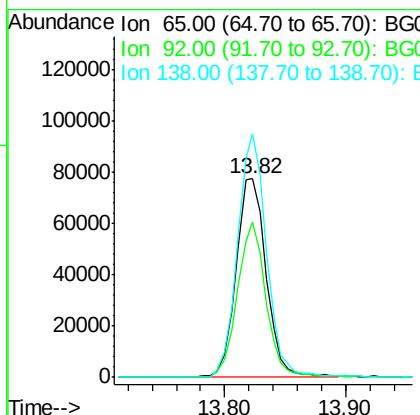
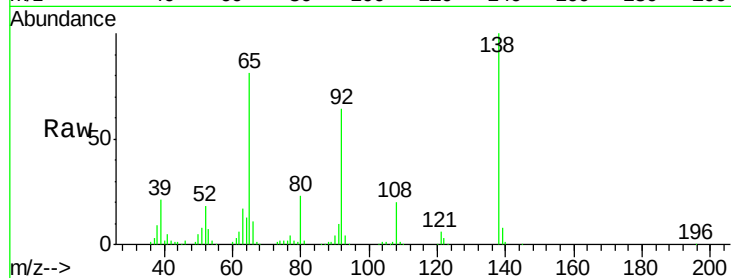




#47
2-Nitroaniline
Concen: 48.062 ng
RT: 13.82 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

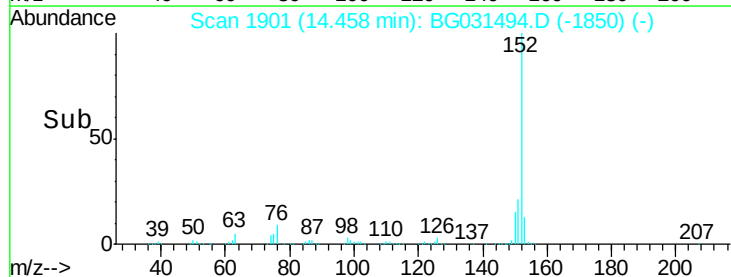
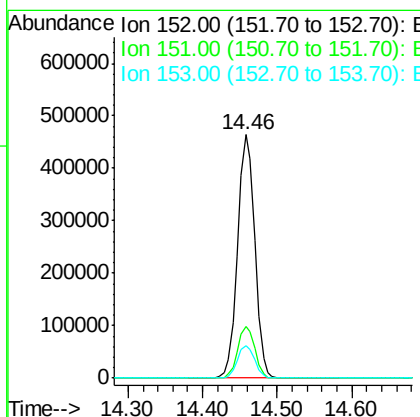
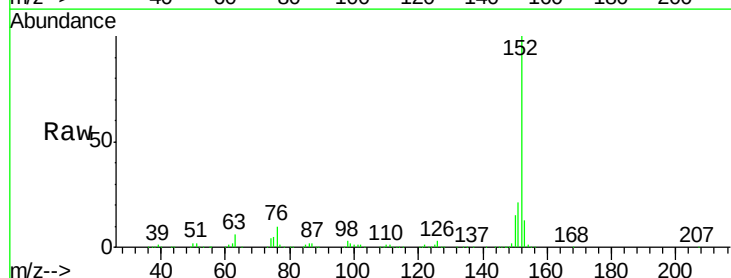
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

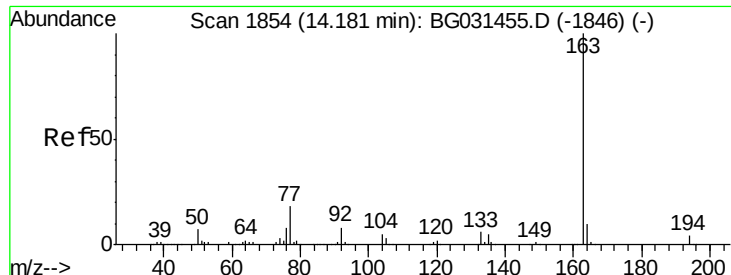
Tot Ion: 65 Resp: 135196
Ion Ratio Lower Upper
65 100
92 78.4 54.6 82.0
138 122.8 72.9 109.3#



#48
Acenaphthylene
Concen: 45.736 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion: 152 Resp: 736689
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 48.078 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

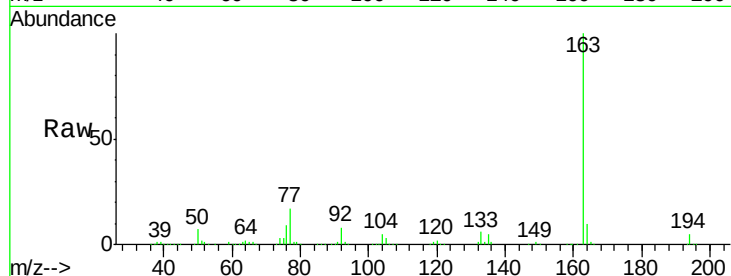
Tot Ion:163 Resp: 662809

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

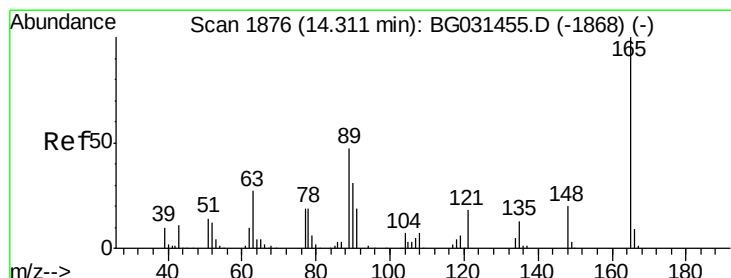
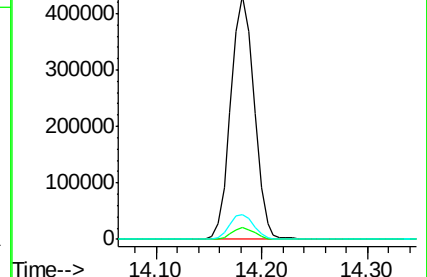
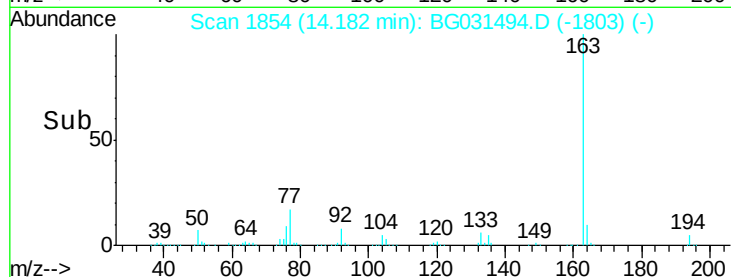
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.610 ng

RT: 14.31 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

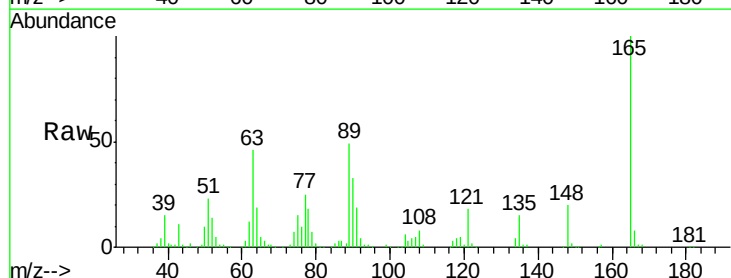
Tgt Ion:165 Resp: 149134

Ion Ratio Lower Upper

165 100

63 46.0 52.7 79.1#

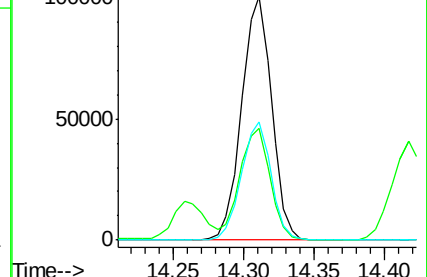
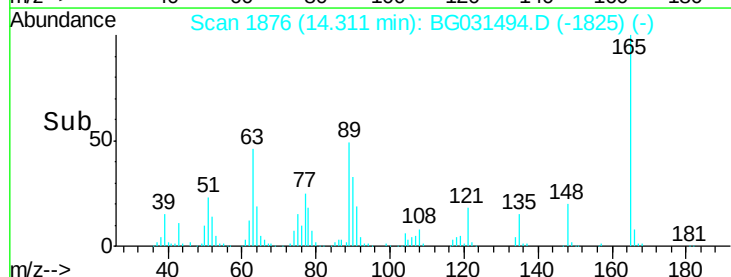
89 48.5 49.2 73.8#

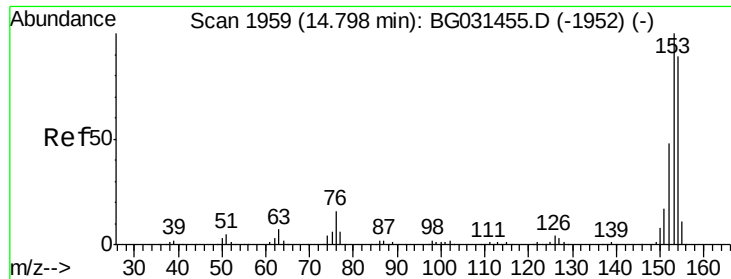


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.081 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

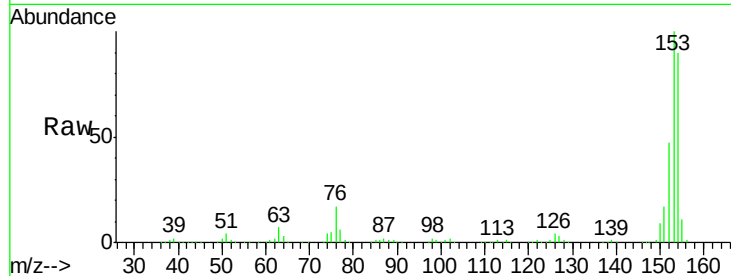
Tot Ion:154 Resp: 469322

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

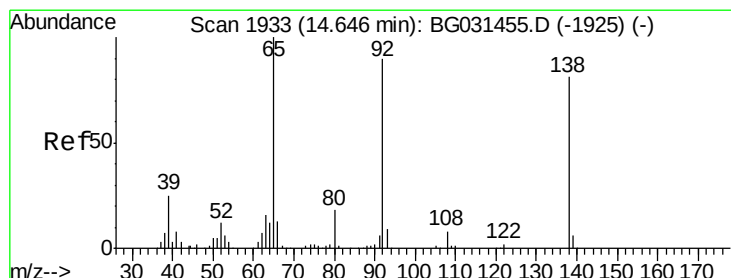
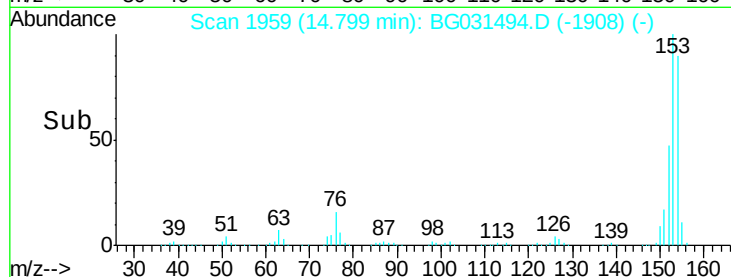
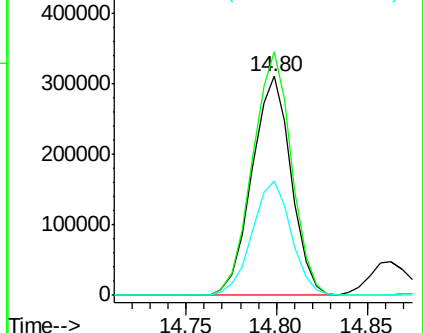
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.825 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

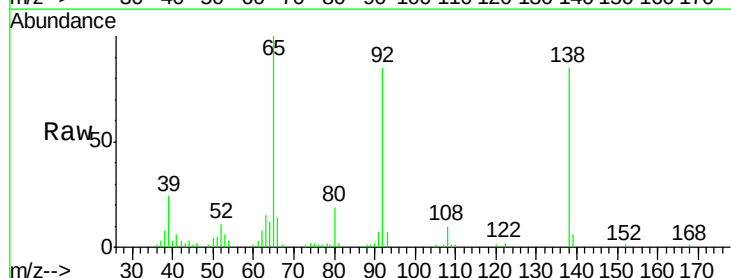
Tgt Ion:138 Resp: 41528

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

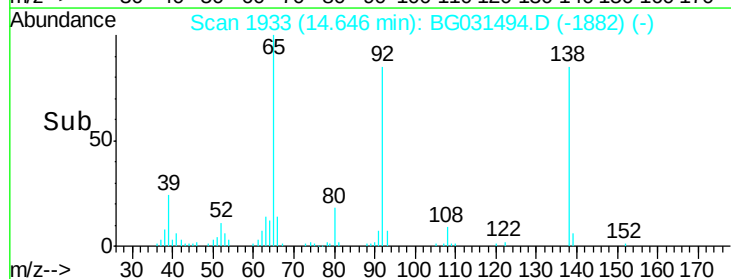
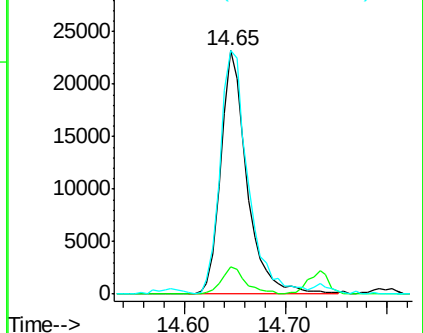
92 100.1 105.8 158.8#

