

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019947.D
 Acq On : 5 Dec 2015 18:17
 Operator : UM/NP
 Sample : PB87054BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Quant Time: Dec 07 01:14:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50351	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	220507	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	162099	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	416371	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	509987	20.00	ng	-0.03
86) Perylene-d12	25.04	264	490242	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	205782	73.87	ng	-0.01
7) Phenol-d6	7.26	99	298781	71.03	ng	-0.01
23) Nitrobenzene-d5	9.28	82	191884	44.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	154221	62.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	461040	38.83	ng	-0.02
78) Terphenyl-d14	20.09	244	856077	40.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	21546	19.85	ng	# 100
3) Pyridine	3.92	79	67746	20.55	ng	90
4) n-Nitrosodimethylamine	3.84	42	33808	19.50	ng	89
6) Aniline	7.43	93	65400	12.01	ng	# 88
8) 2-Chlorophenol	7.67	128	78090	22.99	ng	94
9) Benzaldehyde	7.24	77	26609	9.49	ng	92
10) Phenol	7.29	94	106184	23.99	ng	82
11) bis(2-Chloroethyl)ether	7.53	93	70721	21.57	ng	91
12) 1,3-Dichlorobenzene	8.00	146	78874	20.48	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	79777	20.06	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	78646	20.73	ng	# 90
15) Benzyl Alcohol	8.35	79	81705	22.14	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	108533	20.30	ng	93
17) 2-Methylphenol	8.55	107	73622	23.56	ng	# 90
18) Hexachloroethane	9.21	117	30589	20.54	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	65937	19.88	ng	91
20) 3+4-Methylphenols	8.88	107	101668	23.10	ng	95
22) Acetophenone	8.94	105	118250	19.56	ng	# 91
24) Nitrobenzene	9.32	77	99776	21.29	ng	# 88
25) Isophorone	9.85	82	178459	19.27	ng	97
26) 2-Nitrophenol	10.04	139	43040	23.78	ng	# 76
27) 2,4-Dimethylphenol	10.09	122	86132	22.85	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	102402	22.62	ng	98
29) 2,4-Dichlorophenol	10.58	162	90534	23.51	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	87058	20.00	ng	95
31) Naphthalene	10.99	128	244356	20.69	ng	100
32) Benzoic acid	10.21	122	59438	26.47	ng	89
33) 4-Chloroaniline	11.09	127	40202	7.72	ng	# 92
34) Hexachlorobutadiene	11.27	225	59291	18.47	ng	96
35) Caprolactam	11.86	113	21323	14.88	ng	88
36) 4-Chloro-3-methylphenol	12.19	107	105717	22.04	ng	95
37) 2-Methylnaphthalene	12.58	142	186374	21.53	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	115570	18.79	ng	98
40) Hexachlorocyclopentadiene	12.93	237	128735	36.70	ng	97

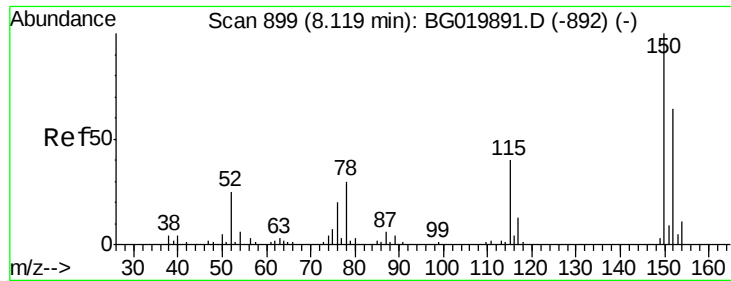
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	83045	20.39	ng	96
43) 2,4,5-Trichlorophenol	13.25	196	94545	21.96	ng	95
45) 1,1'-Biphenyl	13.58	154	250298	18.82	ng	99
46) 2-Chloronaphthalene	13.62	162	203126	19.81	ng	96
47) 2-Nitroaniline	13.82	65	77035	23.79	ng	87
48) Acenaphthylene	14.47	152	344398	19.72	ng	98
49) Dimethylphthalate	14.19	163	284786	19.53	ng	98
50) 2,6-Dinitrotoluene	14.31	165	62183	22.68	ng	# 82
51) Acenaphthene	14.81	154	236321	22.30	ng	98
52) 3-Nitroaniline	14.64	138	41587	14.60	ng	99
53) 2,4-Dinitrophenol	14.84	184	63150	47.54	ng	# 83
54) Dibenzofuran	15.14	168	343162	21.77	ng	93
55) 4-Nitrophenol	14.94	139	107381	43.29	ng	# 69
56) 2,4-Dinitrotoluene	15.10	165	91207	23.85	ng	# 94
57) Fluorene	15.79	166	280555	19.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	89602	22.49	ng	97
59) Diethylphthalate	15.55	149	301461	19.10	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	153661	18.96	ng	96
61) 4-Nitroaniline	15.80	138	69756	21.78	ng	# 82
62) Azobenzene	16.07	77	285500	21.74	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	52886	25.84	ng	91
65) n-Nitrosodiphenylamine	15.99	169	258858	21.48	ng	95
66) 4-Bromophenyl-phenylether	16.67	248	102556	19.82	ng	96
67) Hexachlorobenzene	16.79	284	113976	21.15	ng	99
68) Atrazine	16.93	200	109573	20.93	ng	98
69) Pentachlorophenol	17.13	266	143907	45.75	ng	98
70) Phenanthrene	17.53	178	489061	20.76	ng	96
71) Anthracene	17.62	178	504375	21.02	ng	96
72) Carbazole	17.88	167	453233	21.44	ng	99
73) Di-n-butylphthalate	18.44	149	540620	20.87	ng	98
74) Fluoranthene	19.53	202	619809	20.57	ng	95
76) Benzidine	19.71	184	128570	7.67	ng	98
77) Pyrene	19.89	202	644332	21.48	ng	96
79) Butylbenzylphthalate	20.77	149	248449	21.13	ng	98
80) Benzo(a)anthracene	21.74	228	649929	20.82	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	131264	11.04	ng	97
82) Chrysene	21.81	228	586004	19.77	ng	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	360019	20.86	ng	98
84) Di-n-octyl phthalate	22.88	149	618988	22.06	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	717556	21.98	ng	# 100
87) Benzo(b)fluoranthene	24.00	252	633954	20.40	ng	# 97
88) Benzo(k)fluoranthene	24.07	252	606824	19.72	ng	# 97
89) Benzo(a)pyrene	24.88	252	603325	20.45	ng	# 96
90) Dibenzo(a,h)anthracene	28.86	278	593163	20.35	ng	# 93
91) Benzo(g,h,i)perylene	29.96	276	587476	20.53	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

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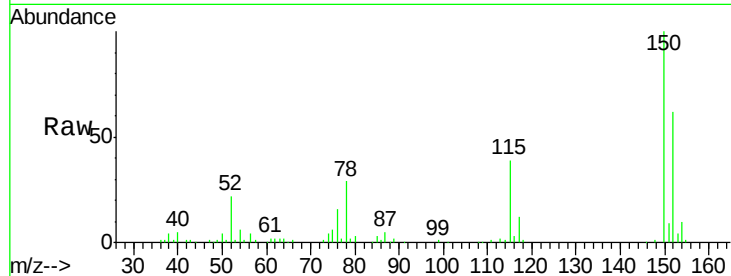
Tgt Ion:152 Resp: 50351

Ion Ratio Lower Upper

152 100

150 162.4 115.0 172.4

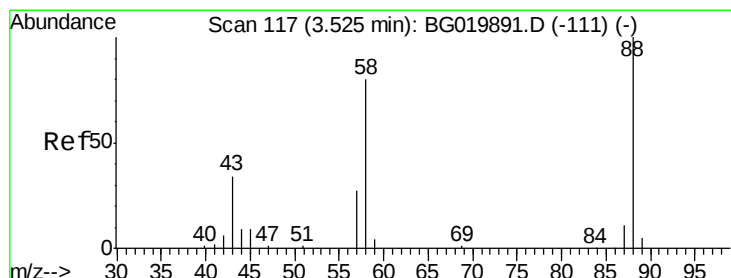
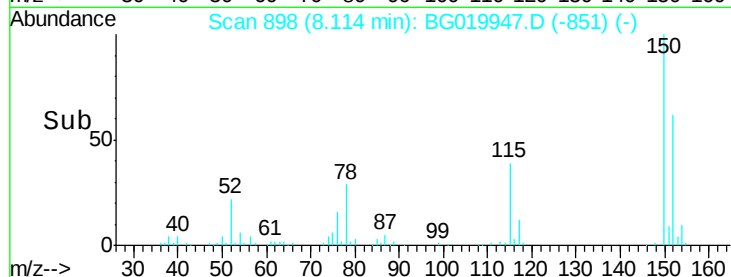
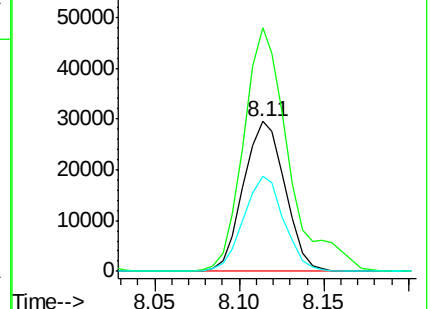
115 63.1 43.9 65.9



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: 19.85 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

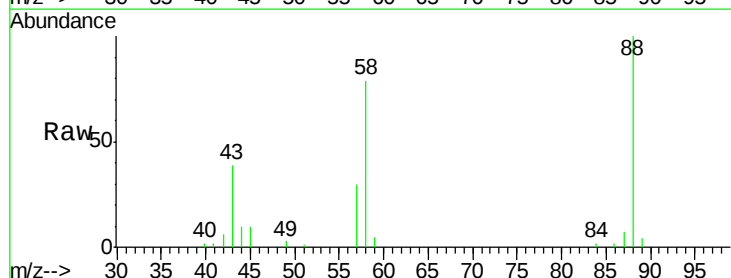
Tgt Ion: 88 Resp: 21546

Ion Ratio Lower Upper

88 100

58 83.9 0.0 0.0#

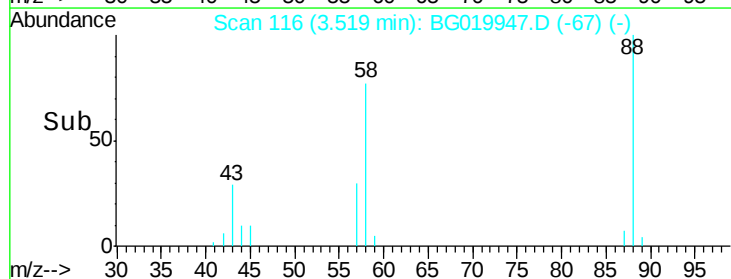
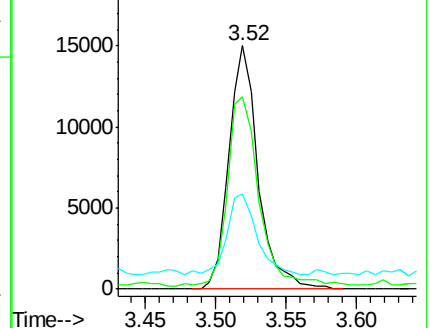
43 34.7 0.0 0.0#

