

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031497.D
 Acq On : 12 Dec 2017 18:17
 Operator : SJ/JU
 Sample : PB104933BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Quant Time: Dec 13 05:54:05 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	60587	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	264048	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	180488	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	458979	20.00	ng	0.00
75) Chrysene-d12	21.75	240	506419	20.00	ng	0.00
86) Perylene-d12	25.03	264	502460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	640985	187.53	ng	0.00
7) Phenol-d6	7.28	99	808741	170.43	ng	0.01
23) Nitrobenzene-d5	9.28	82	476983	111.34	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	379684	179.56	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1335248	108.59	ng	0.00
78) Terphenyl-d14	20.07	244	2316587	104.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	73732	45.209	ng	# 83
3) Pyridine	3.92	79	195821	45.603	ng	93
4) n-Nitrosodimethylamine	3.83	42	97869	48.388	ng	# 94
6) Aniline	7.43	93	155699	24.915	ng	94
8) 2-Chlorophenol	7.68	128	223228	58.548	ng	90
9) Benzaldehyde	7.24	77	158551	57.645	ng	92
10) Phenol	7.31	94	280650	57.574	ng	95
11) bis(2-Chloroethyl)ether	7.52	93	202177	50.817	ng	91
12) 1,3-Dichlorobenzene	7.99	146	238816	52.671	ng	94
13) 1,4-Dichlorobenzene	8.14	146	240624	51.063	ng	95
14) 1,2-Dichlorobenzene	8.46	146	228541	50.913	ng	96
15) Benzyl Alcohol	8.35	79	192117	51.756	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	301475	67.449	ng	90
17) 2-Methylphenol	8.56	107	189349	56.984	ng	96
18) Hexachloroethane	9.19	117	82789	52.120	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	159848	42.799	ng	# 97
20) 3+4-Methylphenols	8.89	107	261193	52.766	ng	97
22) Acetophenone	8.93	105	331349	52.309	ng	# 93
24) Nitrobenzene	9.32	77	239808	54.628	ng	# 92
25) Isophorone	9.84	82	447986	55.334	ng	# 93
26) 2-Nitrophenol	10.03	139	126284	58.177	ng	91
27) 2,4-Dimethylphenol	10.09	122	215935	65.485	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	279598	53.493	ng	97
29) 2,4-Dichlorophenol	10.58	162	246284	63.394	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	263026	53.002	ng	98
31) Naphthalene	10.97	128	664681	51.240	ng	100
32) Benzoic acid	10.27	122	101582	50.749	ng	# 79
33) 4-Chloroaniline	11.10	127	36896	6.551	ng	94
34) Hexachlorobutadiene	11.25	225	172206	52.315	ng	96
35) Caprolactam	11.87	113	40613	26.622	ng	# 77
36) 4-Chloro-3-methylphenol	12.21	107	245732	55.413	ng	89
37) 2-Methylnaphthalene	12.57	142	518391	51.613	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	344487	48.836	ng	97
40) Hexachlorocyclopentadiene	12.91	237	286367	103.455	ng	92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031497.D
 Acq On : 12 Dec 2017 18:17
 Operator : SJ/JU
 Sample : PB104933BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Quant Time: Dec 13 05:54:05 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

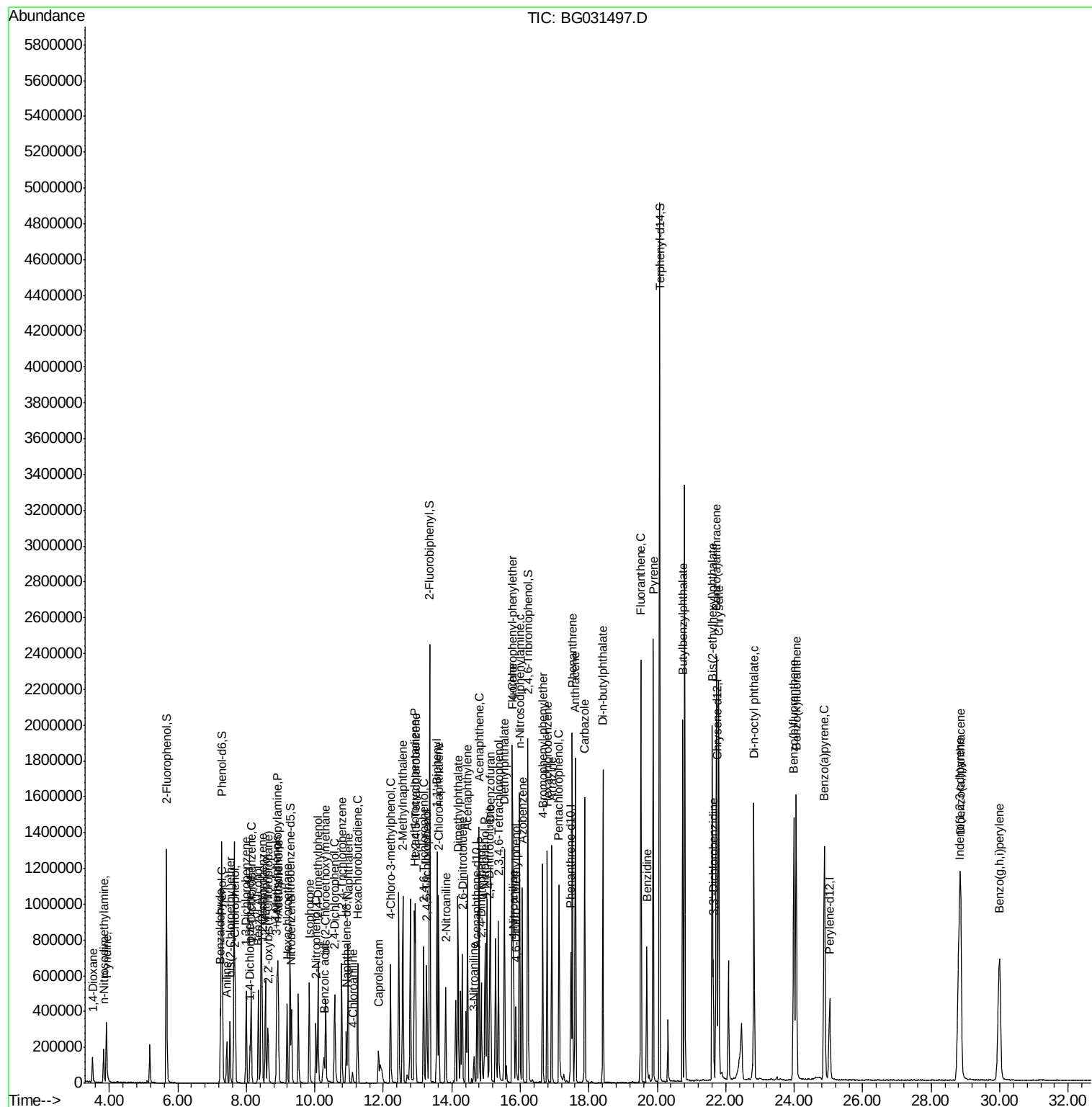
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	212483	58.959	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	224253	57.765	ng	# 93
45) 1,1'-Biphenyl	13.57	154	733392	49.473	ng	95
46) 2-Chloronaphthalene	13.62	162	569589	52.496	ng	96
47) 2-Nitroaniline	13.82	65	158803	52.086	ng	# 81
48) Acenaphthylene	14.46	152	862401	49.397	ng	98
49) Dimethylphthalate	14.18	163	763702	51.109	ng	98
50) 2,6-Dinitrotoluene	14.31	165	174955	54.778	ng	# 79
51) Acenaphthene	14.80	154	536676	48.616	ng	99
52) 3-Nitroaniline	14.64	138	46672	14.335	ng	# 83
53) 2,4-Dinitrophenol	14.86	184	175313	125.702	ng	# 49
54) Dibenzofuran	15.13	168	880571	49.988	ng	99
55) 4-Nitrophenol	14.97	139	247498	111.062	ng	# 84
56) 2,4-Dinitrotoluene	15.10	165	250608	55.244	ng	# 77
57) Fluorene	15.78	166	713760	50.568	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	226320	62.021	ng	# 89
59) Diethylphthalate	15.54	149	761419	50.836	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	418846	48.502	ng	93
61) 4-Nitroaniline	15.81	138	175903	51.484	ng	92
62) Azobenzene	16.05	77	629792	50.760	ng	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	133021	47.894	ng	80
65) n-Nitrosodiphenylamine	15.98	169	671342	49.972	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	284701	53.343	ng	99
67) Hexachlorobenzene	16.78	284	286208	51.932	ng	96
68) Atrazine	16.92	200	294977	60.049	ng	96
69) Pentachlorophenol	17.14	266	257113	95.847	ng	97
70) Phenanthrene	17.52	178	1211342	50.534	ng	97
71) Anthracene	17.61	178	1263684	53.304	ng	99
72) Carbazole	17.88	167	1151385	53.668	ng	98
73) Di-n-butylphthalate	18.42	149	1331853	53.757	ng	99
74) Fluoranthene	19.52	202	1563494	52.119	ng	97
76) Benzidine	19.69	184	534336	45.339	ng	98
77) Pyrene	19.88	202	1601162	50.884	ng	95
79) Butylbenzylphthalate	20.74	149	622727	56.412	ng	86
80) Benzo(a)anthracene	21.72	228	1582454	51.770	ng	97
81) 3,3'-Dichlorobenzidine	21.64	252	278051	26.137	ng	99
82) Chrysene	21.80	228	1501360	51.235	ng	96
83) Bis(2-ethylhexyl)phthalate	21.60	149	863724	54.385	ng	100
84) Di-n-octyl phthalate	22.82	149	1453501	55.483	ng	95
85) Indeno(1,2,3-cd)pyrene	28.82	276	1764274	56.337	ng	# 79
87) Benzo(b)fluoranthene	23.99	252	1584908	52.760	ng	99
88) Benzo(k)fluoranthene	24.06	252	1539882	50.231	ng	98
89) Benzo(a)pyrene	24.88	252	1549172	54.364	ng	99
90) Dibenzo(a,h)anthracene	28.86	278	1461346	53.627	ng	97
91) Benzo(g,h,i)perylene	29.99	276	1470547	54.890	ng	98

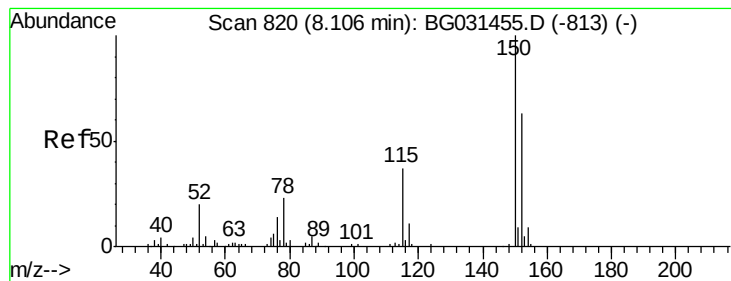
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031497.D
 Acq On : 12 Dec 2017 18:17
 Operator : SJ/JU
 Sample : PB104933BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Quant Time: Dec 13 05:54:05 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

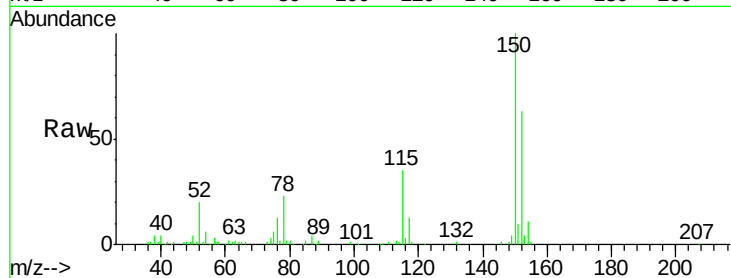
Tot Ion:152 Resp: 60587

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

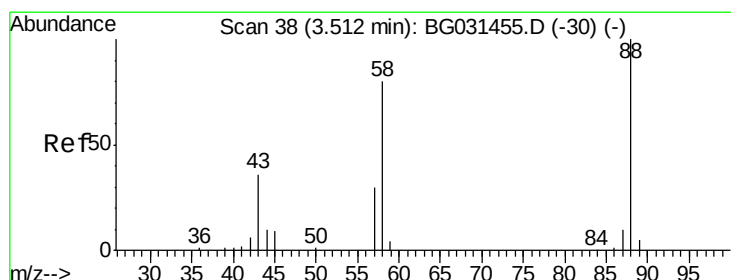
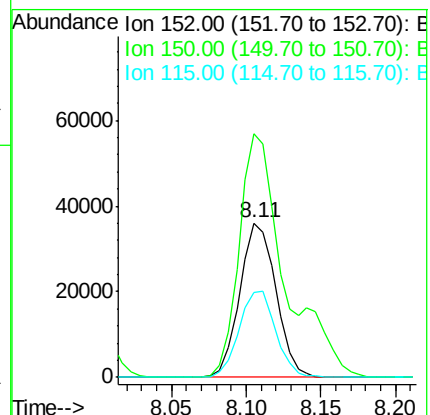
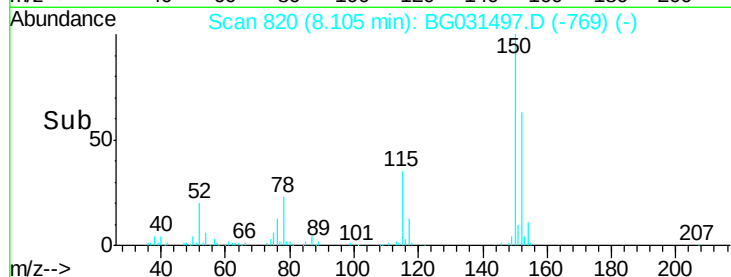
115 55.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.209 ng

RT: 3.51 min Scan# 38

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

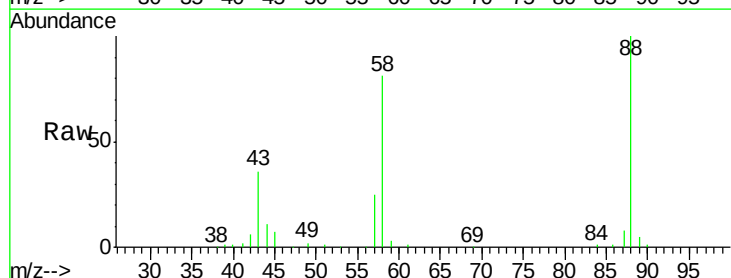
Tgt Ion: 88 Resp: 73732

Ion Ratio Lower Upper

88 100

58 78.7 79.6 119.4#

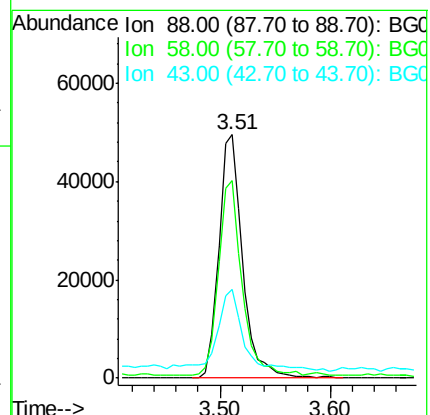
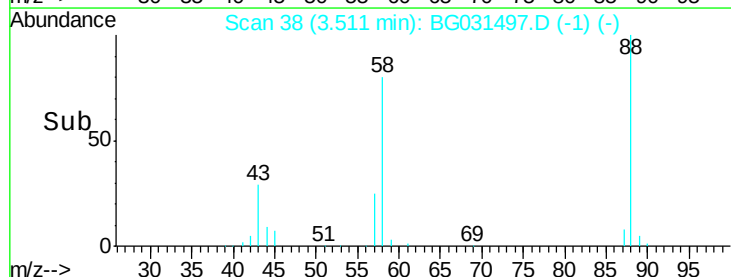
43 37.7 27.4 41.0

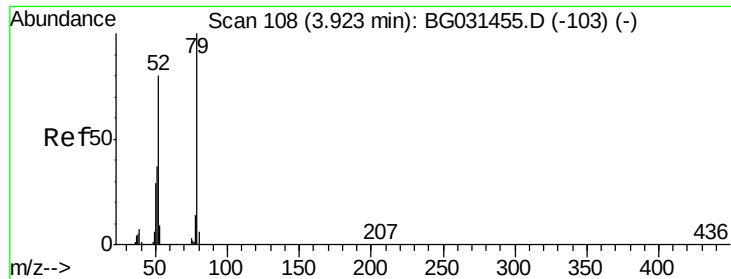


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 45.603 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampled :

PB104933BS

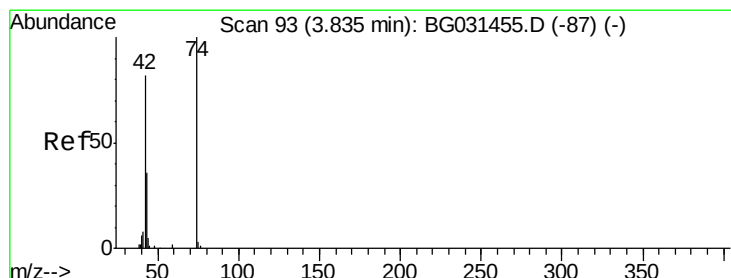
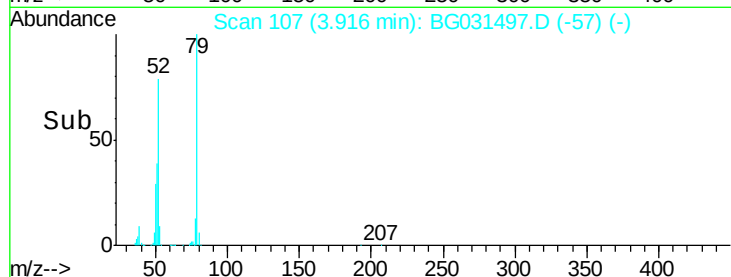
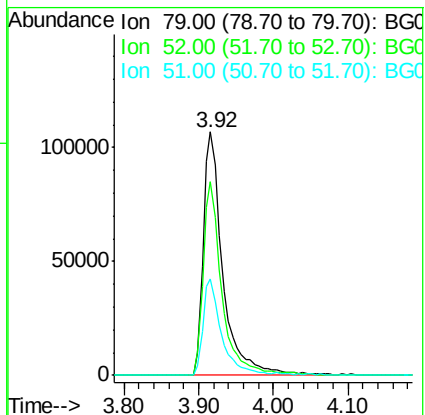
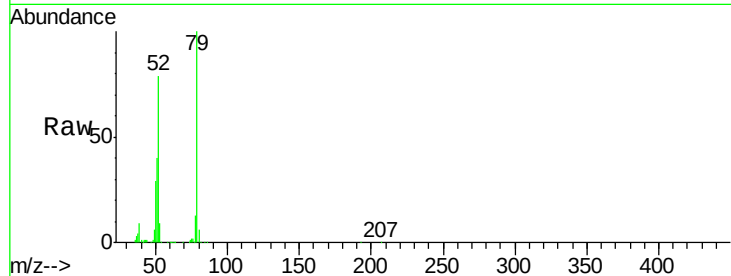
Tot Ion: 79 Resp: 195821

Ion Ratio Lower Upper

79 100

52 79.5 69.9 104.9

51 39.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 48.388 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

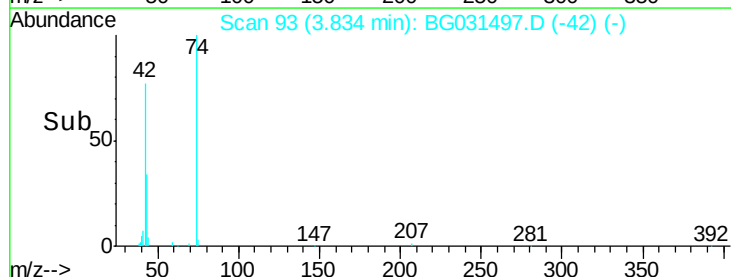
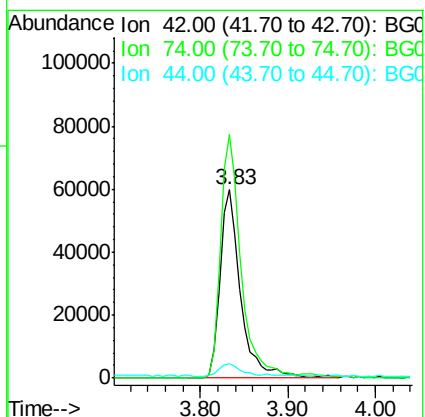
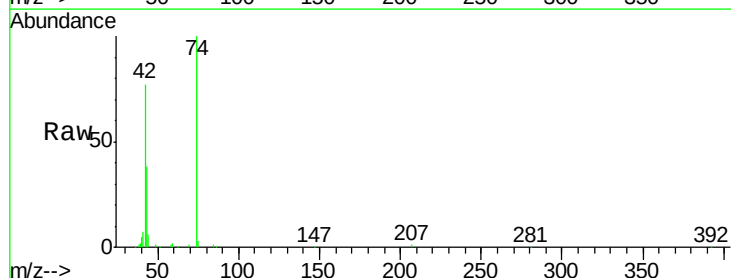
Tgt Ion: 42 Resp: 97869

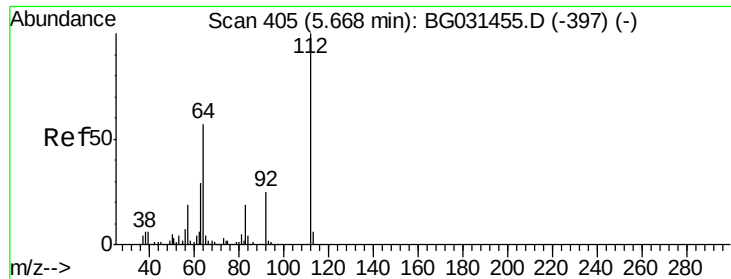
Ion Ratio Lower Upper

42 100

74 129.2 102.5 153.7

44 7.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 187.525 ng

RT: 5.67 min Scan# 405

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

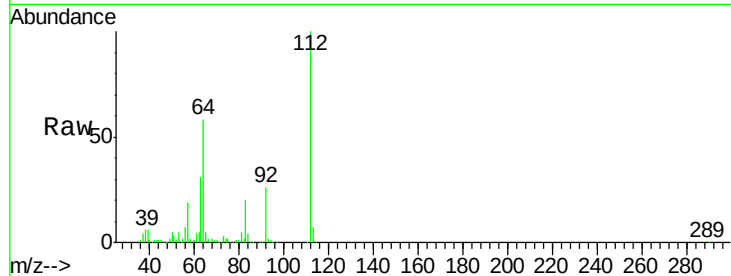
Tot Ion:112 Resp: 640985

Ion Ratio Lower Upper

112 100

64 58.1 56.3 84.5

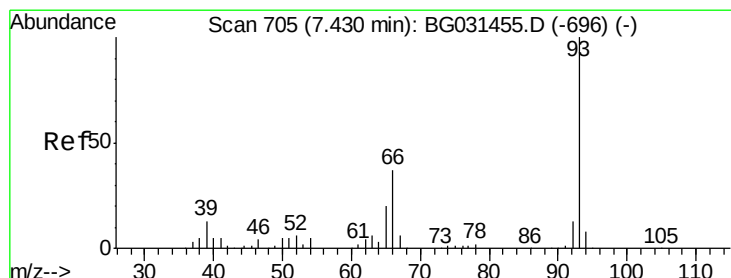
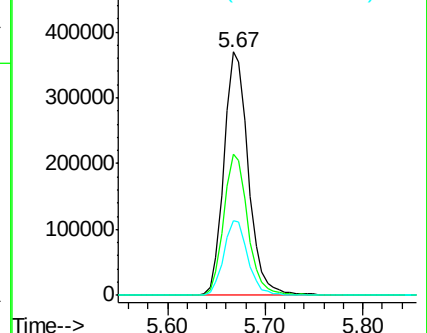
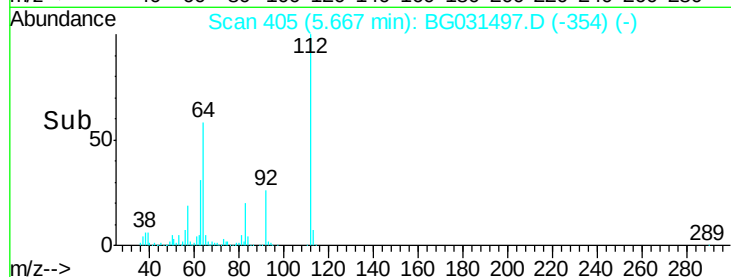
63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.915 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

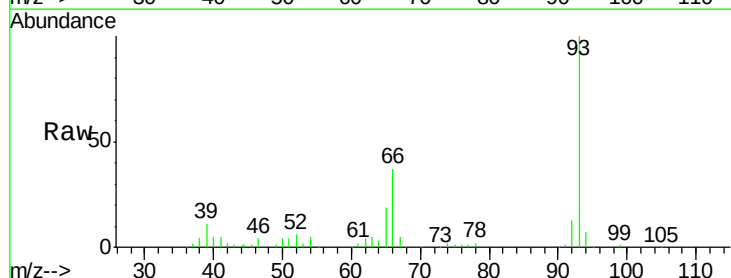
Tgt Ion: 93 Resp: 155699

Ion Ratio Lower Upper

93 100

66 37.4 33.7 50.5

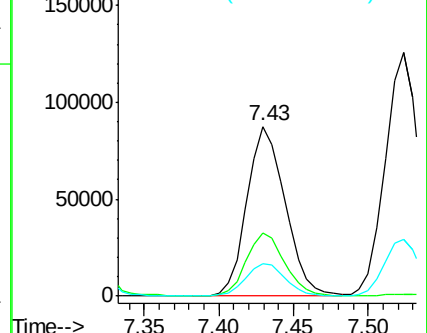
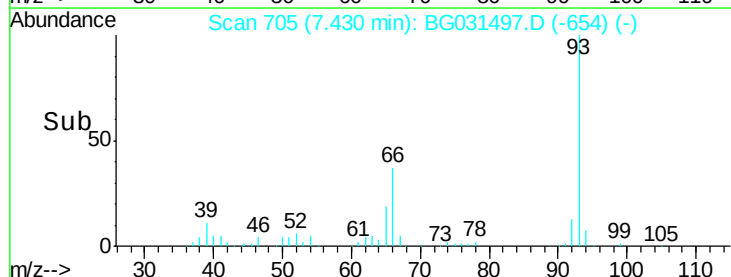
65 18.9 16.1 24.1

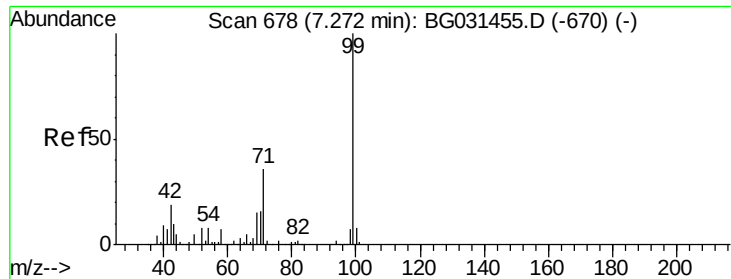


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 170.435 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

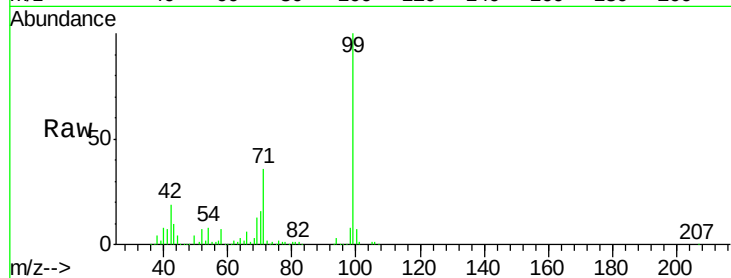
Tot Ion: 99 Resp: 808741

Ion Ratio Lower Upper

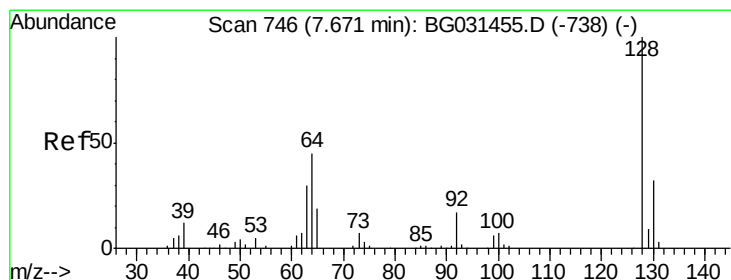
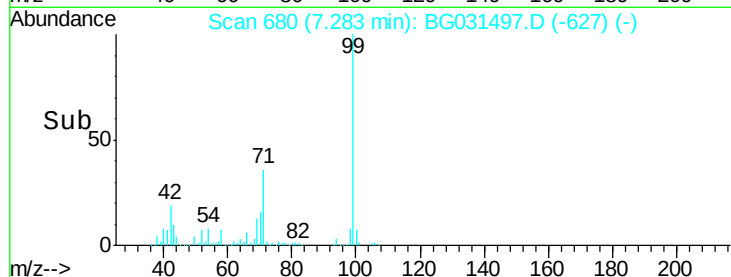
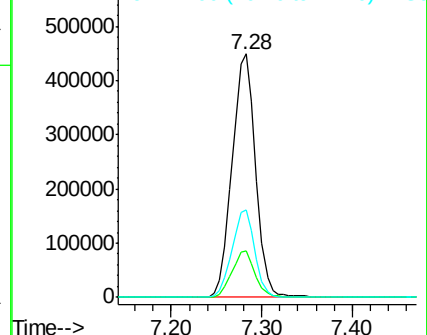
99 100

42 18.9 14.1 21.1

71 35.9 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: 58.548 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

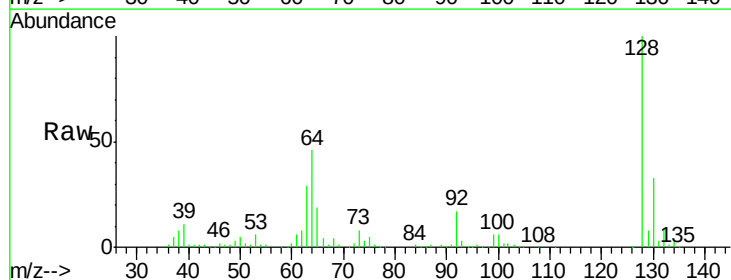
Tgt Ion: 128 Resp: 223228

Ion Ratio Lower Upper

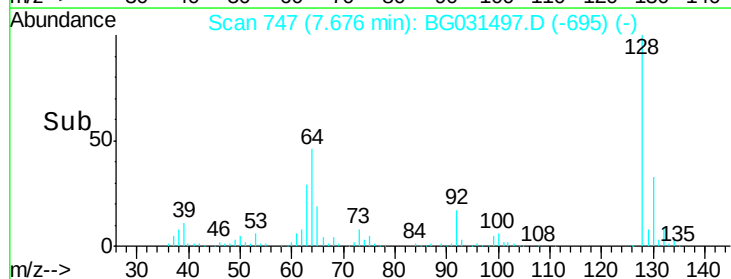
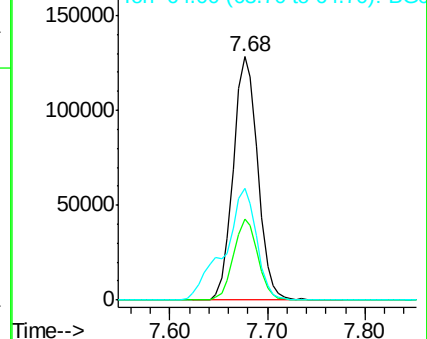
128 100