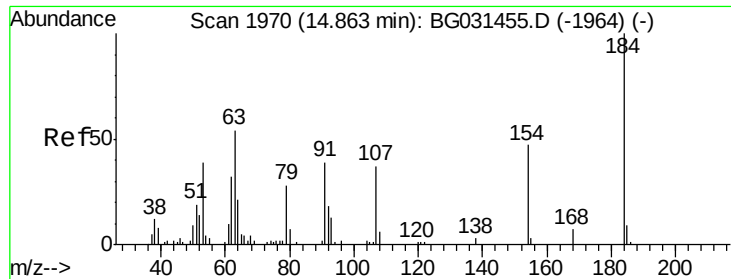


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

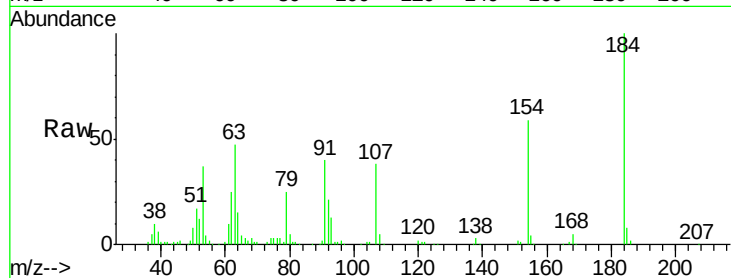




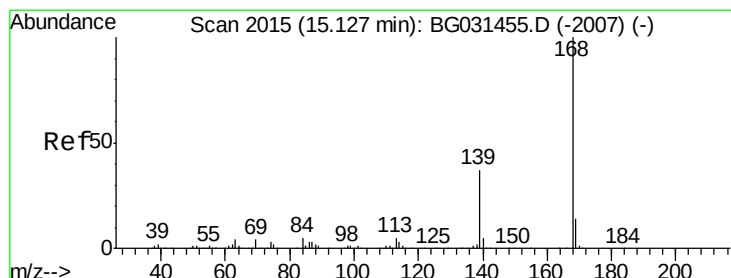
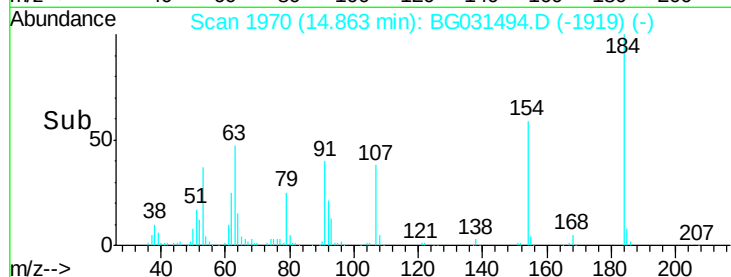
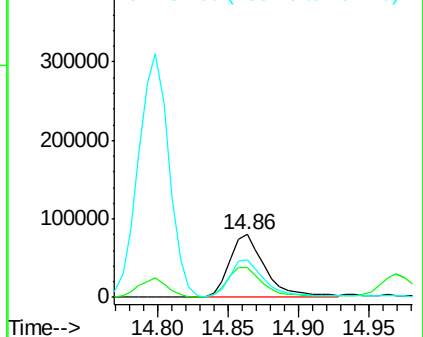
#53
 2,4-Dinitrophenol
 Concen: 111.188 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:184 Resp: 141620
 Ion Ratio Lower Upper
 184 100
 63 47.5 59.8 89.8#
 154 59.1 101.8 152.8#

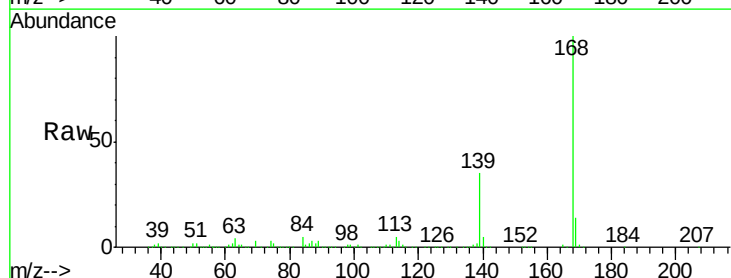


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

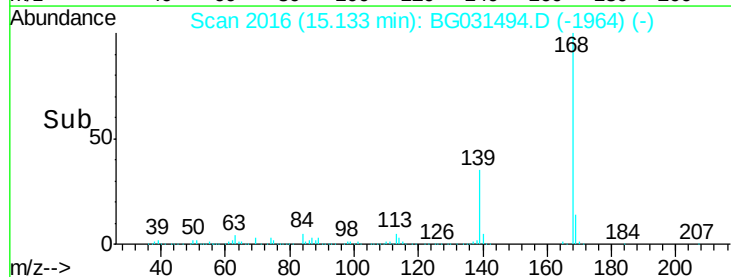
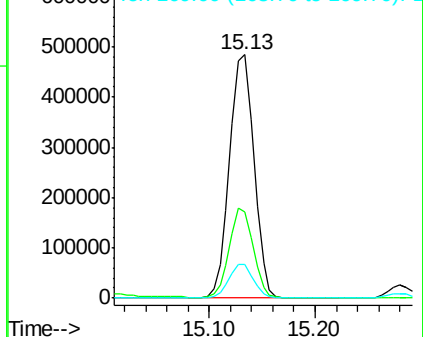


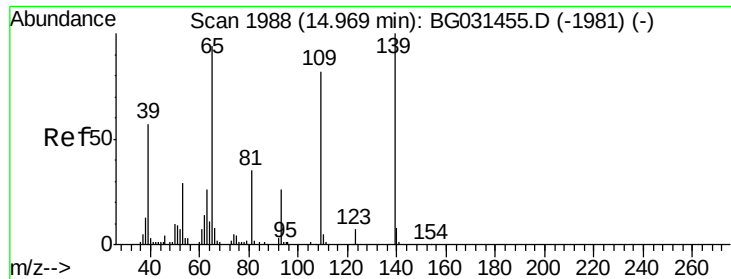
#54
 Dibenzofuran
 Concen: 47.713 ng
 RT: 15.13 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:168 Resp: 775449
 Ion Ratio Lower Upper
 168 100
 139 35.3 28.6 43.0
 169 13.8 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: 95.990 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

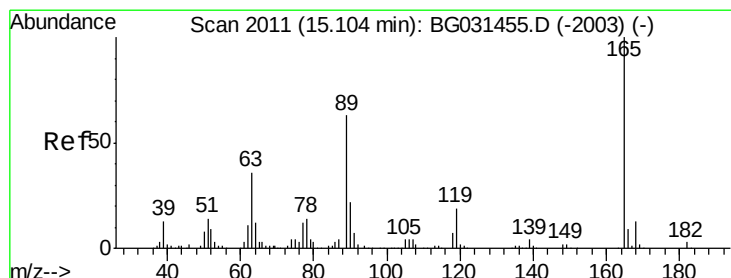
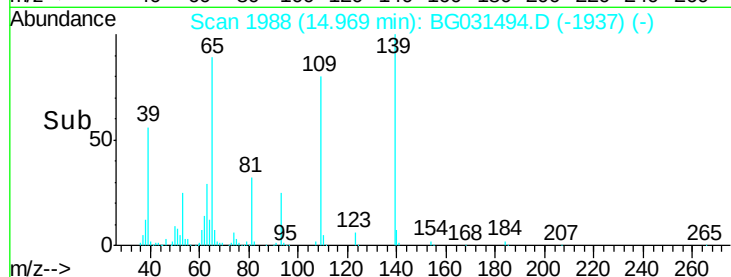
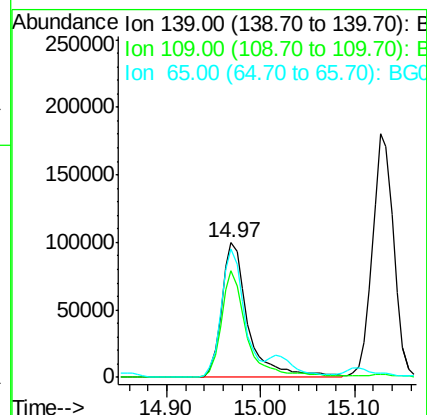
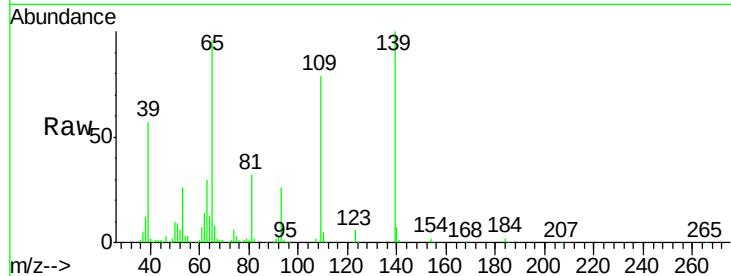
Tot Ion:139 Resp: 196334

Ion Ratio Lower Upper

139 100

109 79.4 62.2 102.2

65 95.6 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 52.366 ng

RT: 15.10 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Tgt Ion:165 Resp: 219168

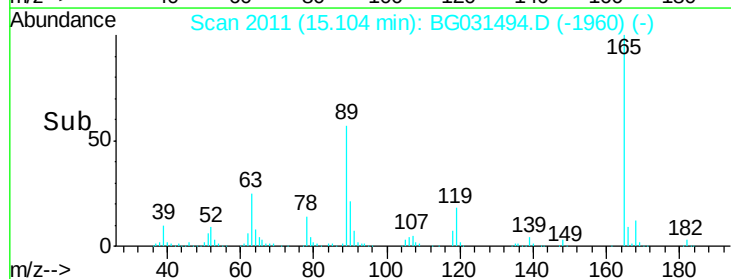
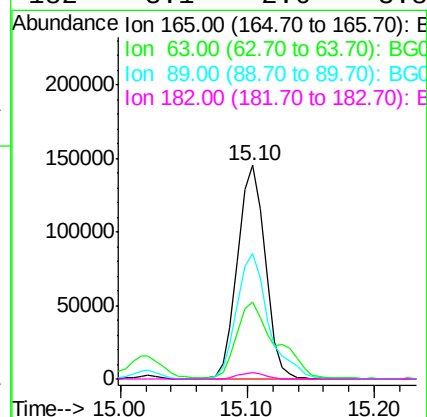
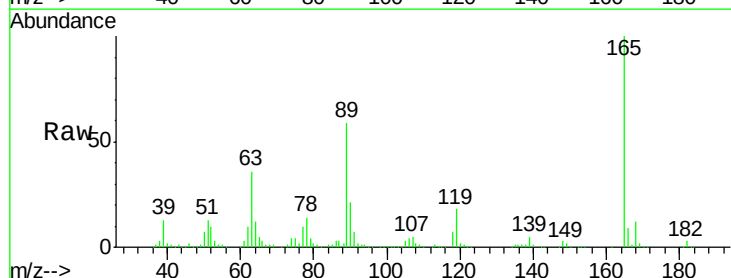
Ion Ratio Lower Upper

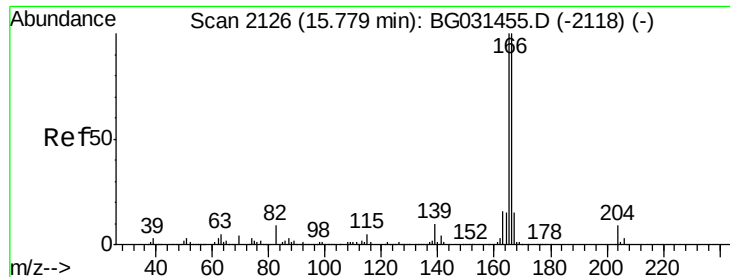
165 100

63 35.9 42.0 63.0#

89 58.5 66.9 100.3#

182 3.1 2.6 3.8

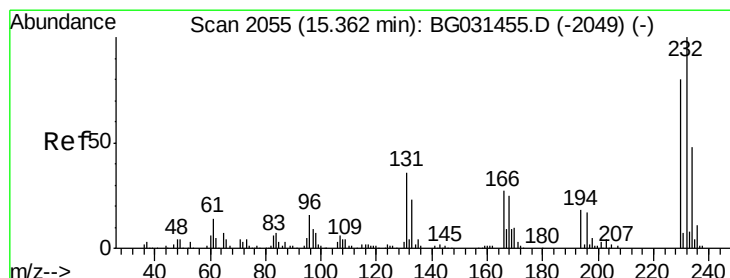
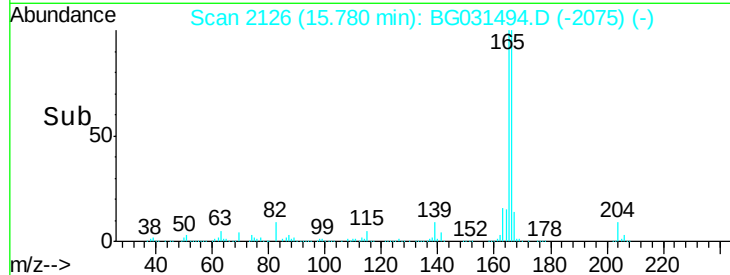
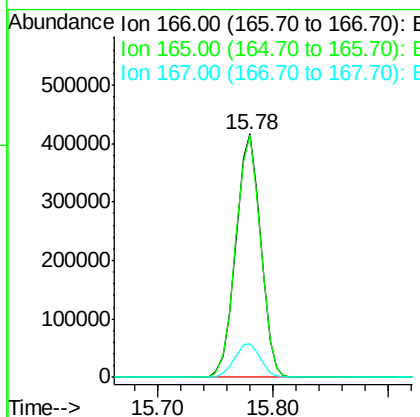
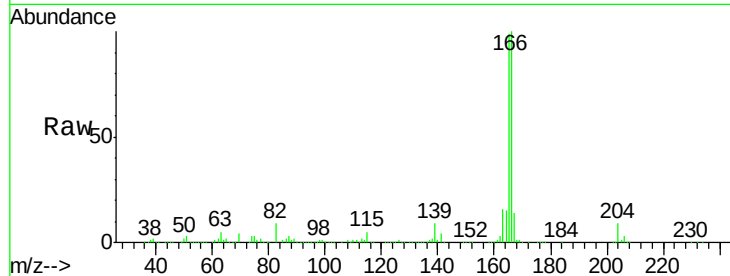




#57
 Fluorene
 Concen: 47.588 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

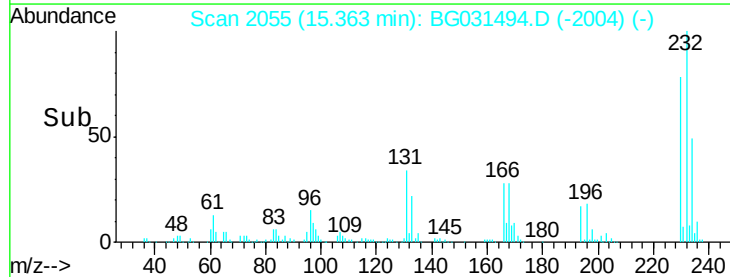
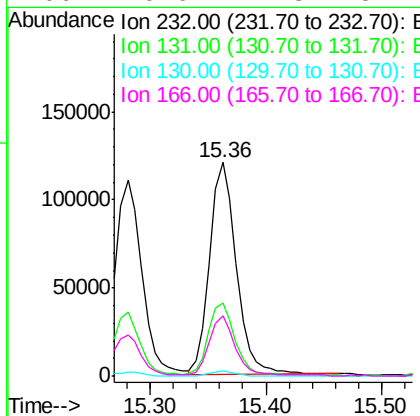
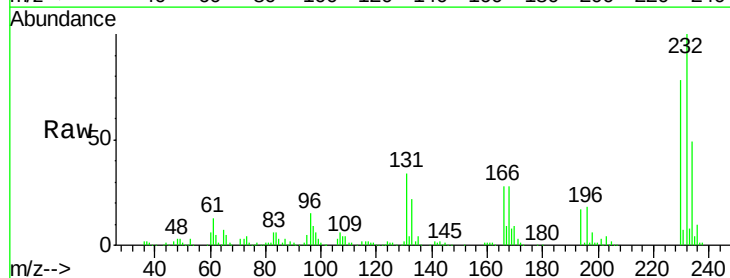
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