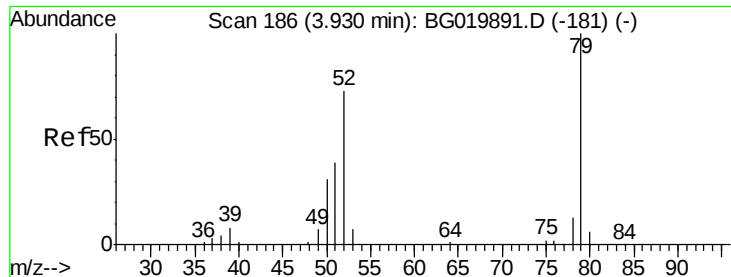


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 20.55 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

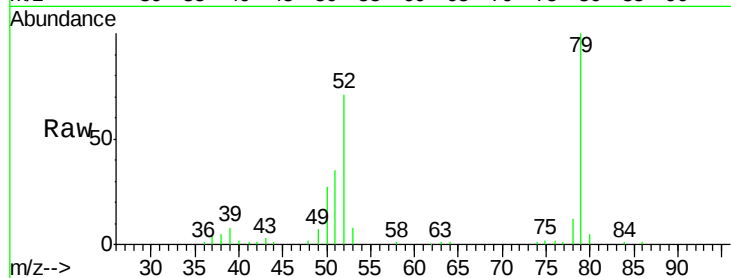
Tgt Ion: 79 Resp: 67746

Ion Ratio Lower Upper

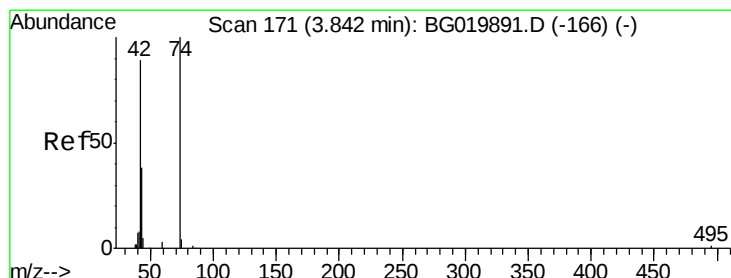
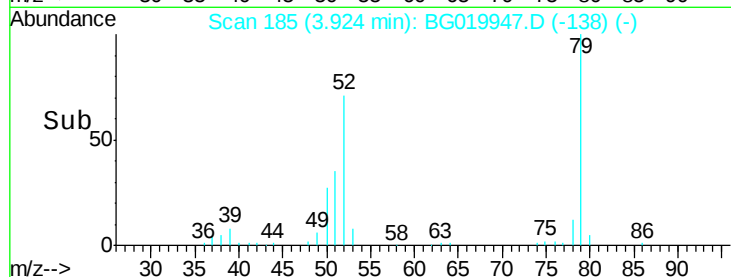
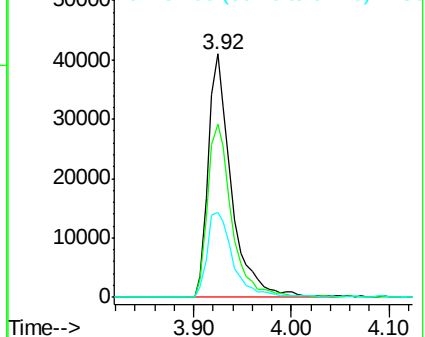
79 100

52 71.2 50.3 75.5

51 35.0 24.8 37.2



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



#4

n-Nitrosodimethylamine

Concen: 19.50 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

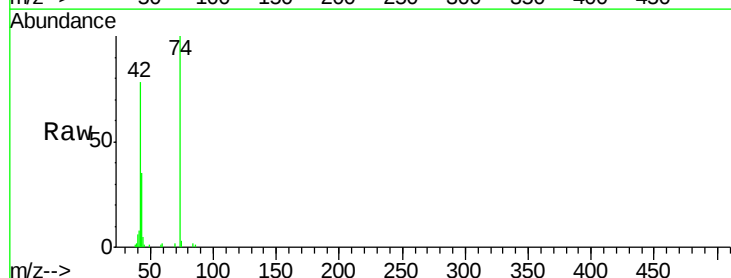
Tgt Ion: 42 Resp: 33808

Ion Ratio Lower Upper

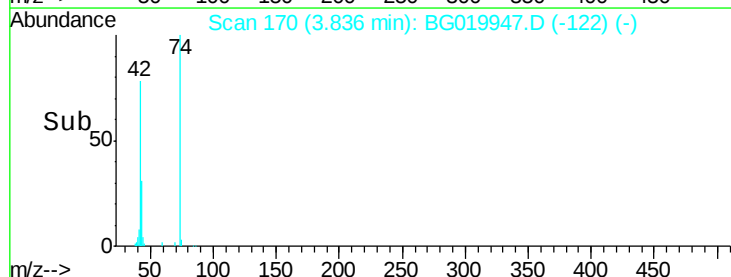
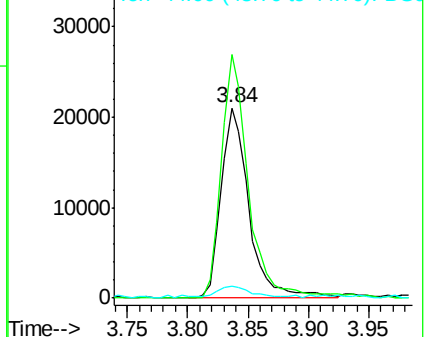
42 100

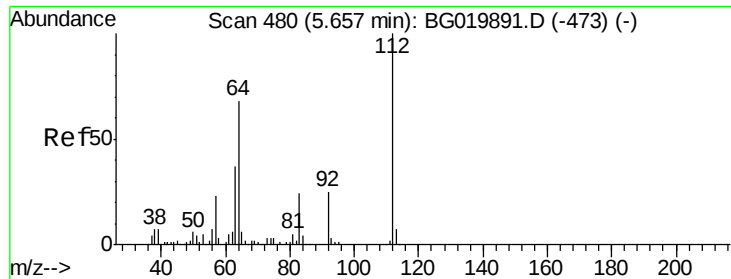
74 128.0 113.9 170.9

44 6.3 5.7 8.5



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





#5

2-Fluorophenol

Concen: 73.87 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

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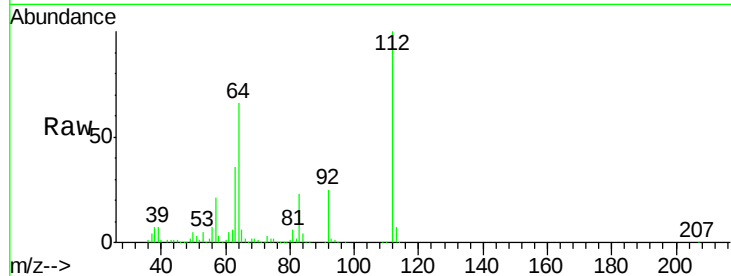
Tgt Ion: 112 Resp: 205782

Ion Ratio Lower Upper

112 100

64 66.5 43.7 65.5#

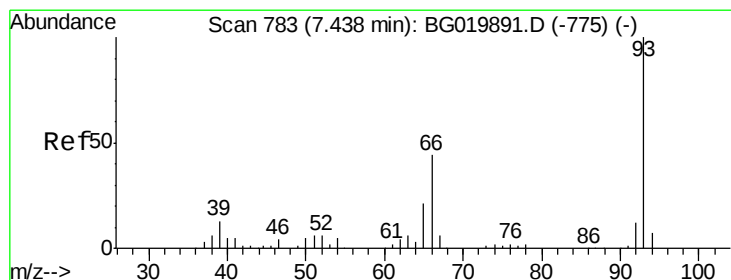
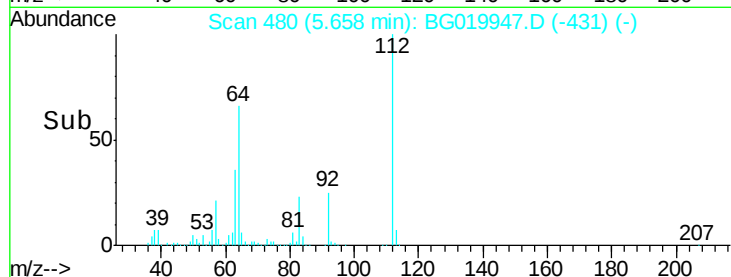
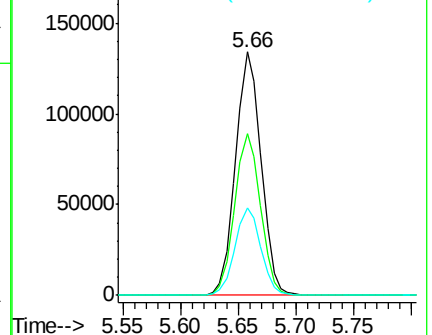
63 35.8 24.0 36.0



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: 12.01 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

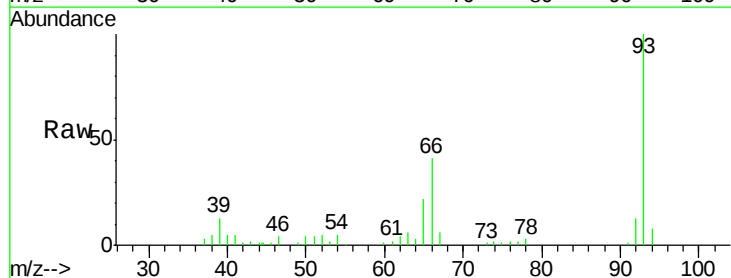
Tgt Ion: 93 Resp: 65400

Ion Ratio Lower Upper

93 100

66 40.6 26.2 39.2#

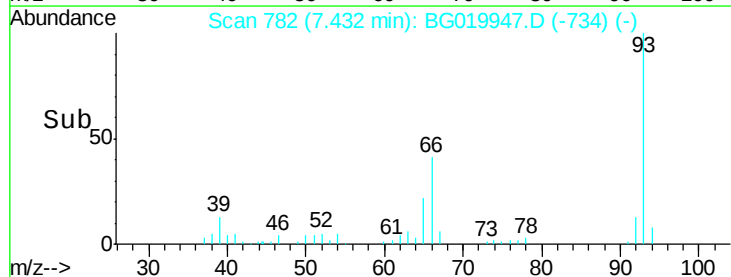
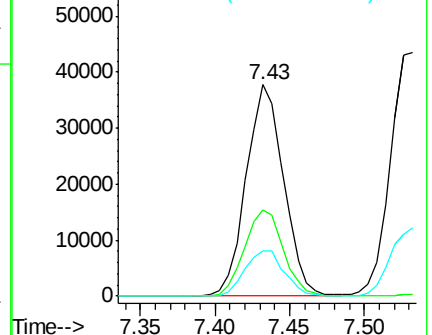
65 21.6 14.0 21.0#

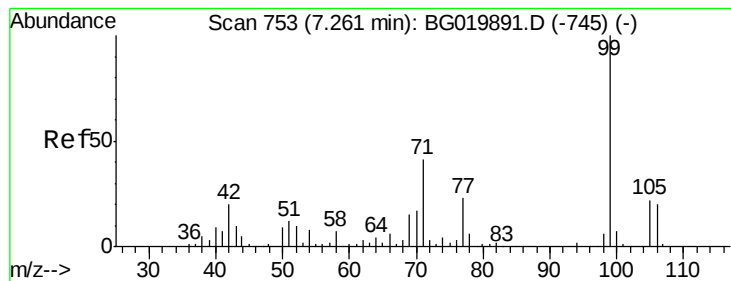


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 71.03 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