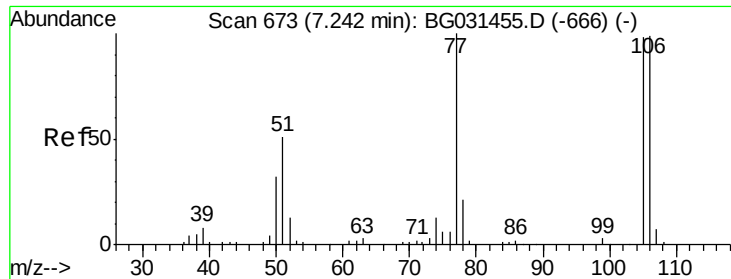
130 33.4 14.0 54.0

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: 57.645 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

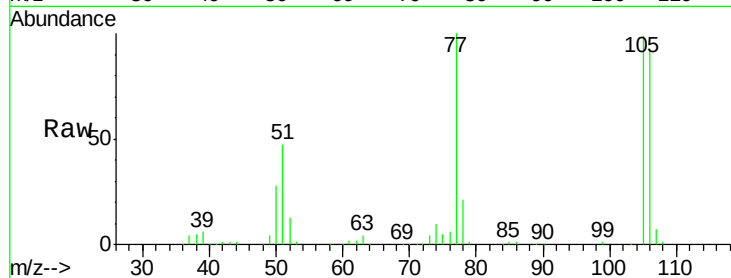
Tot Ion: 77 Resp: 158551

Ion Ratio Lower Upper

77 100

105 98.9 71.3 111.3

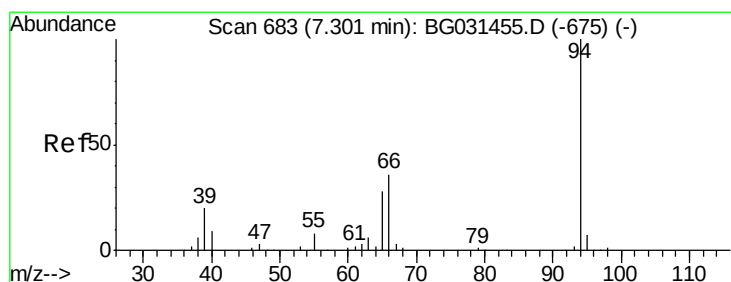
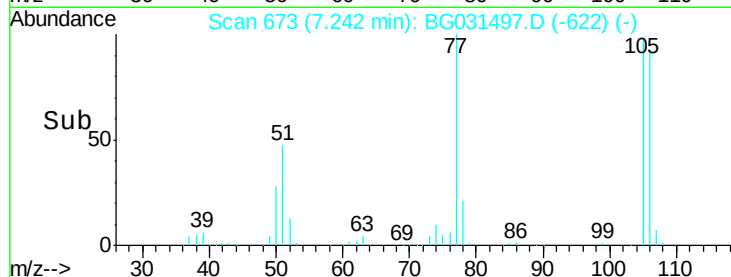
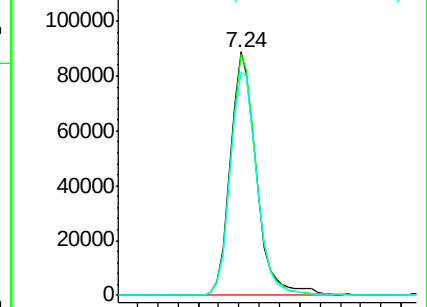
106 91.5 64.2 104.2



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: 57.574 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

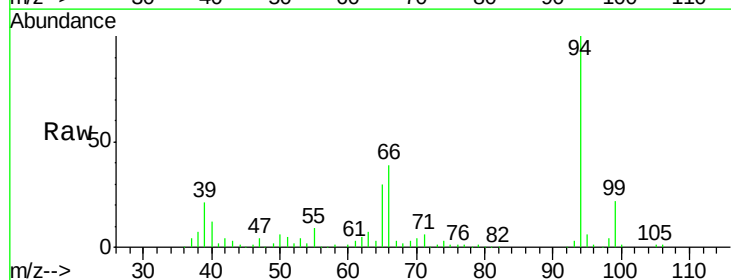
Tgt Ion: 94 Resp: 280650

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

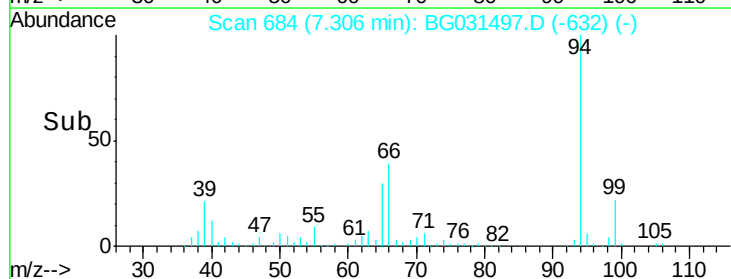
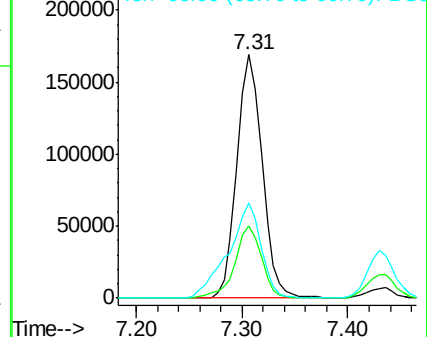
66 39.1 22.2 62.2

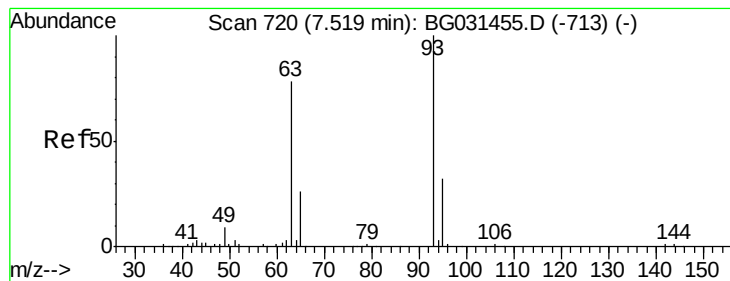


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 50.817 ng

RT: 7.52 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

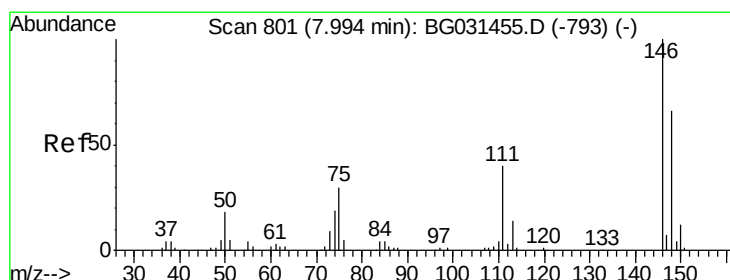
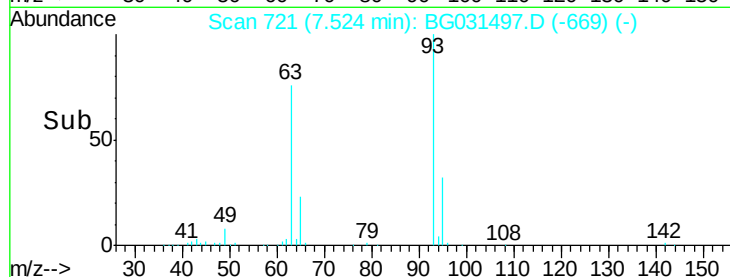
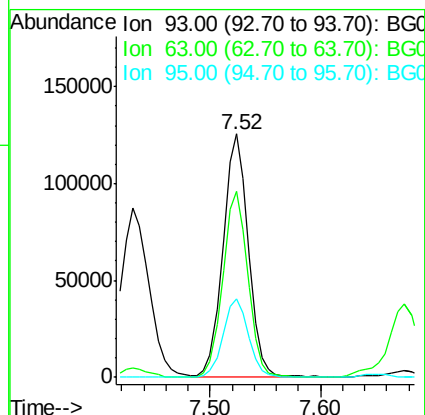
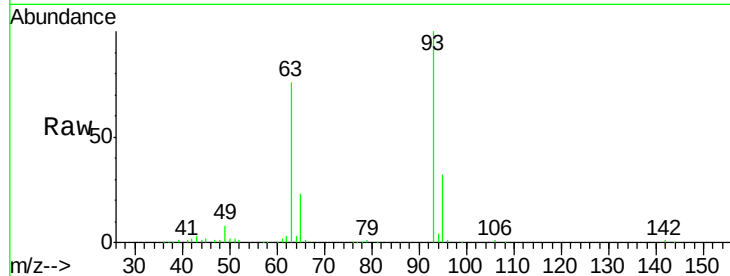
Tot Ion: 93 Resp: 202177

Ion Ratio Lower Upper

93 100

63 76.4 67.1 107.1

95 32.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 52.671 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

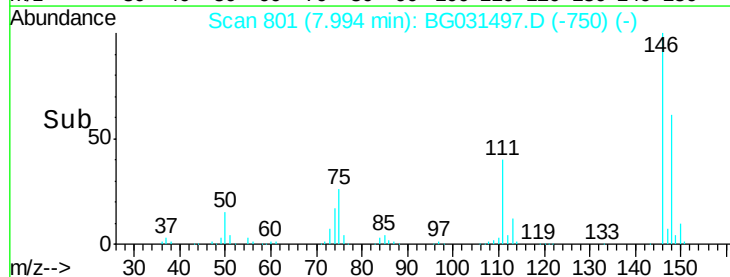
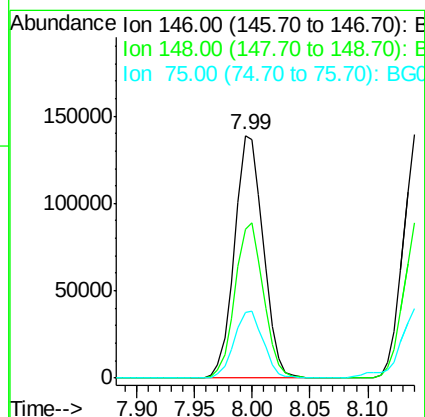
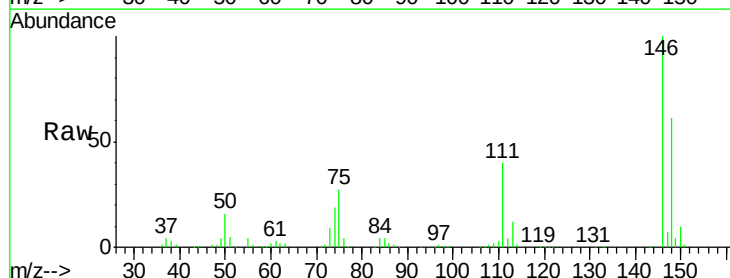
Tgt Ion: 146 Resp: 238816

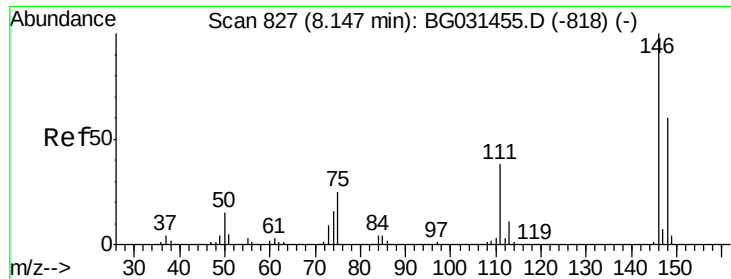
Ion Ratio Lower Upper

146 100

148 61.4 51.4 77.2

75 27.2 26.6 39.8

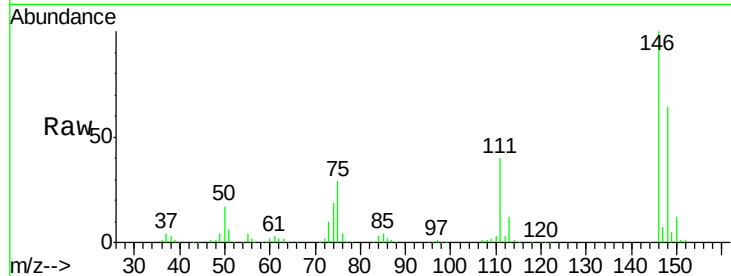




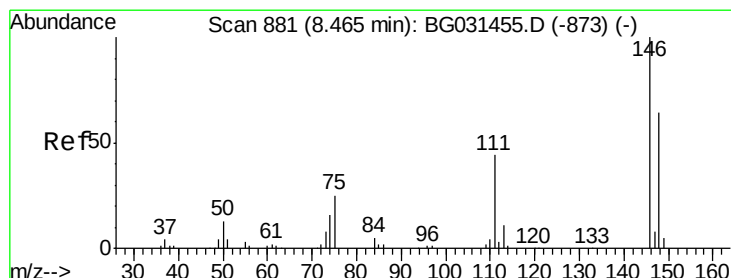
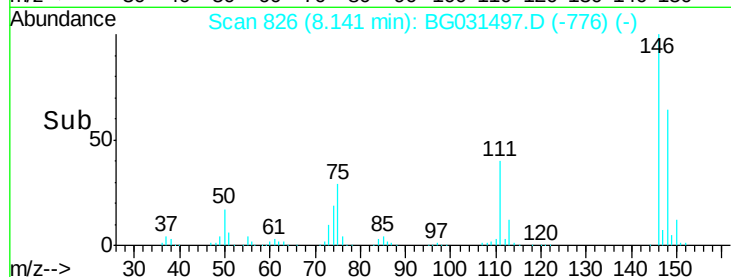
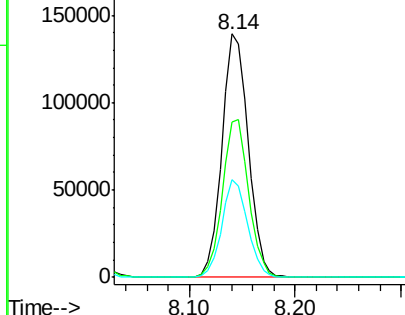
#13
 1,4-Dichlorobenzene
 Concen: 51.063 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion:146 Resp: 240624
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.7 80.5
 111 40.0 35.2 52.8

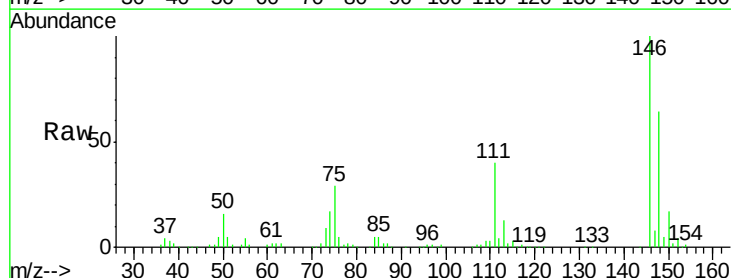


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

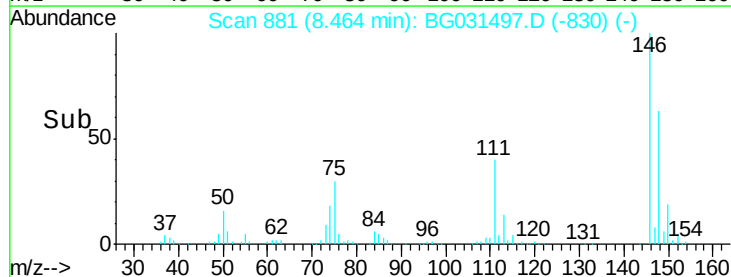
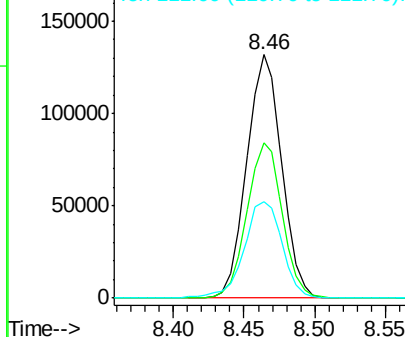


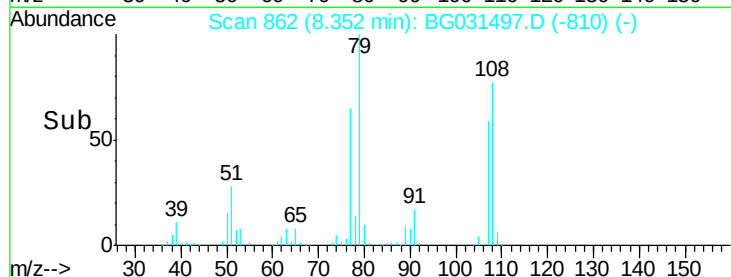
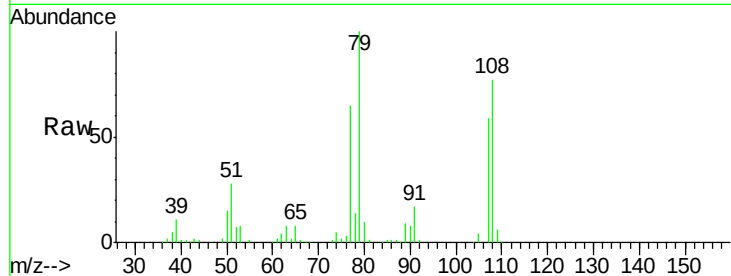
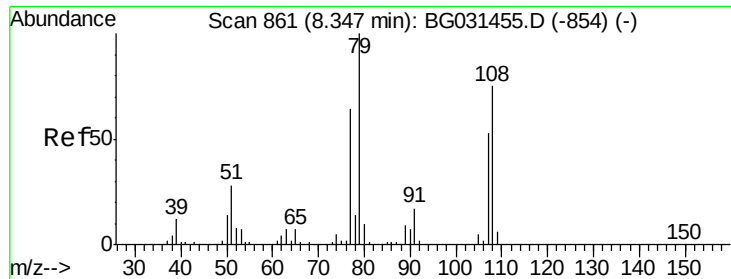
#14
 1,2-Dichlorobenzene
 Concen: 50.913 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:146 Resp: 228541
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.3 73.9
 111 39.7 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

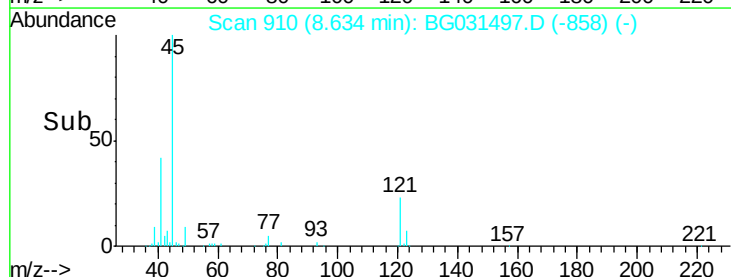
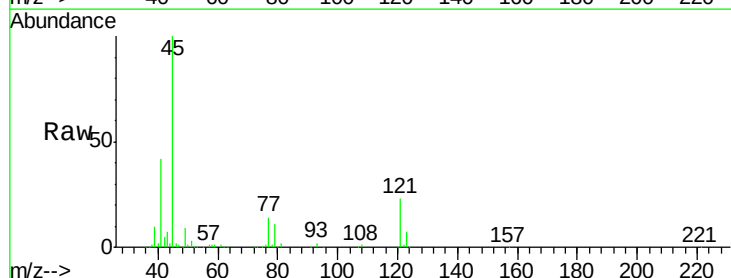
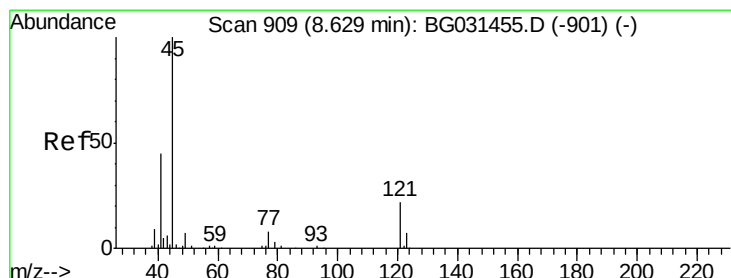
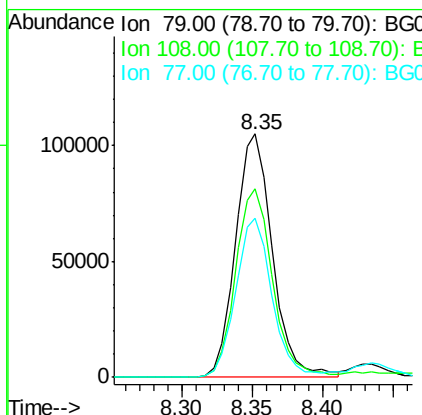




#15
Benzyl Alcohol
Concen: 51.756 ng
RT: 8.35 min Scan# 862
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

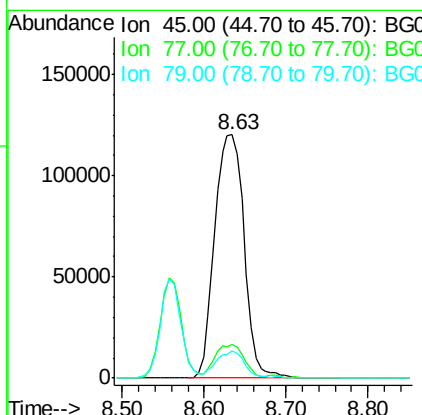
Instrument :
BNA_G
ClientSampleID :
PB104933BS

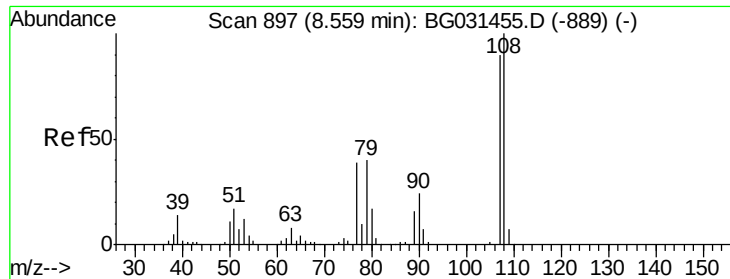
Tot Ion: 79 Resp: 192117
Ion Ratio Lower Upper
79 100
108 77.5 57.2 85.8
77 65.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 67.449 ng
RT: 8.63 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion: 45 Resp: 301475
Ion Ratio Lower Upper
45 100
77 14.1 0.0 30.2
79 11.2 0.0 27.9

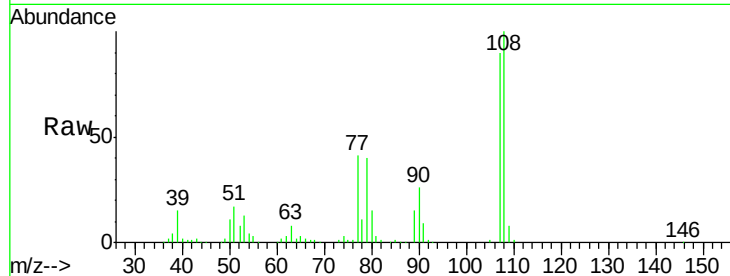




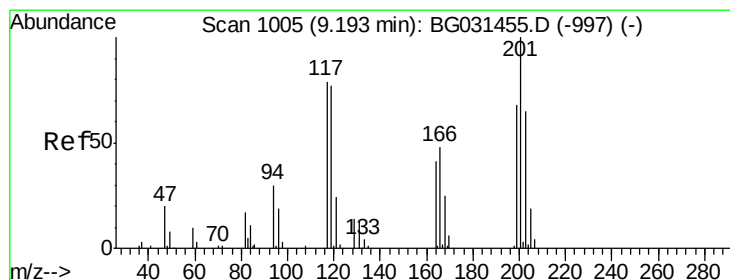
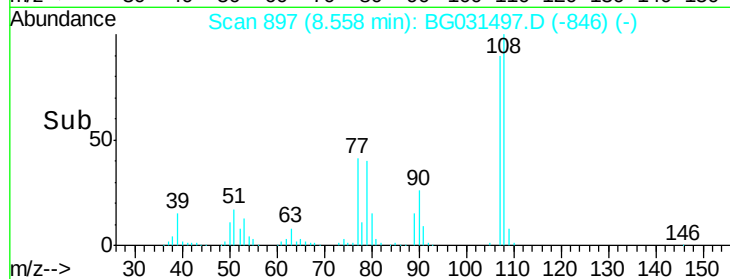
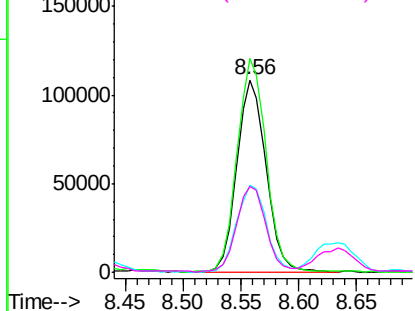
#17
2-Methylphenol
Concen: 56.984 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion:	107	Resp:	189349
Ion	Ratio	Lower	Upper
107	100		
108	110.9	83.9	125.9
77	45.5	37.2	55.8
79	44.9	36.2	54.2

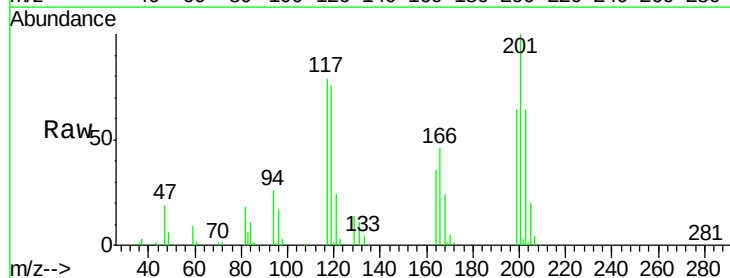


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

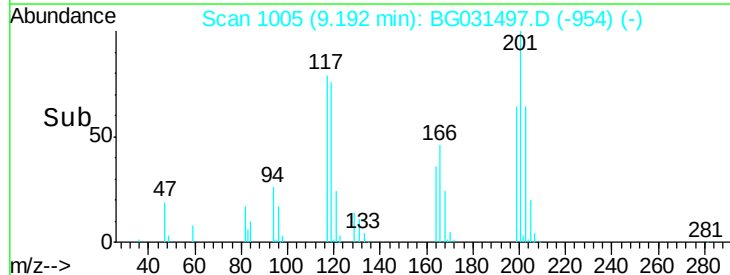
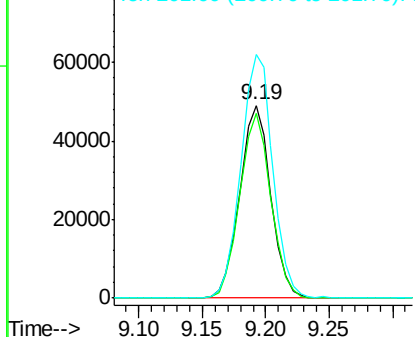


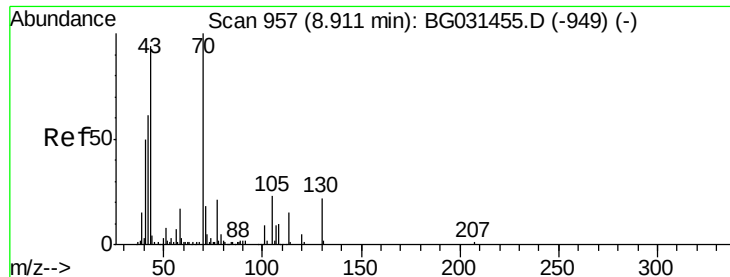
#18
Hexachloroethane
Concen: 52.120 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:	117	Resp:	82789
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
201	126.5	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

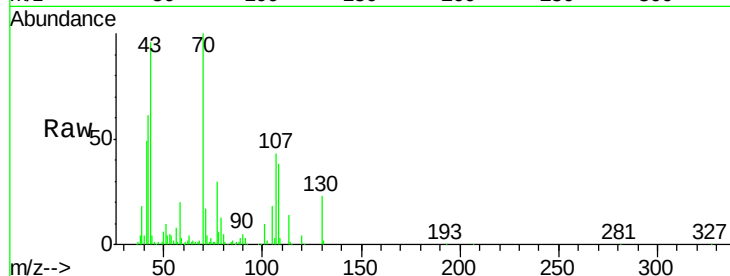




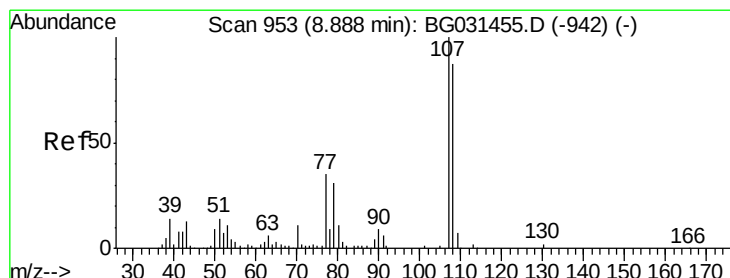
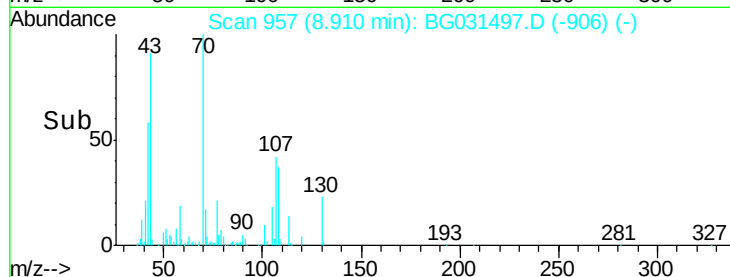
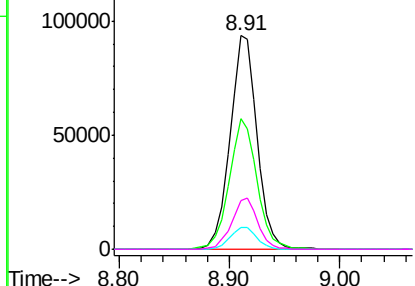
#19
n-Nitroso-di-n-propylamine
Concen: 42.799 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion: 70 Resp: 159848
Ion Ratio Lower Upper
70 100
42 60.9 49.1 73.7
101 10.3 8.5 12.7
130 22.9 13.4 20.0#

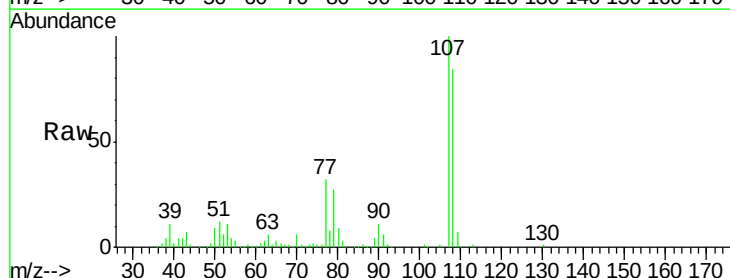


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

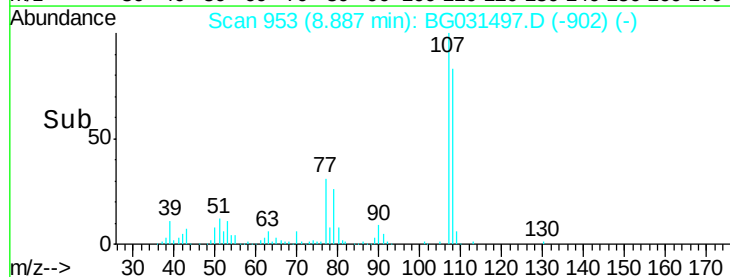
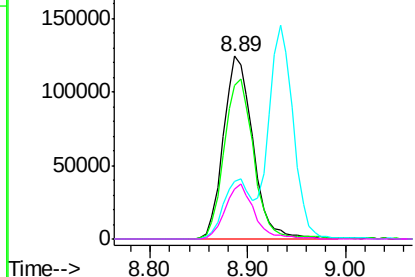