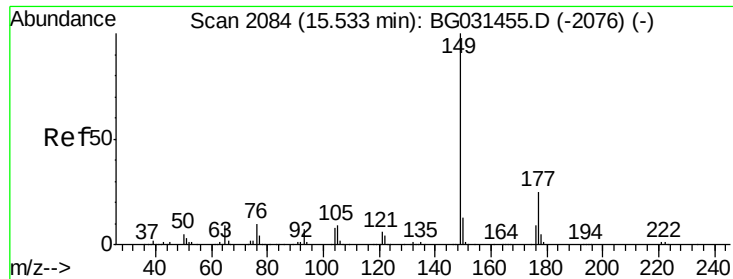
Tot Ion:166 Resp: 619716
 Ion Ratio Lower Upper
 166 100
 165 99.5 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.059 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:232 Resp: 195466
 Ion Ratio Lower Upper
 232 100
 131 33.6 33.5 50.3
 130 2.2 2.2 3.2
 166 26.6 24.8 37.2

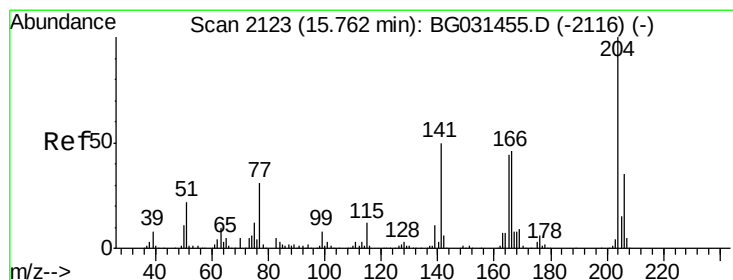
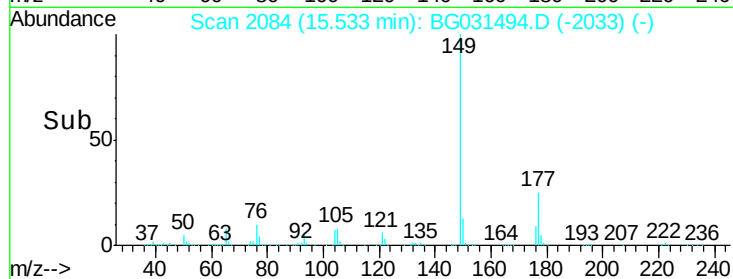
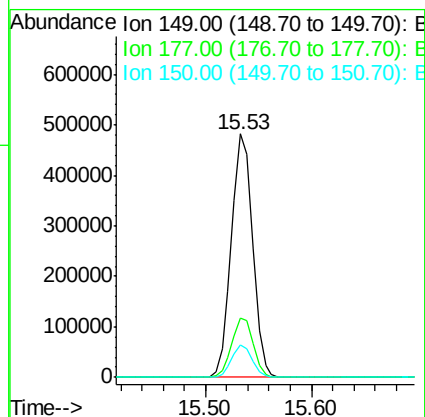
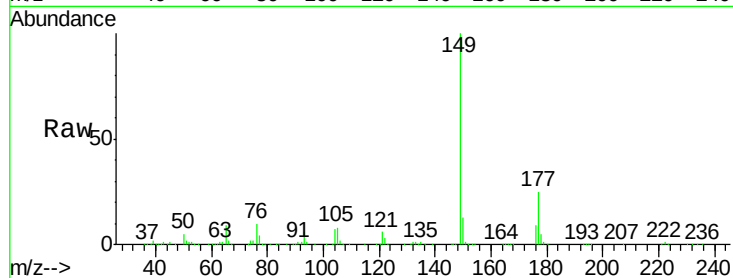




#59
Diethylphthalate
Concen: 48.399 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

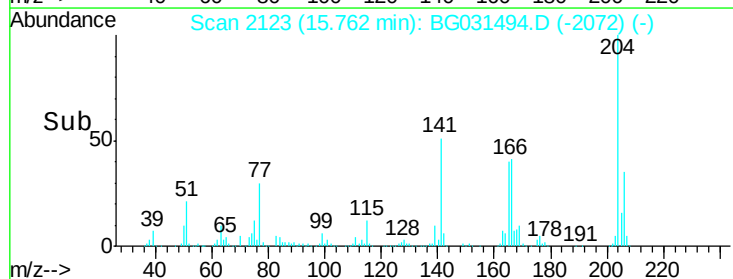
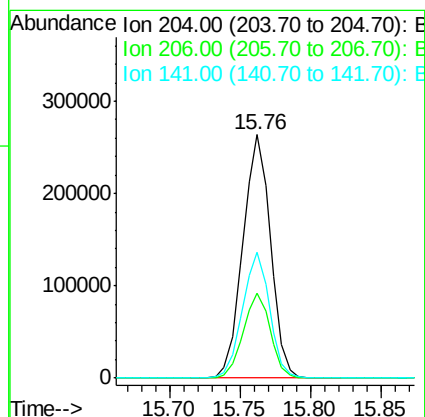
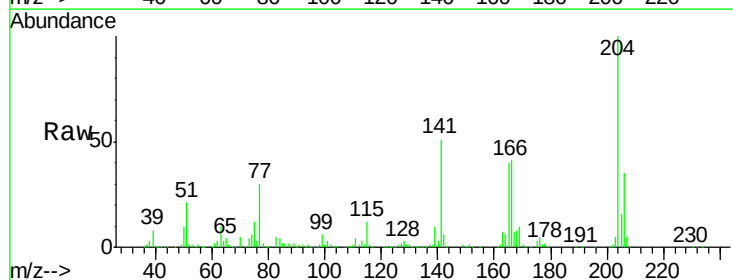
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

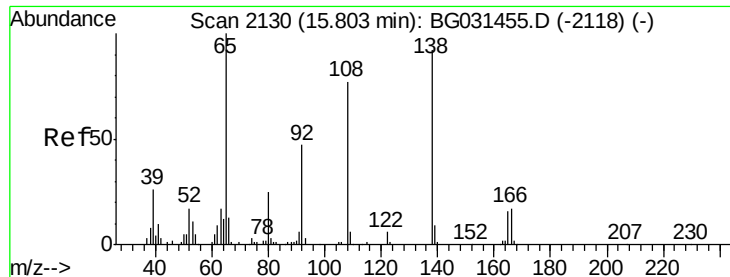
Tot Ion:149 Resp: 668818
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.384 ng
RT: 15.76 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:204 Resp: 361590
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.2
141 51.5 45.8 68.6

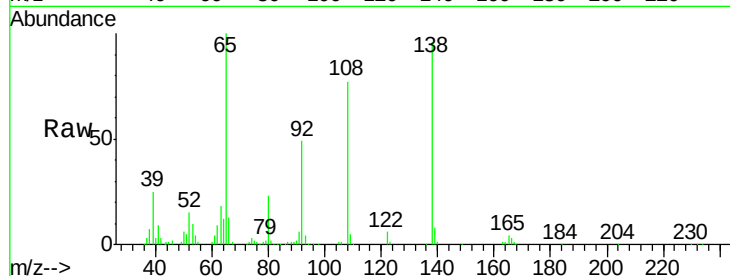




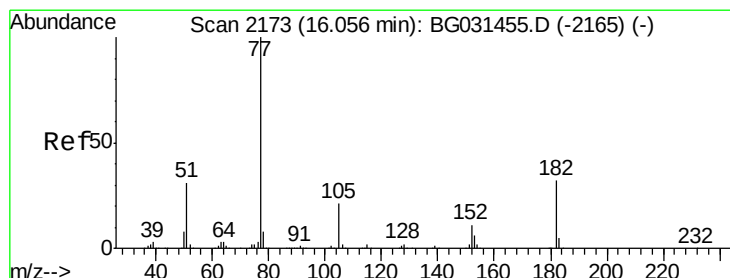
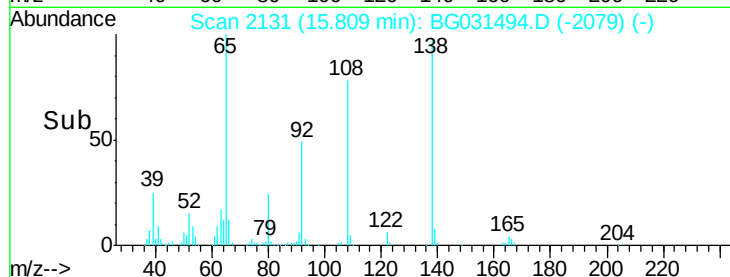
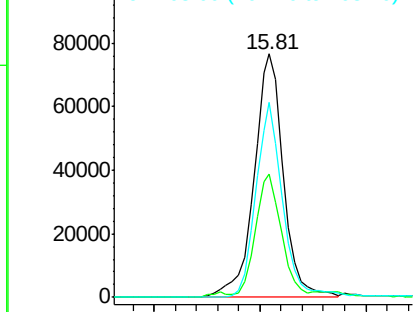
#61
4-Nitroaniline
Concen: 46.920 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

Tot Ion:138 Resp: 147905
Ion Ratio Lower Upper
138 100
92 50.5 40.1 80.1
108 80.0 65.4 105.4

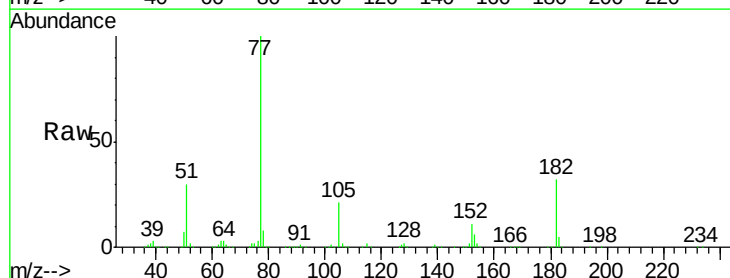


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

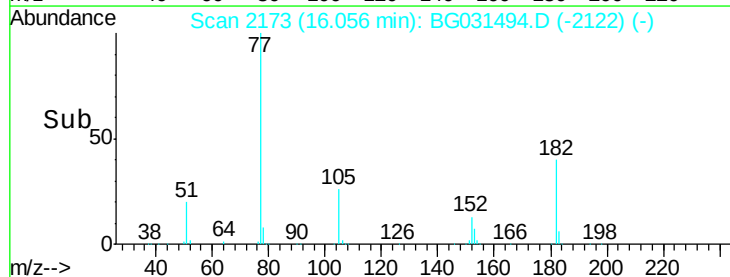
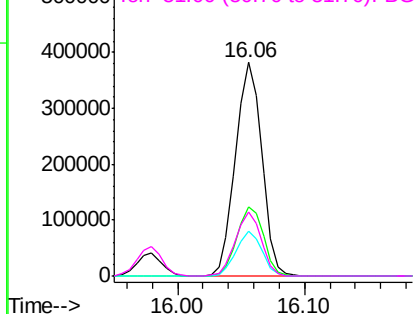


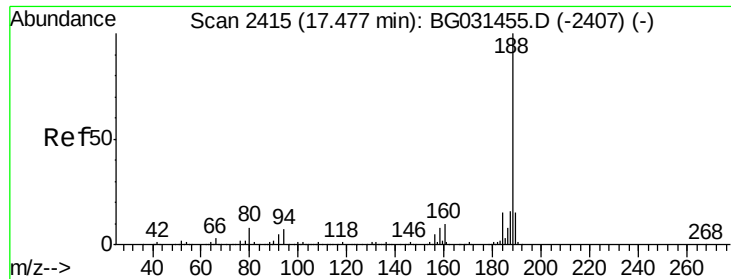
#62
Azobenzene
Concen: 47.745 ng
RT: 16.06 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion: 77 Resp: 546538
Ion Ratio Lower Upper
77 100
182 32.3 7.4 47.4
105 21.1 0.3 40.3
51 29.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

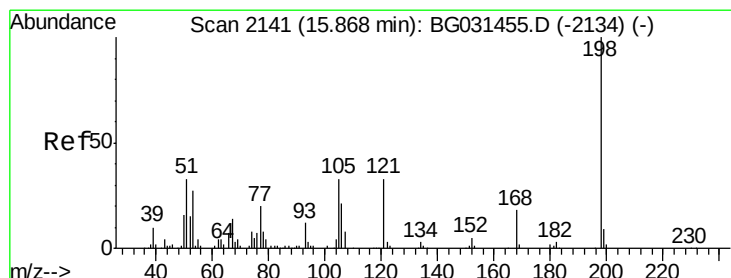
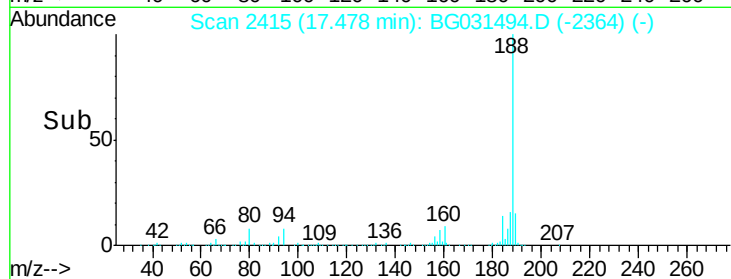
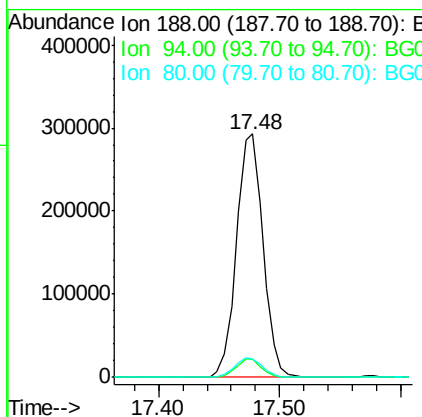
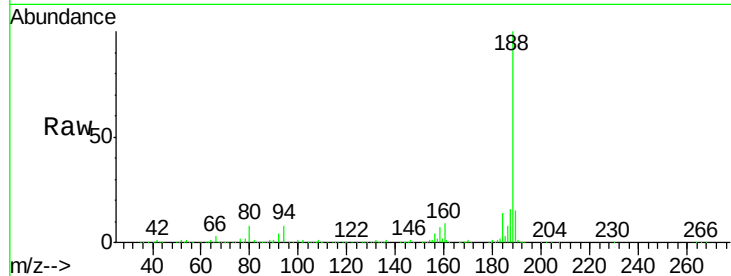