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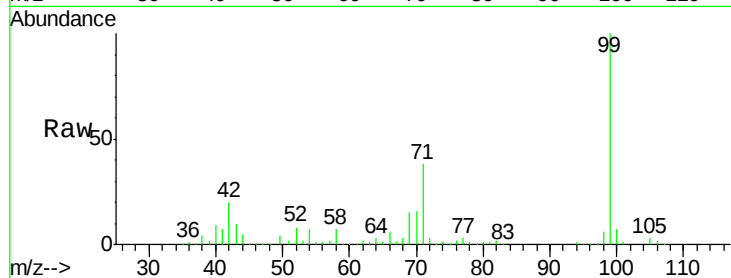
Tgt Ion: 99 Resp: 298781

Ion Ratio Lower Upper

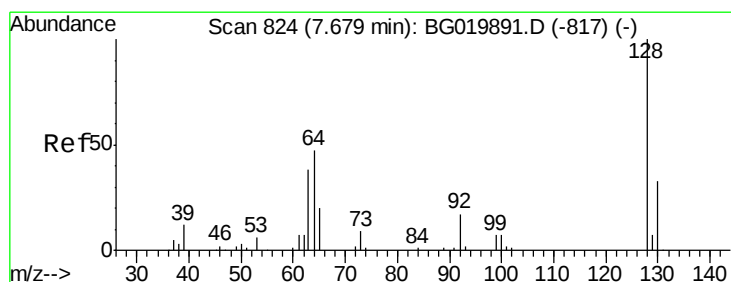
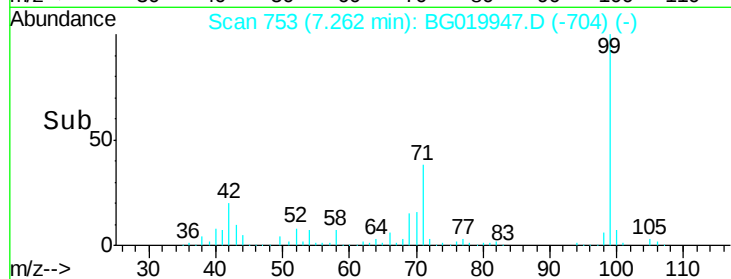
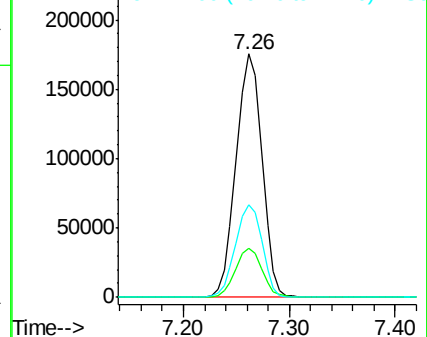
99 100

42 20.0 11.5 17.3#

71 38.2 22.6 34.0#



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: 22.99 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

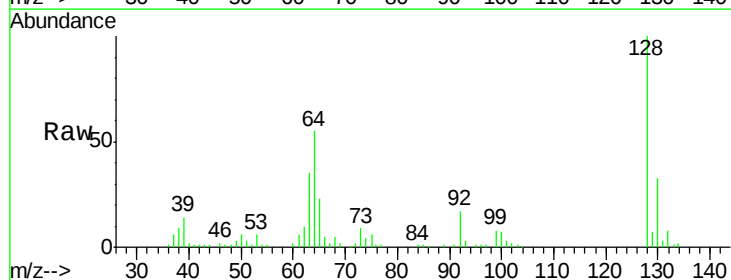
Tgt Ion: 128 Resp: 78090

Ion Ratio Lower Upper

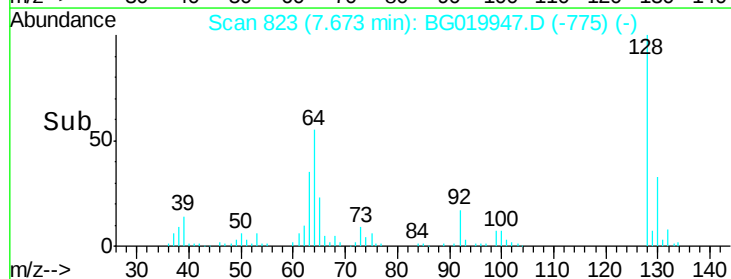
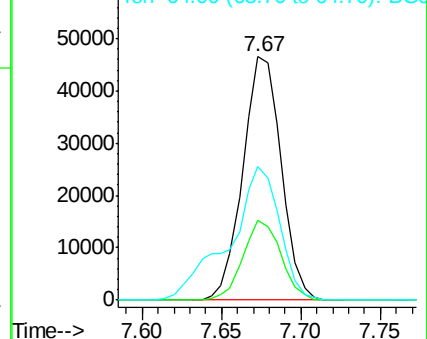
128 100

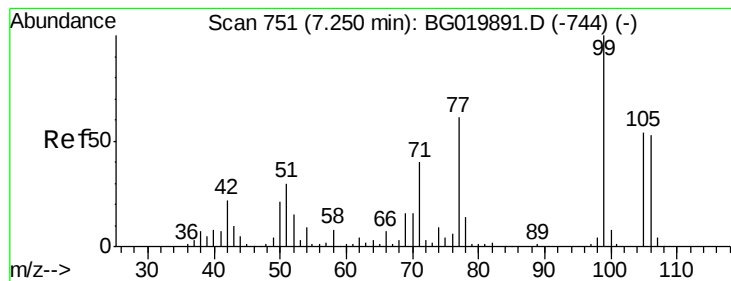
130 32.8 13.0 53.0

64 54.9 28.2 68.2



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: 9.49 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

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PB87054BSD

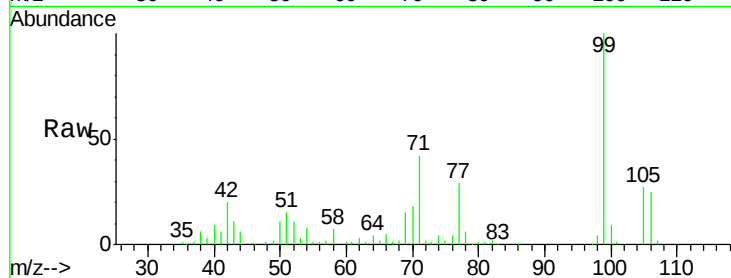
Tgt Ion: 77 Resp: 26609

Ion Ratio Lower Upper

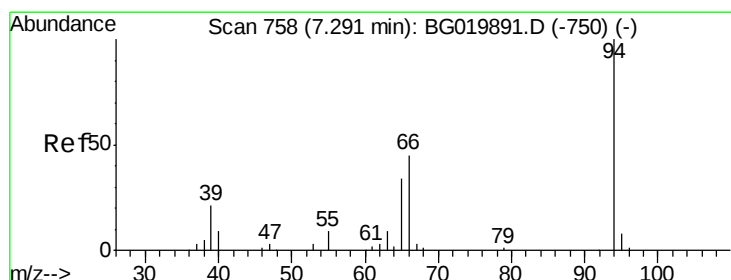
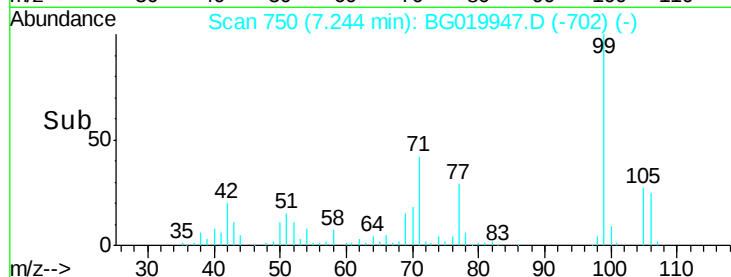
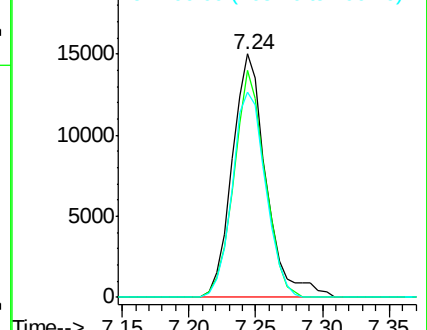
77 100

105 93.0 77.7 117.7

106 84.0 75.8 115.8



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: 23.99 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

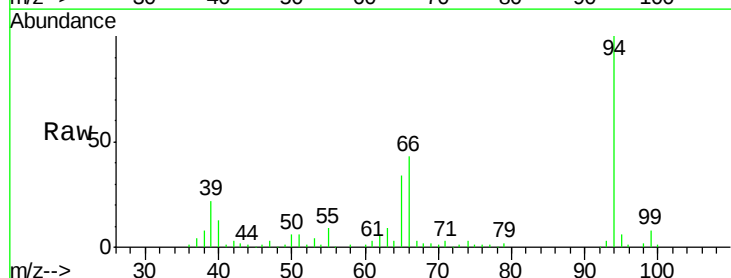
Tgt Ion: 94 Resp: 106184

Ion Ratio Lower Upper

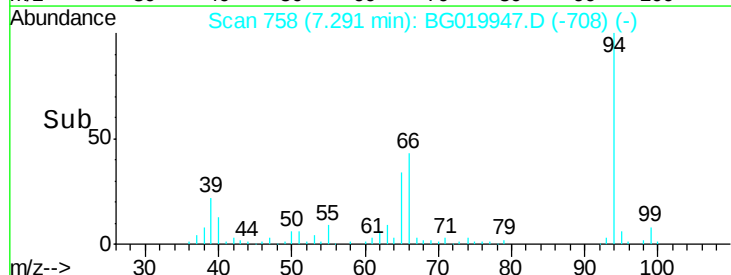
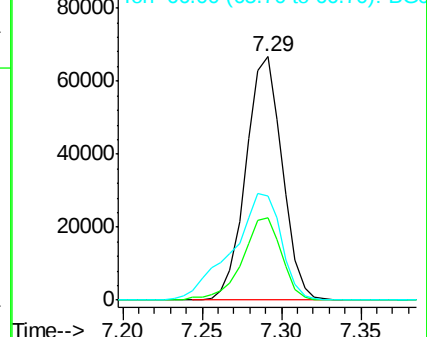
94 100