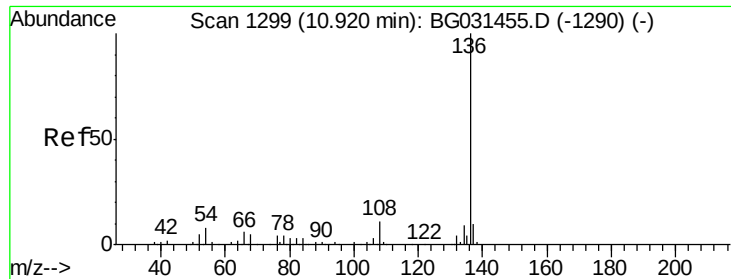
#20
3+4-Methylphenols
Concen: 52.766 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion: 107 Resp: 261193
Ion Ratio Lower Upper
107 100
108 84.0 61.6 101.6
77 31.8 13.9 53.9
79 27.2 8.8 48.8



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

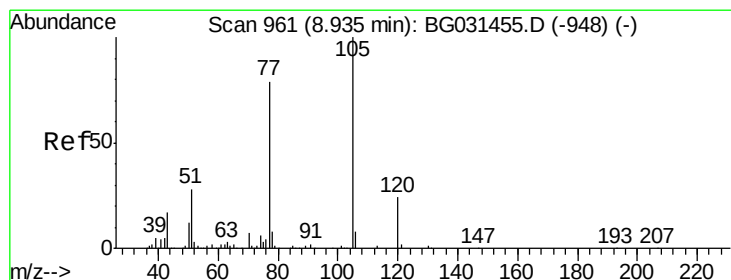
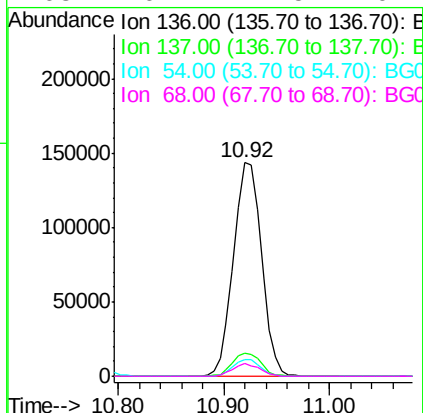
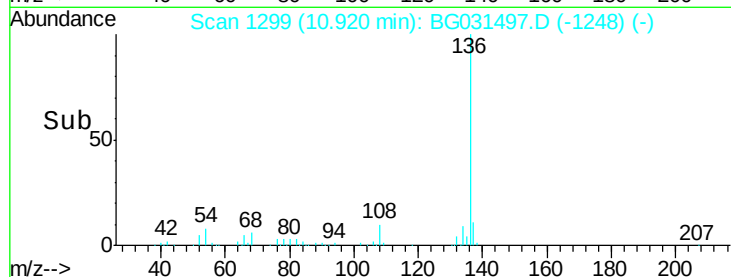
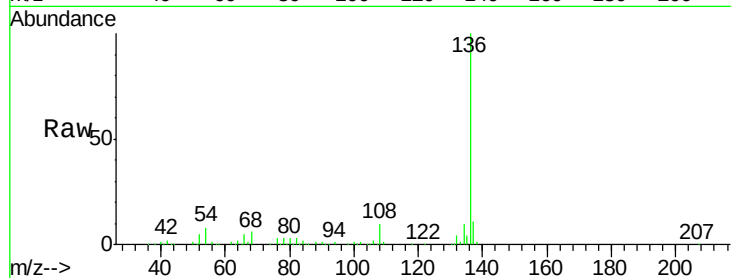




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

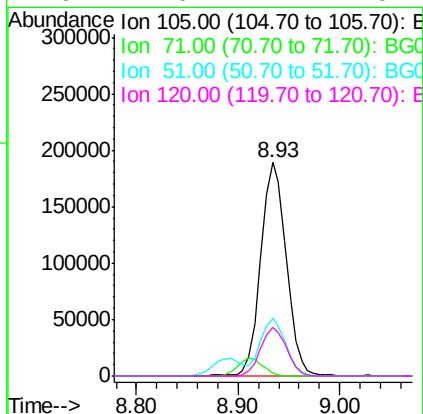
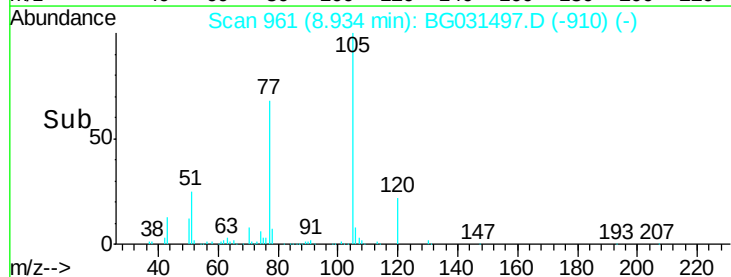
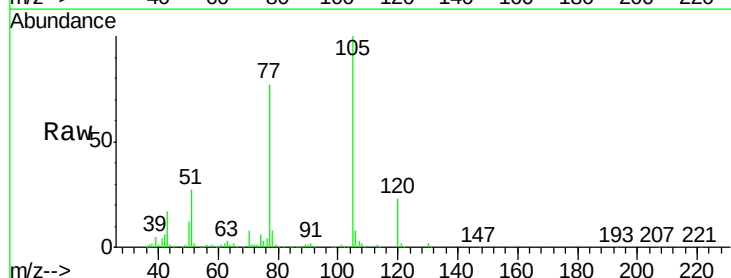
Instrument :
BNA_G
ClientSampleId :
PB104933BS

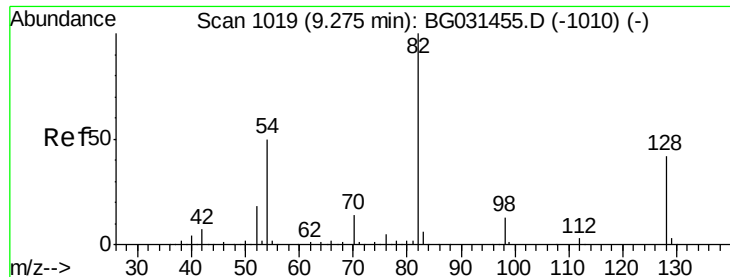
Tot Ion:136	Resp:	264048	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.2	13.8	
54 7.5	10.3	15.5#	
68 6.1	4.5	6.7	



#22
Acetophenone
Concen: 52.309 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt	Ion:105	Resp:	331349
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	27.0	26.1	39.1
120	22.6	17.4	26.2

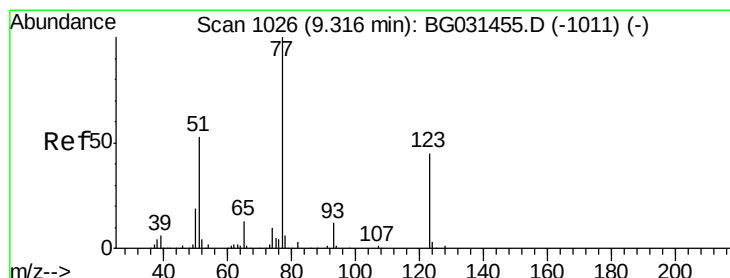
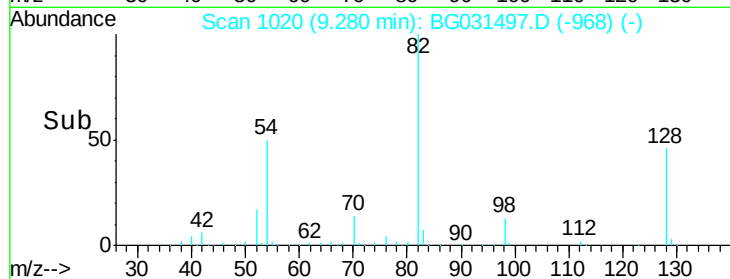
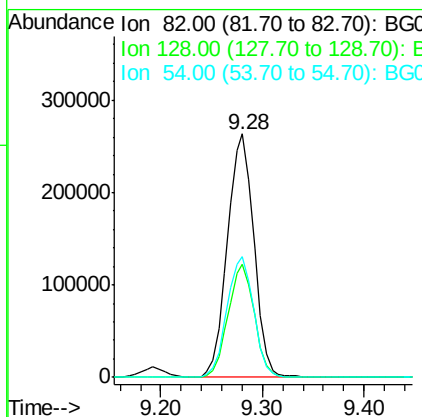
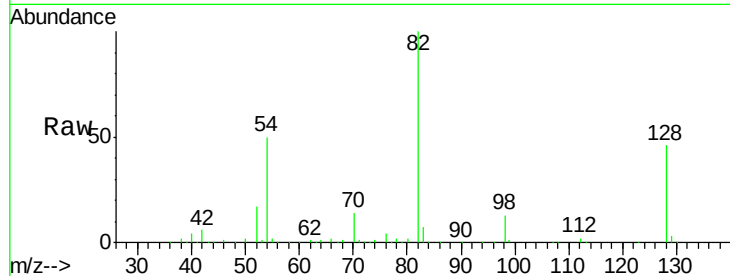




#23
 Nitrobenzene-d5
 Concen: 111.342 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

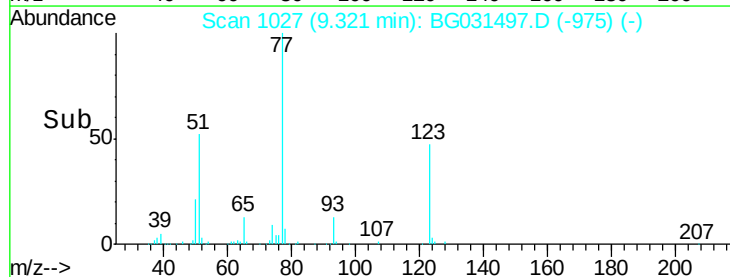
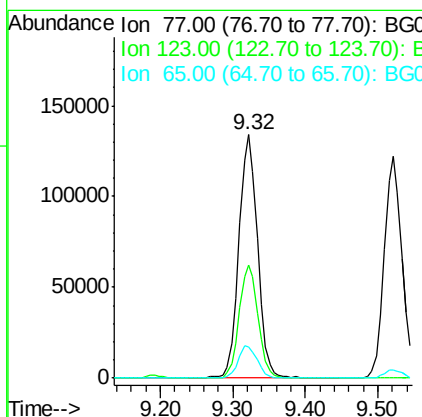
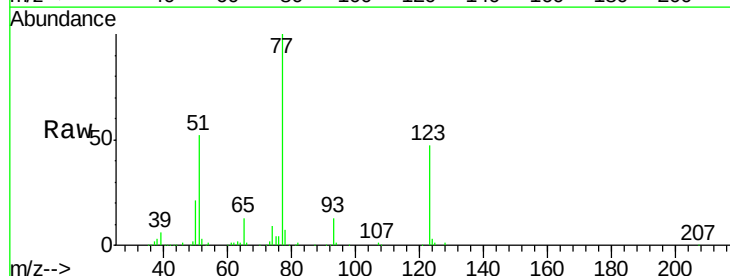
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

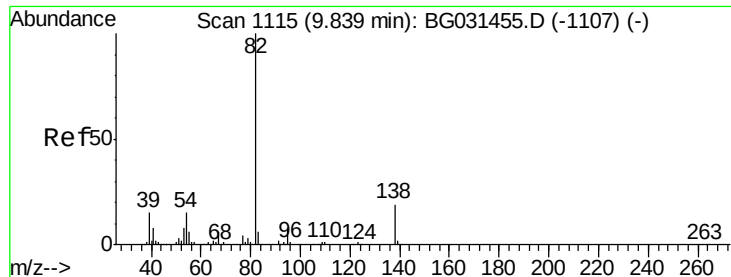
Tot Ion: 82 Resp: 476983
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 49.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 54.628 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion: 77 Resp: 239808
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.0 49.6
 65 12.9 13.0 19.6#





#25

Isophorone

Concen: 55.334 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

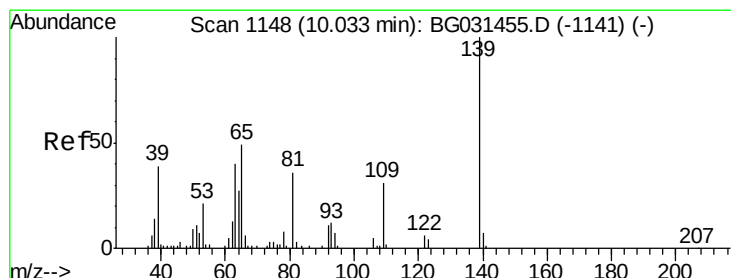
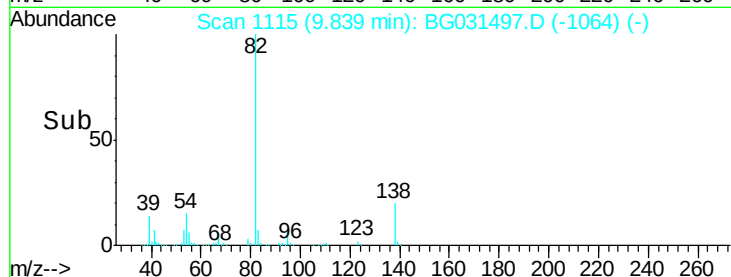
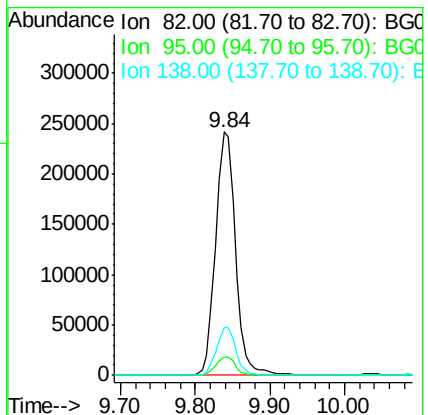
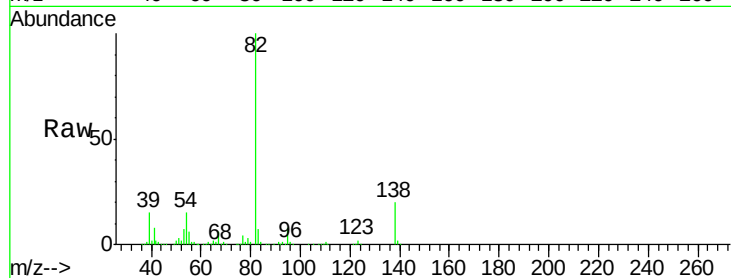
Tot Ion: 82 Resp: 447986

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 19.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 58.177 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

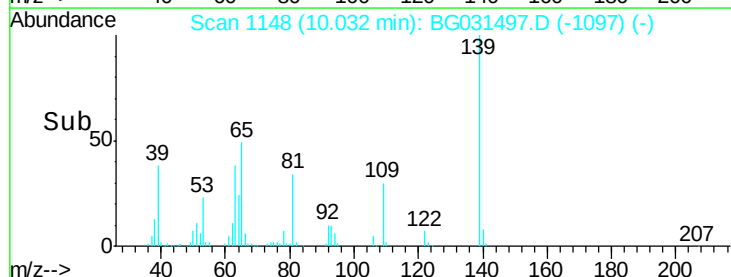
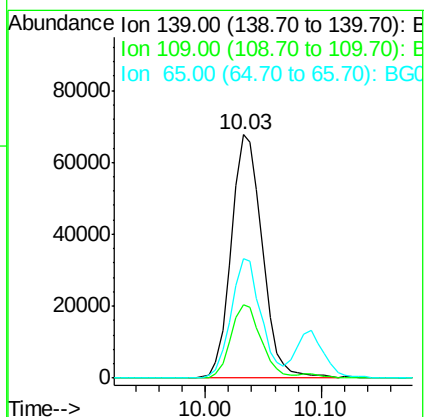
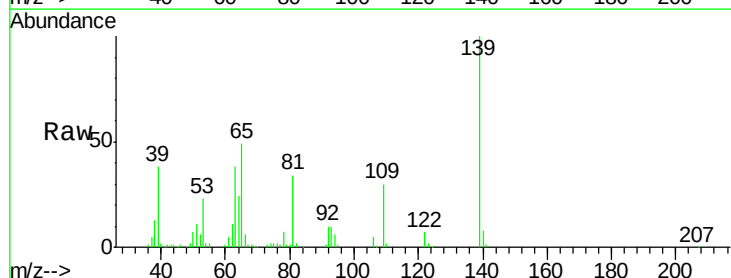
Tgt Ion: 139 Resp: 126284

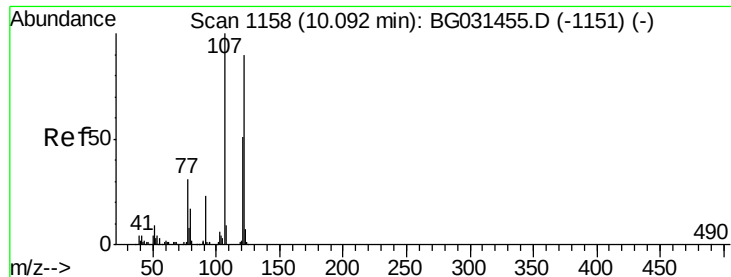
Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

65 49.2 47.4 71.0

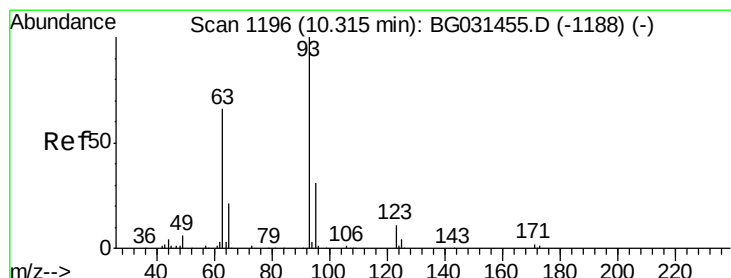
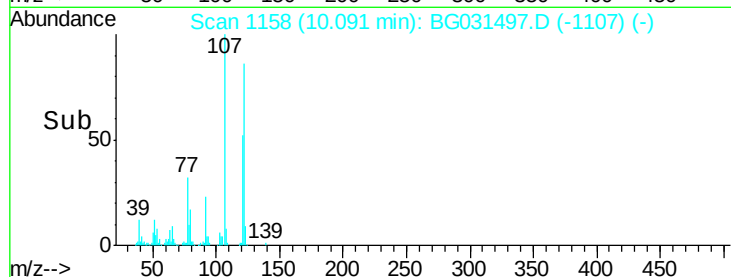
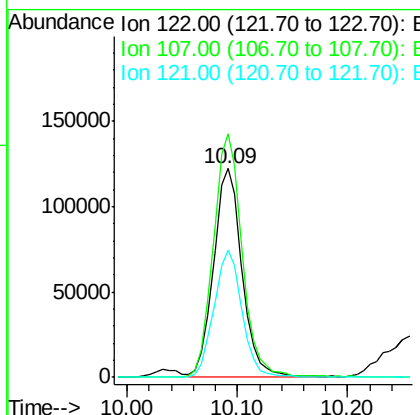
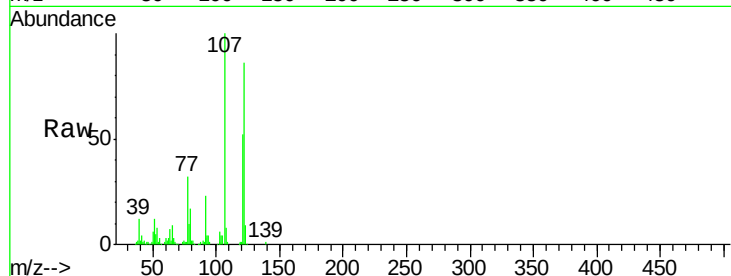




#27
 2,4-Dimethylphenol
 Concen: 65.485 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

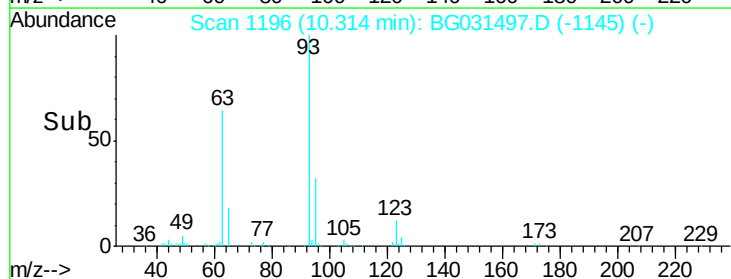
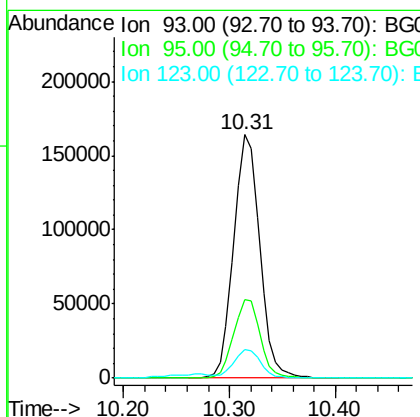
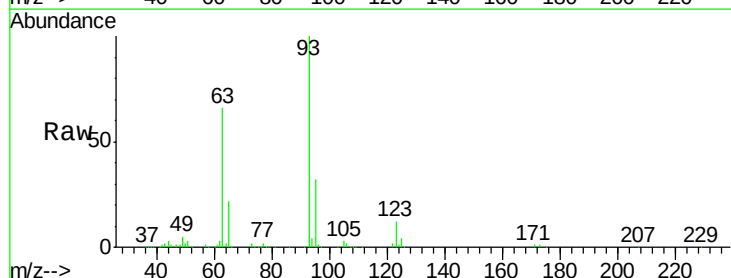
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

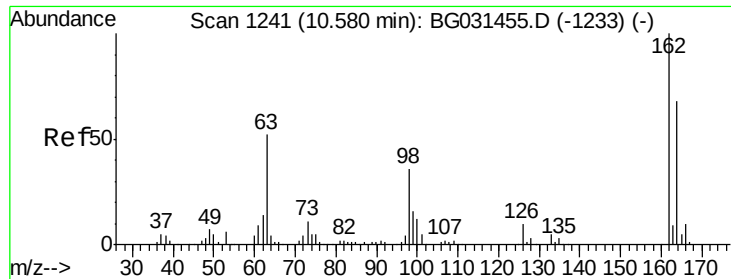
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	100.2	150.2
121	60.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.493 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	11.8	8.4	12.6

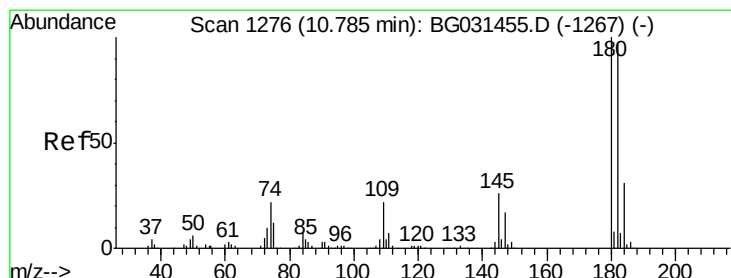
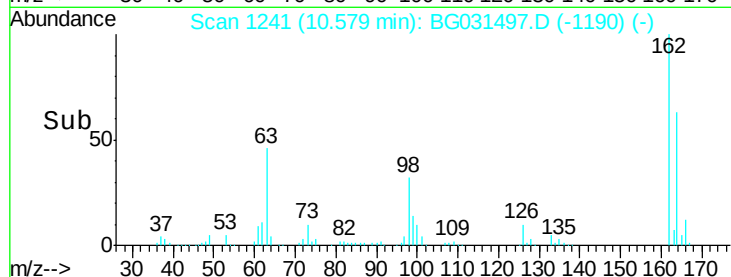
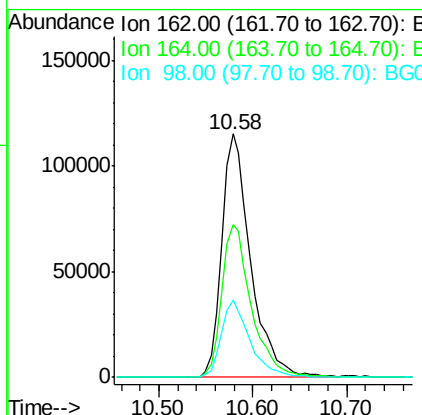
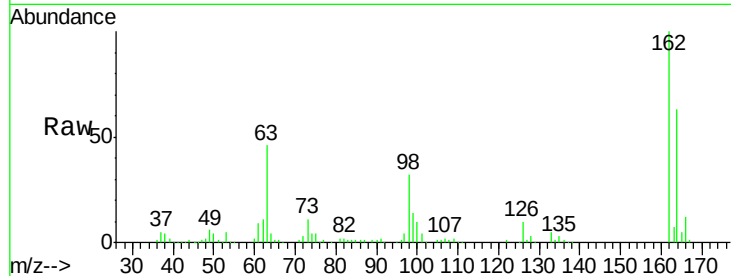




#29
 2,4-Dichlorophenol
 Concen: 63.394 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

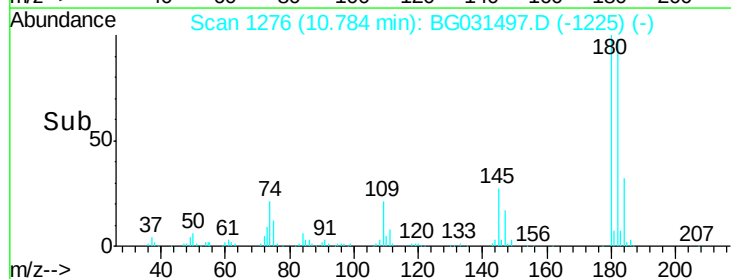
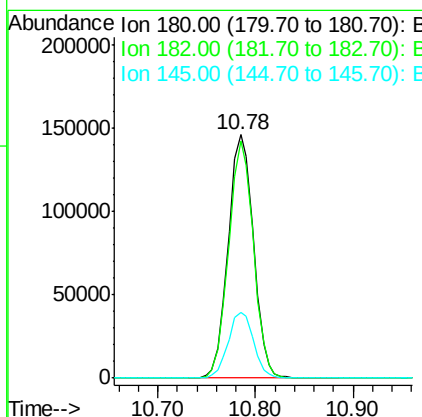
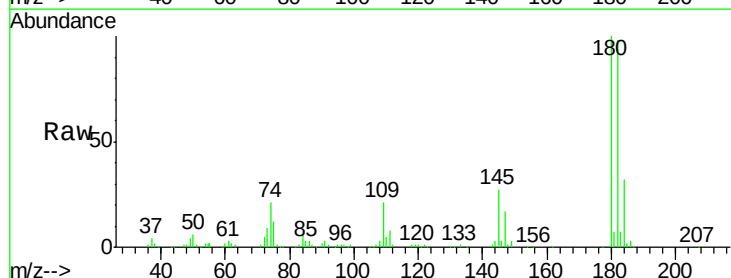
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

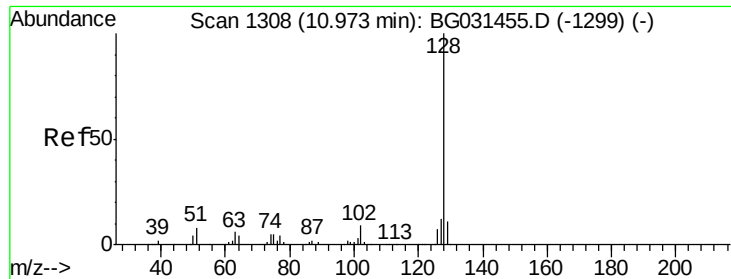
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.0	88.0
98	31.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 53.002 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	26.9	23.4	35.2

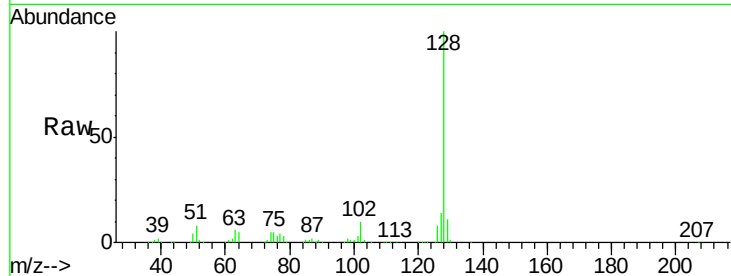




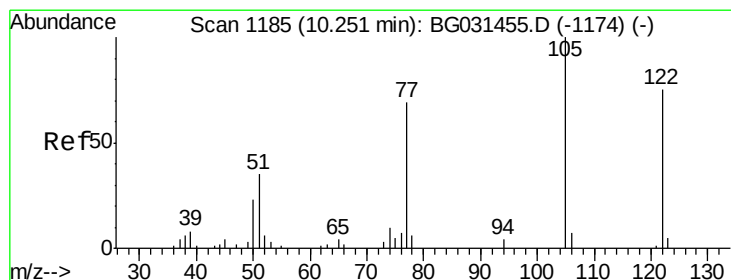
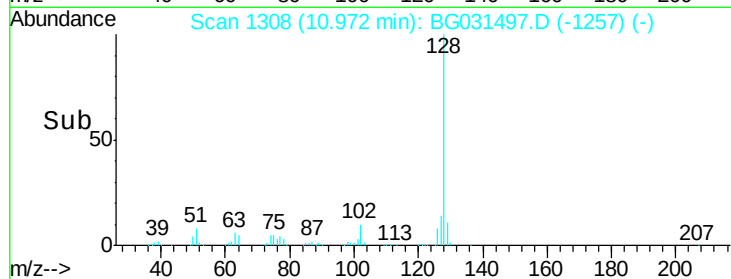
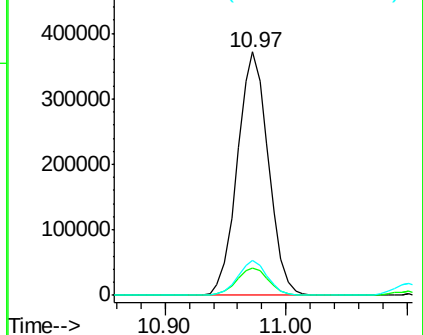
#31
Naphthalene
Concen: 51.240 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion:128 Resp: 664681
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.5 11.6 17.4