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

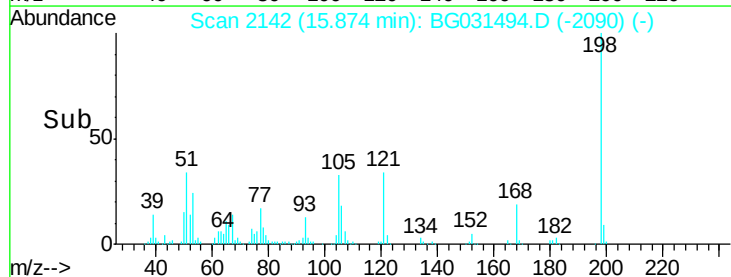
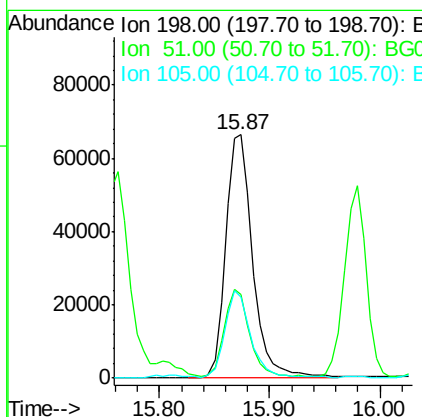
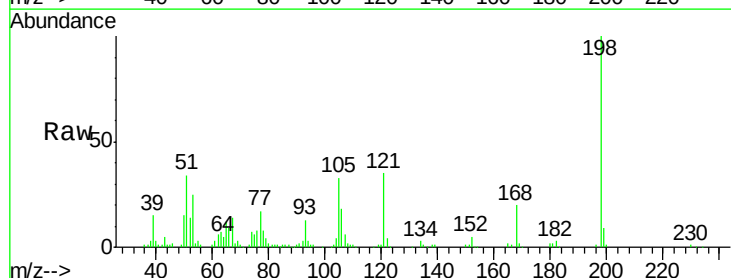
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

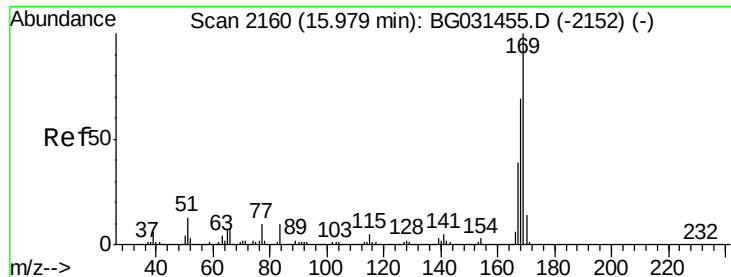
Tot Ion:188 Resp: 448528
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 7.7 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 42.573 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:198 Resp: 113901
Ion Ratio Lower Upper
198 100
51 34.1 30.6 70.6
105 33.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 44.597 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

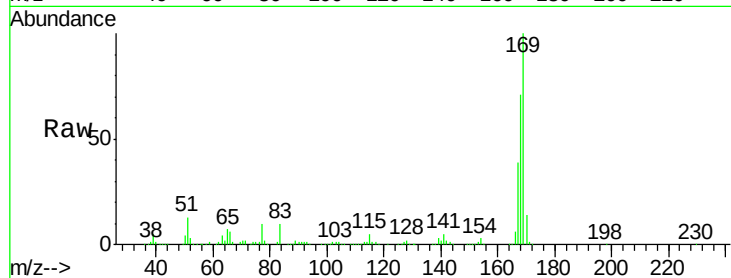
Tot Ion:169 Resp: 585499

Ion Ratio Lower Upper

169 100

168 70.6 55.7 83.5

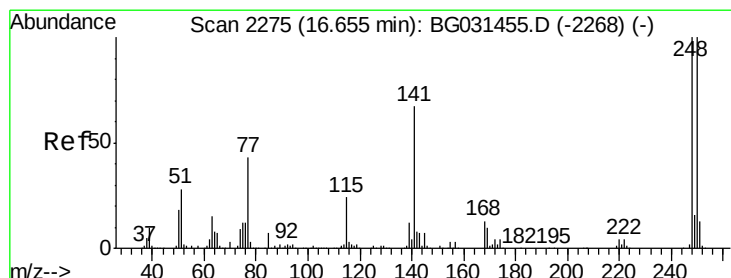
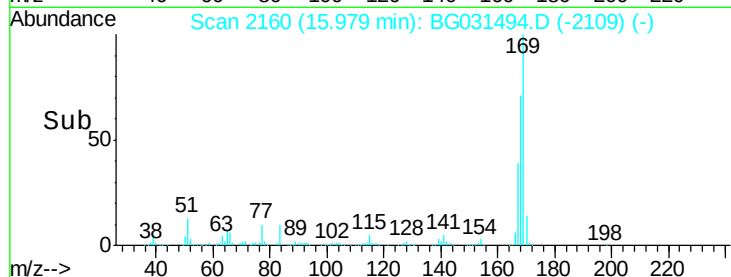
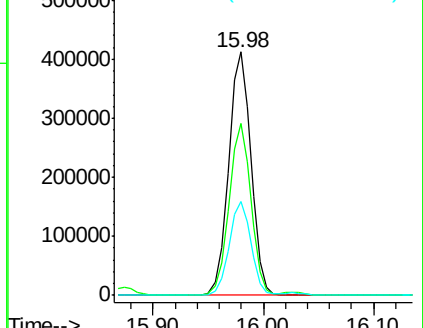
167 38.6 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.421 ng

RT: 16.66 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

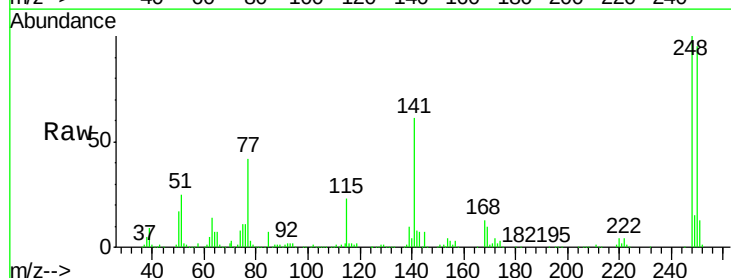
Tgt Ion:248 Resp: 242117

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

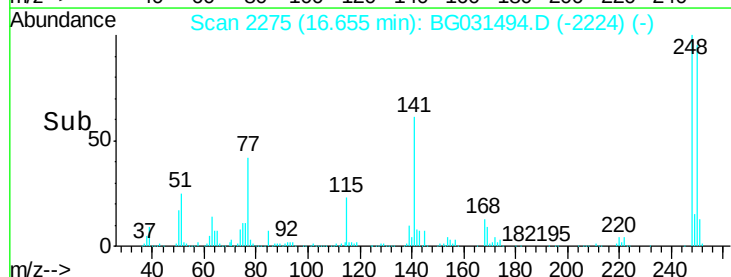
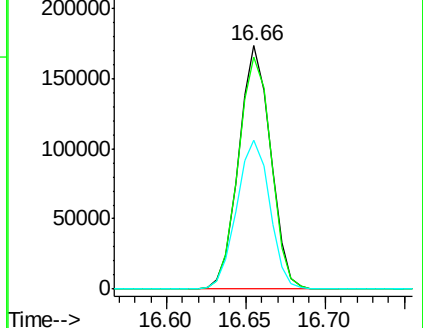
141 61.1 50.8 76.2

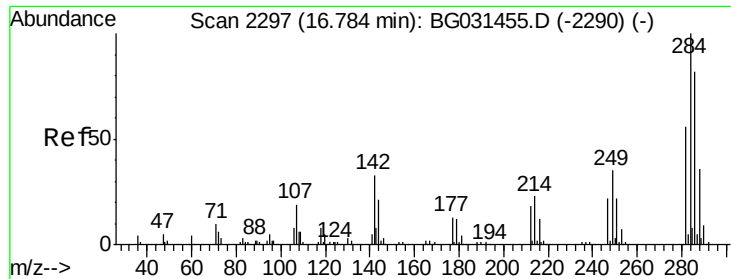


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.890 ng

RT: 16.78 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

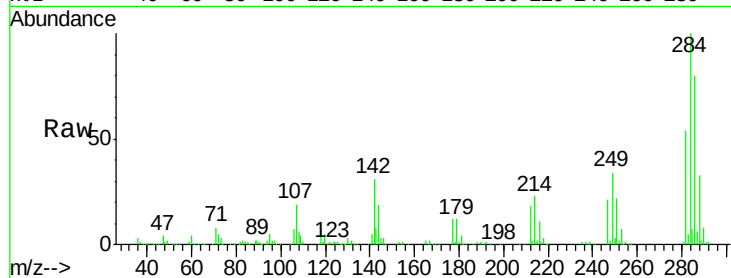
Tot Ion:284 Resp: 247152

Ion Ratio Lower Upper

284 100

142 30.9 26.8 40.2

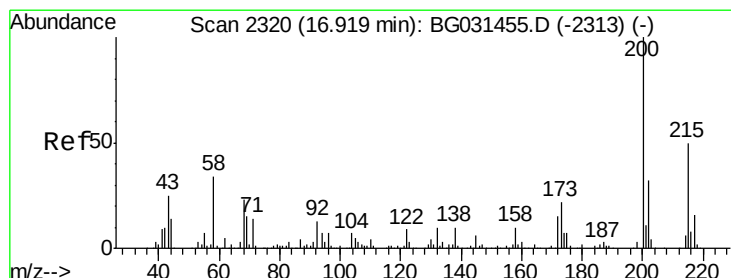
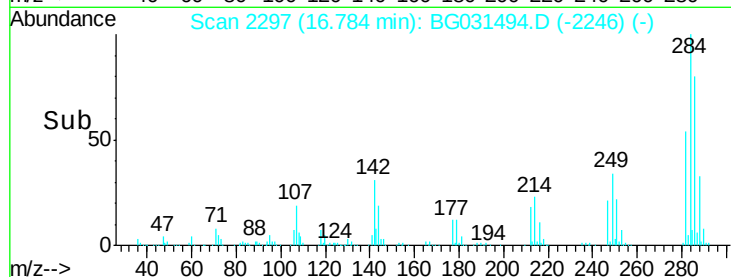
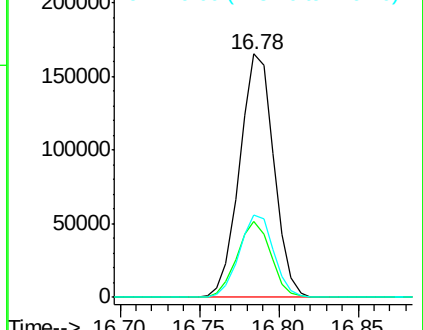
249 34.0 26.3 39.5



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: 51.286 ng

RT: 16.92 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

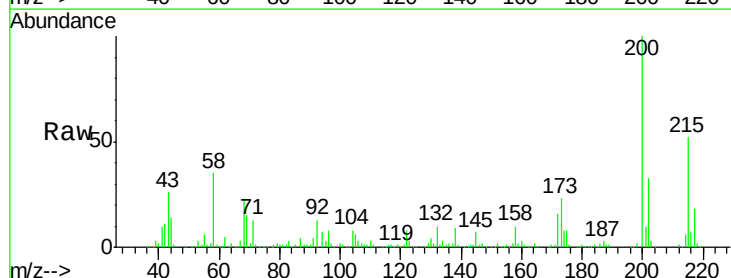
Tgt Ion:200 Resp: 246192

Ion Ratio Lower Upper

200 100

173 23.5 5.2 45.2

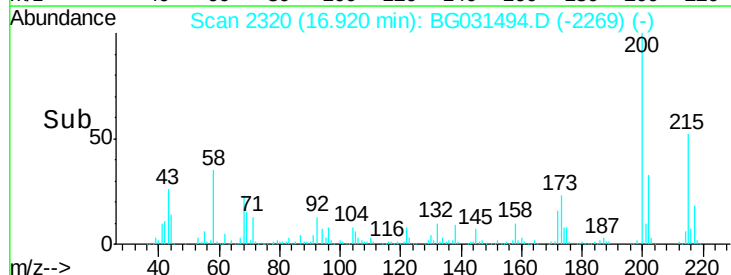
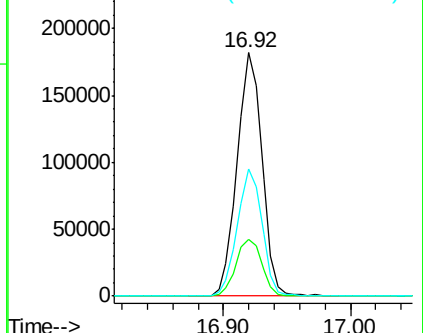
215 52.2 30.4 70.4

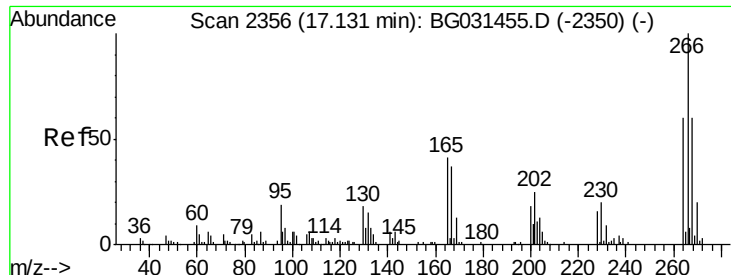


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

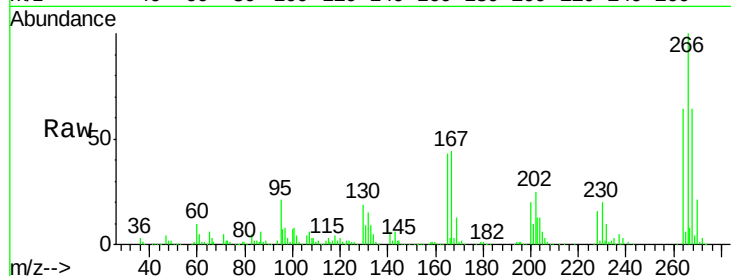




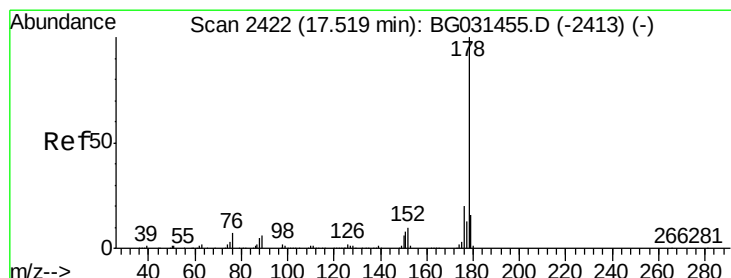
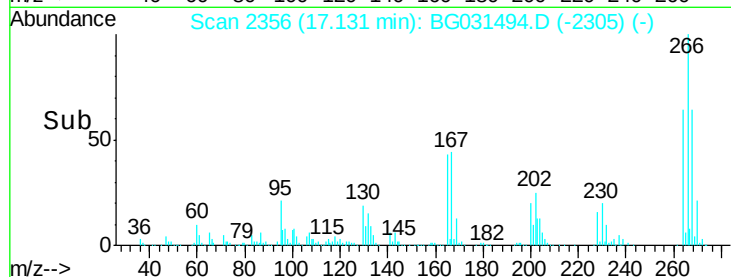
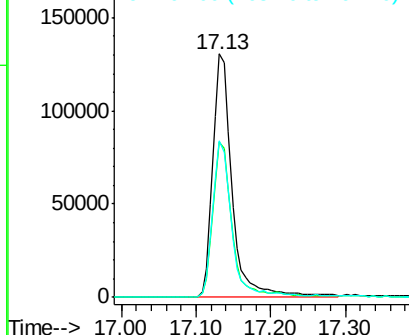
#69
 Pentachlorophenol
 Concen: 90.439 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:266 Resp: 236193
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.3 49.6 74.4