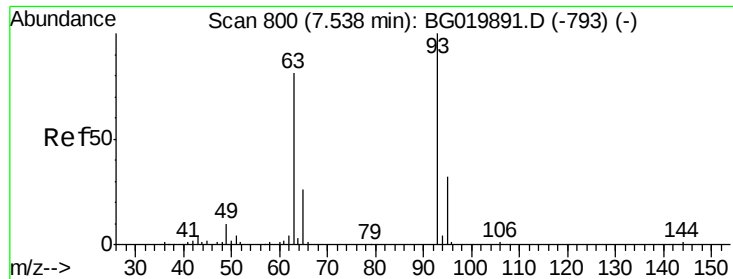
65 33.6 5.4 45.4

66 42.9 11.8 51.8



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

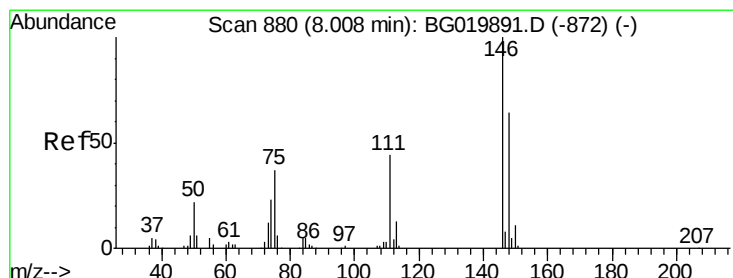
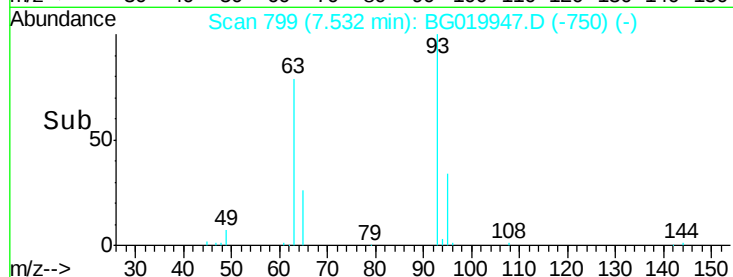
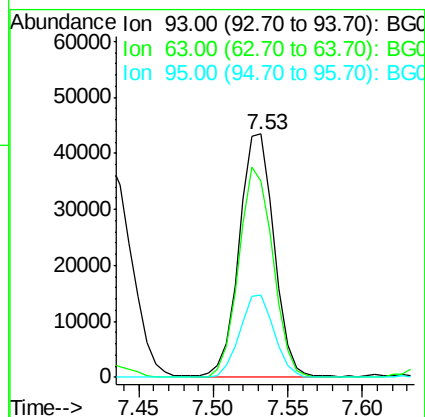
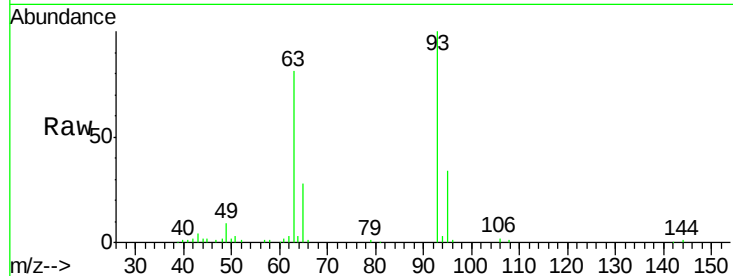




#11
bis(2-Chloroethyl)ether
Concen: 21.57 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

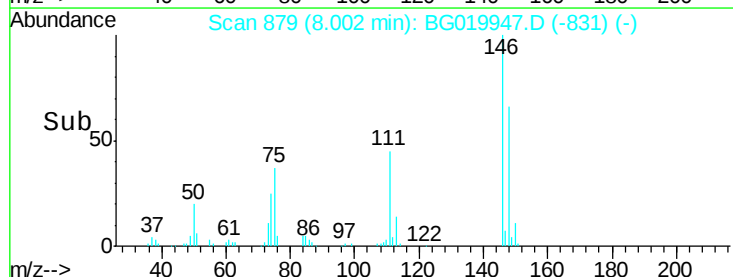
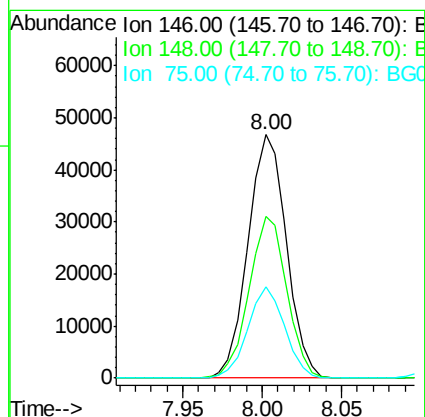
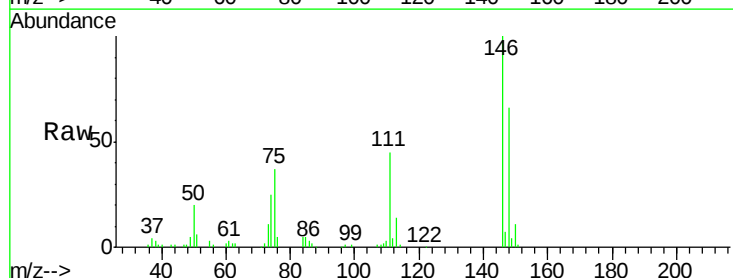
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

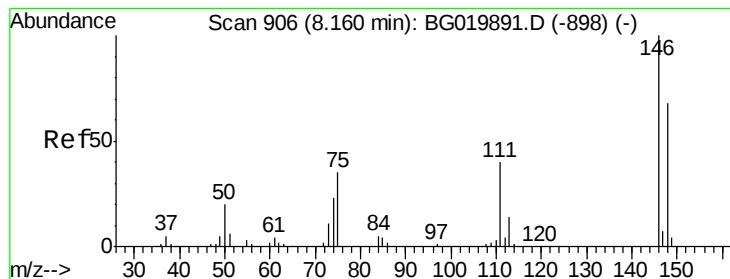
Tgt Ion: 93 Resp: 70721
Ion Ratio Lower Upper
93 100
63 80.7 50.5 90.5
95 33.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 20.48 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion: 146 Resp: 78874
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 37.4 21.1 31.7#





#13

1,4-Dichlorobenzene

Concen: 20.06 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

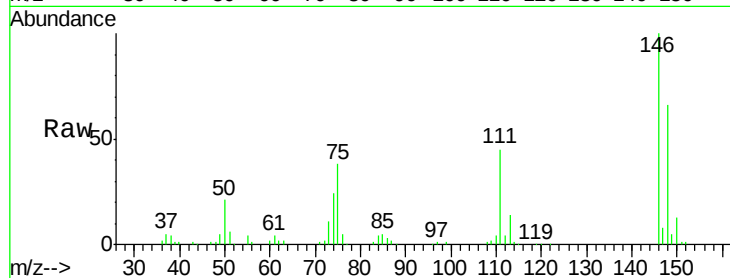
Tgt Ion:146 Resp: 79777

Ion Ratio Lower Upper

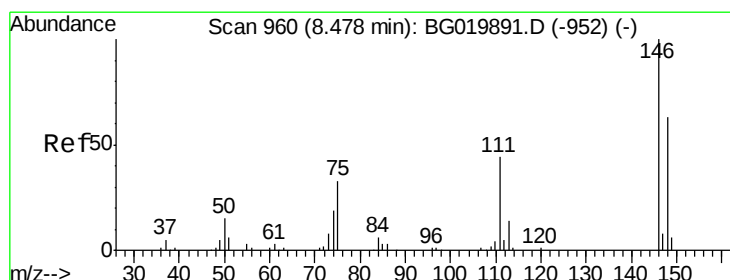
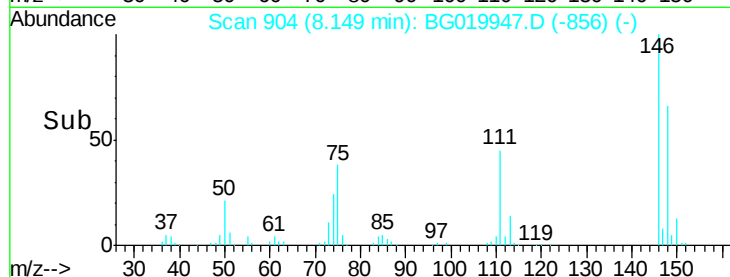
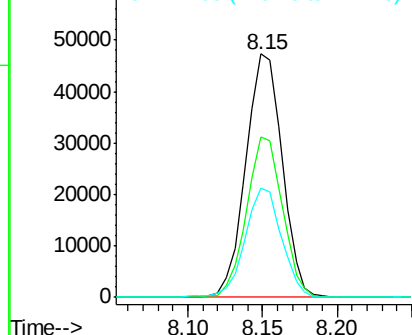
146 100

148 65.9 52.5 78.7

111 44.7 28.3 42.5#



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



#14

1,2-Dichlorobenzene

Concen: 20.73 ng

RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

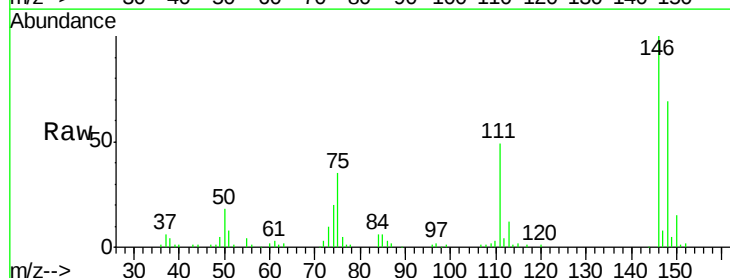
Tgt Ion:146 Resp: 78646

Ion Ratio Lower Upper

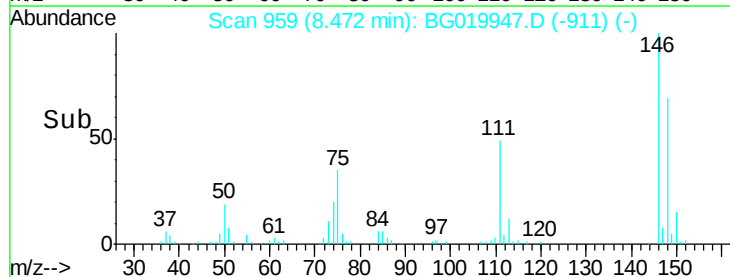
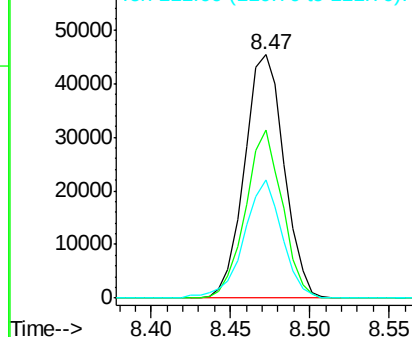
146 100

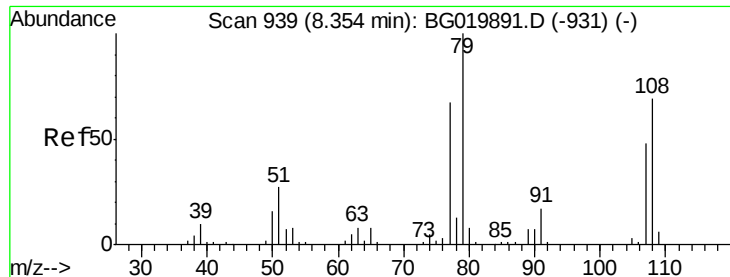
148 69.0 52.5 78.7

111 48.6 29.9 44.9#



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: 22.14 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