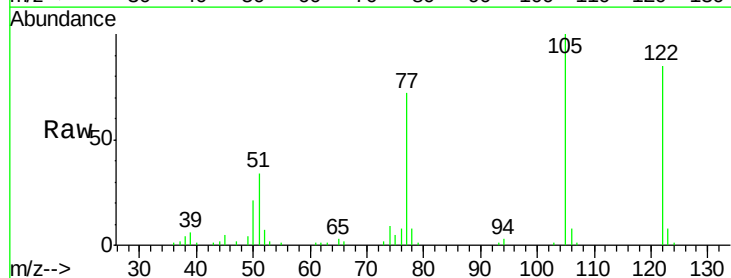


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

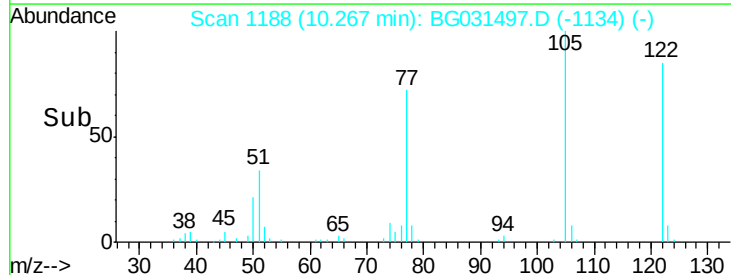
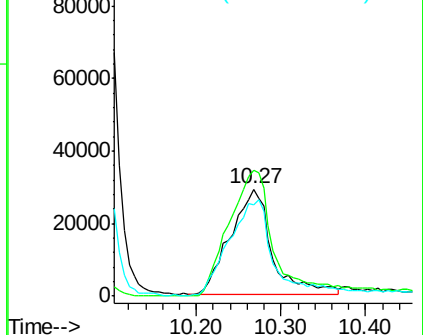


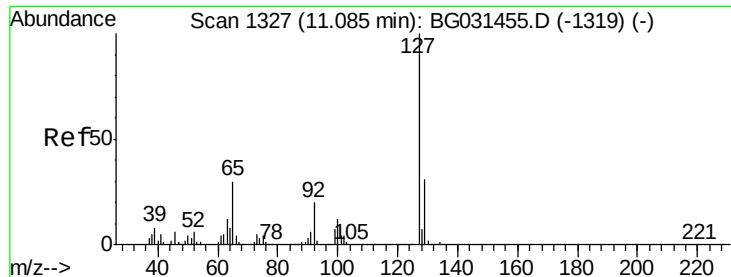
#32
Benzoic acid
Concen: 50.749 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:122 Resp: 101582
Ion Ratio Lower Upper
122 100
105 117.0 123.5 163.5#
77 84.7 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

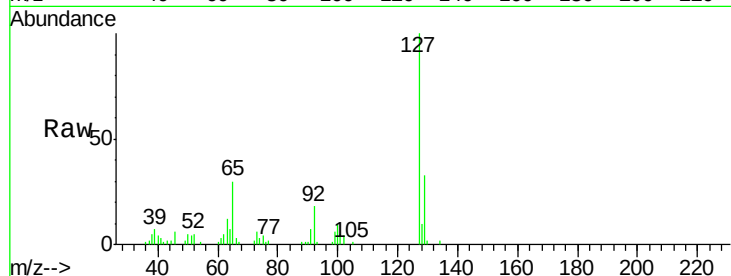




#33
4-Chloroaniline
Concen: 6.551 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		36896		
129	32.7	24.0	36.0		
65	30.0	27.0	40.4		
92	18.2	16.6	25.0		



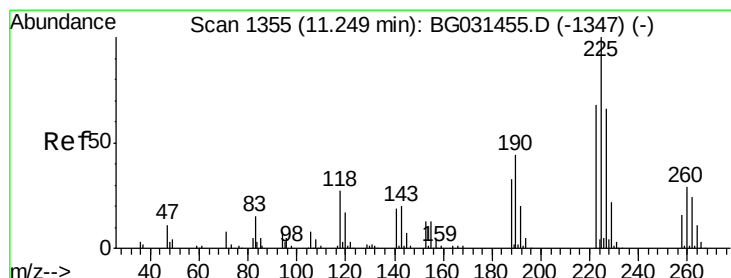
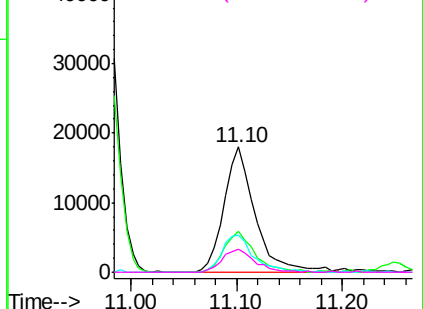
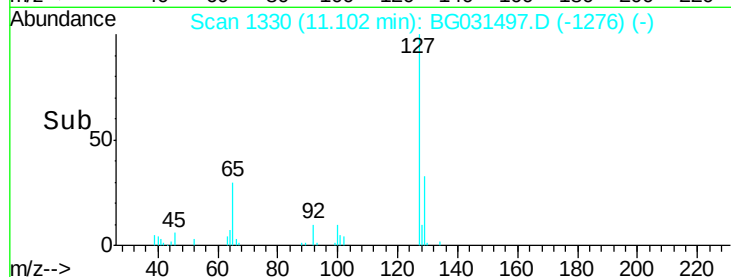
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

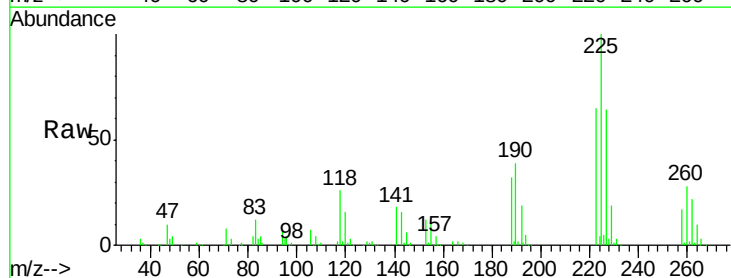
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 52.315 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		172206		
223	64.6	49.7	74.5		
227	63.7	48.1	72.1		

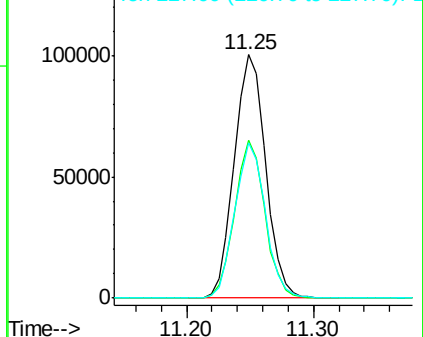
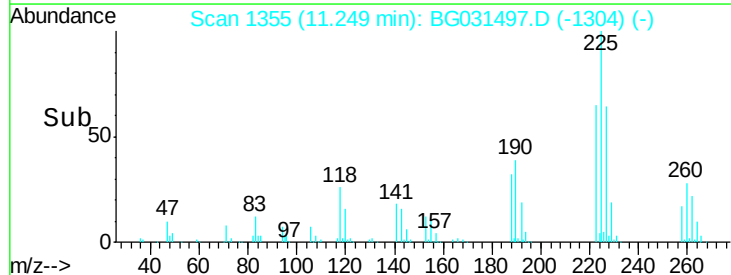


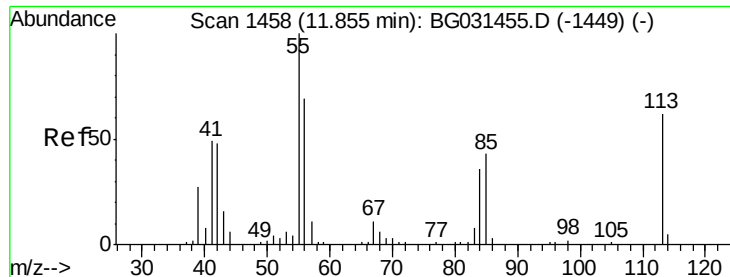
Abundance

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: 26.622 ng

RT: 11.87 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

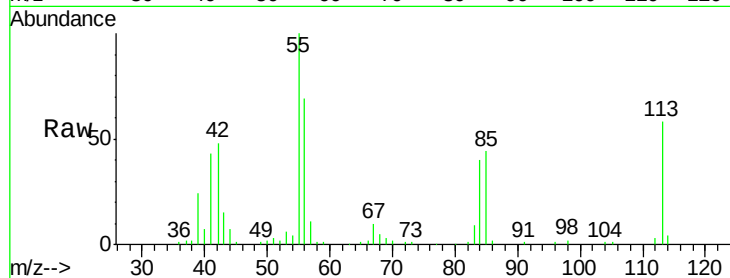
Tot Ion:113 Resp: 40613

Ion Ratio Lower Upper

113 100

55 173.5 186.9 226.9#

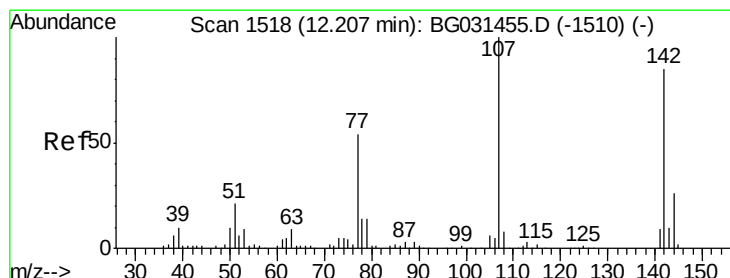
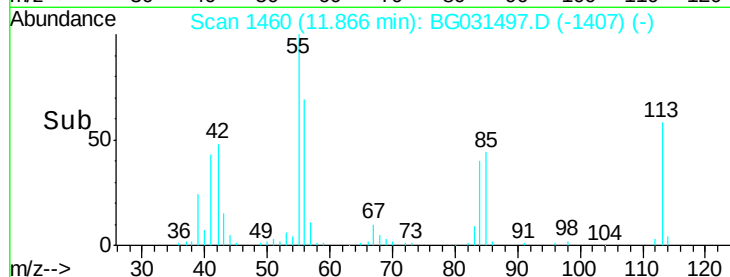
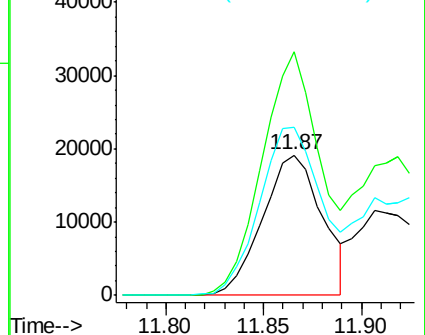
56 120.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.413 ng

RT: 12.21 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

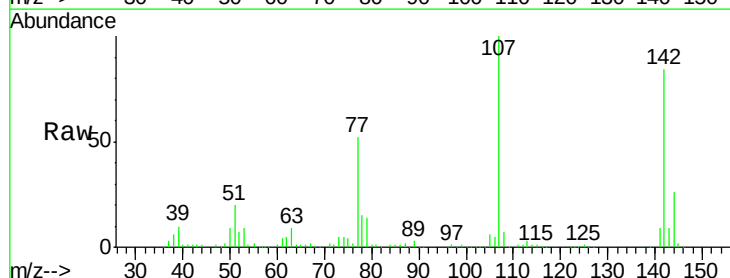
Tgt Ion:107 Resp: 245732

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

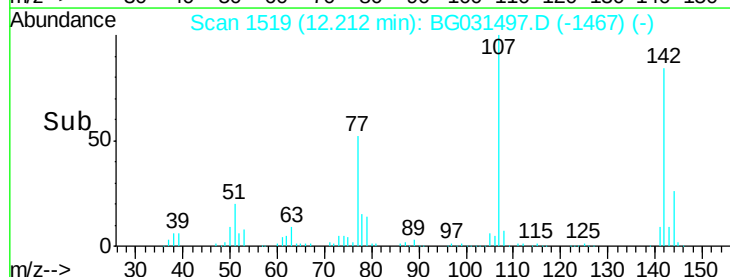
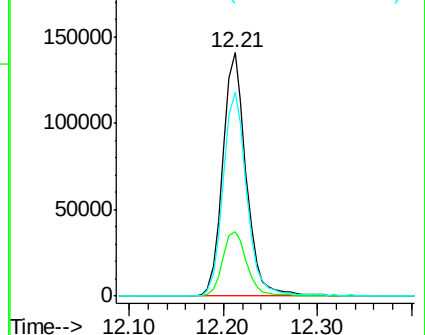
142 84.0 59.0 88.4

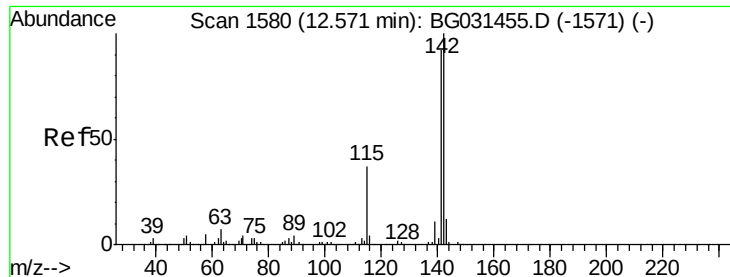


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

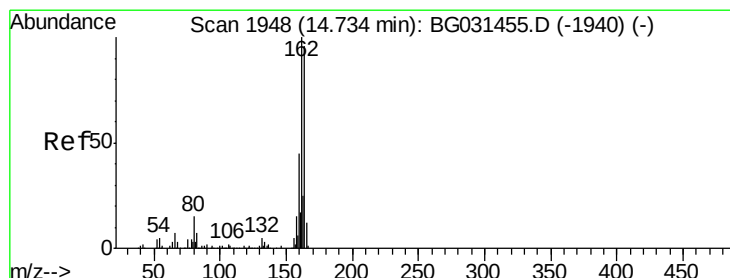
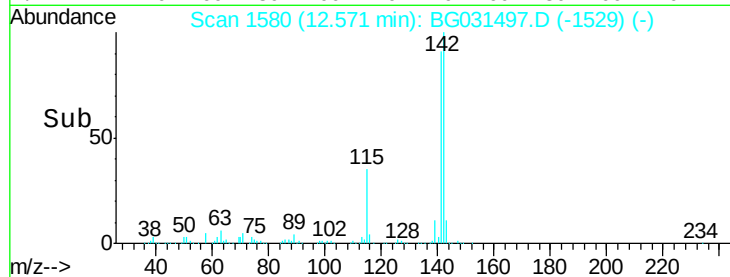
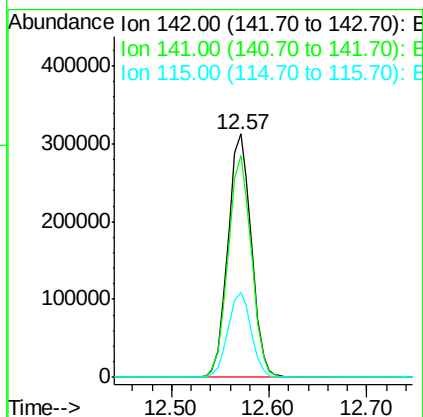
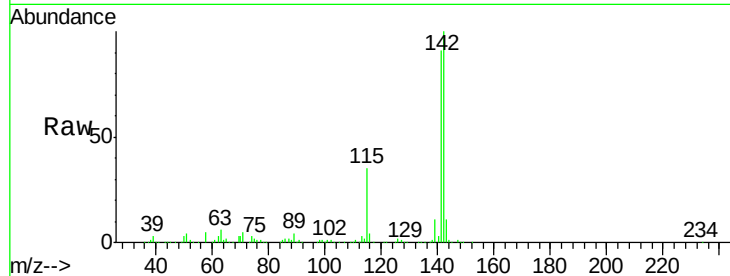




#37
 2-Methylnaphthalene
 Concen: 51.613 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

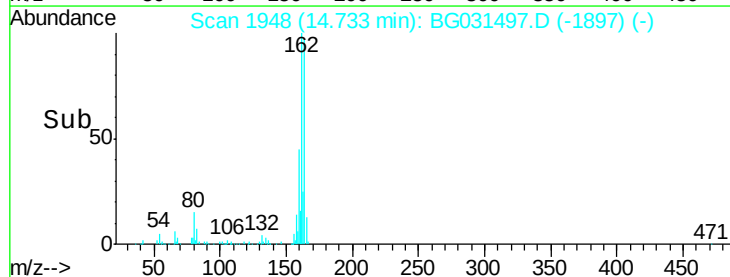
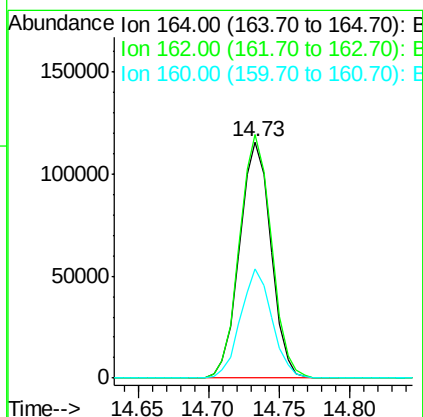
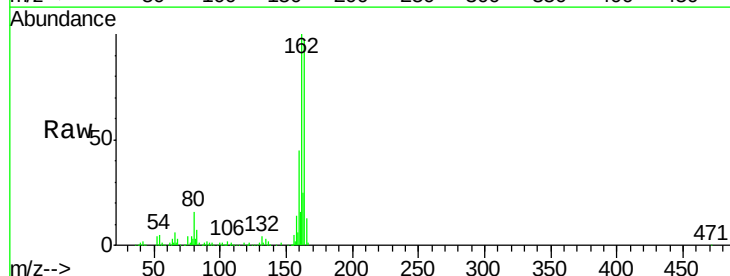
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

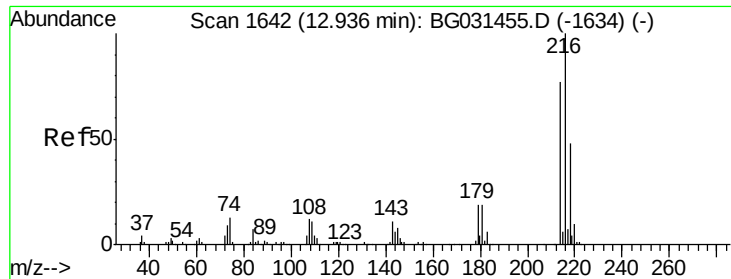
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	34.8	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	46.4	35.4	53.0

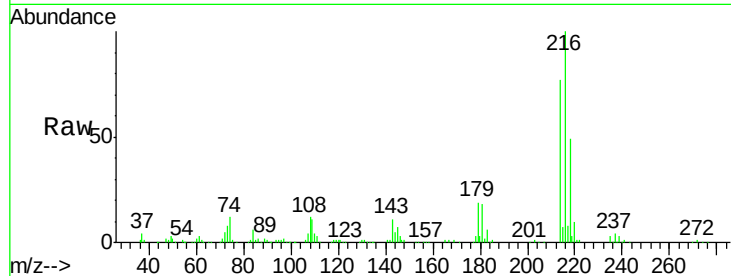




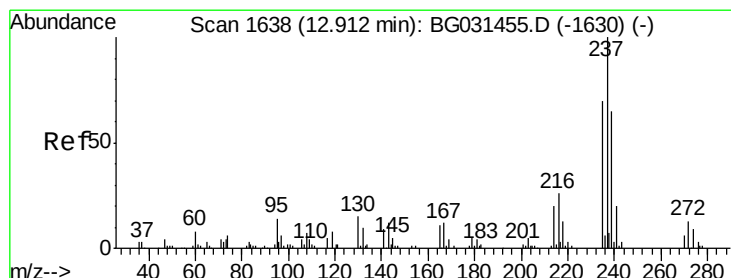
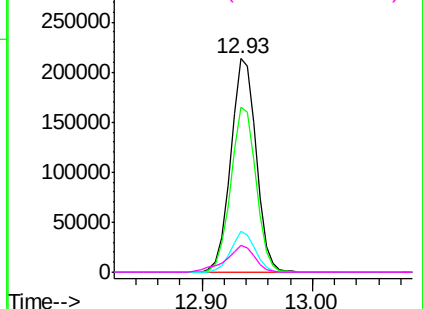
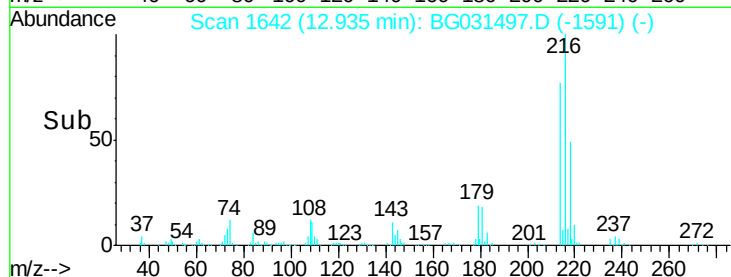
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.836 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion:216	Resp:	344487
Ion Ratio	Lower	Upper
216	100	
214	77.0	63.0 94.4
179	18.4	17.0 25.6
108	14.3	12.8 19.2

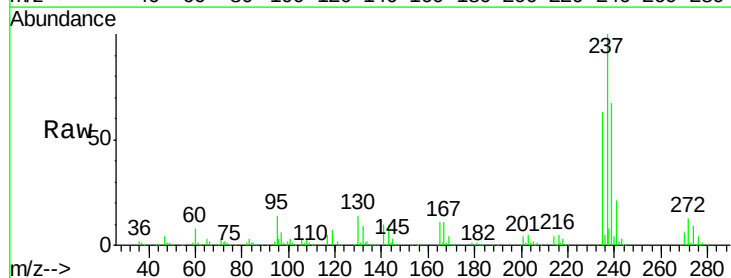


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

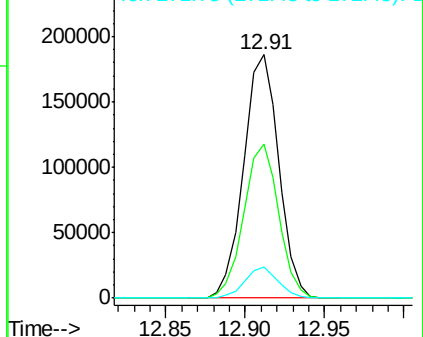
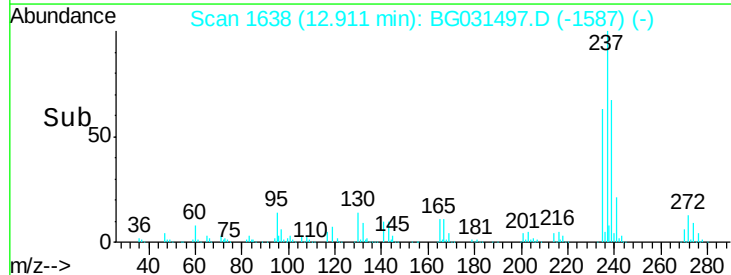


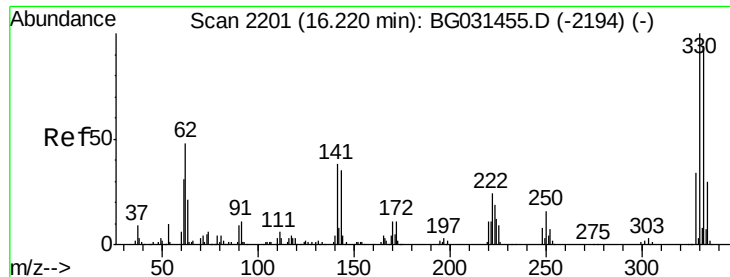
#40
 Hexachlorocyclopentadiene
 Concen: 103.455 ng
 RT: 12.91 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:237	Resp:	286367
Ion Ratio	Lower	Upper
237	100	
235	63.1	50.4 90.4
272	12.6	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: 179.563 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

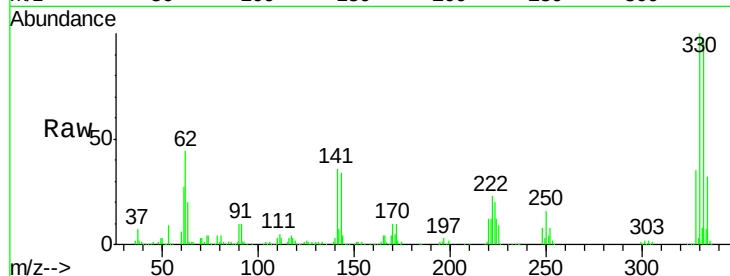
Tot Ion:330 Resp: 379684

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

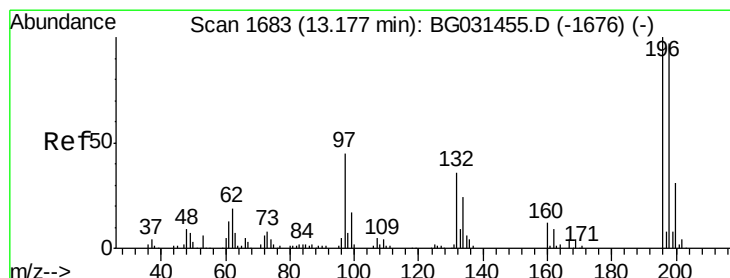
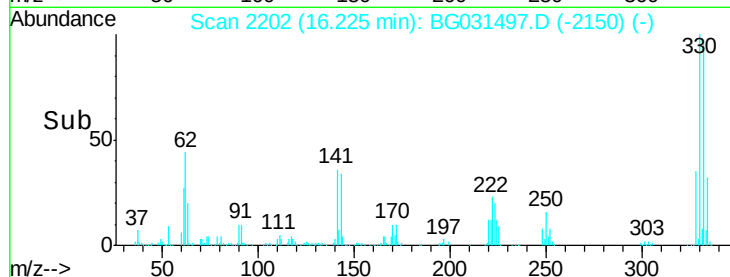
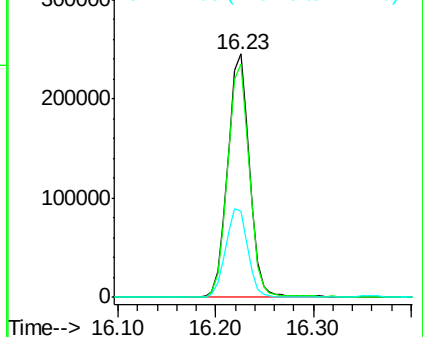
141 37.2 25.2 37.8



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: 58.959 ng

RT: 13.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

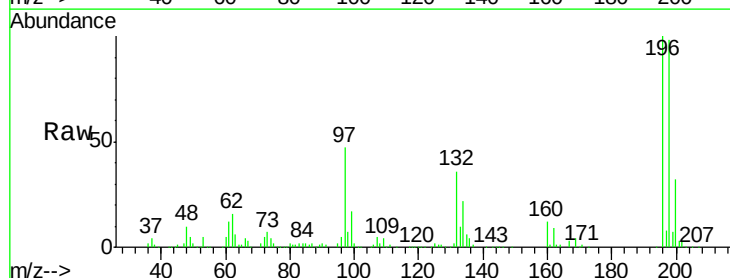
Tgt Ion:196 Resp: 212483

Ion Ratio Lower Upper

196 100

198 98.0 78.2 117.2

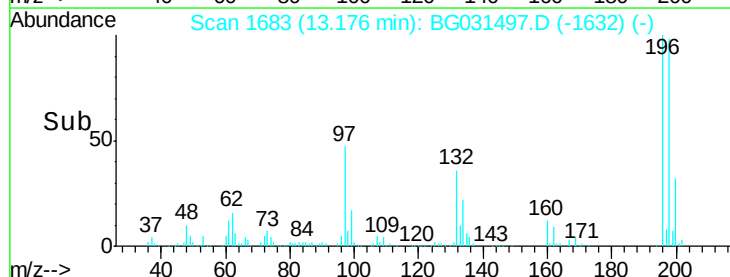
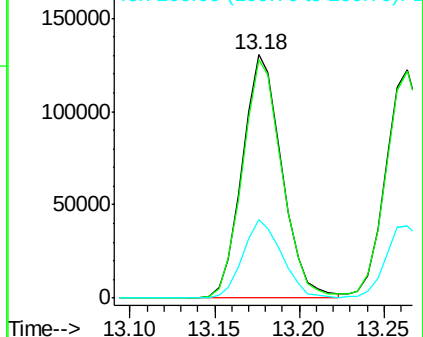
200 32.3 24.6 36.8

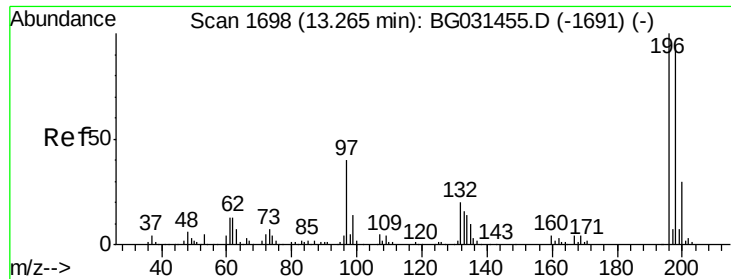


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

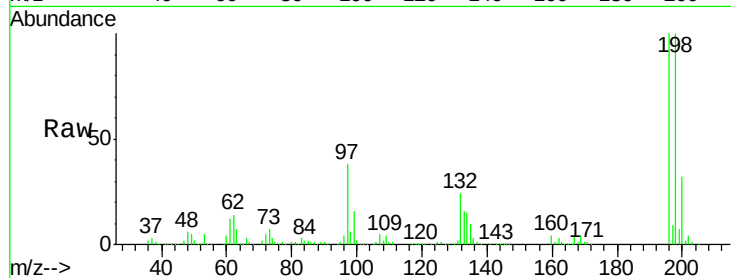




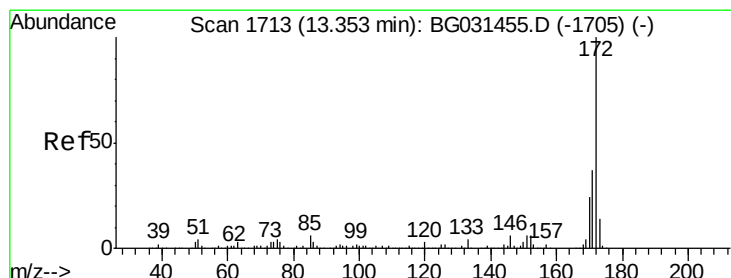
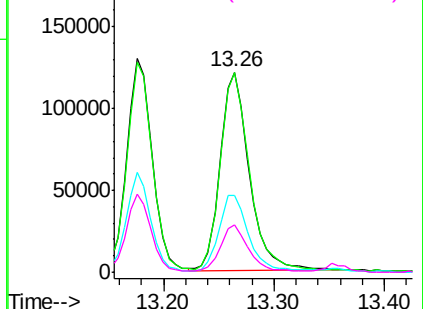
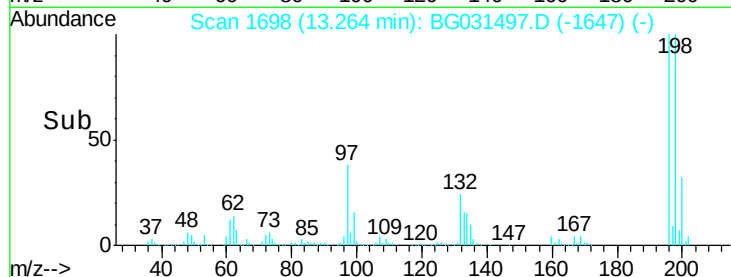
#43
 2,4,5-Trichlorophenol
 Concen: 57.765 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	76.2	114.4
97	38.4	38.7	58.1#
132	23.6	20.2	30.2