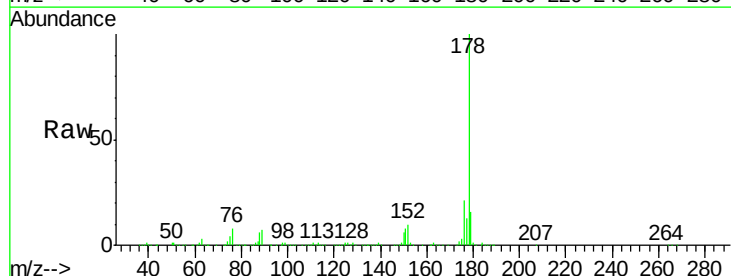


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

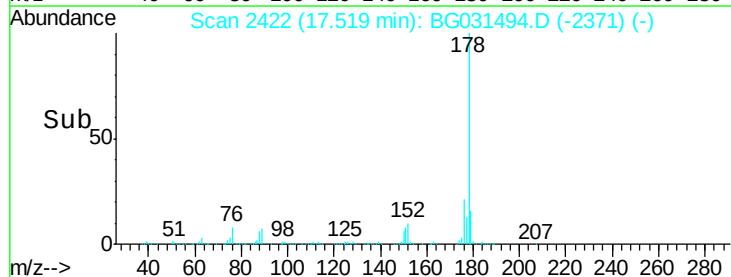
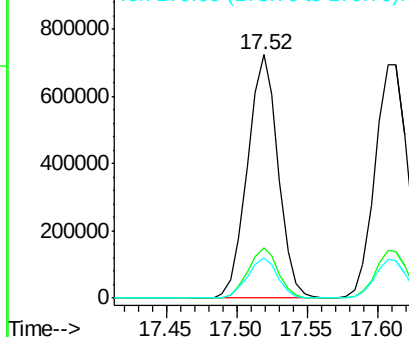


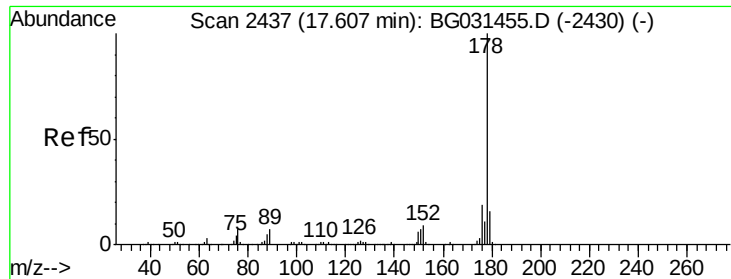
#70
 Phenanthrene
 Concen: 47.104 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:178 Resp: 1103404
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 16.3 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



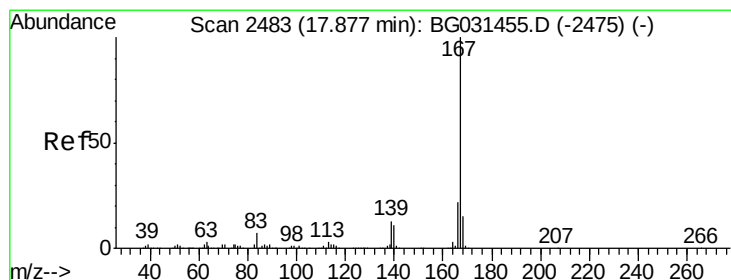
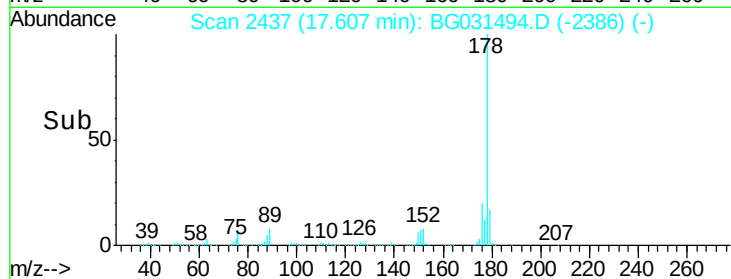
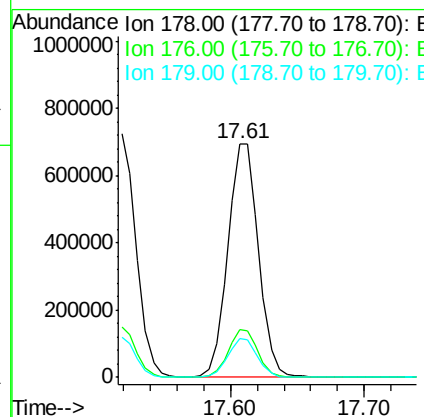
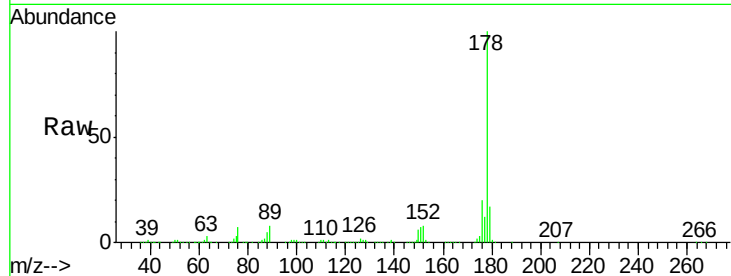


#71
 Anthracene
 Concen: 48.016 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:178 Resp: 1112412

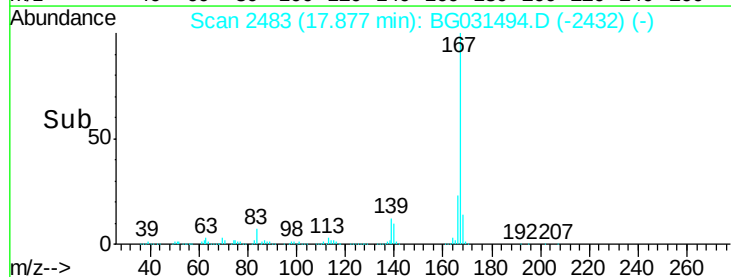
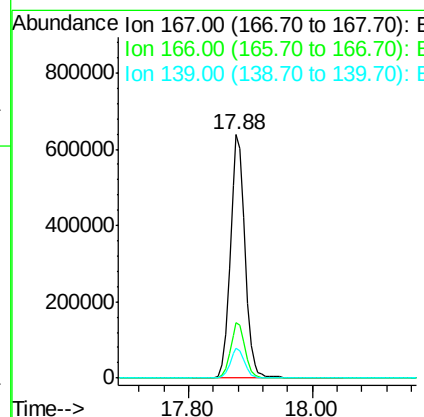
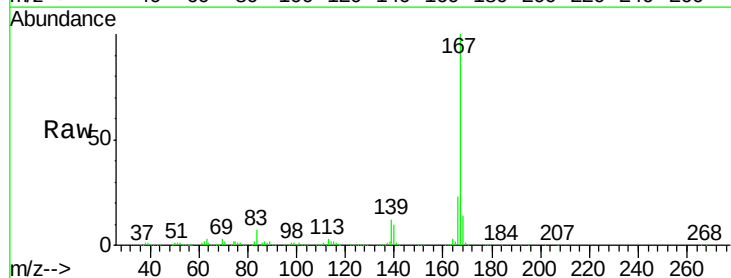
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.6	12.5	18.7

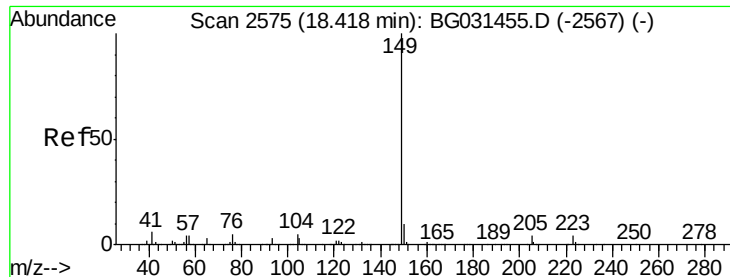


#72
 Carbazole
 Concen: 50.222 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:167 Resp: 1052921

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.435 ng

RT: 18.42 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

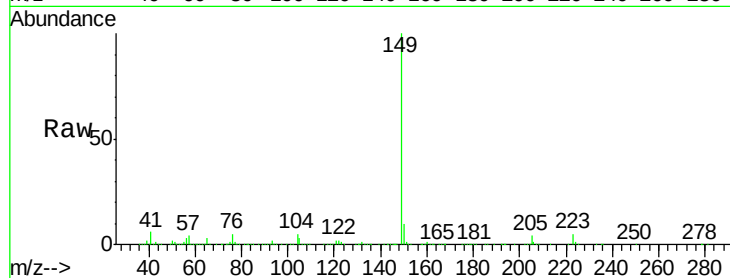
Tot Ion:149 Resp: 1196871

Ion Ratio Lower Upper

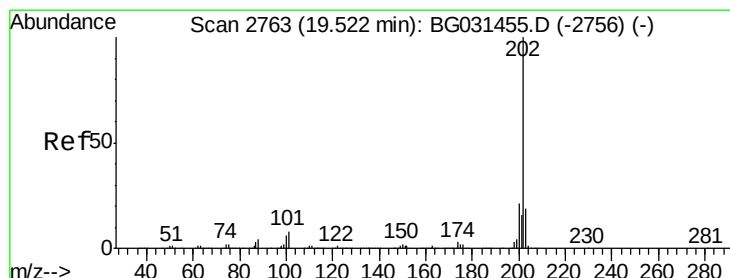
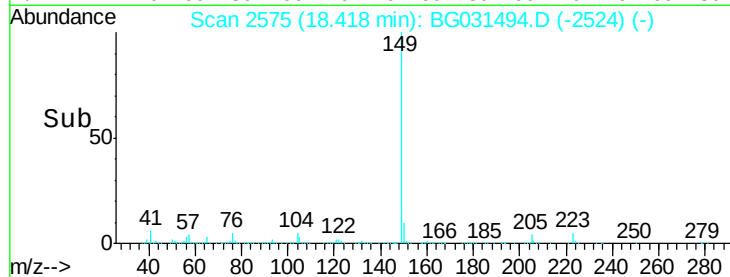
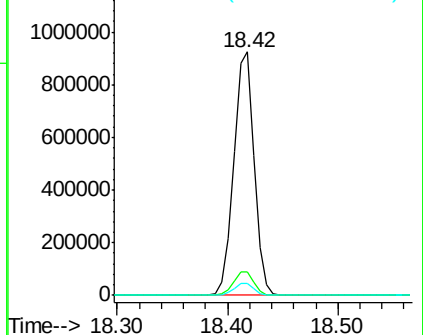
149 100

150 9.7 7.8 11.6

104 5.0 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: 48.429 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

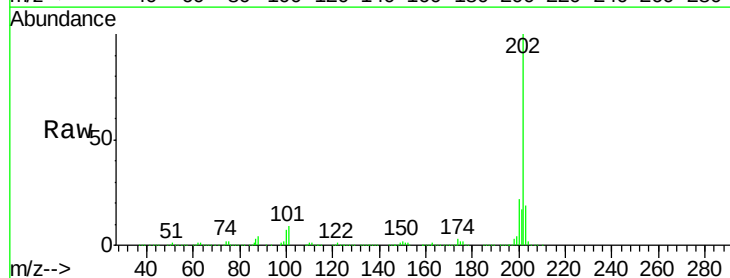
Tgt Ion:202 Resp: 1419722

Ion Ratio Lower Upper

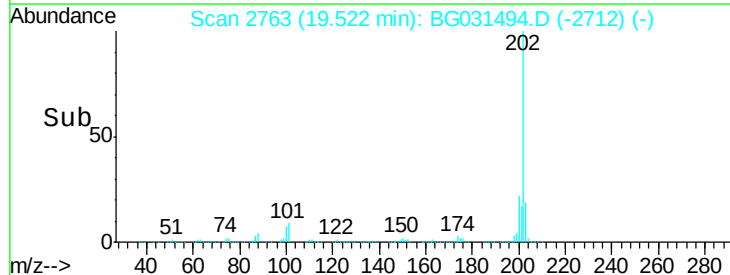
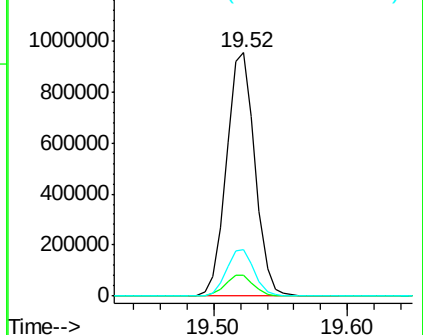
202 100

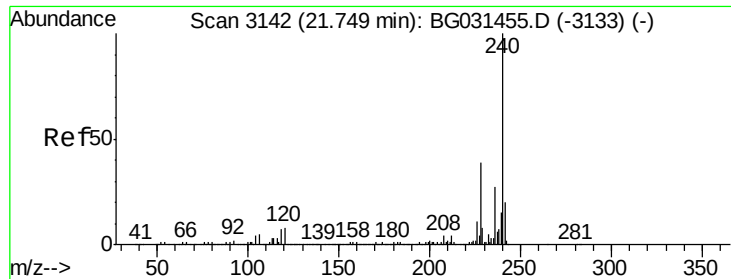
101 8.5 0.0 28.9

203 19.0 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: 21.75 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