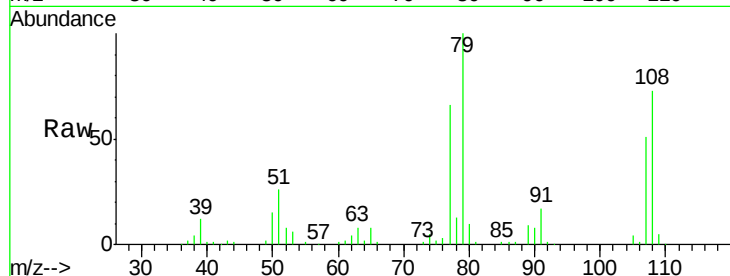
Tgt Ion: 79 Resp: 81705

Ion Ratio Lower Upper

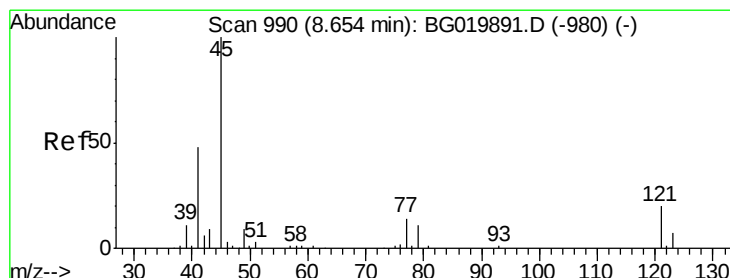
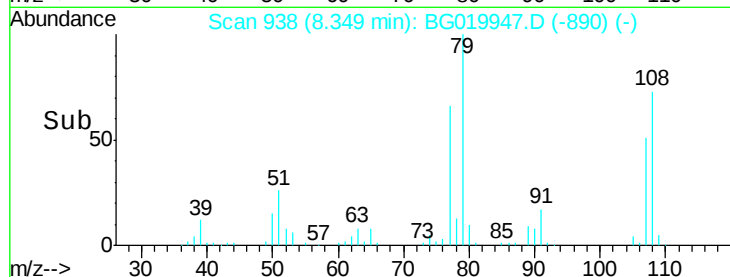
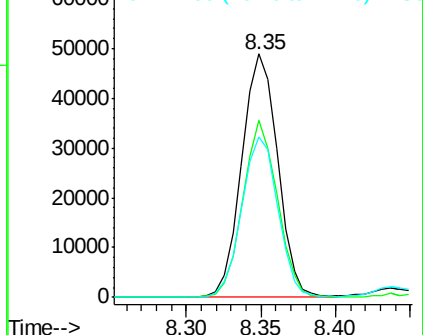
79 100

108 72.7 65.5 98.3

77 65.8 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.30 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

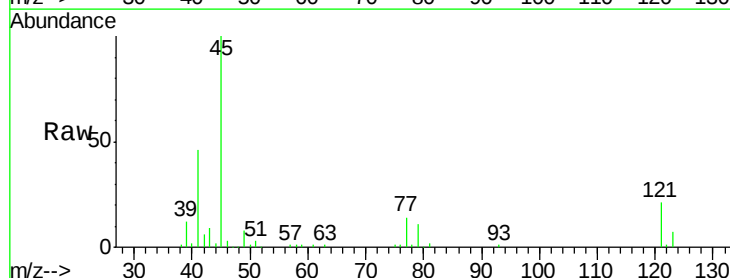
Tgt Ion: 45 Resp: 108533

Ion Ratio Lower Upper

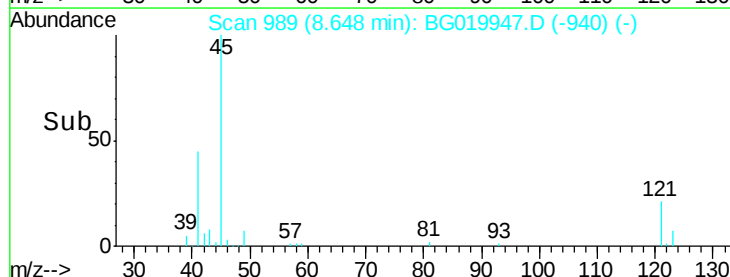
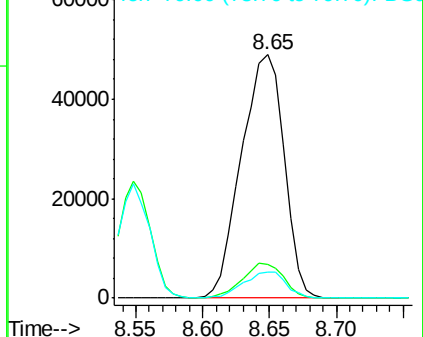
45 100

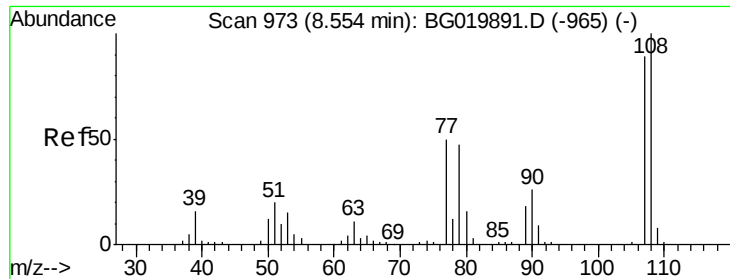
77 14.0 0.0 37.0

79 10.5 0.0 33.8



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

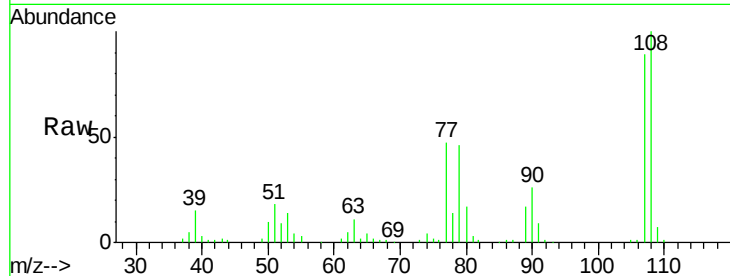




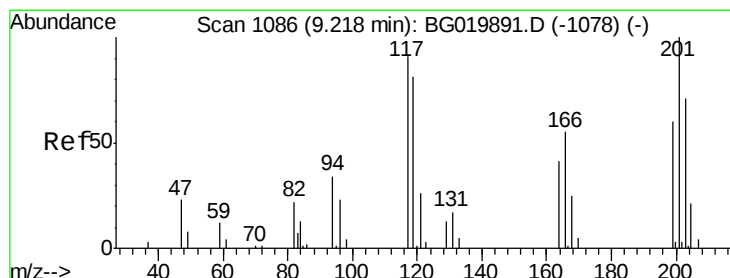
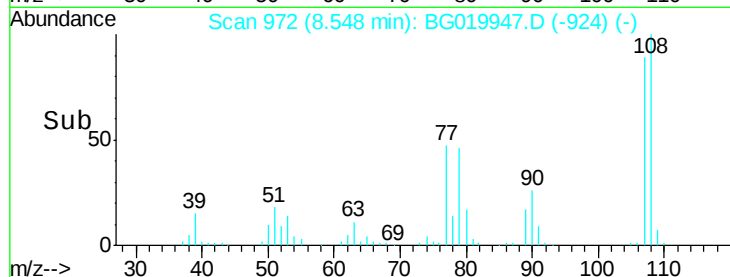
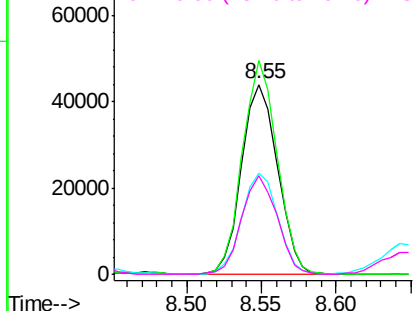
#17
2-Methylphenol
Concen: 23.56 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:107 Resp: 73622
Ion Ratio Lower Upper
107 100
108 112.6 86.5 129.7
77 53.2 34.6 51.8#
79 52.2 32.3 48.5#

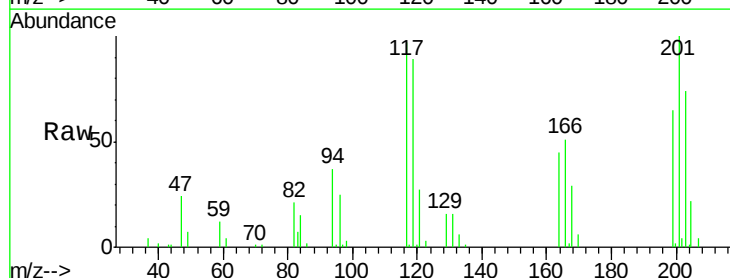


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

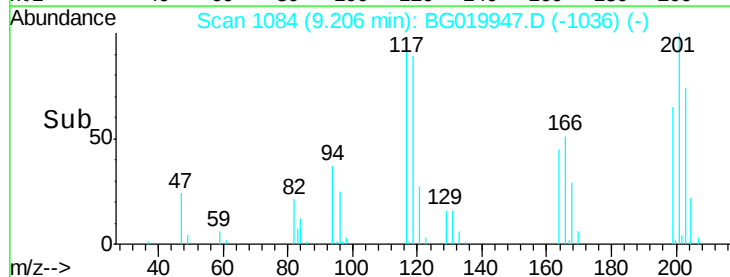
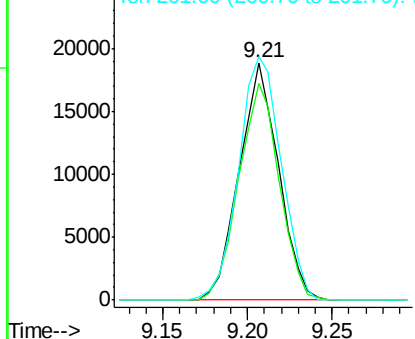


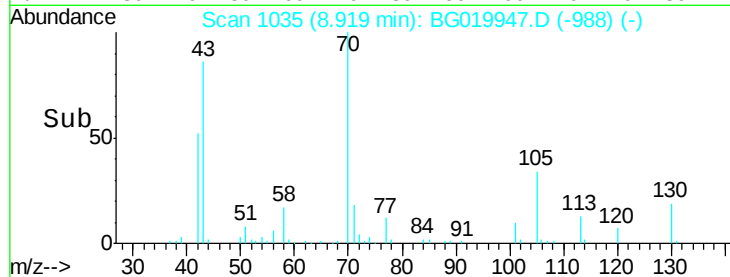
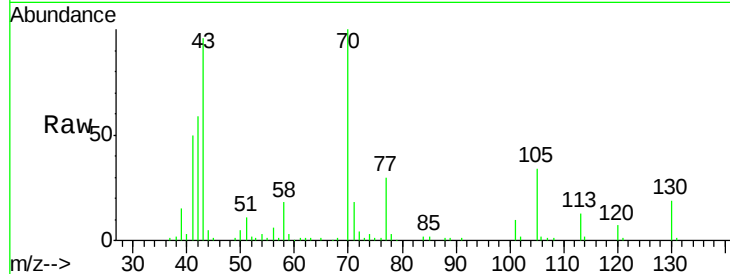
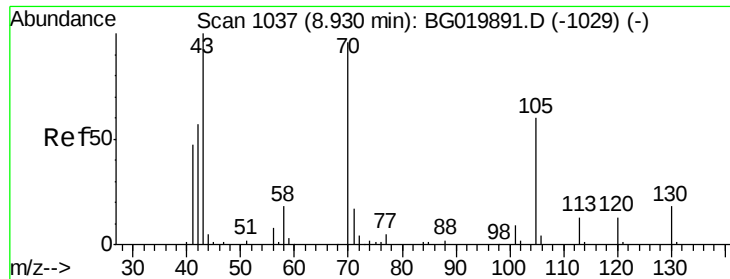
#18
Hexachloroethane
Concen: 20.54 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:117 Resp: 30589
Ion Ratio Lower Upper
117 100
119 91.3 71.7 107.5
201 102.6 90.9 136.3