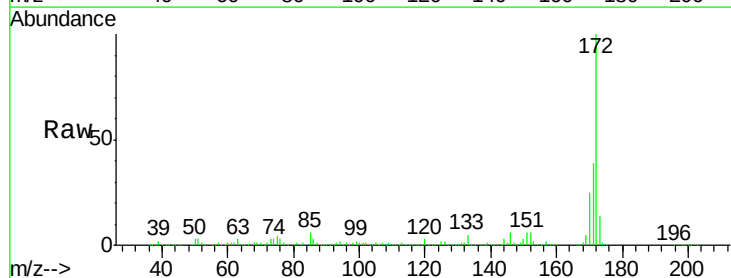


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

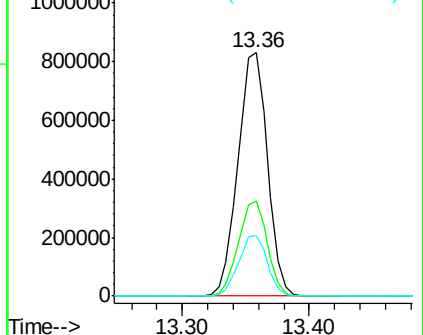
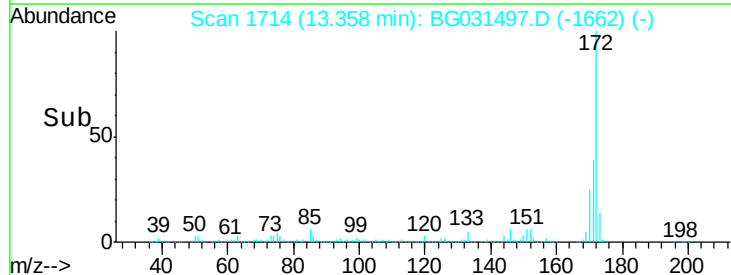


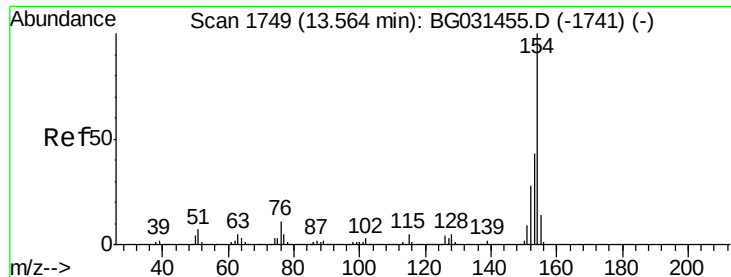
#44
 2-Fluorobiphenyl
 Concen: 108.593 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	24.9	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

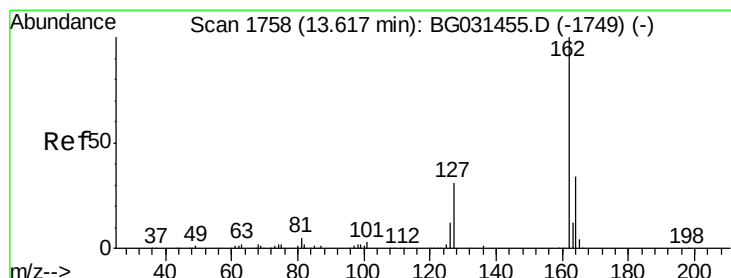
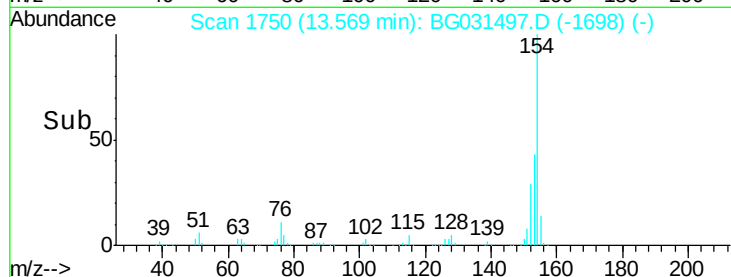
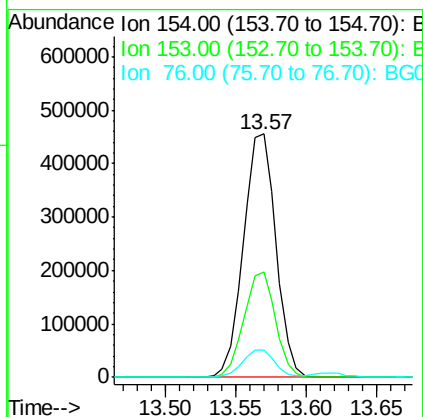
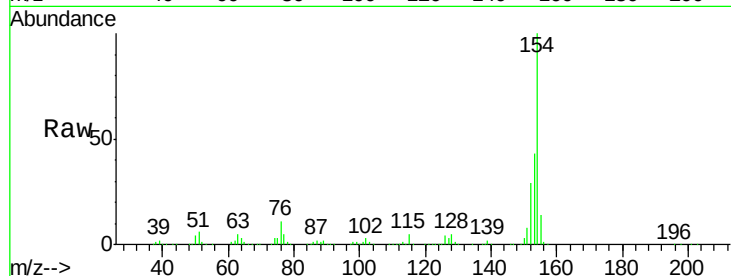




#45
 1,1'-Biphenyl
 Concen: 49.473 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

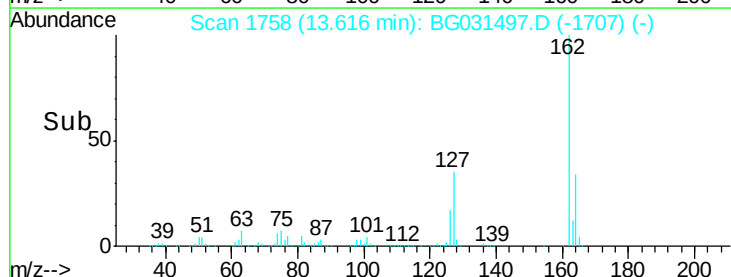
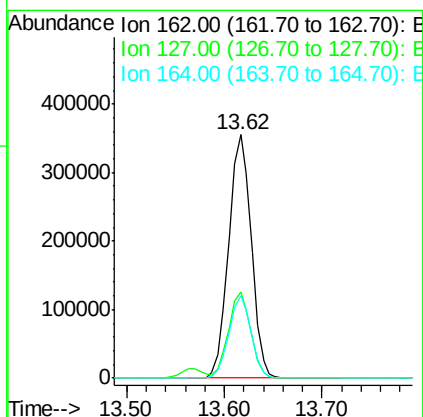
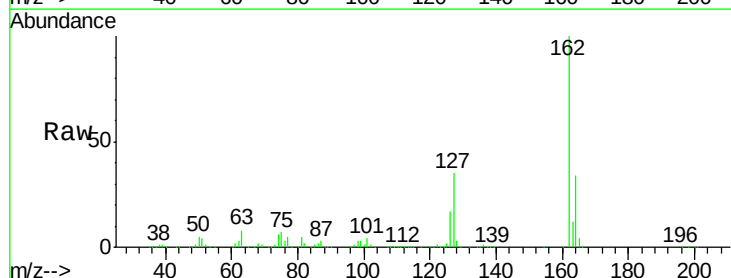
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

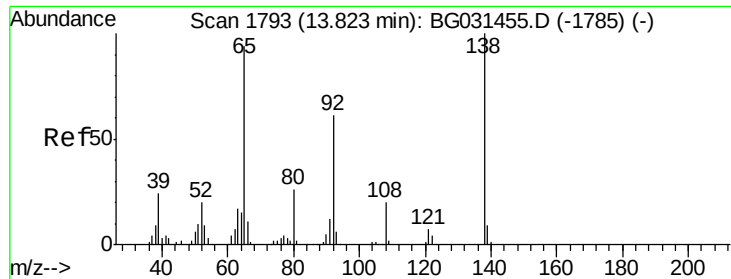
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	11.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 52.496 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 52.086 ng

RT: 13.82 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampled :

PB104933BS

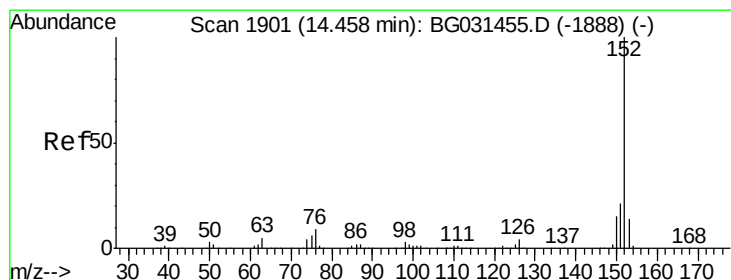
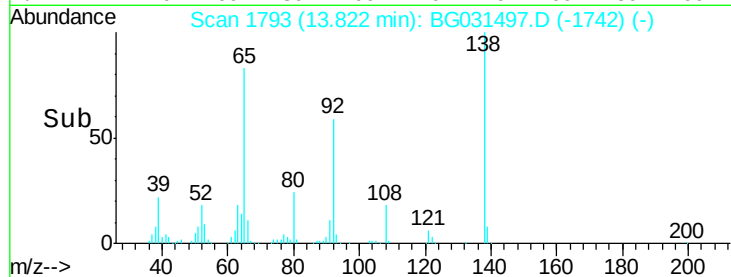
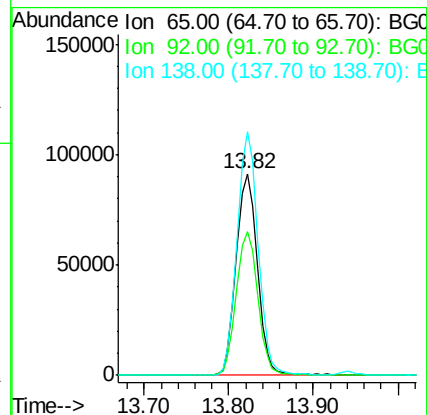
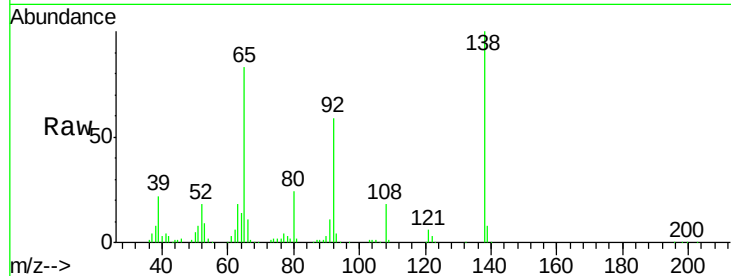
Tot Ion: 65 Resp: 158803

Ion Ratio Lower Upper

65 100

92 70.9 54.6 82.0

138 120.6 72.9 109.3#



#48

Acenaphthylene

Concen: 49.397 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

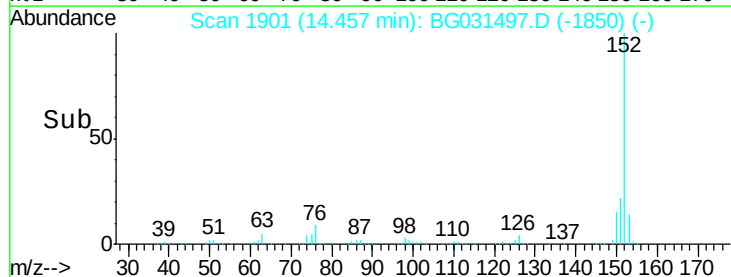
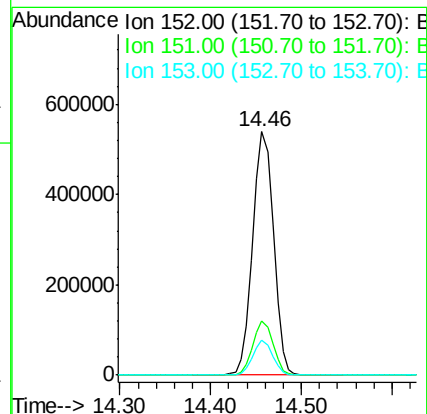
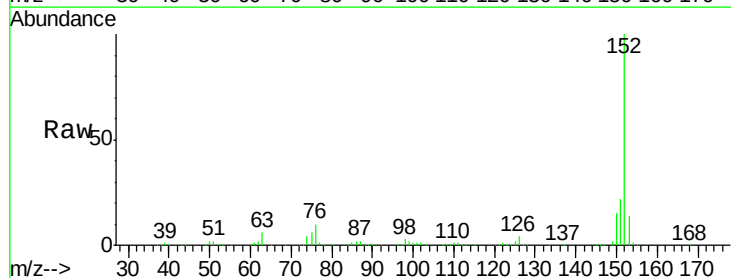
Tgt Ion: 152 Resp: 862401

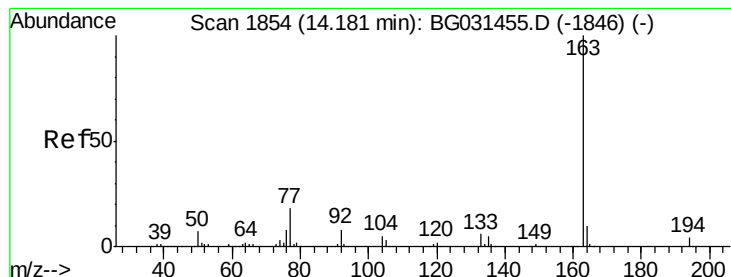
Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

153 14.2 10.2 15.4





#49

Dimethylphthalate

Concen: 51.109 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

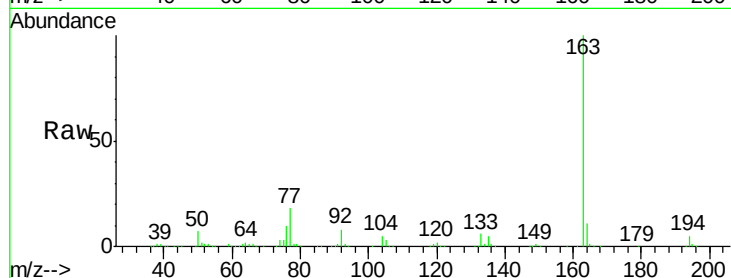
Tot Ion:163 Resp: 763702

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

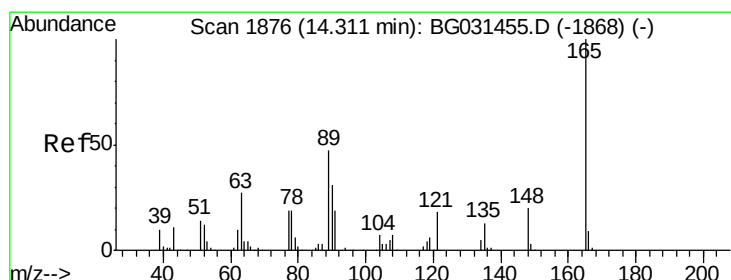
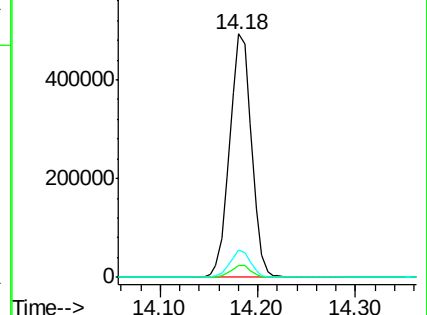
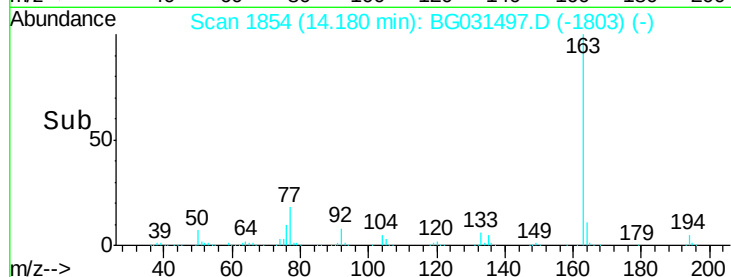
164 11.0 8.2 12.4



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: 54.778 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

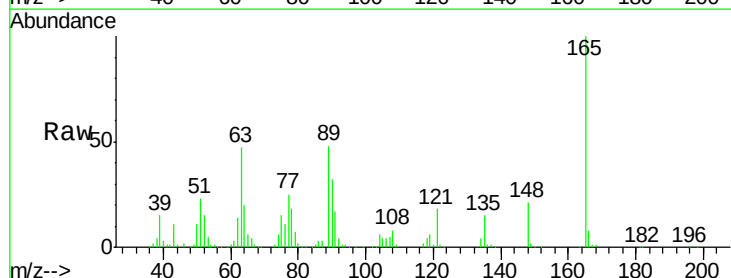
Tgt Ion:165 Resp: 174955

Ion Ratio Lower Upper

165 100

63 46.8 52.7 79.1#

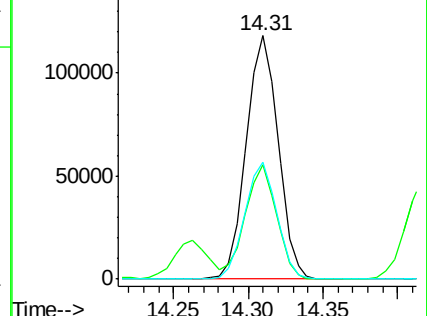
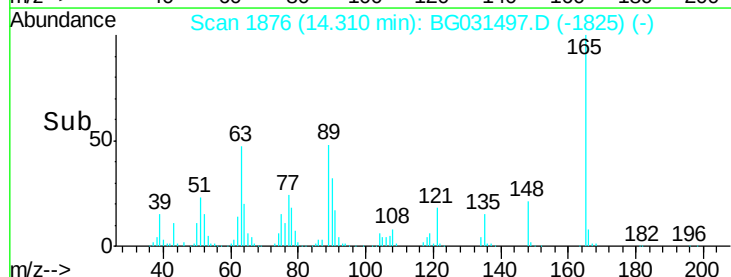
89 48.2 49.2 73.8#

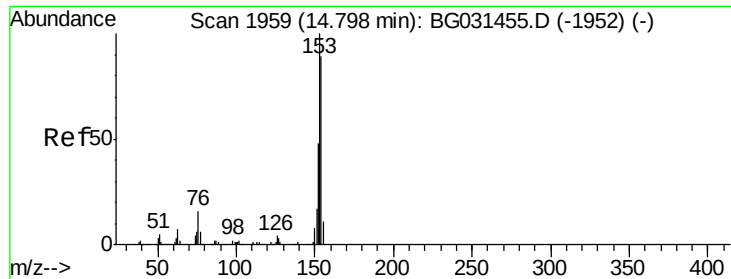


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 48.616 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

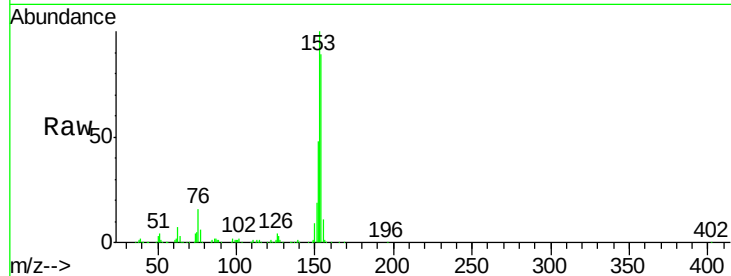
Tot Ion:154 Resp: 536676

Ion Ratio Lower Upper

154 100

153 112.5 90.4 135.6

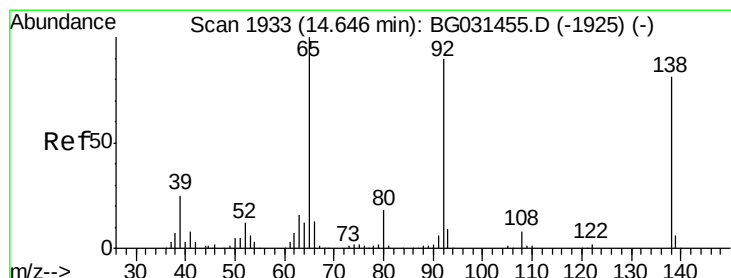
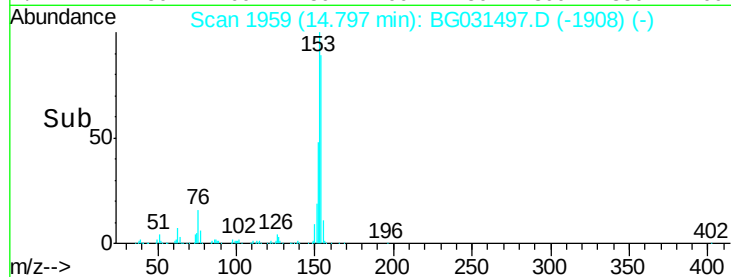
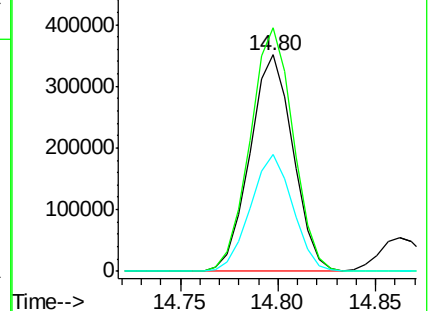
152 53.9 41.6 62.4



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: 14.335 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

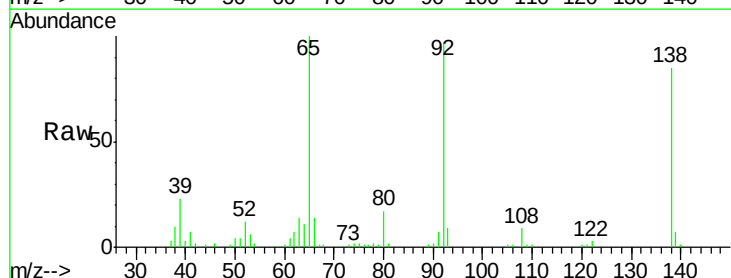
Tgt Ion:138 Resp: 46672

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

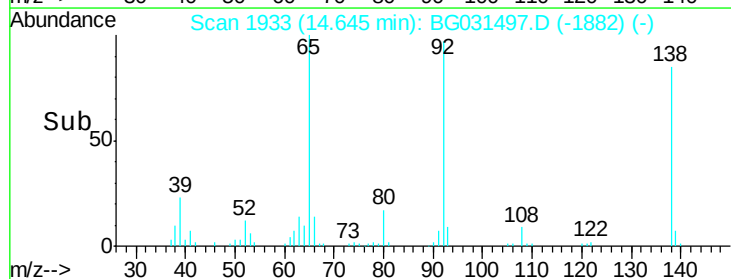
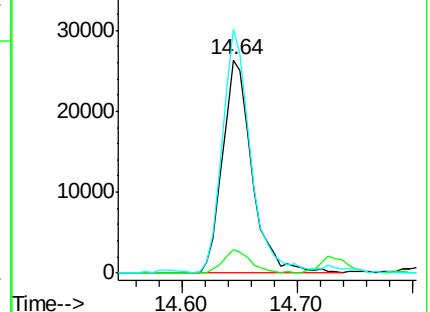
92 114.2 105.8 158.8

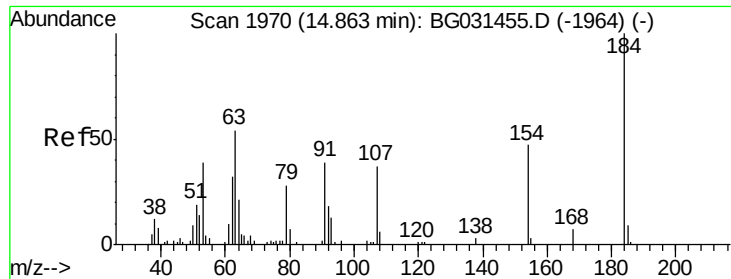


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

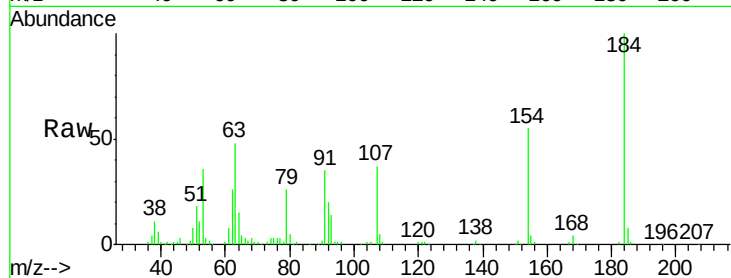




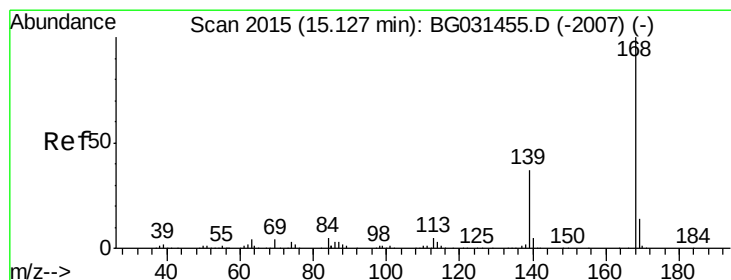
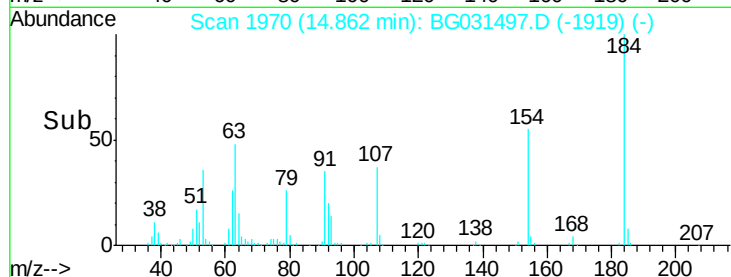
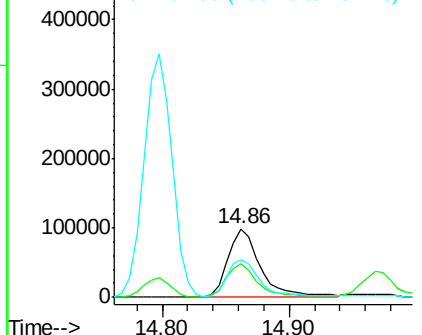
#53
2,4-Dinitrophenol
Concen: 125.702 ng
RT: 14.86 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Tot Ion:184 Resp: 175313
Ion Ratio Lower Upper
184 100
63 48.3 59.8 89.8#
154 55.3 101.8 152.8#

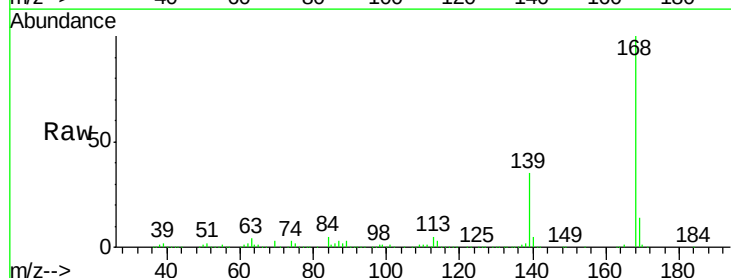


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

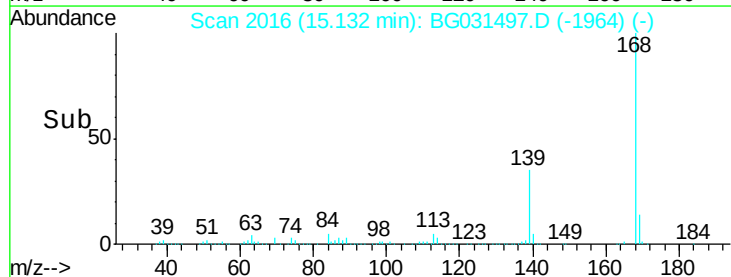
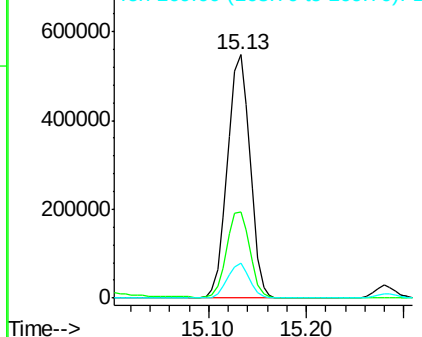


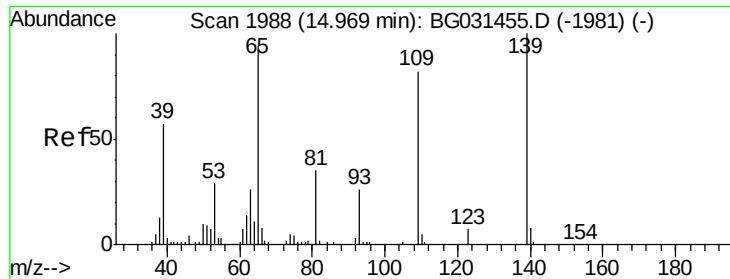
#54
Dibenzofuran
Concen: 49.988 ng
RT: 15.13 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:168 Resp: 880571
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0
169 14.2 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

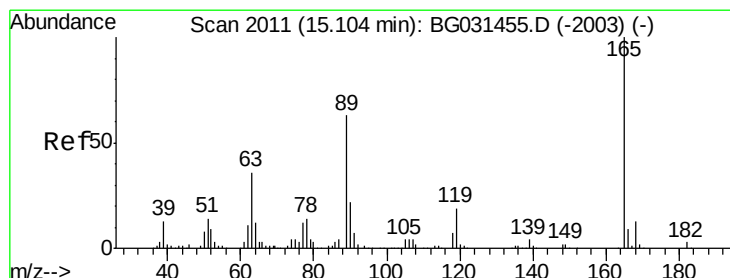
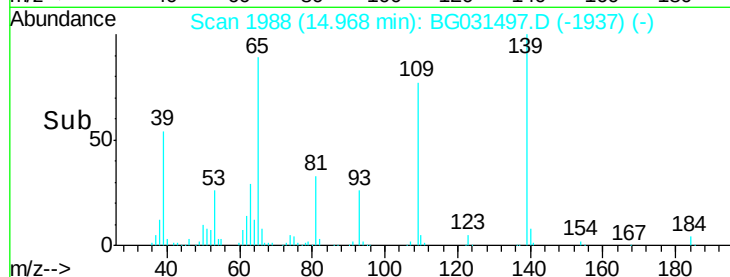
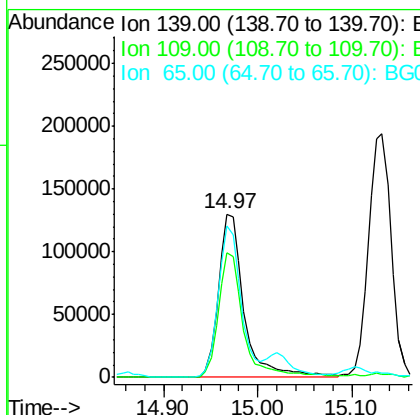
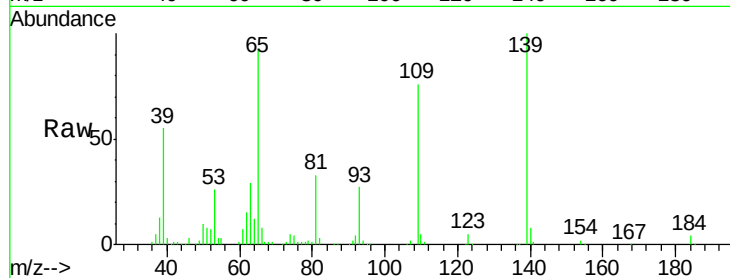




#55
4-Nitrophenol
Concen: 111.062 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