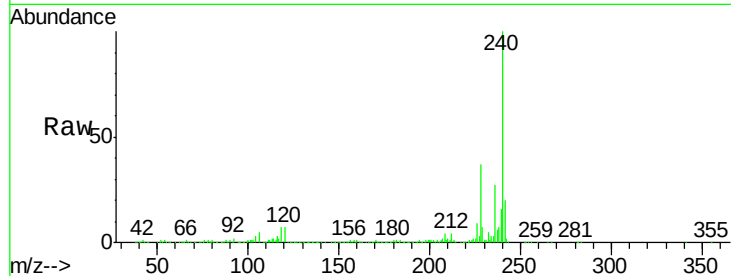
Tot Ion:240 Resp: 491196

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

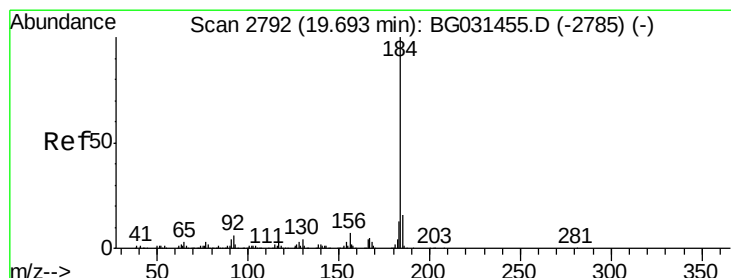
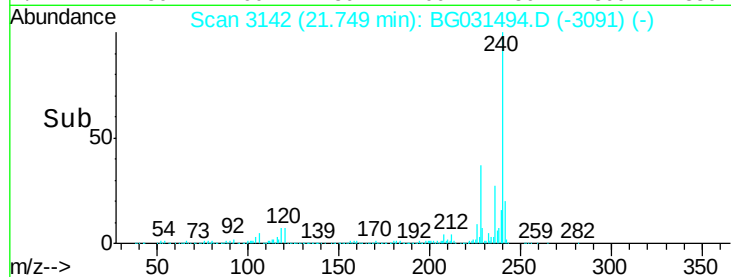
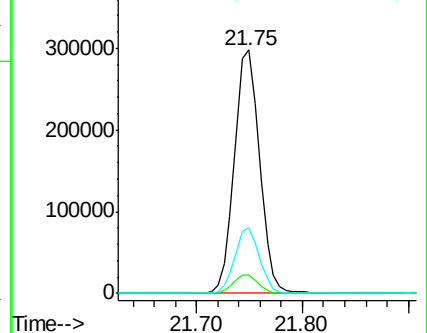
236 27.0 20.9 31.3



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: 12.860 ng

RT: 19.70 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

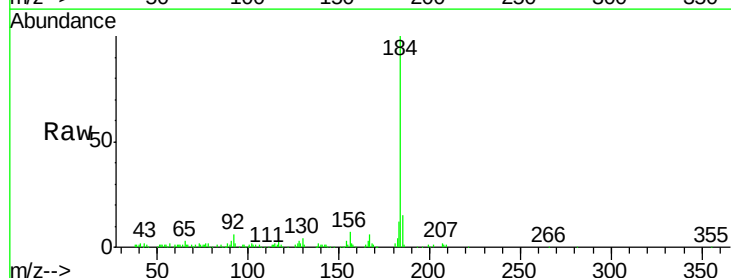
Tgt Ion:184 Resp: 146999

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

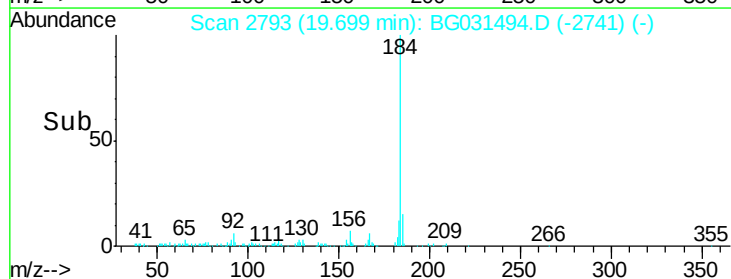
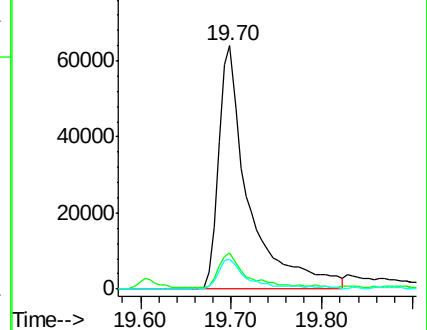
183 12.2 10.6 16.0

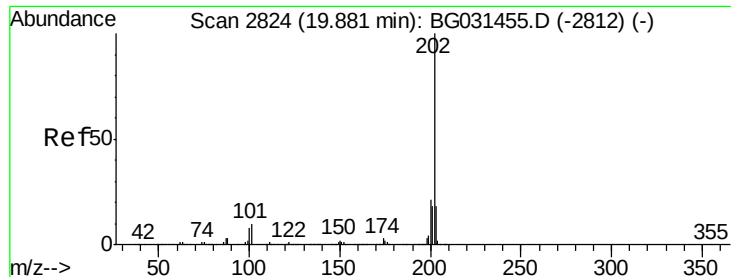


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

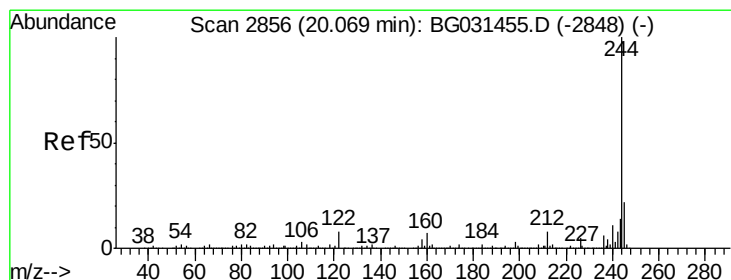
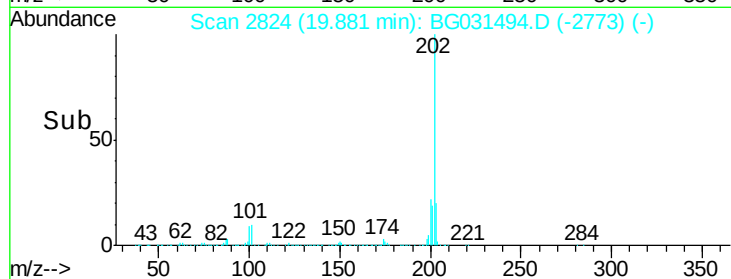
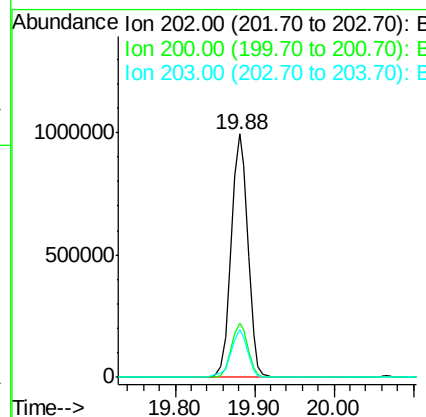
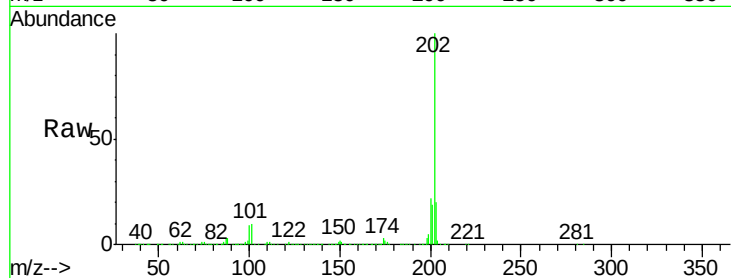




#77
Pvrene
Concen: 47.255 ng
RT: 19.88 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

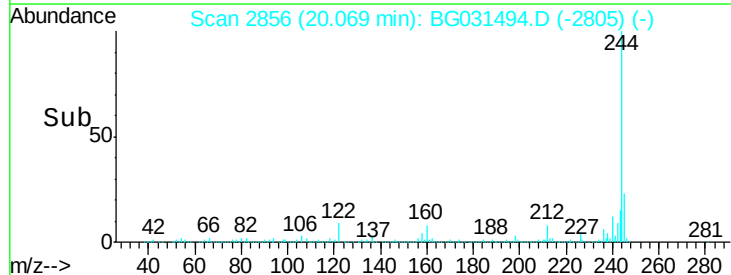
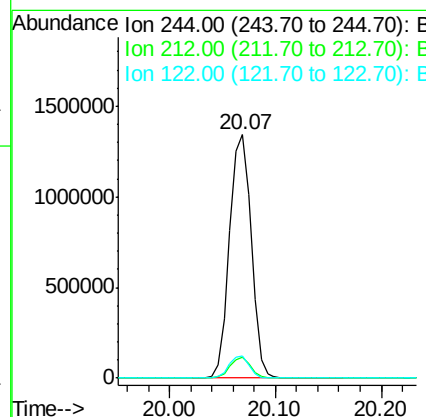
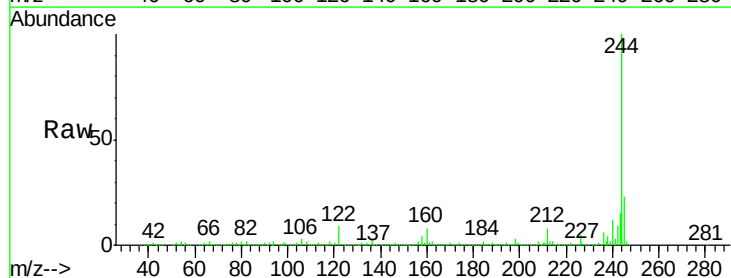
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

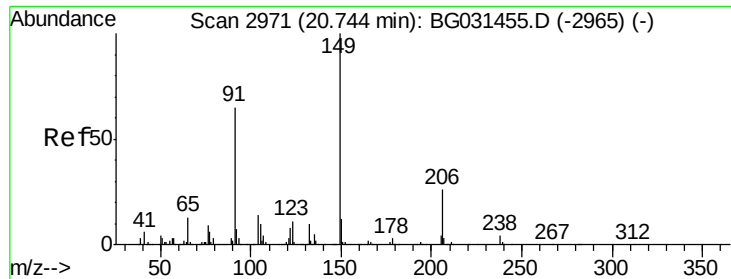
Tot Ion:202 Resp: 1442268
Ion Ratio Lower Upper
202 100
200 22.4 16.9 25.3
203 19.5 13.9 20.9



#78
Terphenyl-d14
Concen: 88.553 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:244 Resp: 1911819
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 8.9 7.0 10.4

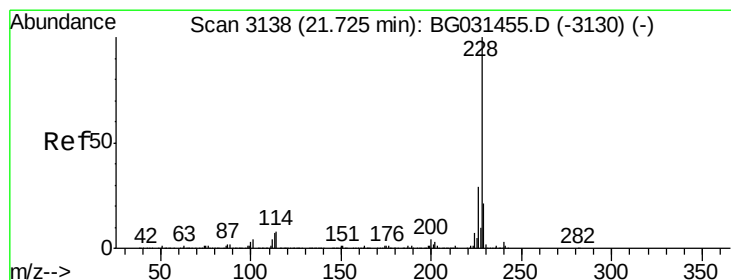
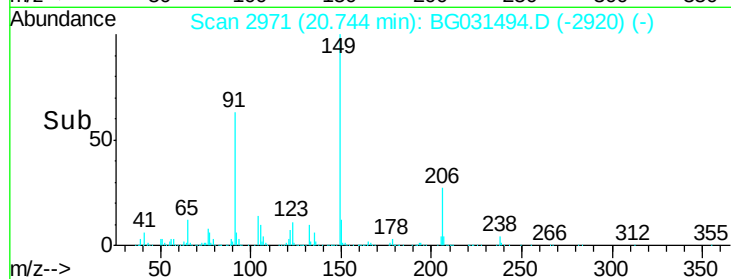
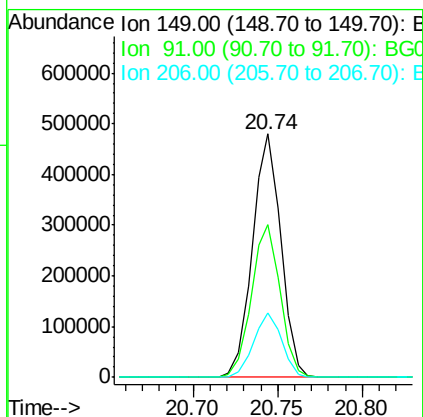
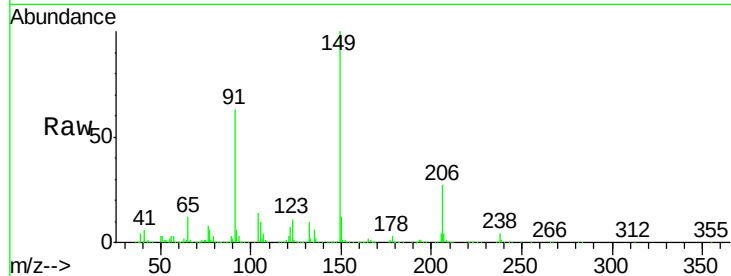




#79
Butylbenzylphthalate
Concen: 52.702 ng
RT: 20.74 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

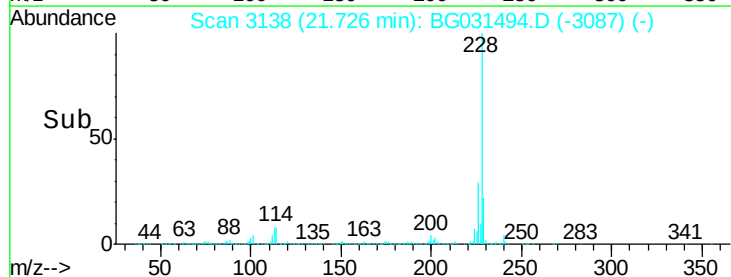
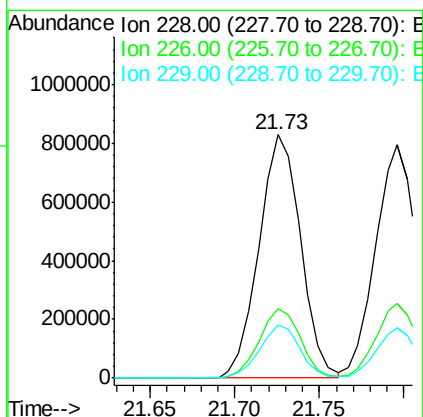
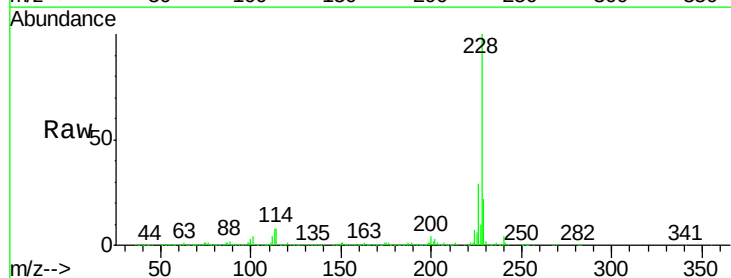
Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