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

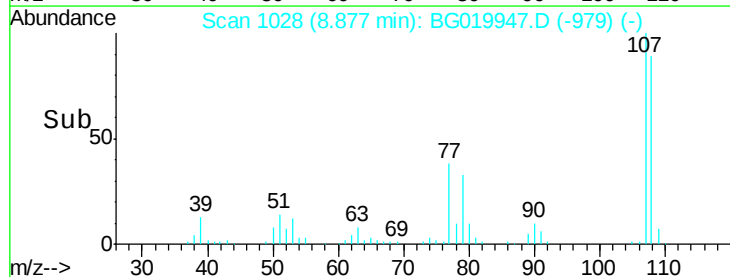
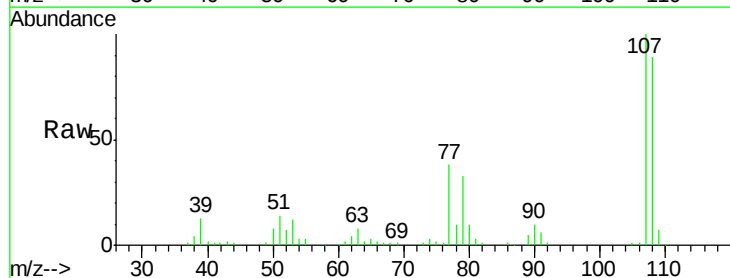
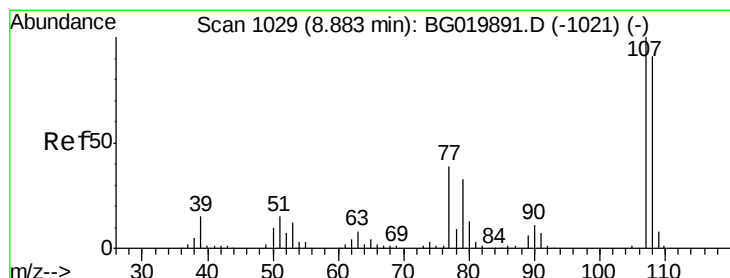
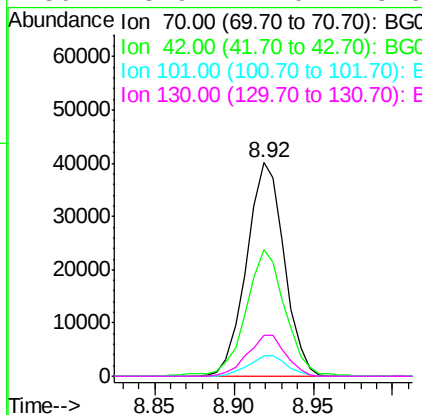




#19
n-Nitroso-di-n-propylamine
Concen: 19.88 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

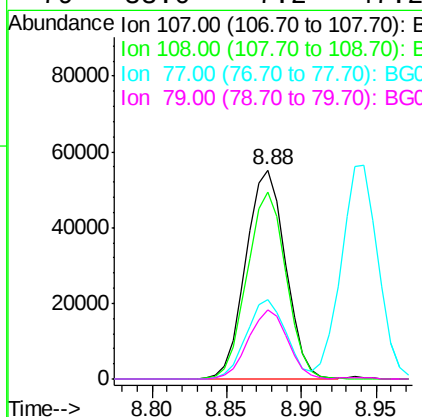
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

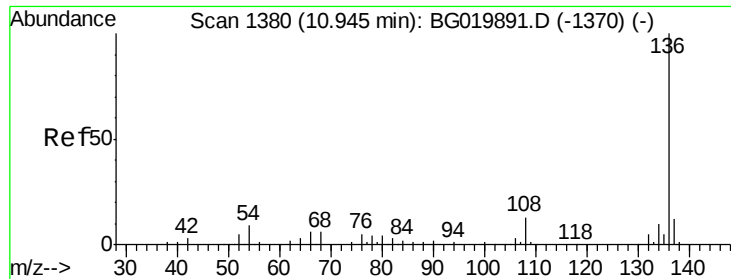
Tgt Ion:	70	Resp:	65937
Ion	Ratio	Lower	Upper
70	100		
42	59.1	40.6	60.8
101	9.6	8.6	13.0
130	18.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 23.10 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:	107	Resp:	101668
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.2	112.2
77	37.8	13.4	53.4
79	33.0	7.2	47.2

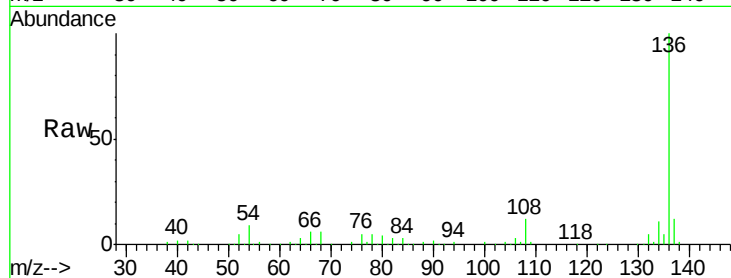




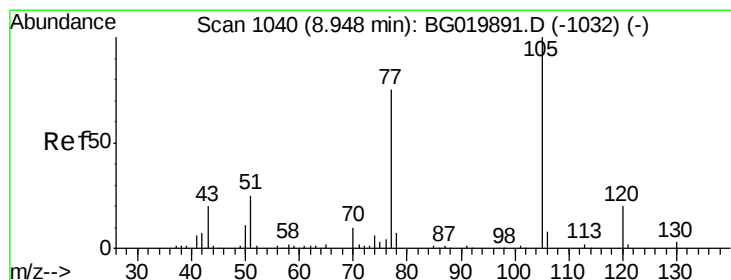
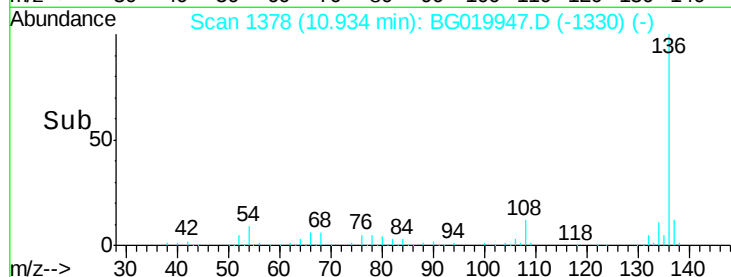
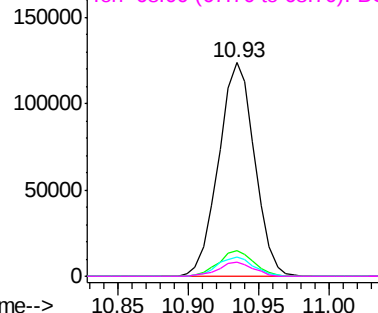
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:	136	Resp:	220507
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.6	12.8
54	9.6	5.4	8.2#
68	6.4	5.3	7.9

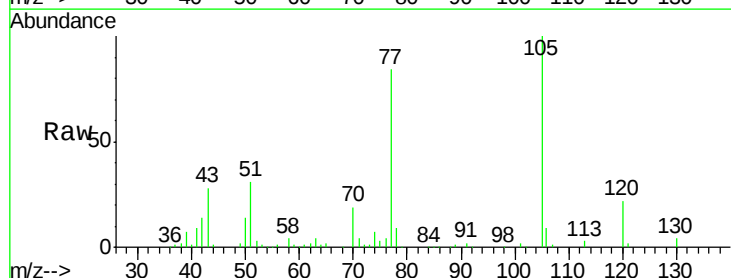


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

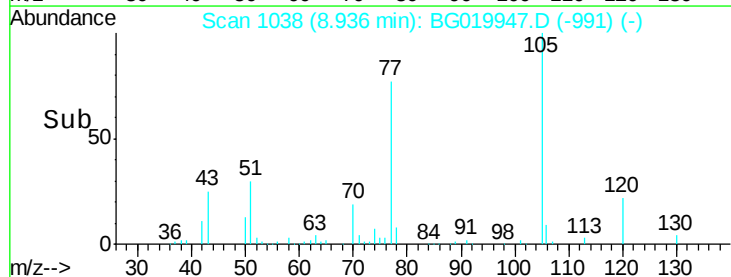
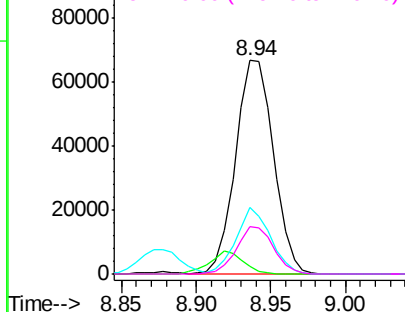


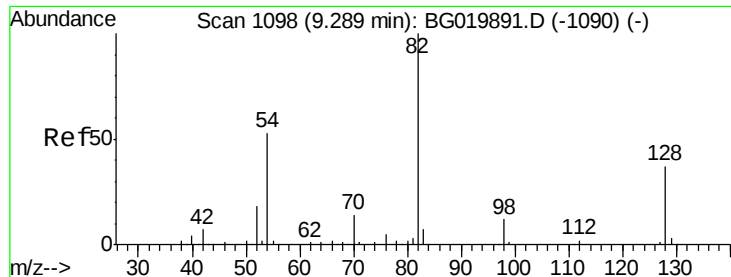
#22
Acetophenone
Concen: 19.56 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:	105	Resp:	118250
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.1	3.1#
51	30.9	17.8	26.8#
120	21.9	17.7	26.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

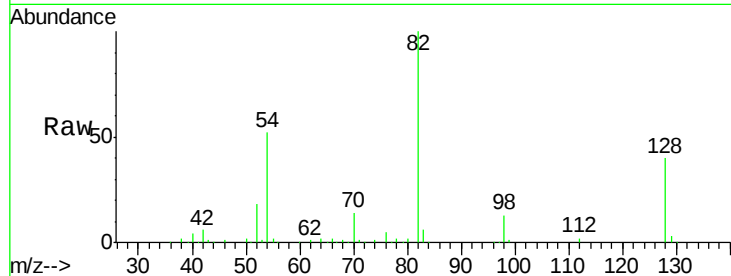




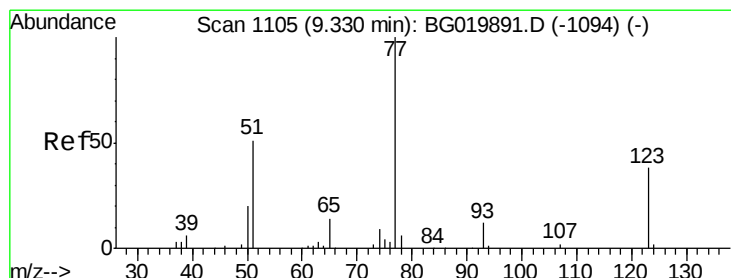
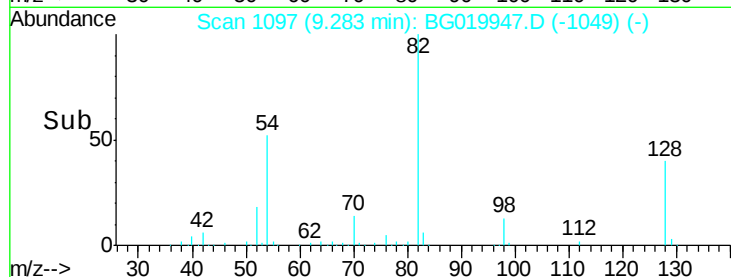
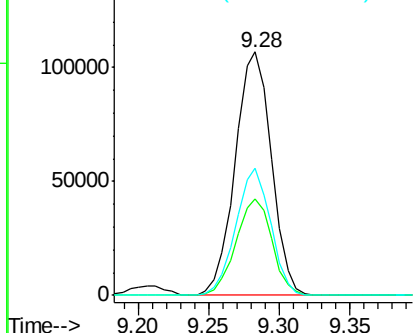
#23
 Nitrobenzene-d5
 Concen: 44.41 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tgt Ion: 82 Resp: 191884
 Ion Ratio Lower Upper
 82 100
 128 39.7 36.7 55.1
 54 52.1 33.8 50.8#