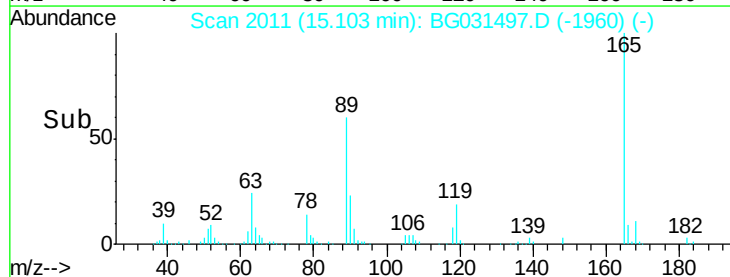
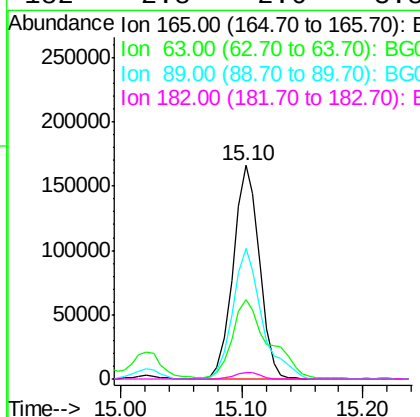
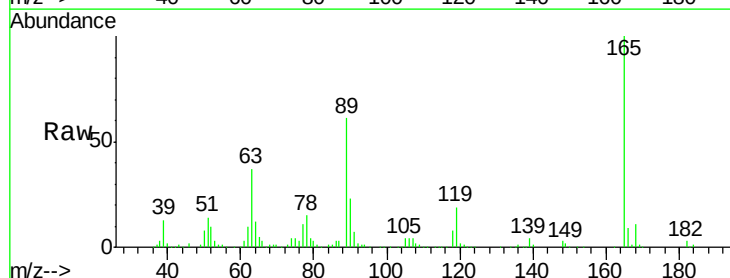
Instrument :
BNA_G
ClientSampleId :
PB104933BS

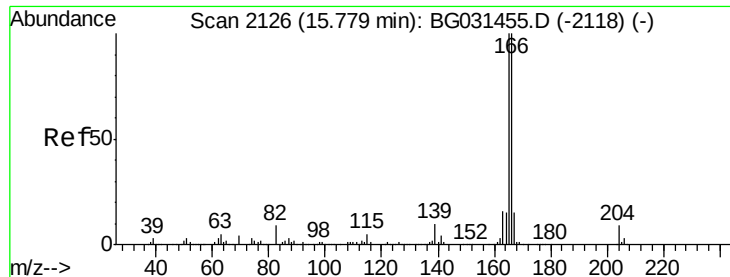
Tot Ion:139 Resp: 247498
Ion Ratio Lower Upper
139 100
109 76.4 62.2 102.2
65 92.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 55.244 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:165 Resp: 250608
Ion Ratio Lower Upper
165 100
63 37.1 42.0 63.0#
89 61.1 66.9 100.3#
182 2.8 2.6 3.8





#57

Fluorene

Concen: 50.568 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

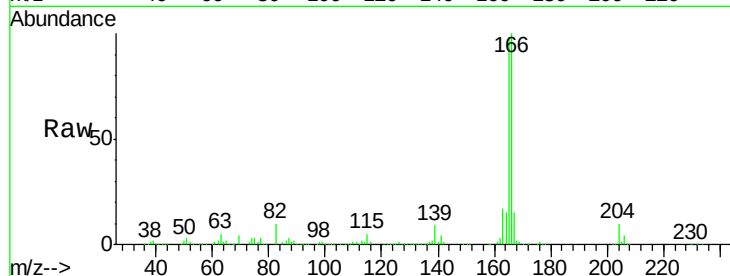
Tot Ion:166 Resp: 713760

Ion Ratio Lower Upper

166 100

165 97.7 80.6 121.0

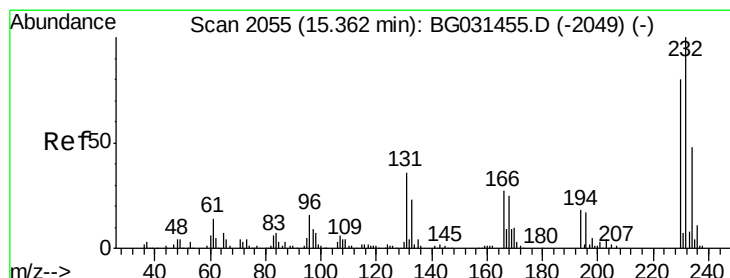
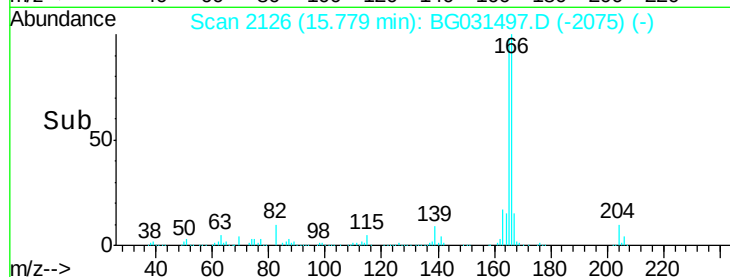
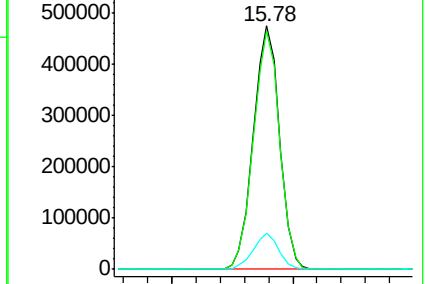
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.021 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Tgt Ion:232 Resp: 226320

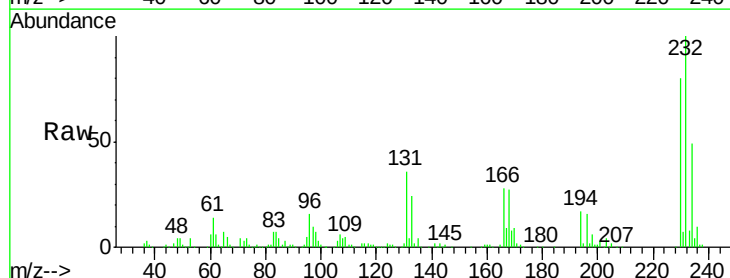
Ion Ratio Lower Upper

232 100

131 33.5 33.5 50.3#

130 2.0 2.2 3.2#

166 26.6 24.8 37.2

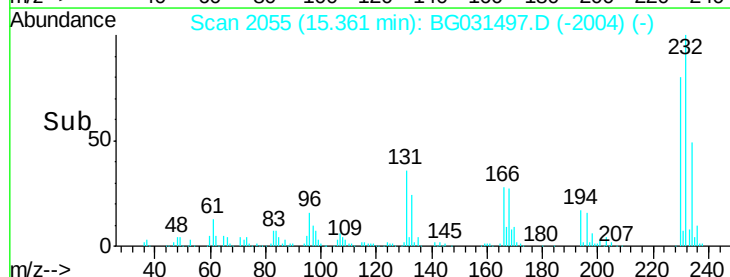
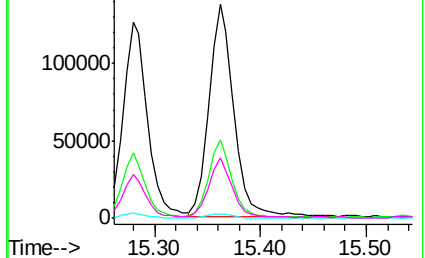


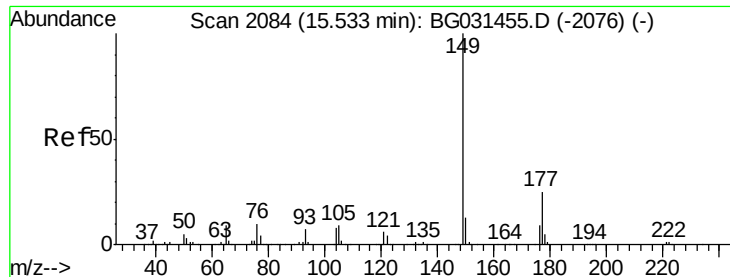
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.836 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

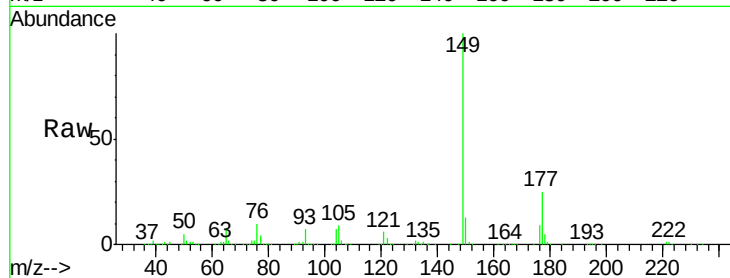
Tot Ion:149 Resp: 761419

Ion Ratio Lower Upper

149 100

177 25.3 18.5 27.7

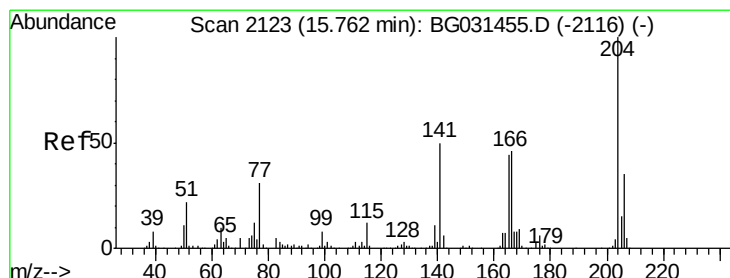
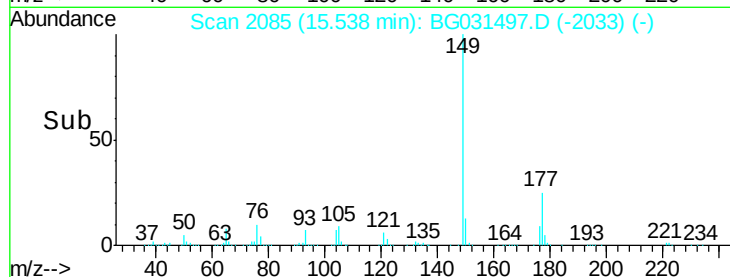
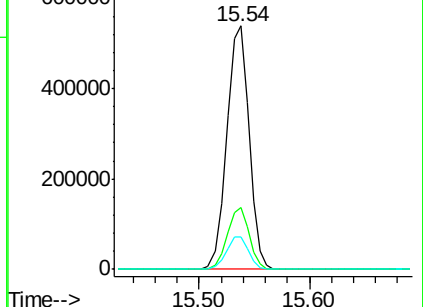
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.502 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

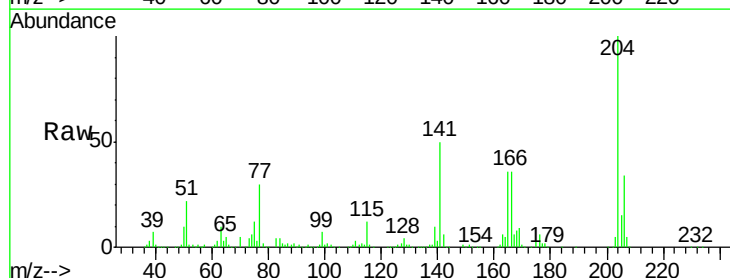
Tgt Ion:204 Resp: 418846

Ion Ratio Lower Upper

204 100

206 34.0 26.2 39.2

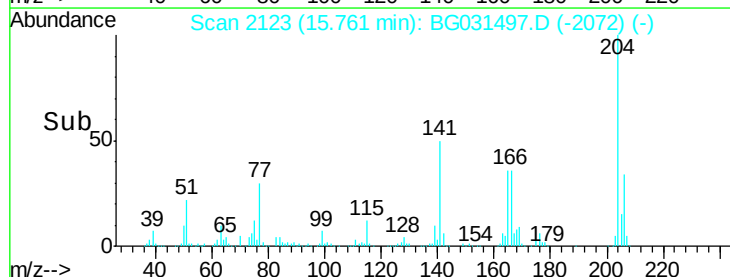
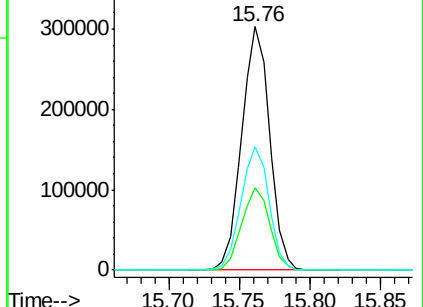
141 50.5 45.8 68.6

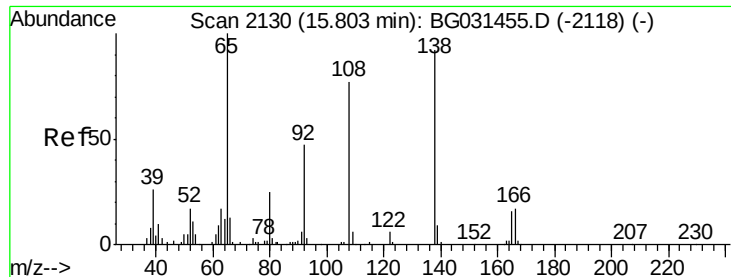


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

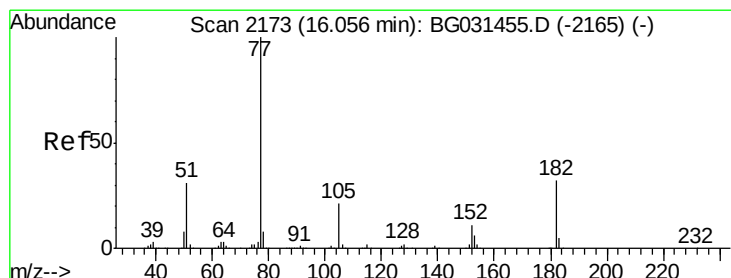
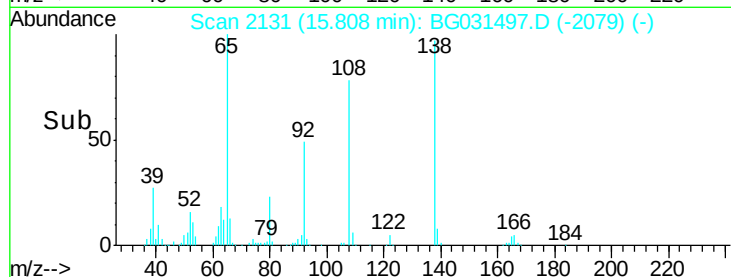
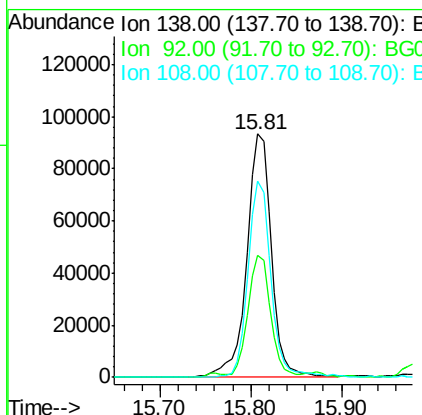
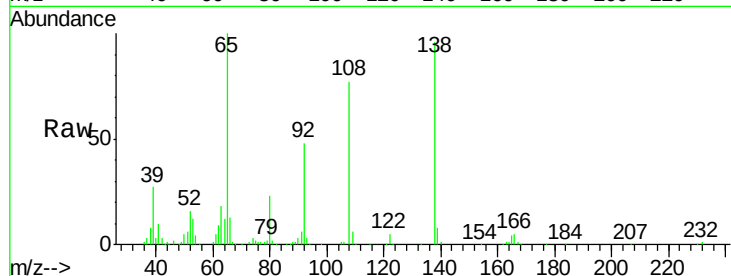




#61
4-Nitroaniline
Concen: 51.484 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

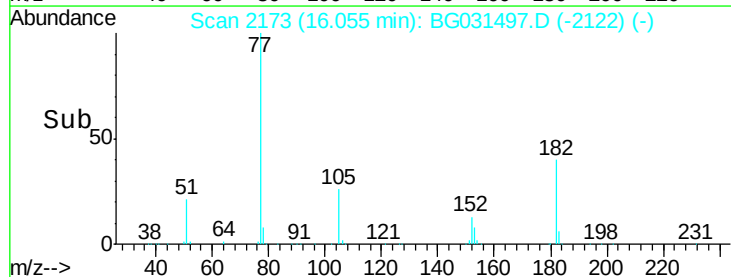
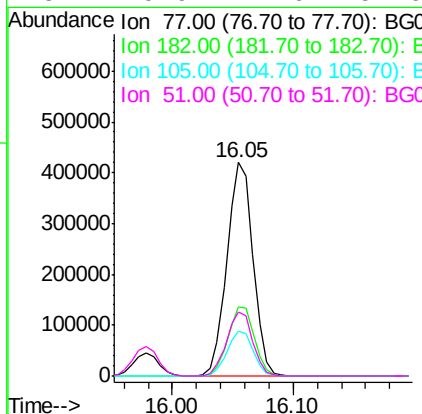
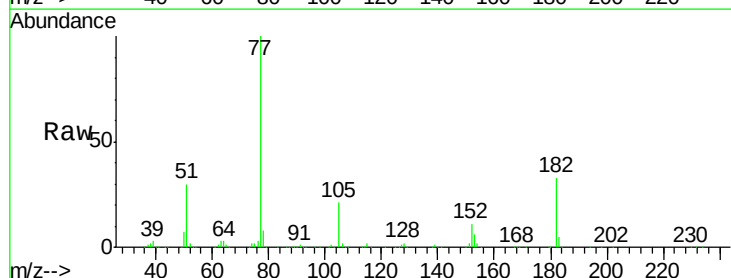
Instrument :
BNA_G
ClientSampleId :
PB104933BS

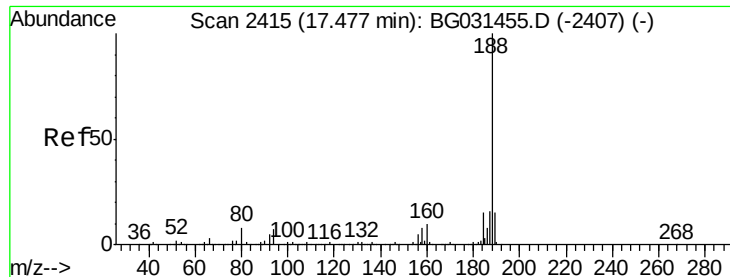
Tot Ion:138 Resp: 175903
Ion Ratio Lower Upper
138 100
92 50.4 40.1 80.1
108 80.5 65.4 105.4



#62
Azobenzene
Concen: 50.760 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion: 77 Resp: 629792
Ion Ratio Lower Upper
77 100
182 32.6 7.4 47.4
105 21.0 0.3 40.3
51 29.9 11.6 51.6

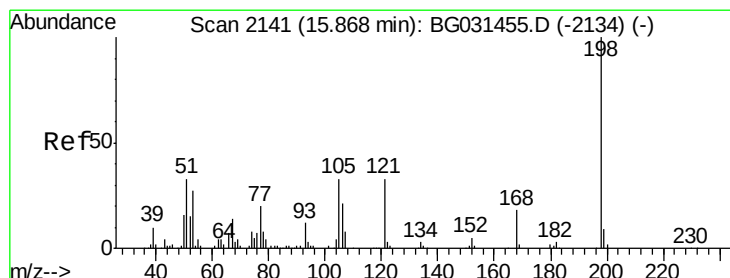
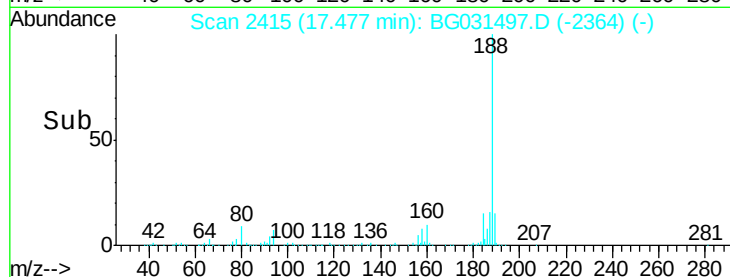
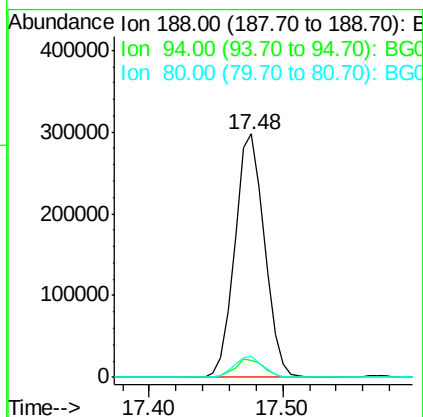
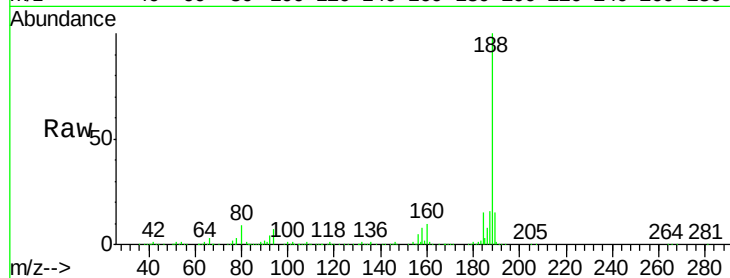




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

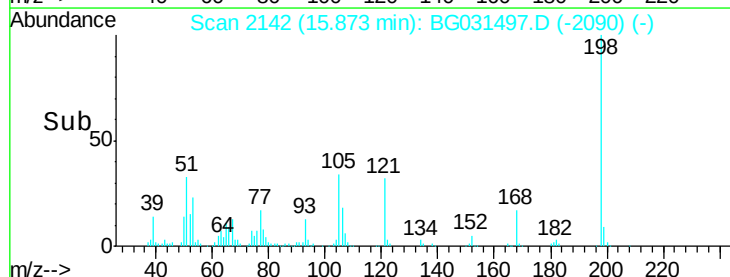
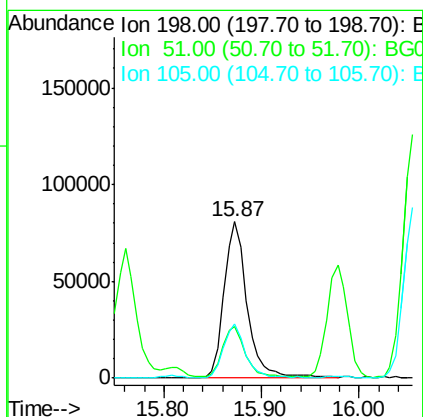
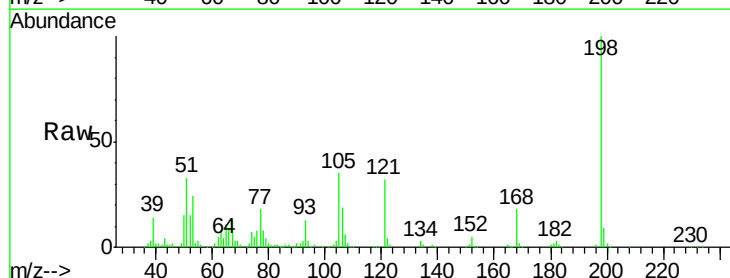
Instrument :
BNA_G
ClientSampleId :
PB104933BS

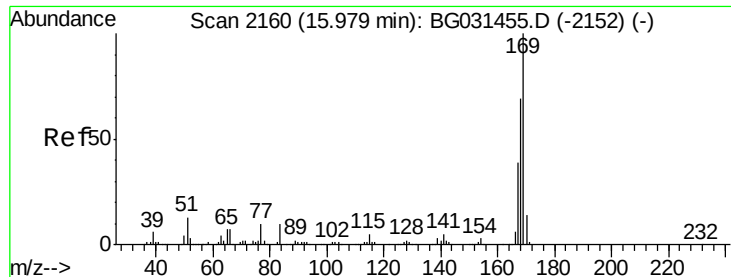
Tot Ion:188 Resp: 458979
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 47.894 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:198 Resp: 133021
Ion Ratio Lower Upper
198 100
51 33.2 30.6 70.6
105 34.6 23.8 63.8

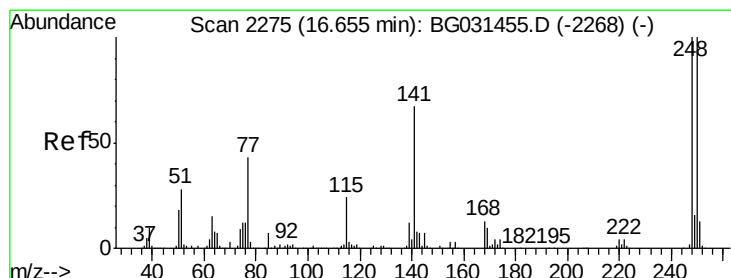
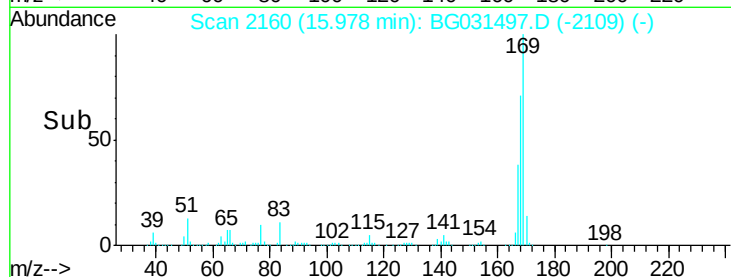
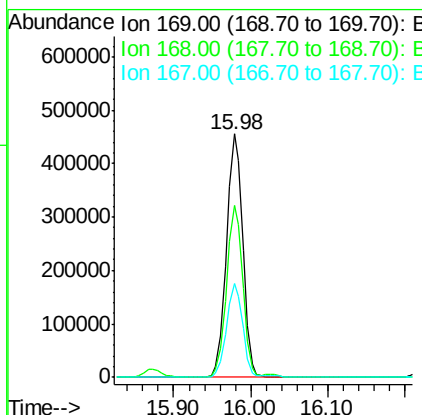
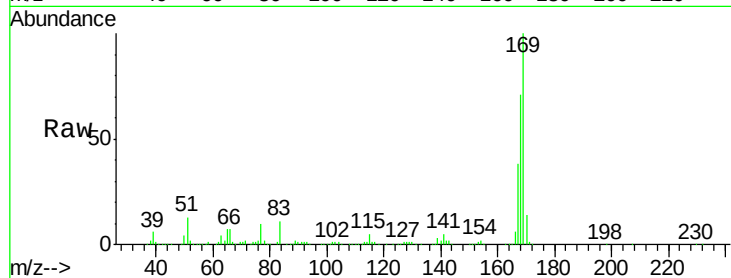




#65
 n-Nitrosodiphenylamine
 Concen: 49.972 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

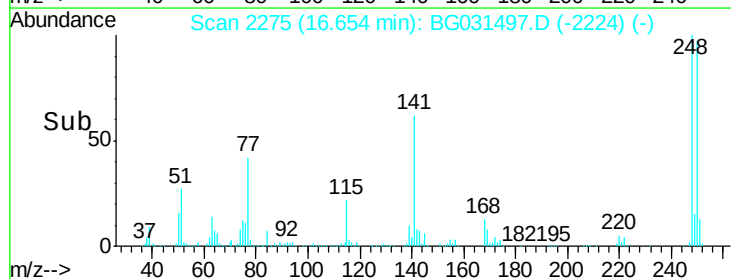
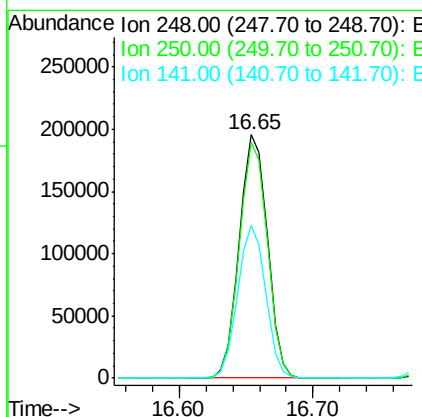
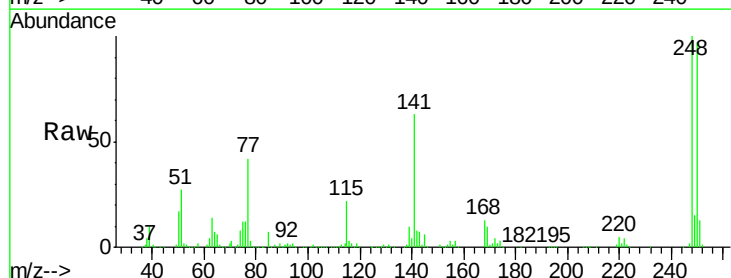
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

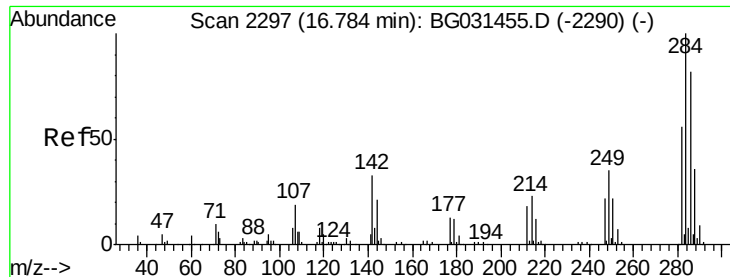
Tot Ion:169 Resp: 671342
 Ion Ratio Lower Upper
 169 100
 168 70.6 55.7 83.5
 167 38.5 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 53.343 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:248 Resp: 284701
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.1 115.7
 141 62.9 50.8 76.2





#67

Hexachlorobenzene

Concen: 51.932 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

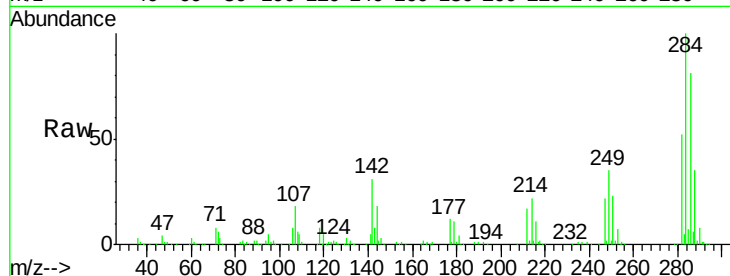
Tot Ion:284 Resp: 286208

Ion Ratio Lower Upper

284 100

142 31.0 26.8 40.2

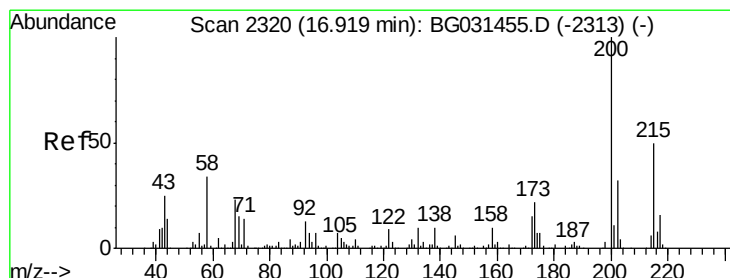
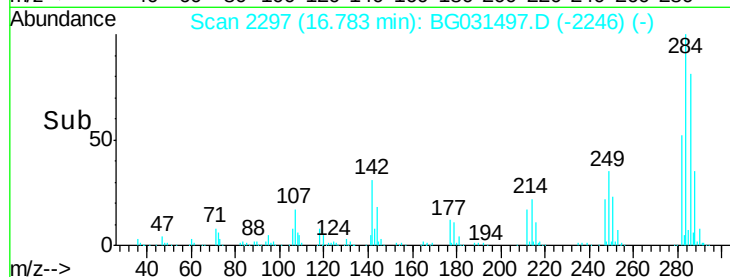
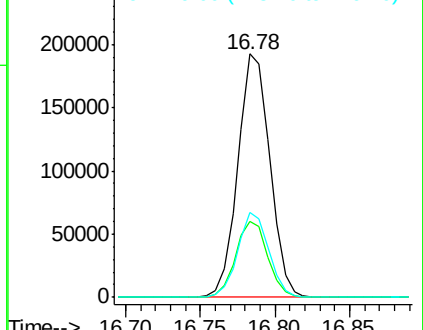
249 34.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 60.049 ng