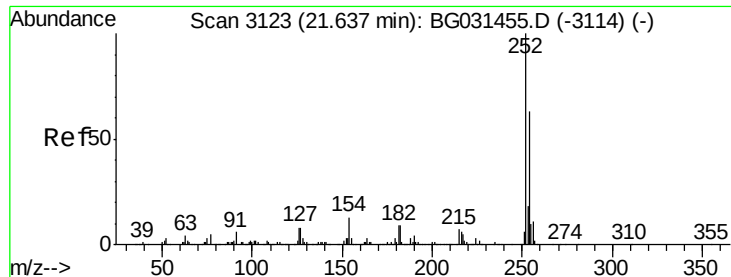
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.9	62.2	93.2
206	26.7	18.6	27.8



#80
Benzo(a)anthracene
Concen: 48.022 ng
RT: 21.73 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.8	16.2	24.2

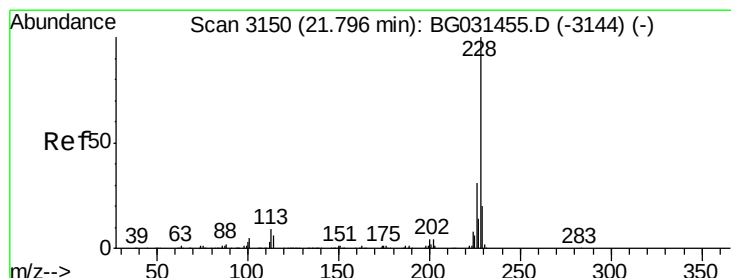
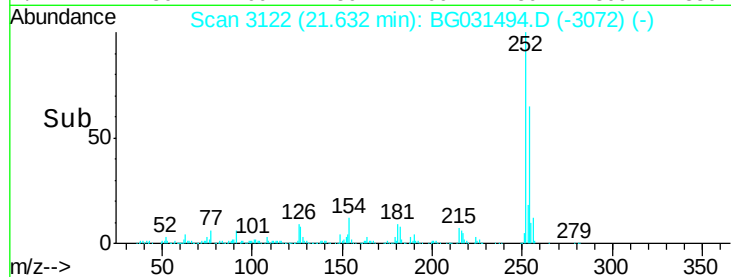
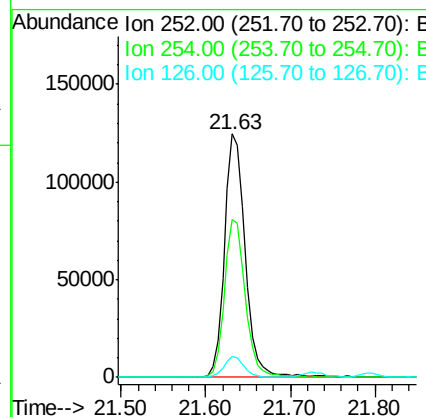
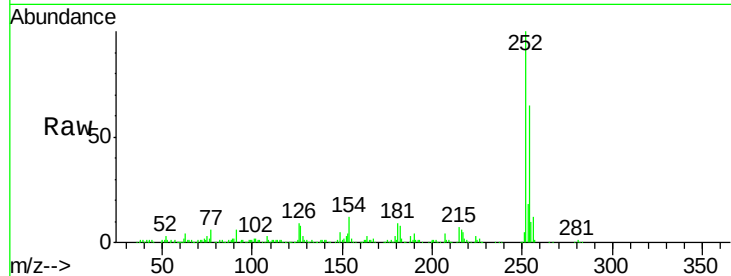




#81
 3,3'-Dichlorobenzidine
 Concen: 20.615 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

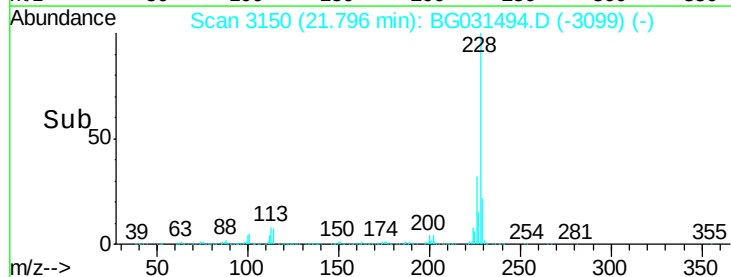
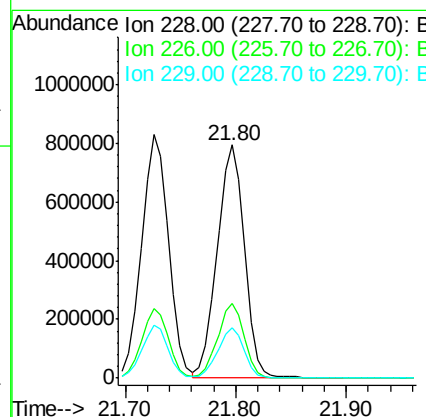
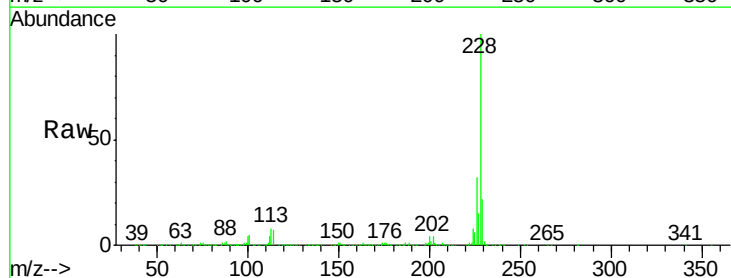
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

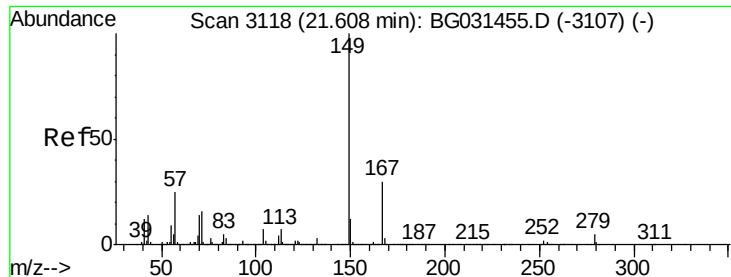
Tot Ion:252 Resp: 212714
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.8 76.2
 126 8.8 7.4 11.2



#82
 Chrysene
 Concen: 47.512 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:228 Resp: 1350419
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 21.6 15.0 22.4

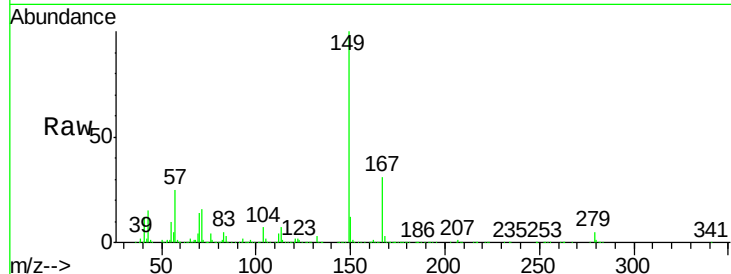




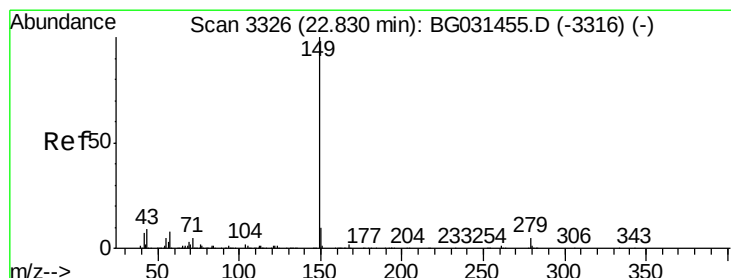
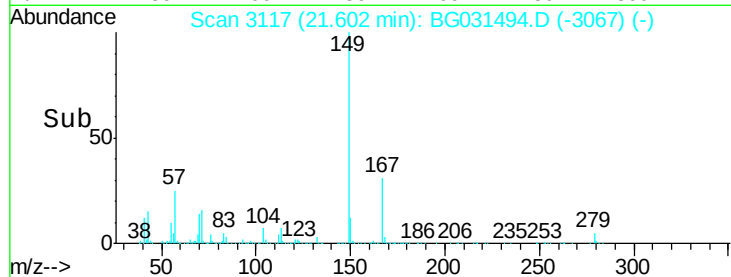
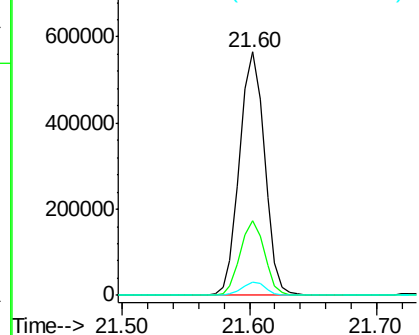
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.126 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

Tot Ion:149 Resp: 772162
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.3 36.5
 279 5.2 4.0 6.0

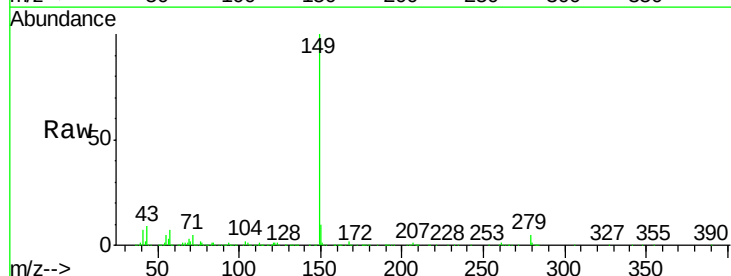


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

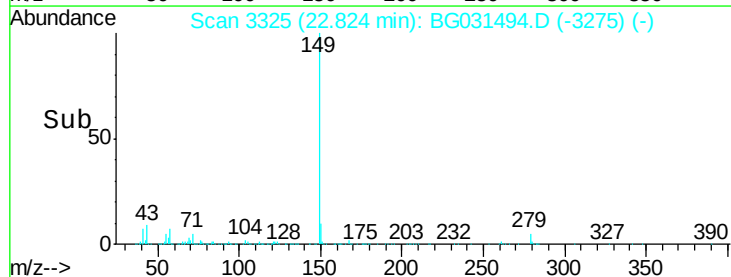
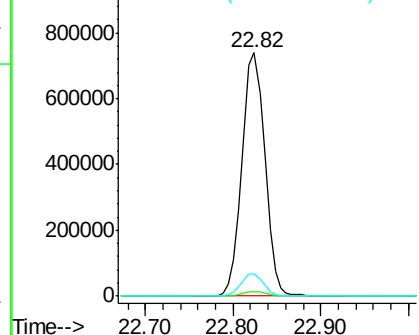


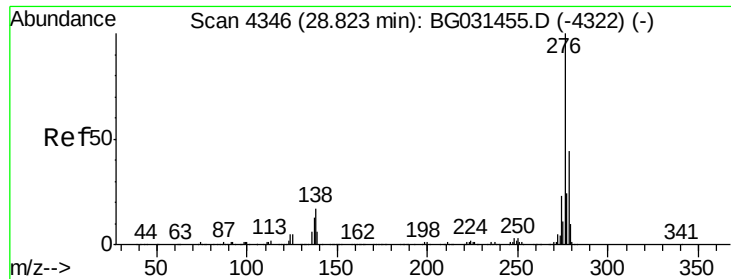
#84
 Di-n-octyl phthalate
 Concen: 51.434 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:149 Resp: 1306928
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 9.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

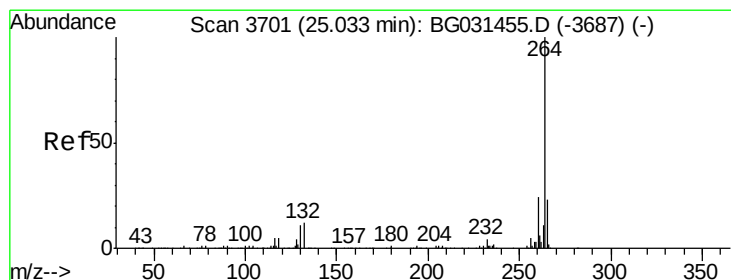
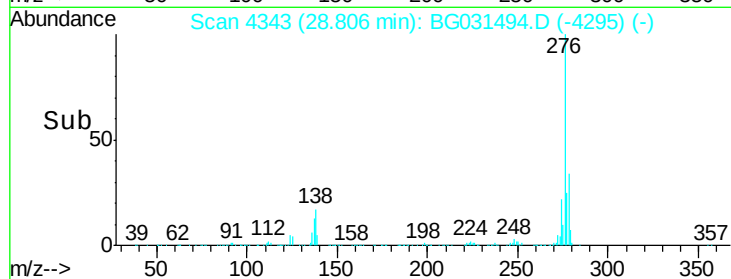
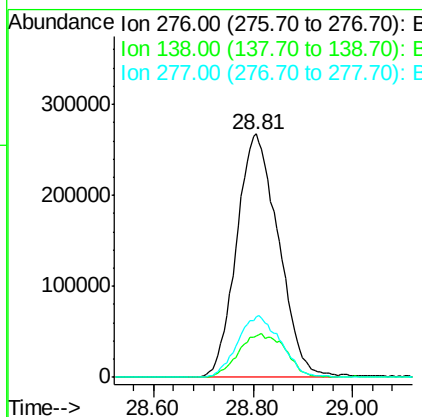
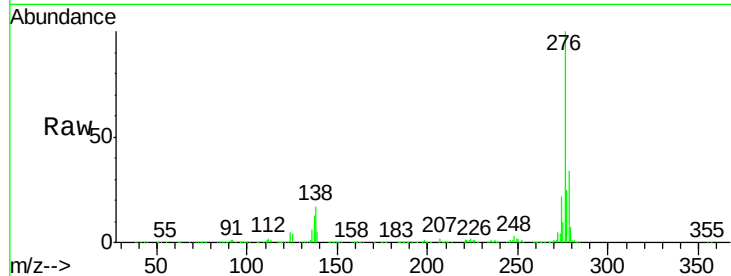




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.475 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.02 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