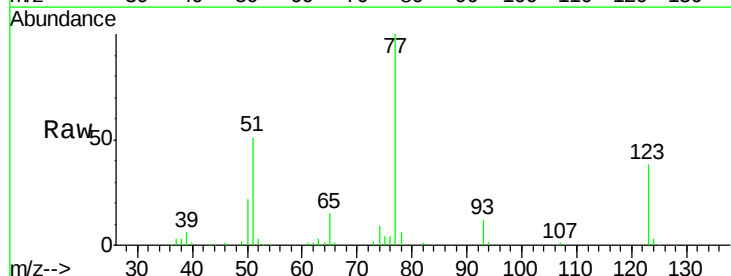


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

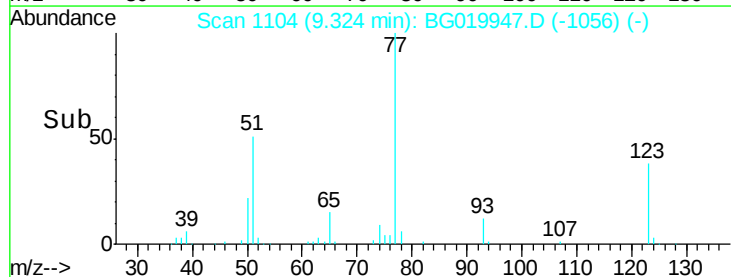
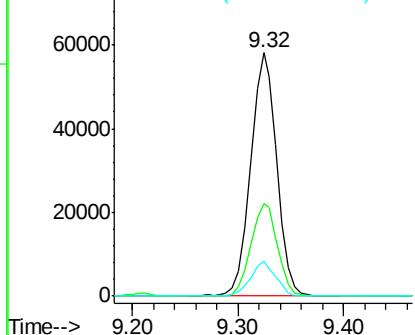


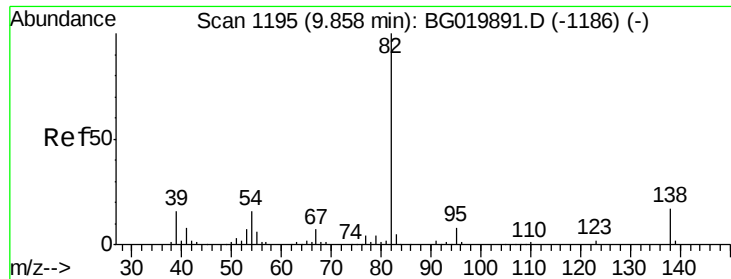
#24
 Nitrobenzene
 Concen: 21.29 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion: 77 Resp: 99776
 Ion Ratio Lower Upper
 77 100
 123 37.8 38.2 57.2#
 65 14.6 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 19.27 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

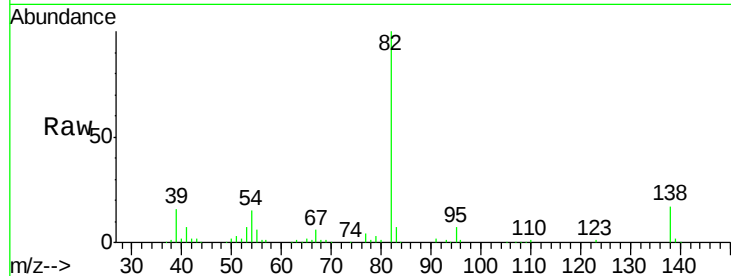
Tgt Ion: 82 Resp: 178459

Ion Ratio Lower Upper

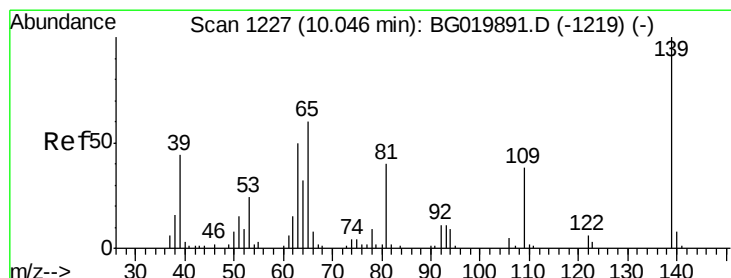
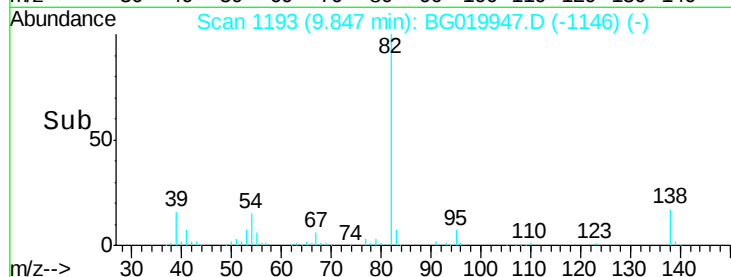
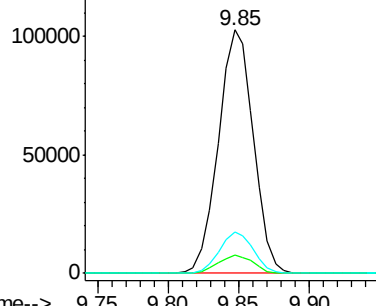
82 100

95 7.5 5.2 7.8

138 16.9 14.4 21.6



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



#26

2-Nitrophenol

Concen: 23.78 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

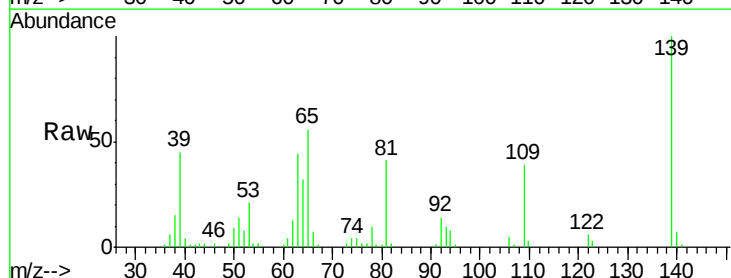
Tgt Ion: 139 Resp: 43040

Ion Ratio Lower Upper

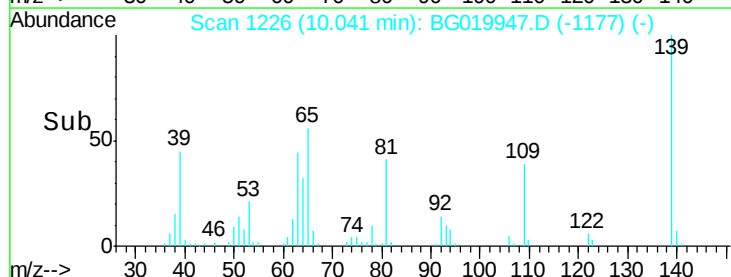
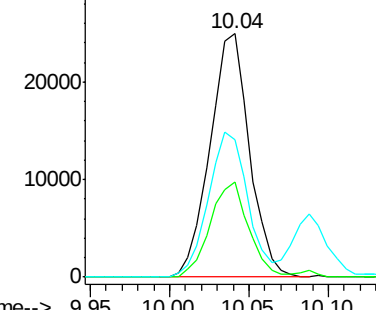
139 100

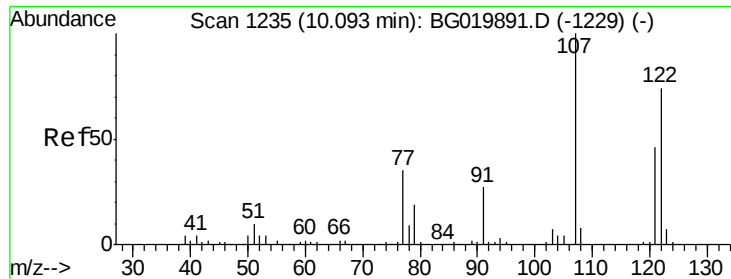
109 39.2 20.1 30.1#

65 56.3 34.1 51.1#



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

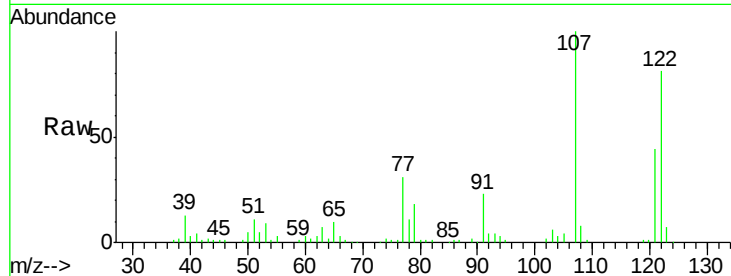




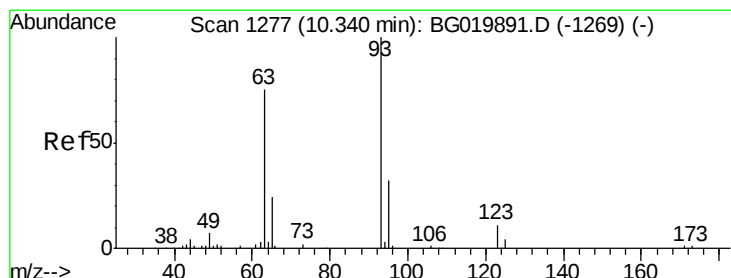
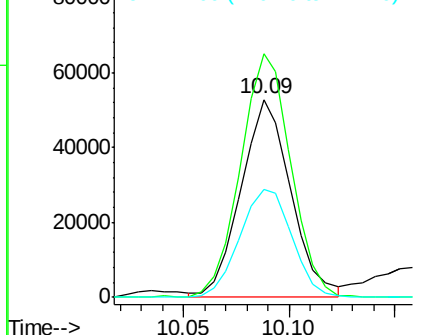
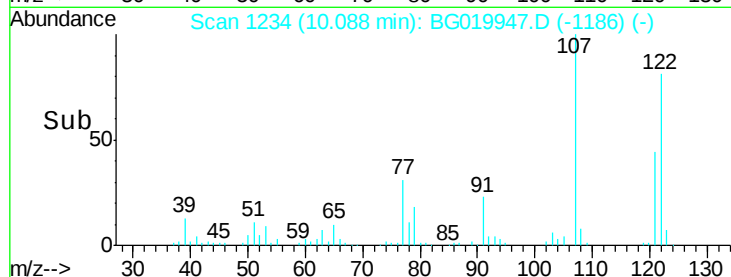
#27
2,4-Dimethylphenol
Concen: 22.85 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:122 Resp: 86132
Ion Ratio Lower Upper
122 100
107 123.1 91.6 137.4
121 54.3 47.3 70.9