RT: 16.92 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

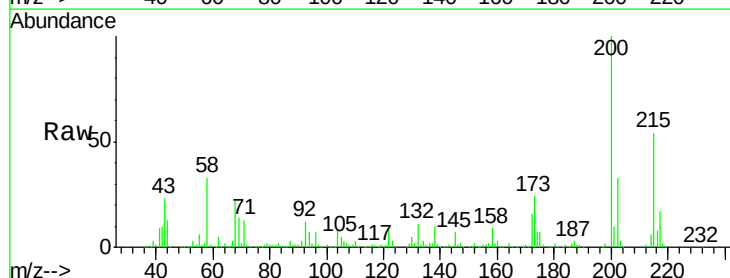
Tgt Ion:200 Resp: 294977

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

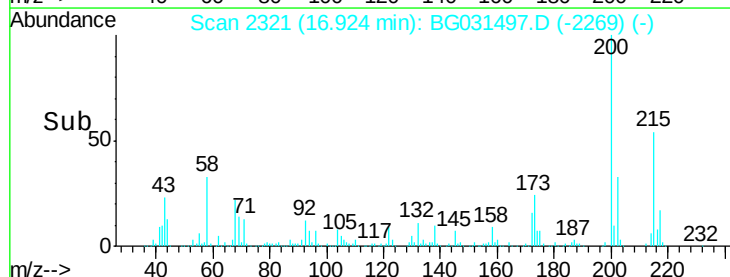
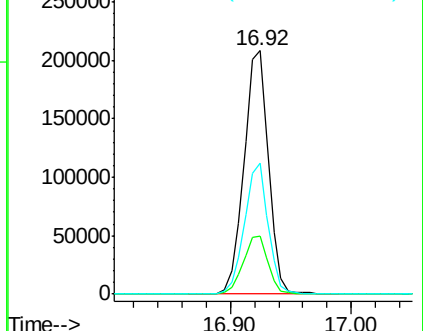
215 53.7 30.4 70.4

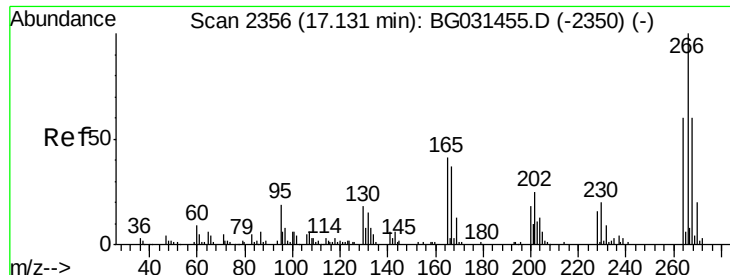


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.847 ng

RT: 17.14 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

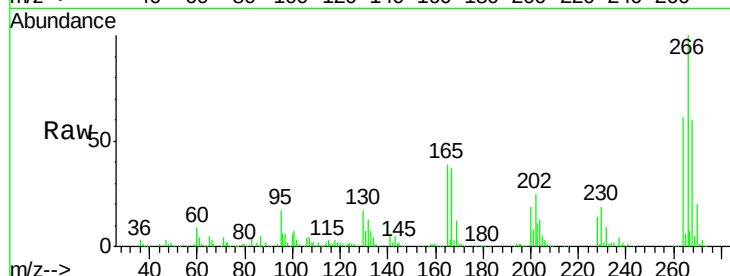
Tot Ion:266 Resp: 257113

Ion Ratio Lower Upper

266 100

268 59.7 51.1 76.7

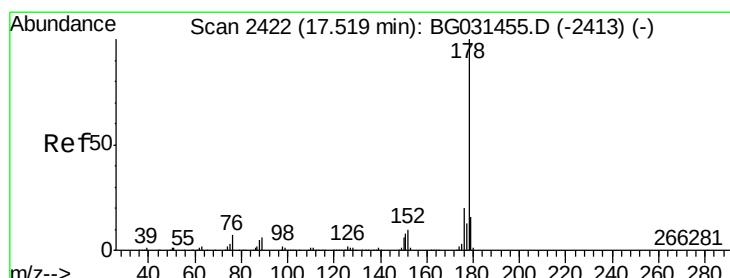
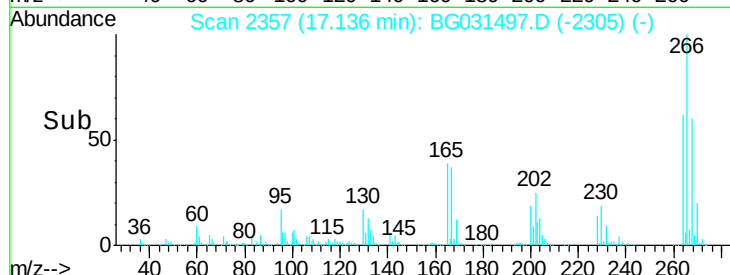
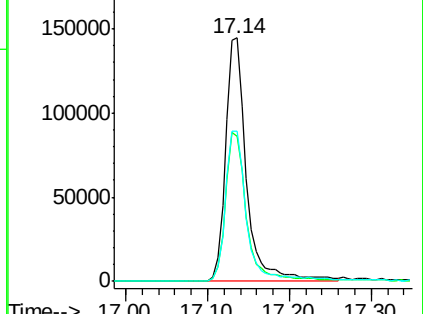
264 61.5 49.6 74.4



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: 50.534 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

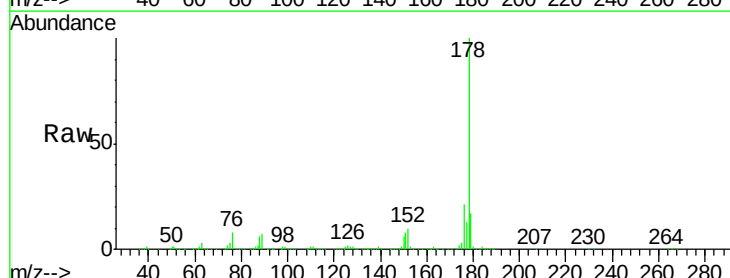
Tgt Ion:178 Resp: 1211342

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

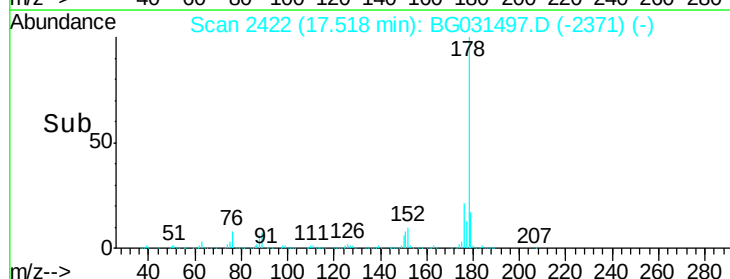
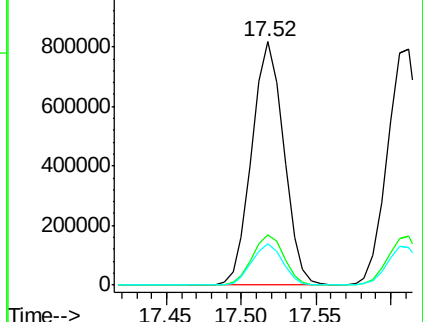
179 16.9 12.5 18.7

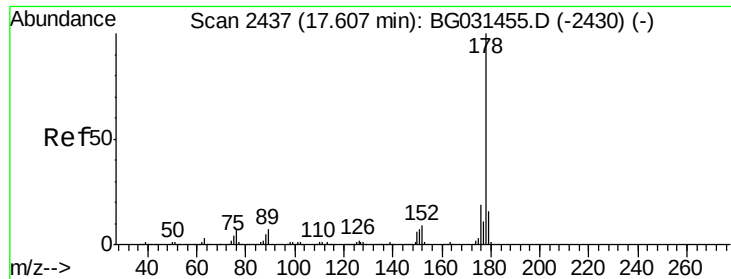


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

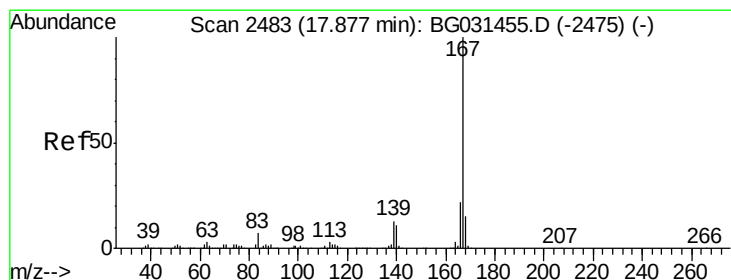
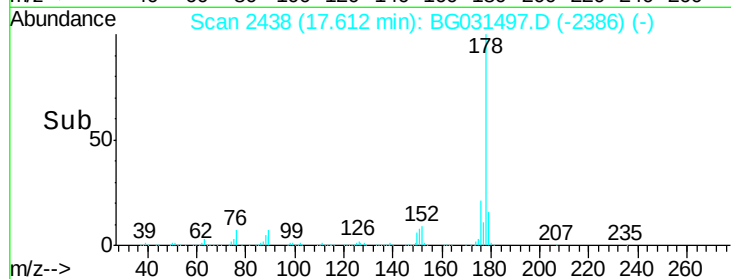
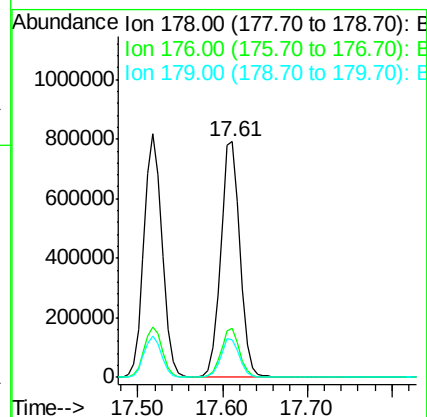
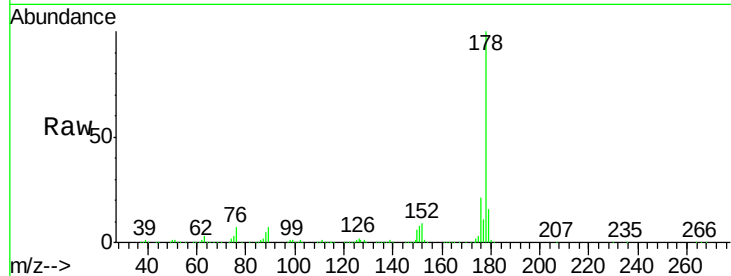




#71
 Anthracene
 Concen: 53.304 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

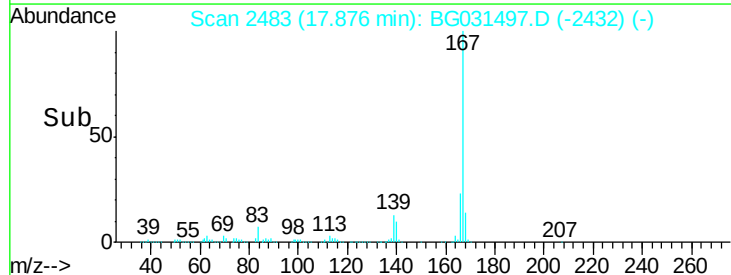
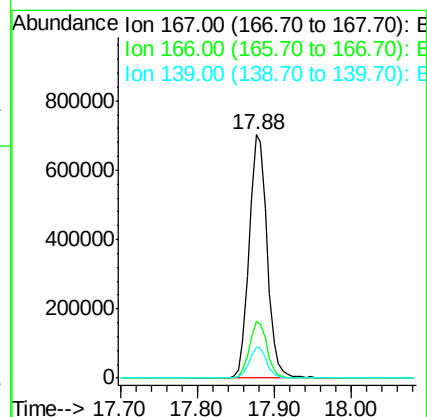
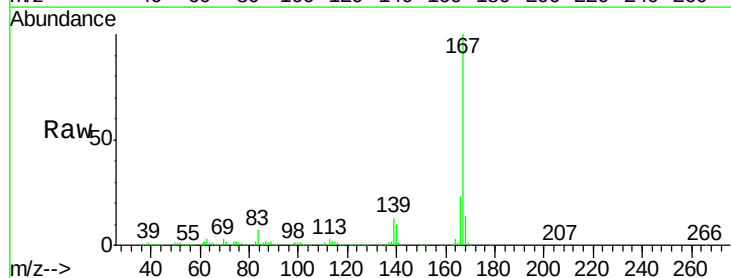
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

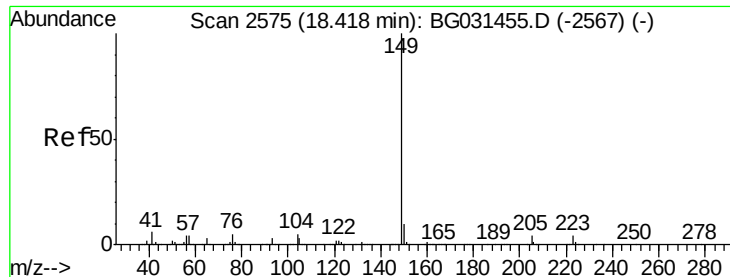
Tot Ion:178 Resp: 1263684
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 53.668 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:167 Resp: 1151385
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 12.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 53.757 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

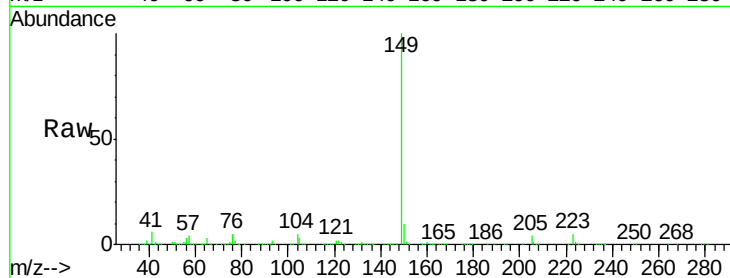
Tot Ion:149 Resp: 1331853

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

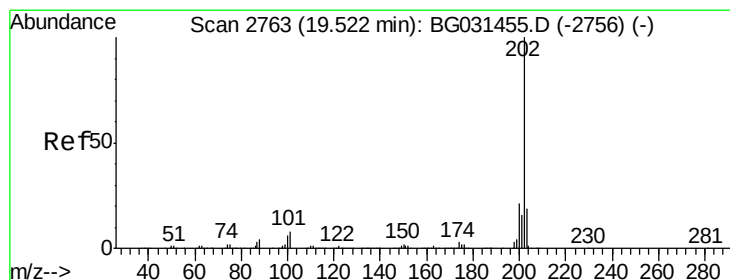
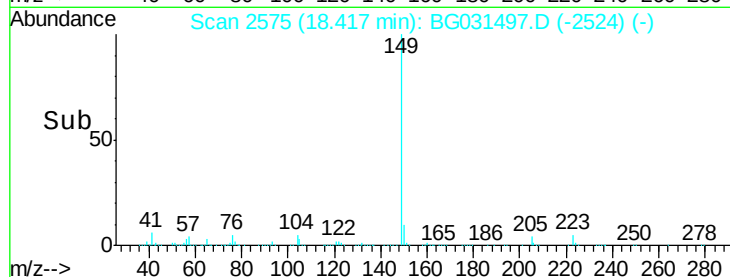
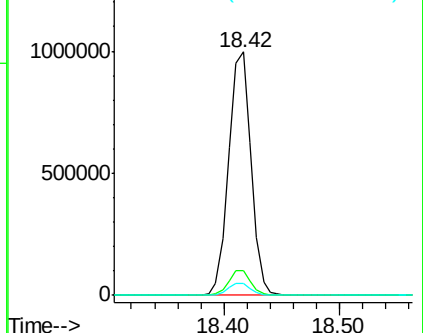
104 5.0 3.9 5.9



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: 52.119 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

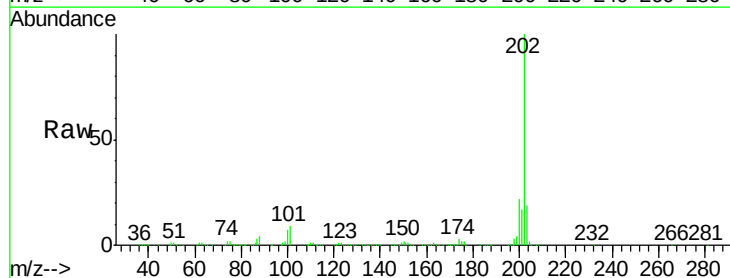
Tgt Ion:202 Resp: 1563494

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

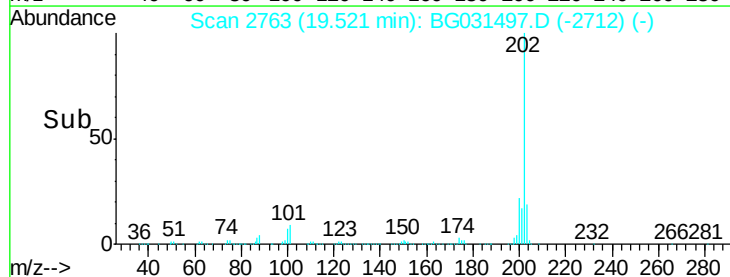
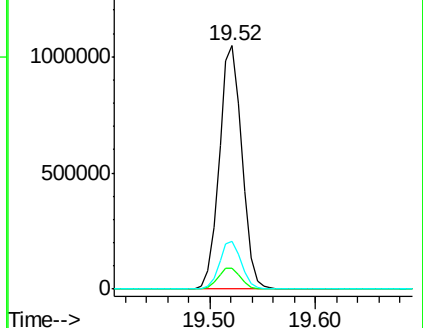
203 19.5 0.0 37.5

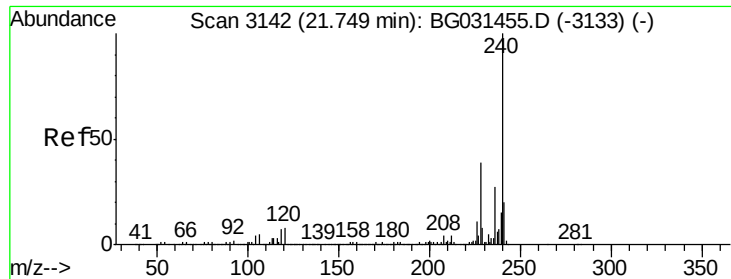


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

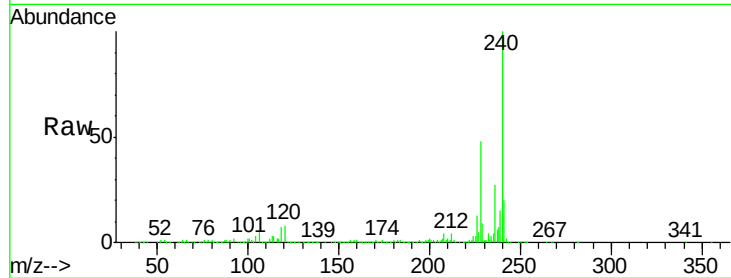
Tot Ion:240 Resp: 506419

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

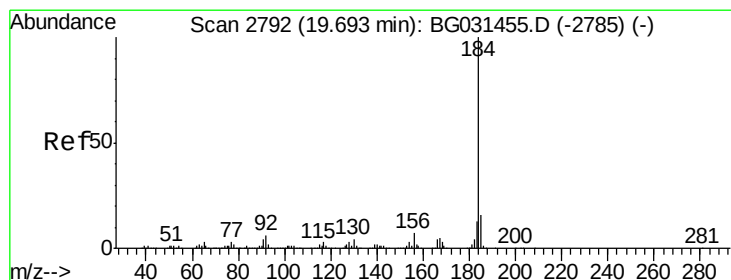
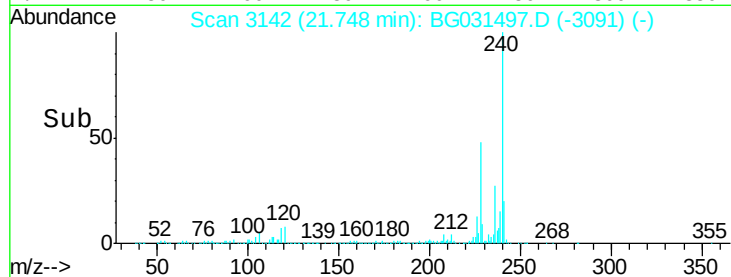
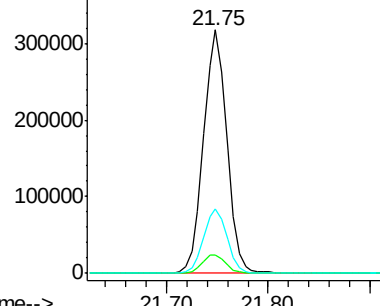
236 26.6 20.9 31.3



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: 45.339 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

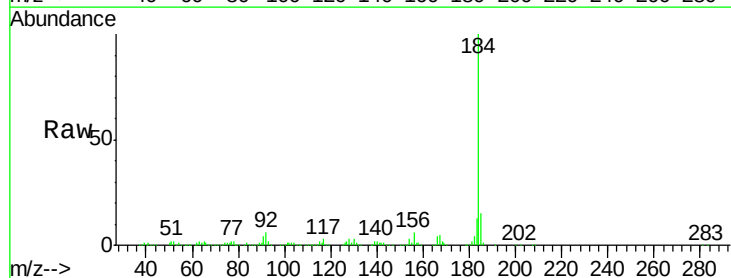
Tgt Ion:184 Resp: 534336

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

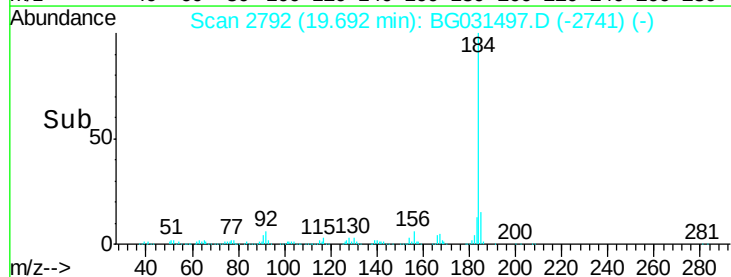
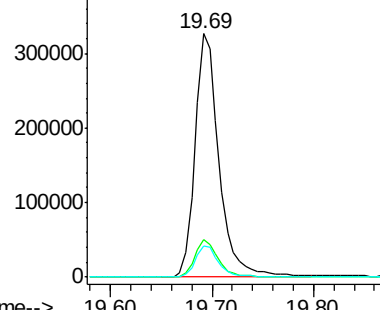
183 12.8 10.6 16.0

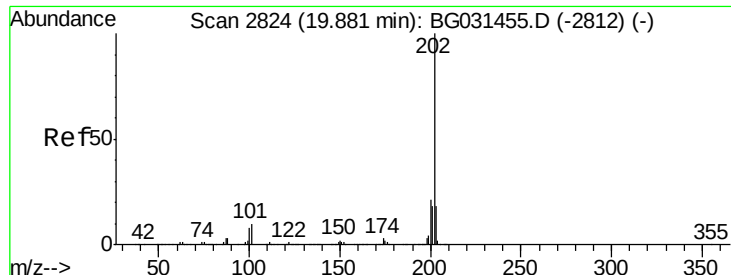


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

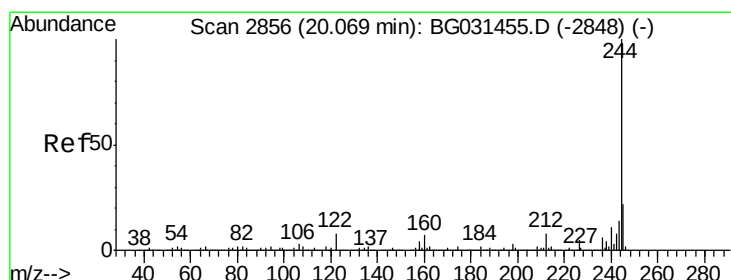
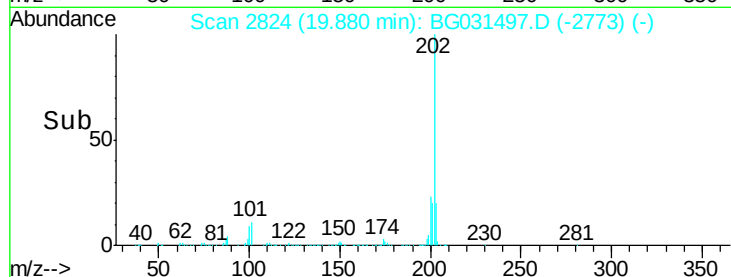
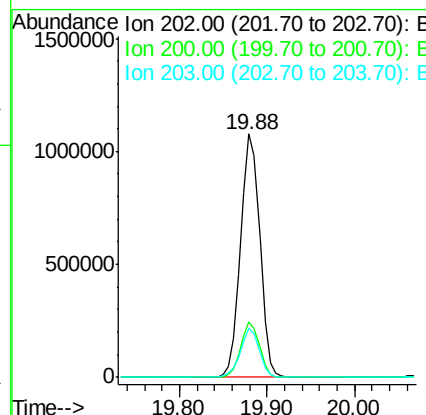
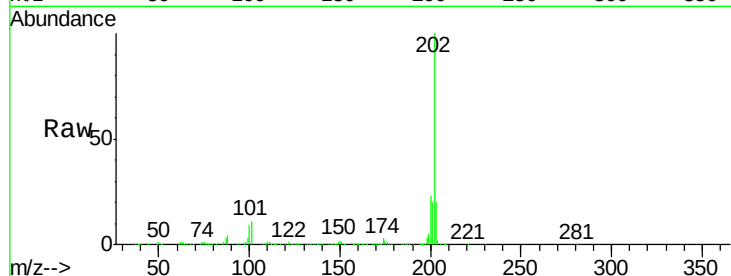




#77
Pvrene
Concen: 50.884 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

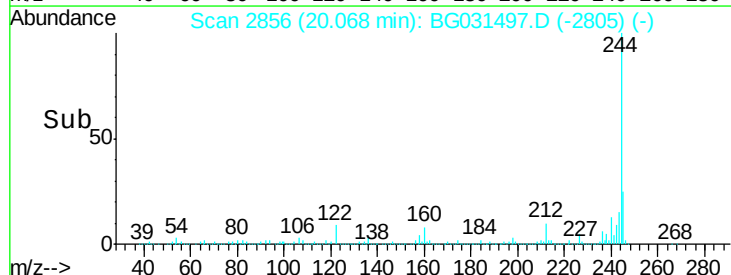
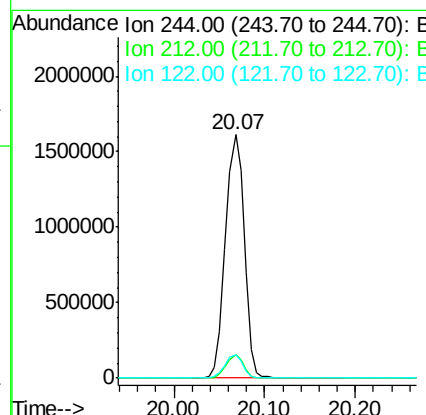
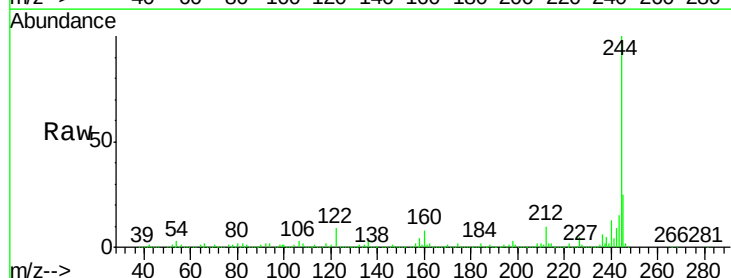
Instrument :
BNA_G
ClientSampleId :
PB104933BS

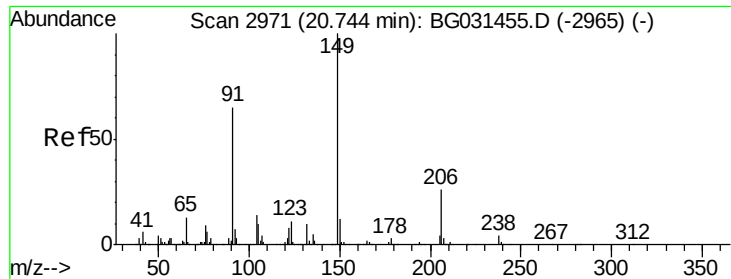
Tot Ion:202 Resp: 1601162
Ion Ratio Lower Upper
202 100
200 23.0 16.9 25.3
203 20.0 13.9 20.9



#78
Terphenyl-d14
Concen: 104.076 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:244 Resp: 2316587
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 9.4 7.0 10.4

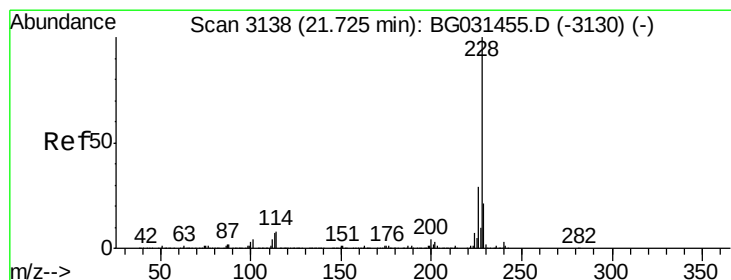
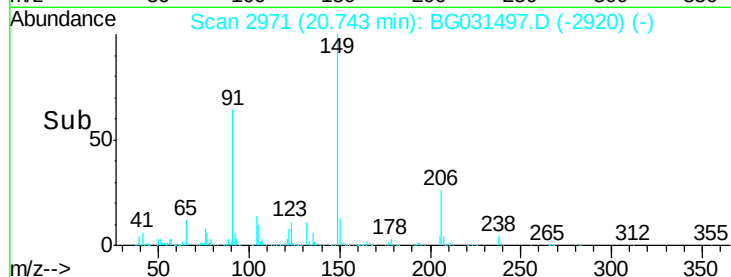
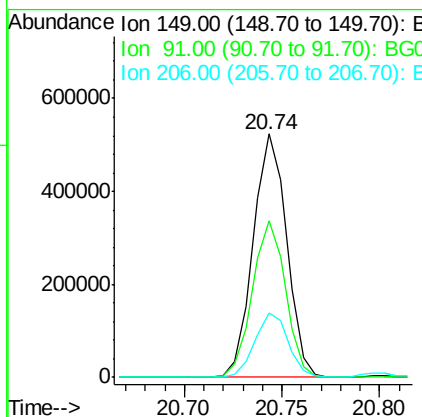
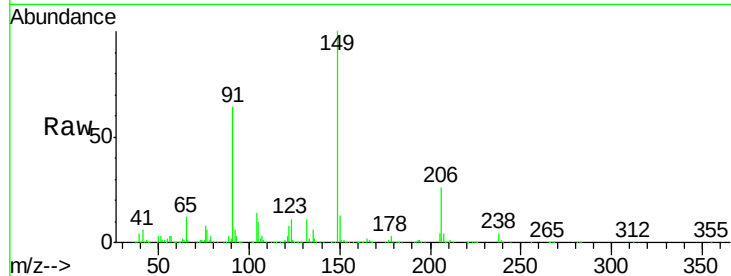