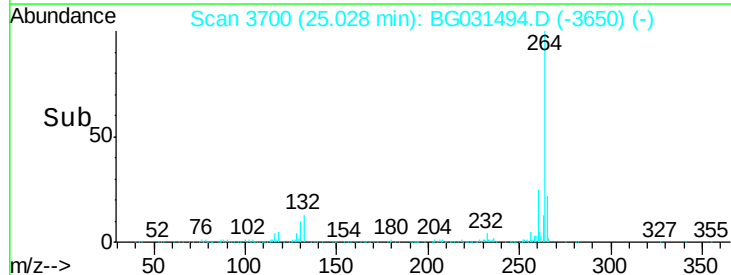
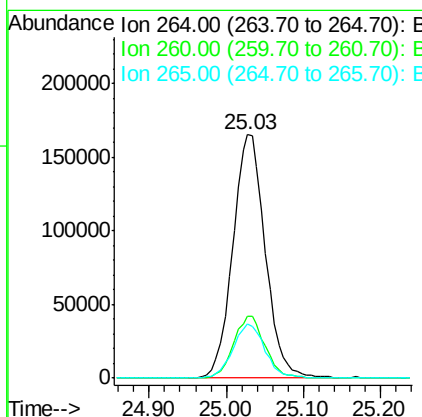
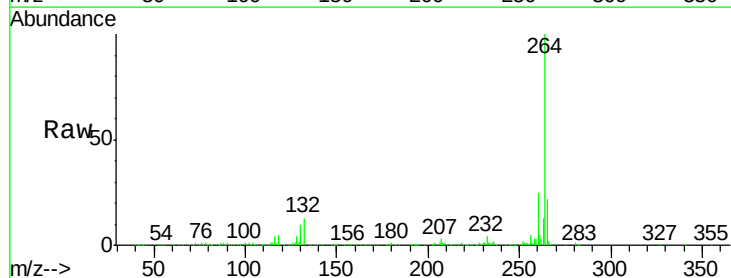
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-AMS

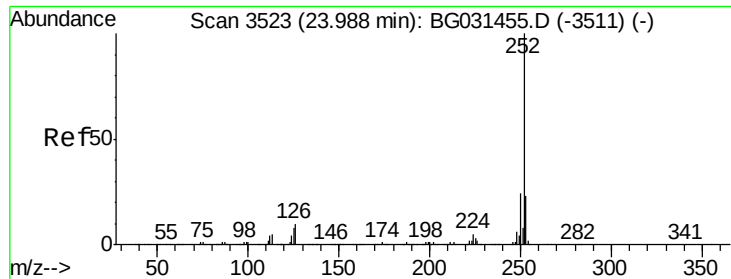
Tot Ion:276 Resp: 1563571
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.0 24.0
 277 26.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031494.D
 Acq: 12 Dec 2017 16:24

Tgt Ion:264 Resp: 486001
 Ion Ratio Lower Upper
 264 100
 260 25.4 17.4 26.0
 265 22.3 17.7 26.5

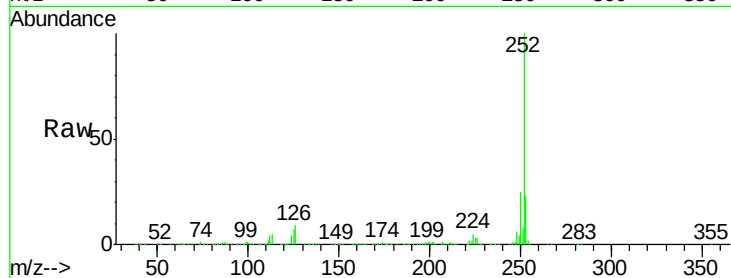




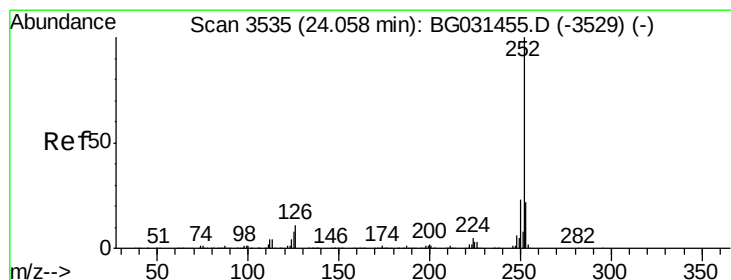
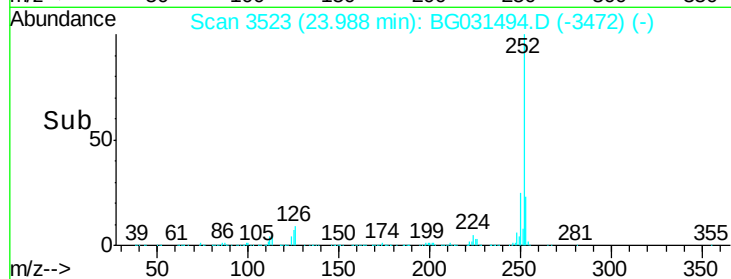
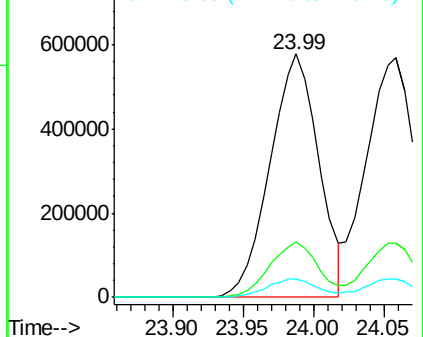
#87
Benzo(b)fluoranthene
Concen: 47.871 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

Tot Ion:252 Resp: 1390924
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 7.3 7.2 10.8

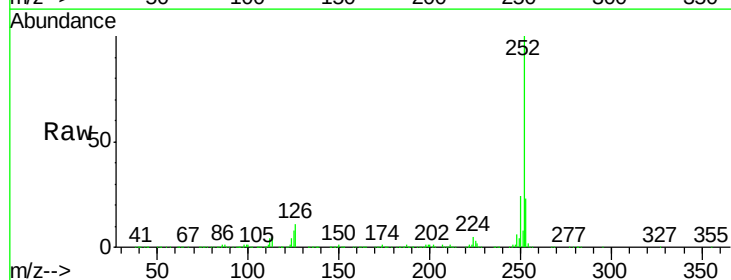


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

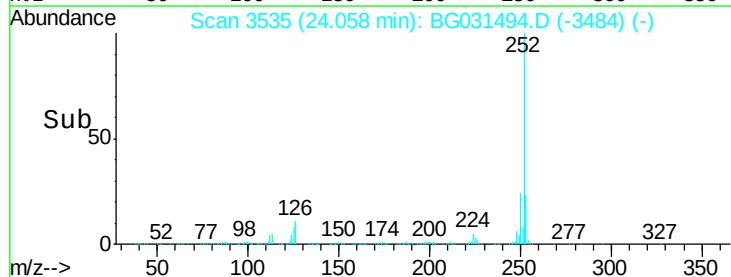
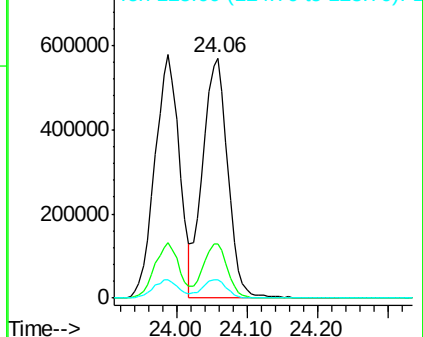


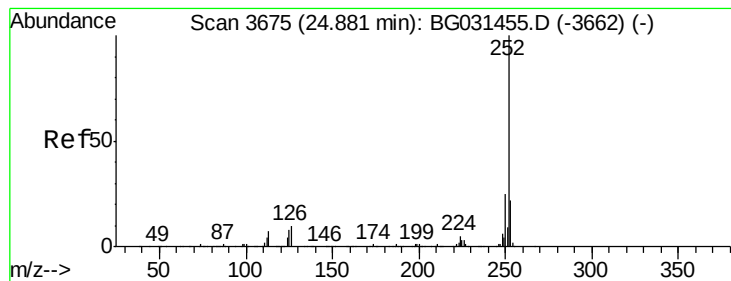
#88
Benzo(k)fluoranthene
Concen: 47.554 ng
RT: 24.06 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG031494.D
Acq: 12 Dec 2017 16:24

Tgt Ion:252 Resp: 1410036
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.8 6.6 9.8



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





#89

Benzo(a)pyrene

Concen: 49.794 ng

RT: 24.88 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

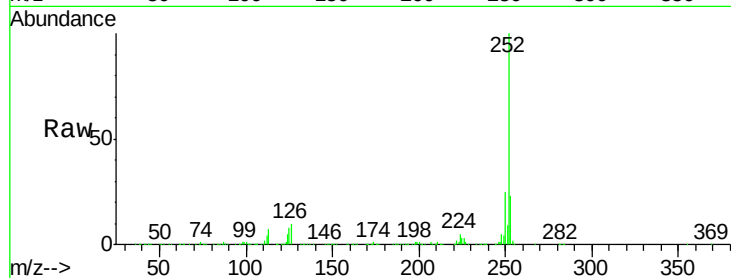
Tot Ion:252 Resp: 1372480

Ion Ratio Lower Upper

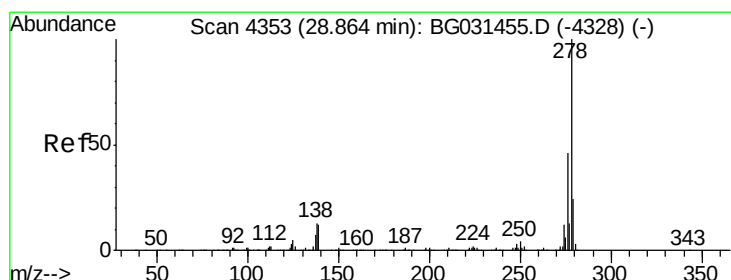
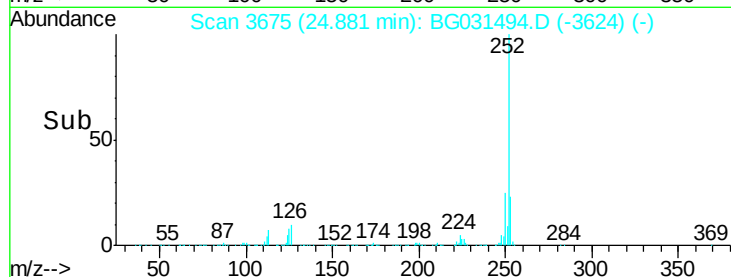
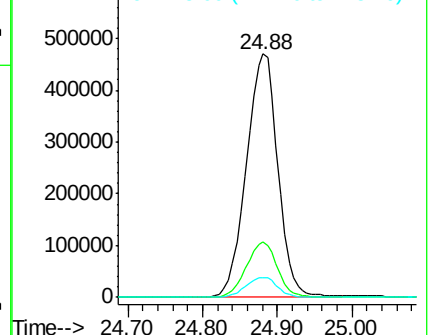
252 100

253 23.0 18.3 27.5

125 8.3 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: 49.861 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

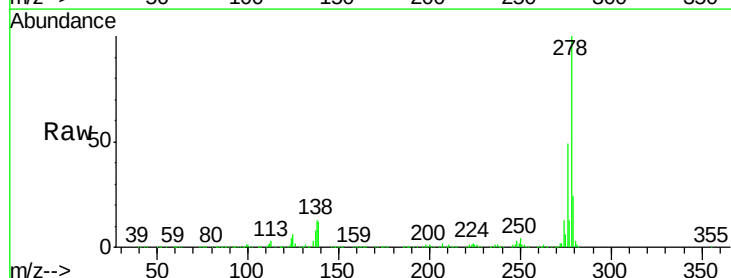
Tgt Ion:278 Resp: 1314214

Ion Ratio Lower Upper

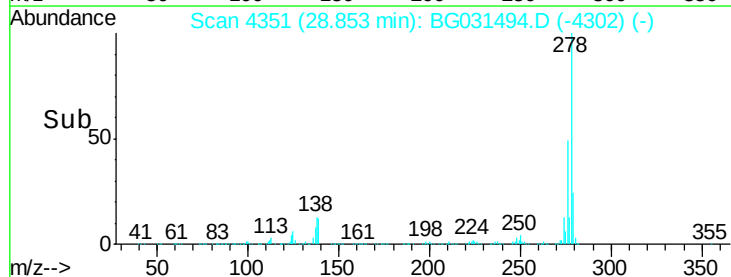
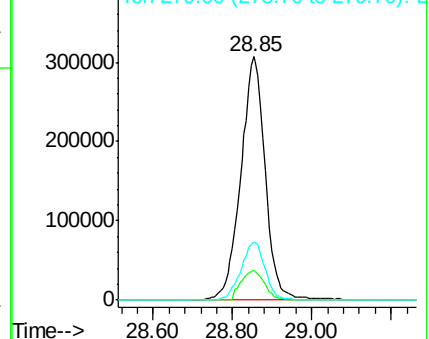
278 100

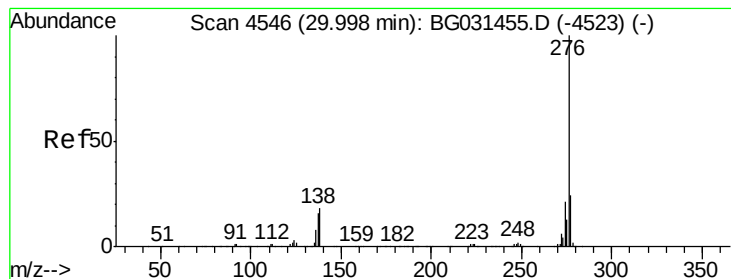
139 12.4 9.8 14.6

279 23.9 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: 50.488 ng

RT: 29.99 min Scan# 4544

Delta R.T. -0.01 min

Lab File: BG031494.D

Acq: 12 Dec 2017 16:24

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-AMS

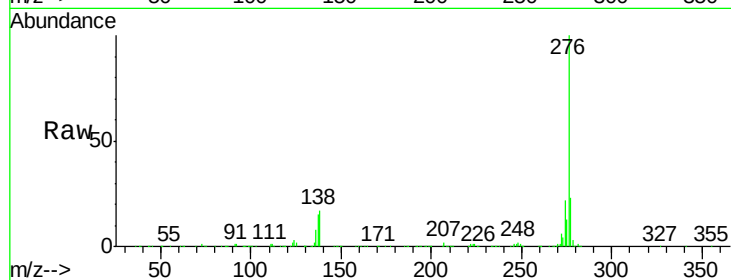
Tot Ion:276 Resp: 1308285

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 17.0 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