#79
 Butylbenzylphthalate
 Concen: 56.412 ng
 RT: 20.74 min Scan# 2971
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

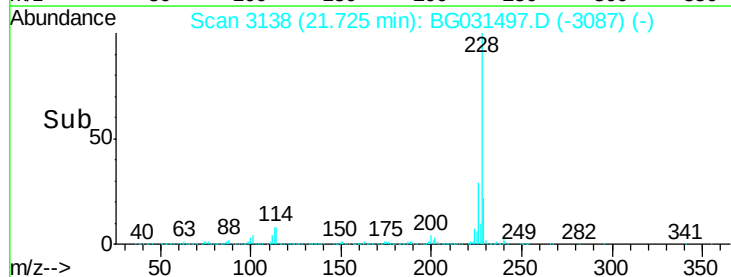
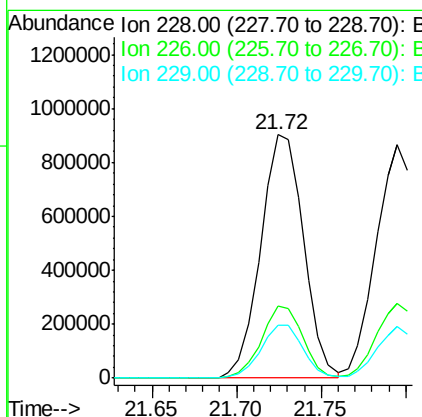
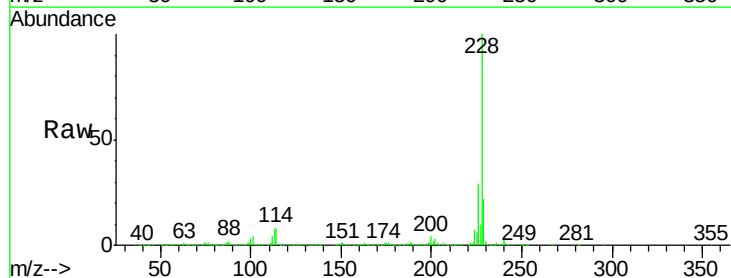
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

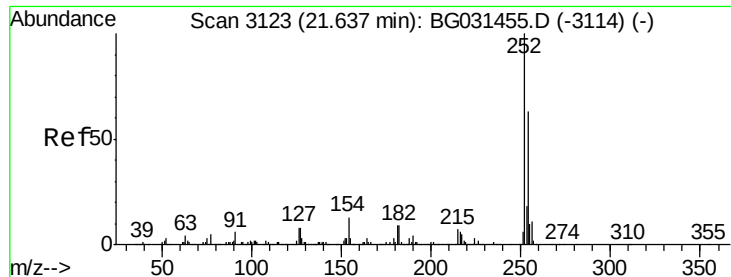
Tot Ion:149 Resp: 622727
 Ion Ratio Lower Upper
 149 100
 91 64.1 62.2 93.2
 206 26.3 18.6 27.8



#80
 Benzo(a)anthracene
 Concen: 51.770 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:228 Resp: 1582454
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.7 34.1
 229 21.8 16.2 24.2

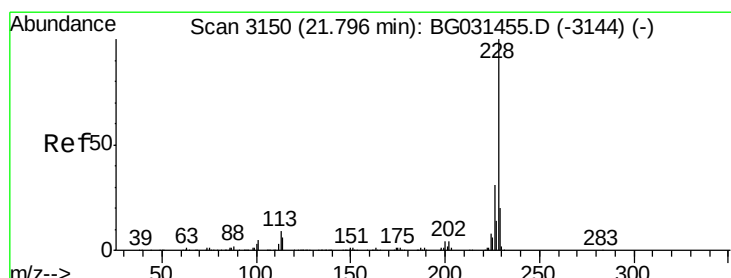
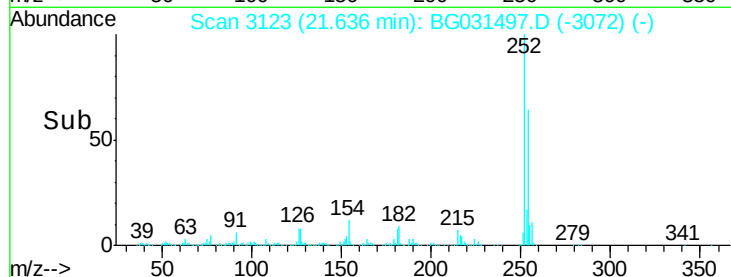
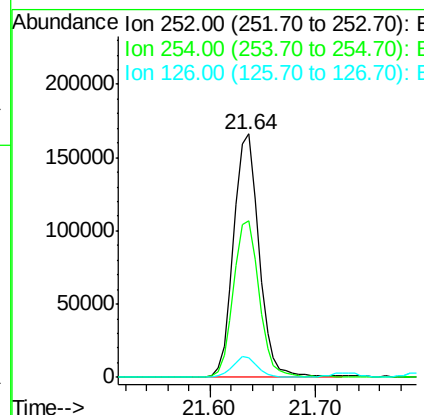
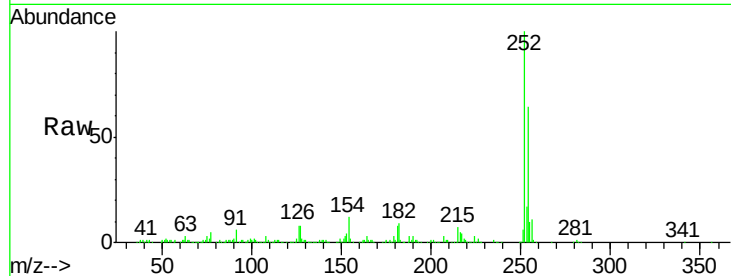




#81
 3,3'-Dichlorobenzidine
 Concen: 26.137 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

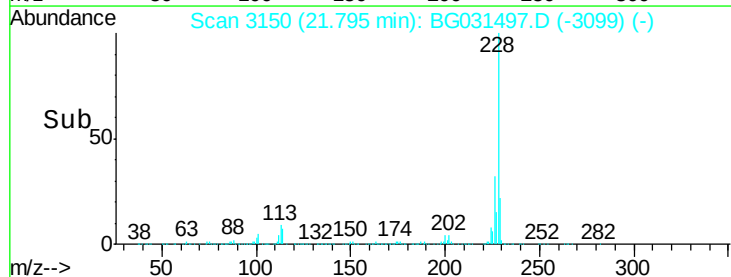
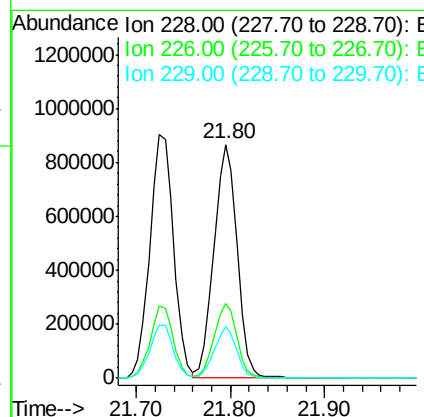
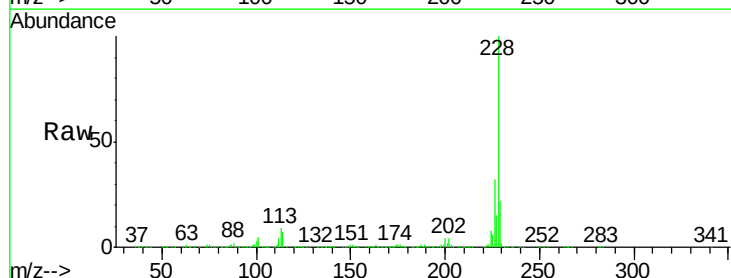
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

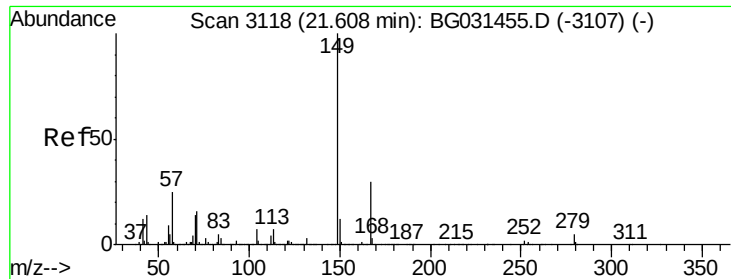
Tot Ion:252 Resp: 278051
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.8 76.2
 126 7.9 7.4 11.2



#82
 Chrysene
 Concen: 51.235 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:228 Resp: 1501360
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 21.9 15.0 22.4

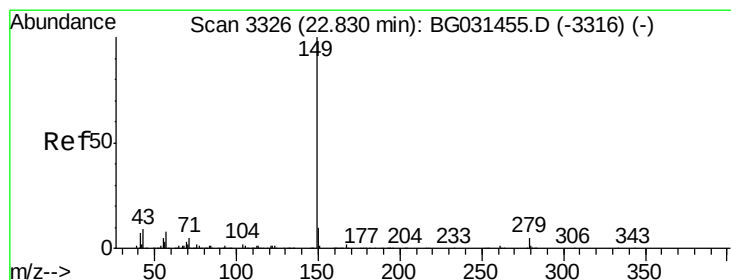
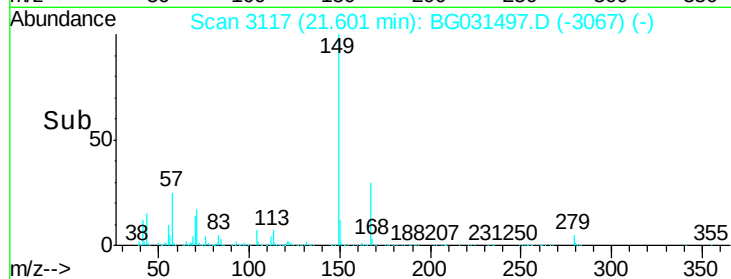
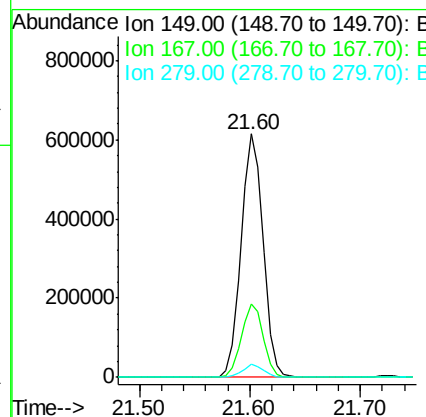
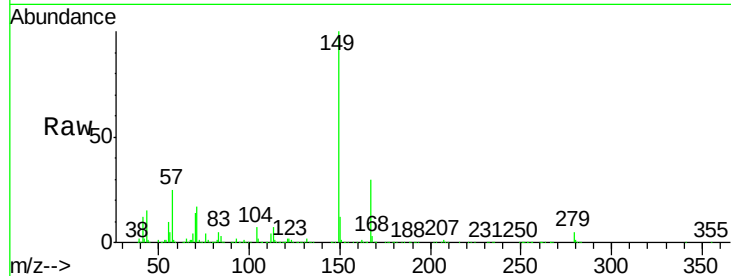




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.385 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

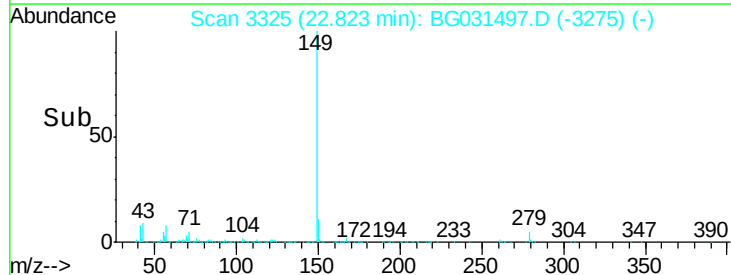
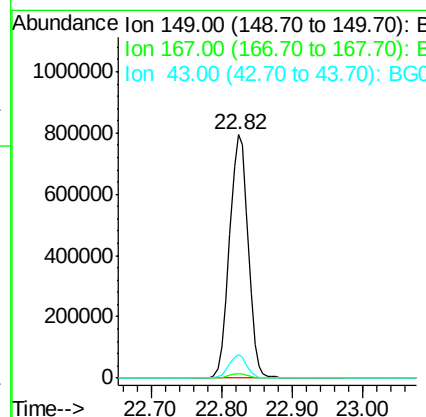
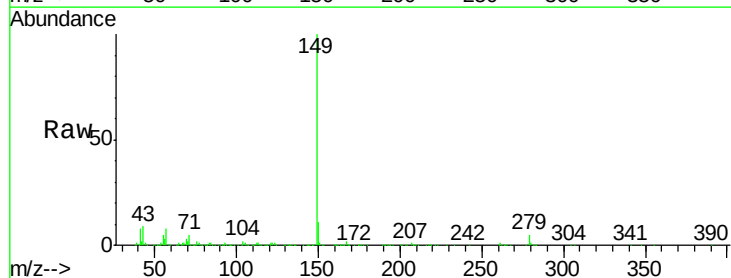
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

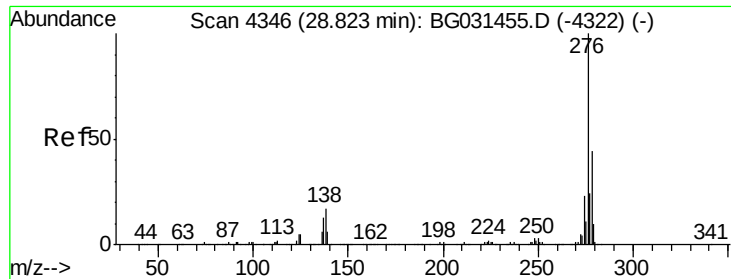
Tot Ion:149 Resp: 863724
 Ion Ratio Lower Upper
 149 100
 167 30.3 24.3 36.5
 279 5.4 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 55.483 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:149 Resp: 1453501
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 9.1 8.9 13.3

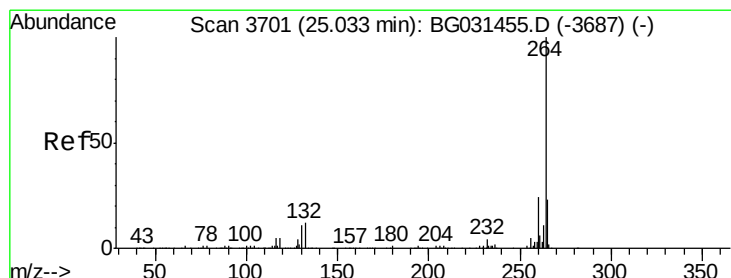
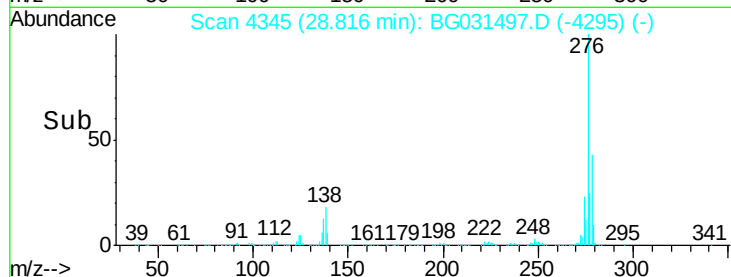
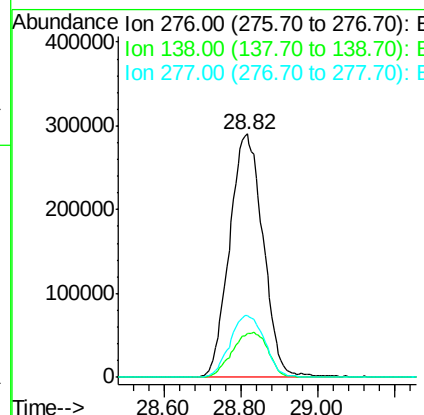
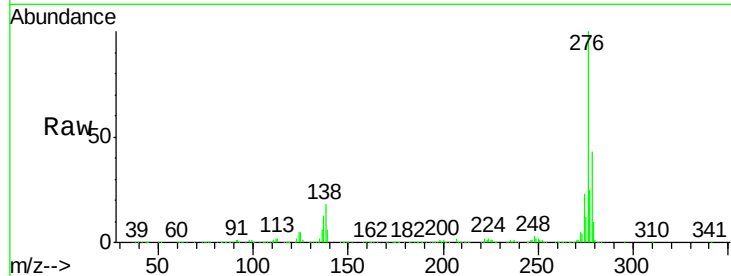




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.337 ng
 RT: 28.82 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

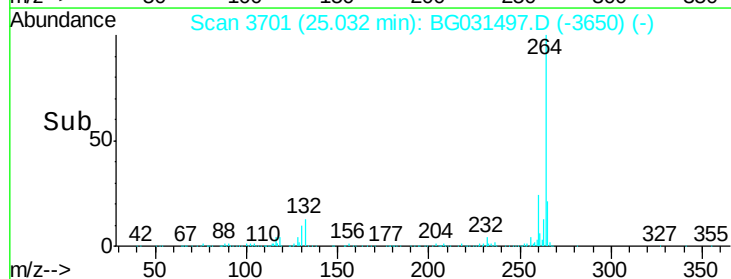
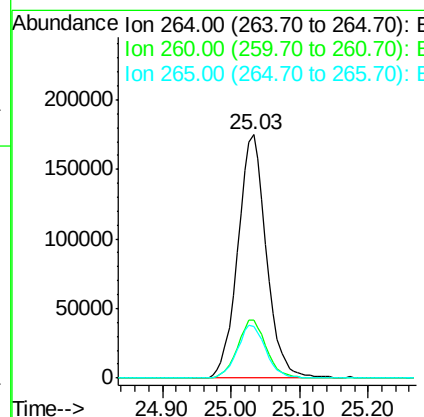
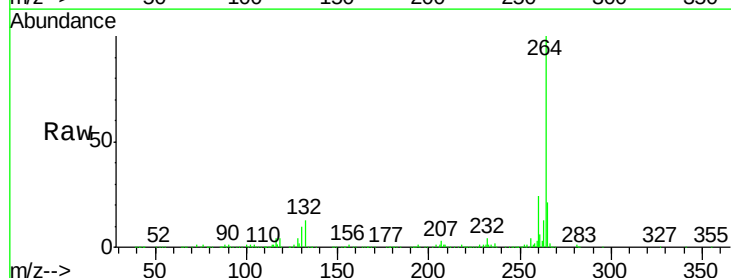
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BS

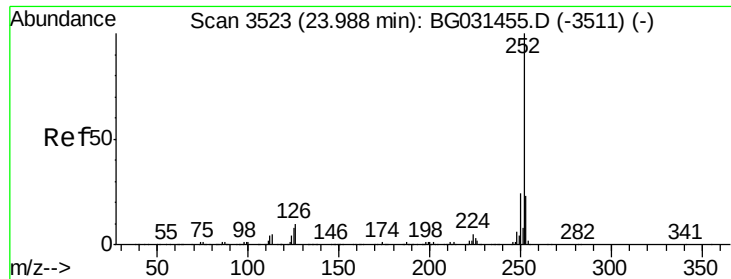
Tot Ion:276 Resp: 1764274
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 26.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BG031497.D
 Acq: 12 Dec 2017 18:17

Tgt Ion:264 Resp: 502460
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 20.9 17.7 26.5

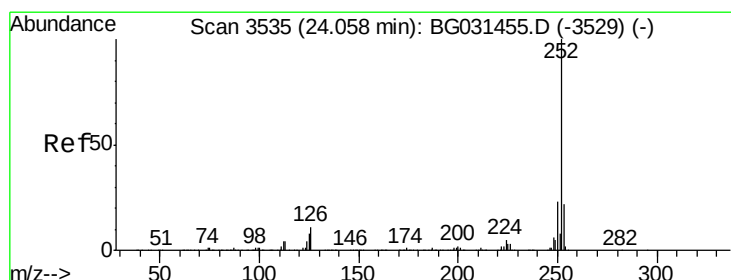
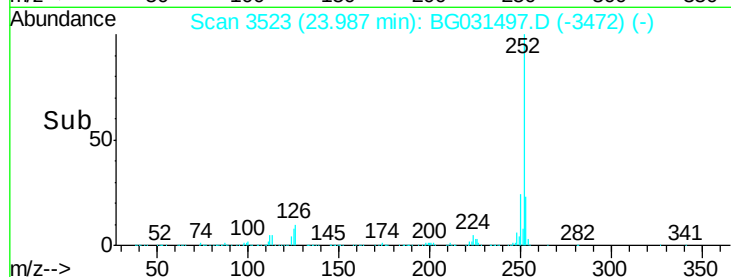
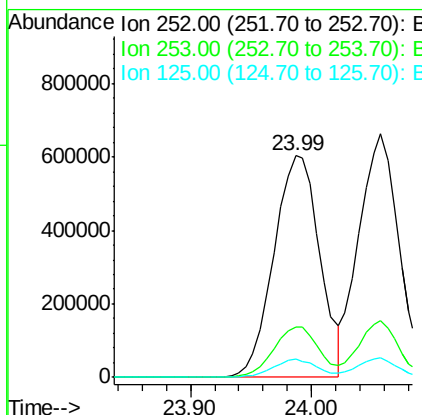
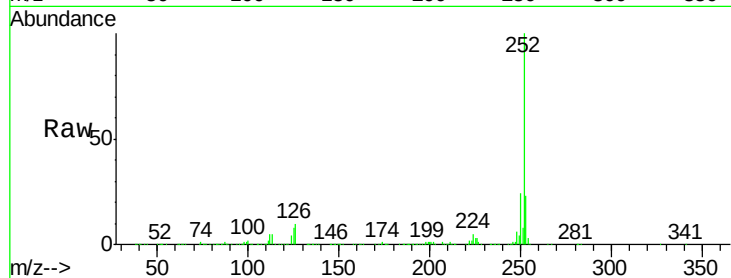




#87
Benzo(b)fluoranthene
Concen: 52.760 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

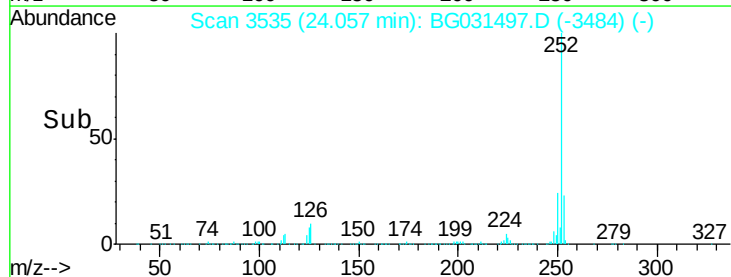
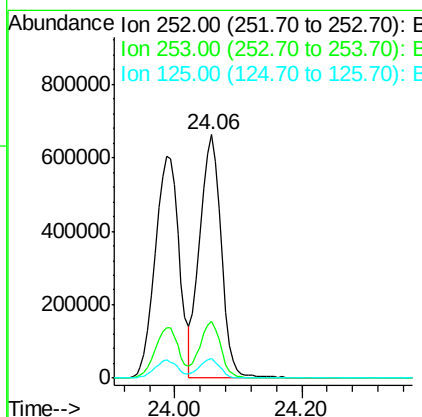
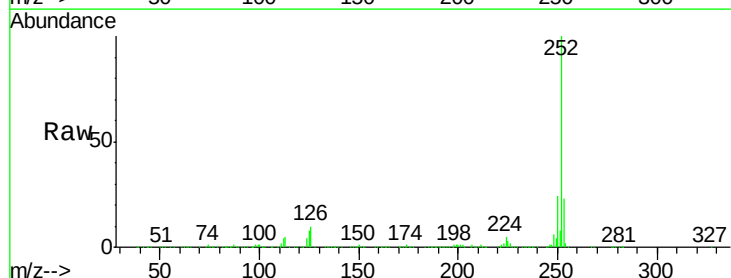
Instrument :
BNA_G
ClientSampleId :
PB104933BS

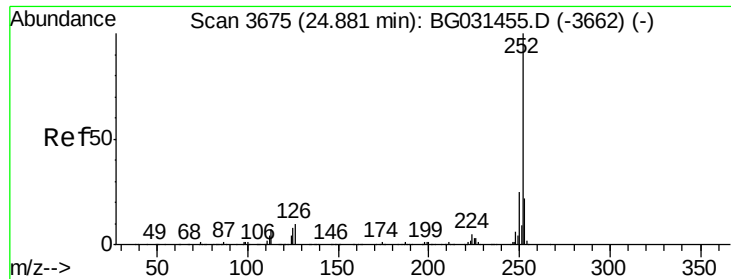
Tot Ion:252 Resp: 1584908
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 8.2 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 50.231 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG031497.D
Acq: 12 Dec 2017 18:17

Tgt Ion:252 Resp: 1539882
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 8.0 6.6 9.8





#89

Benzo(a)pyrene

Concen: 54.364 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

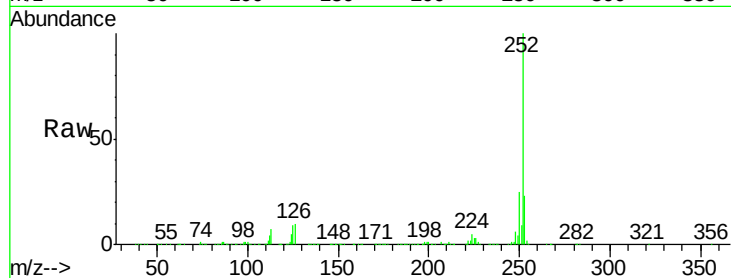
Tot Ion:252 Resp: 1549172

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

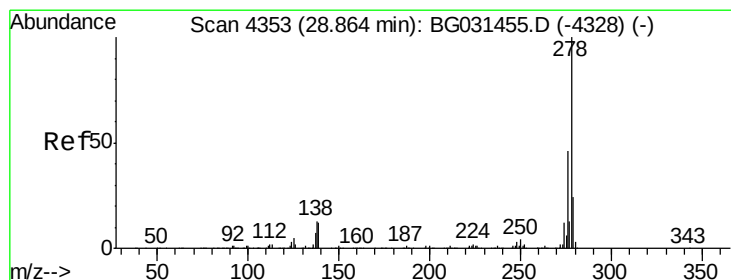
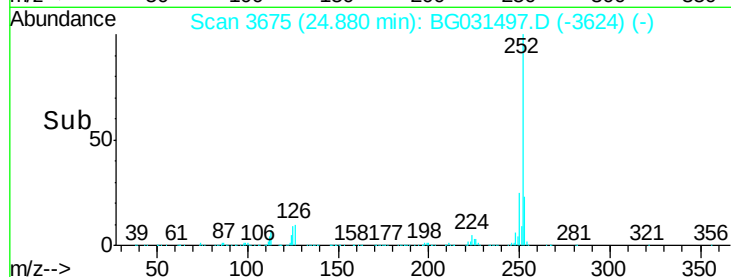
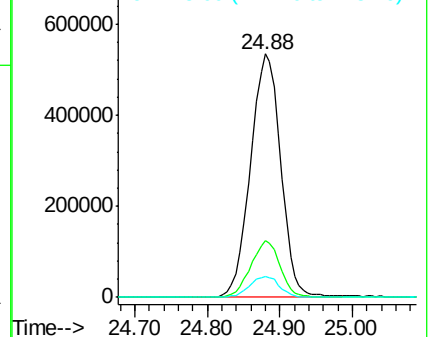
125 8.5 7.3 10.9



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: 53.627 ng

RT: 28.86 min Scan# 4352

Delta R.T. -0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

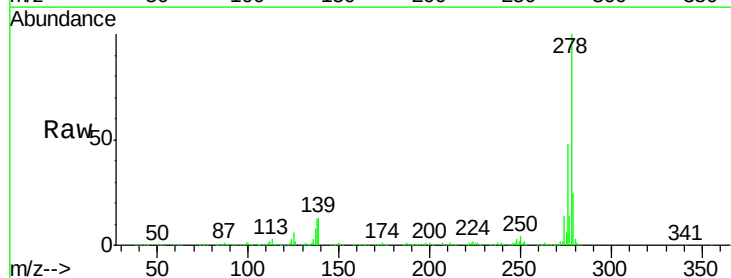
Tgt Ion:278 Resp: 1461346

Ion Ratio Lower Upper

278 100

139 12.5 9.8 14.6

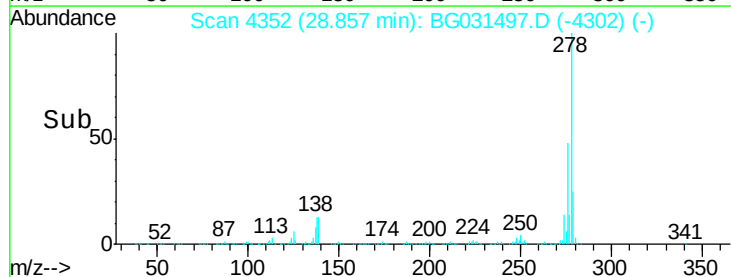
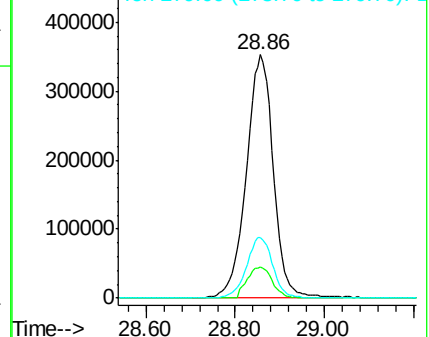
279 25.1 18.4 27.6

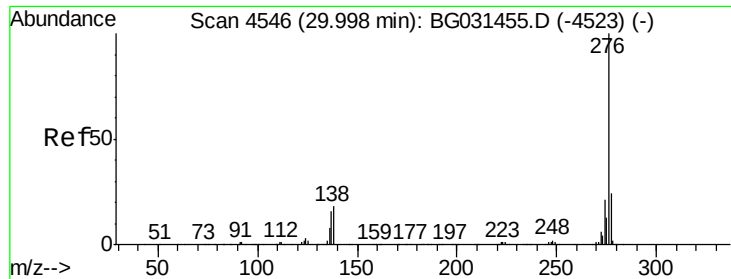


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 54.890 ng

RT: 29.99 min Scan# 4544

Delta R.T. -0.01 min

Lab File: BG031497.D

Acq: 12 Dec 2017 18:17

Instrument :

BNA_G

ClientSampleId :

PB104933BS

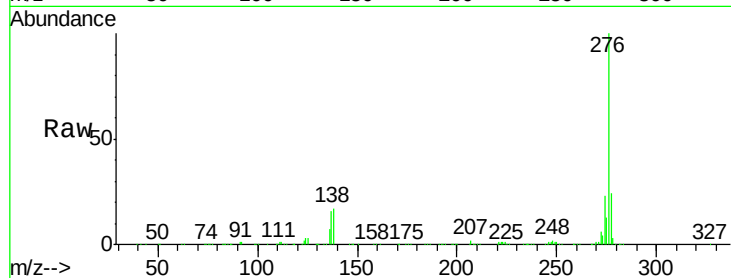
Tot Ion:276 Resp: 1470547

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 16.6 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