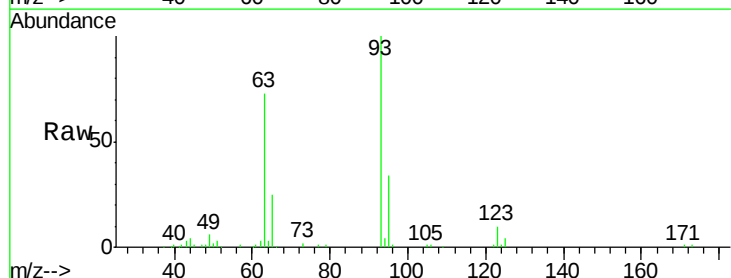


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

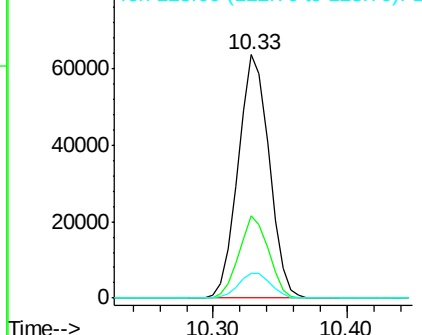
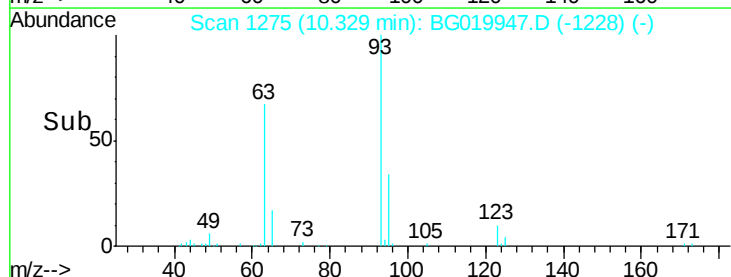


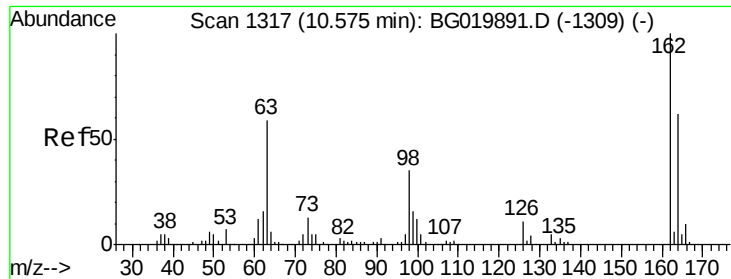
#28
bis(2-Chloroethoxy)methane
Concen: 22.62 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion: 93 Resp: 102402
Ion Ratio Lower Upper
93 100
95 33.7 25.7 38.5
123 10.2 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

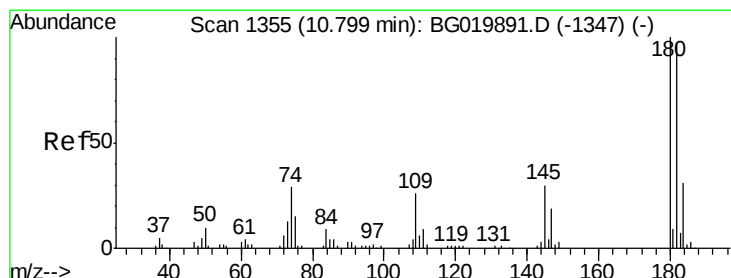
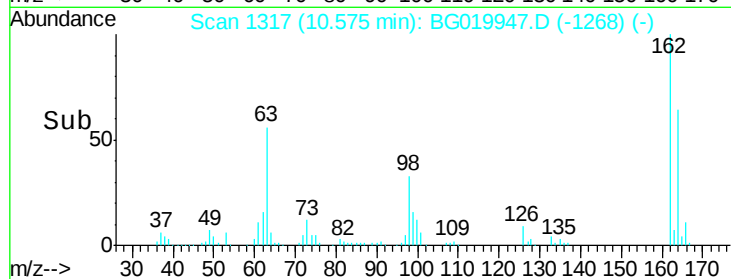
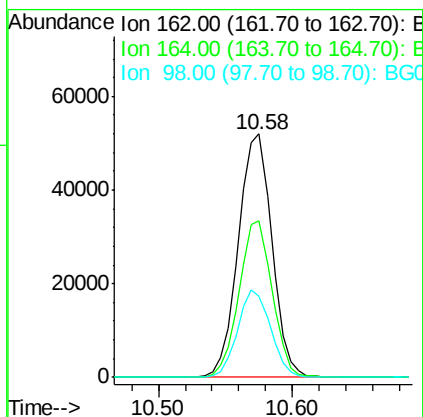
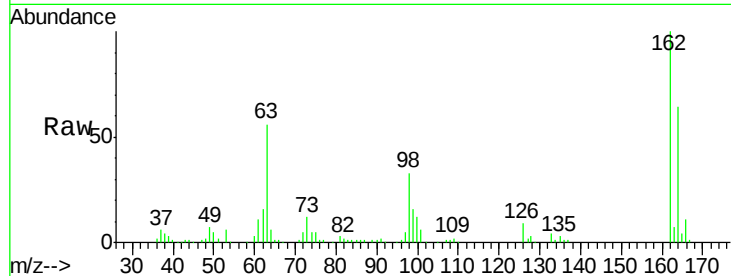




#29
 2,4-Dichlorophenol
 Concen: 23.51 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

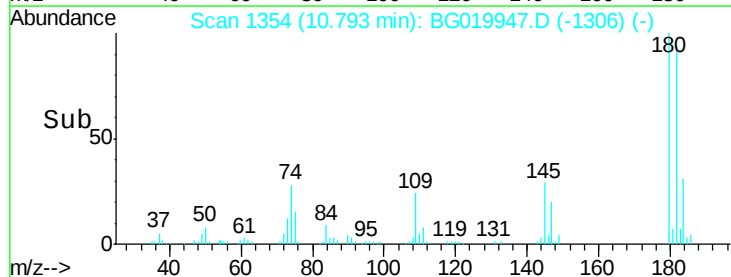
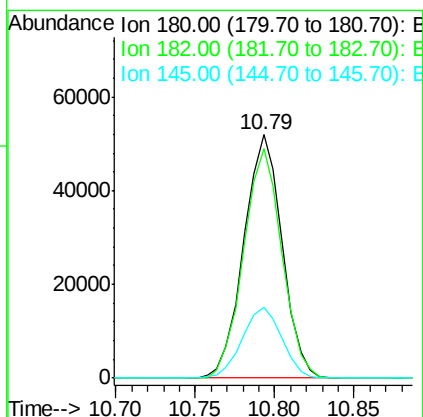
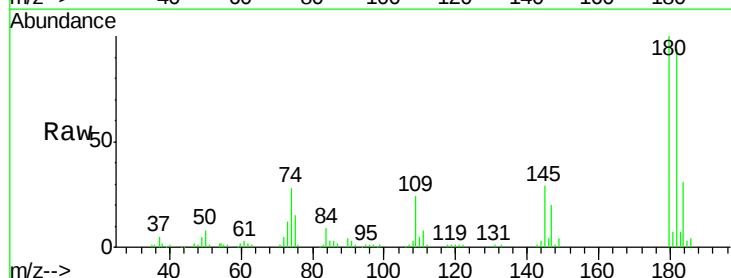
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

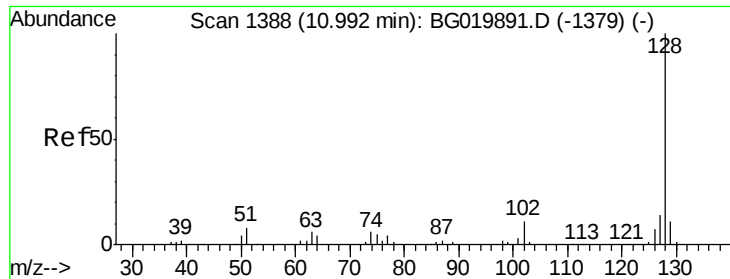
Tgt Ion:162 Resp: 90534
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.3 82.3
 98 33.3 11.5 51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 20.00 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:180 Resp: 87058
 Ion Ratio Lower Upper
 180 100
 182 94.3 79.7 119.5
 145 29.0 22.0 33.0





#31

Naphthalene

Concen: 20.69 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

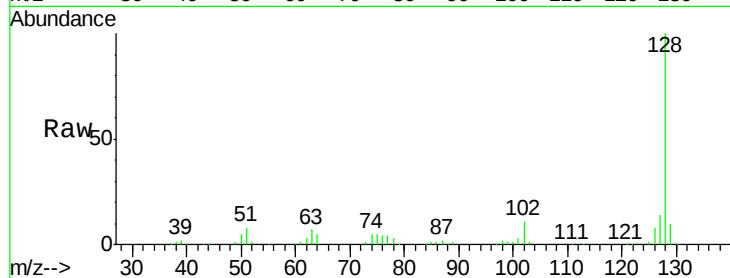
Tgt Ion:128 Resp: 244356

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

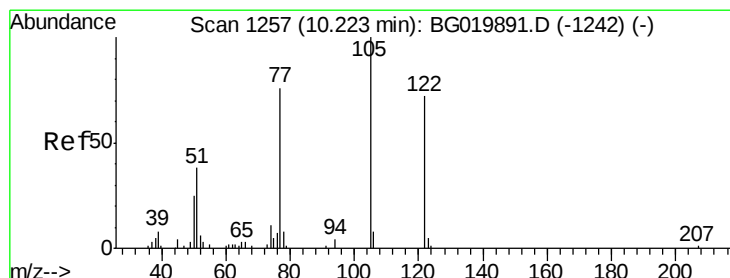
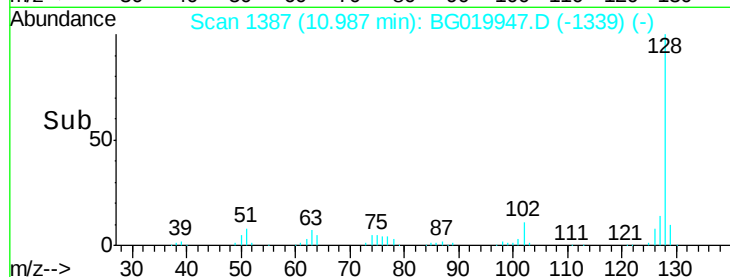
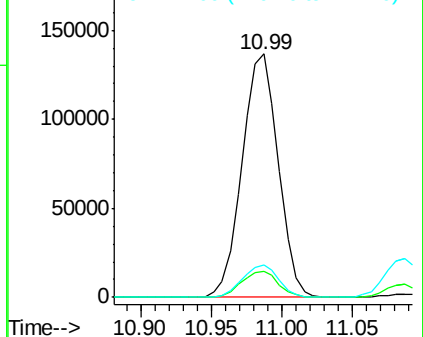
127 13.6 10.6 16.0



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: 26.47 ng

RT: 10.21 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

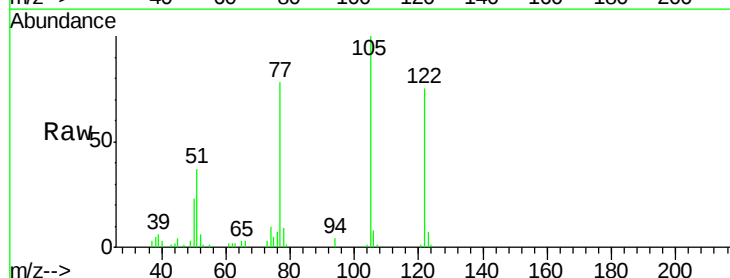
Tgt Ion:122 Resp: 59438

Ion Ratio Lower Upper

122 100

105 132.7 103.8 143.8

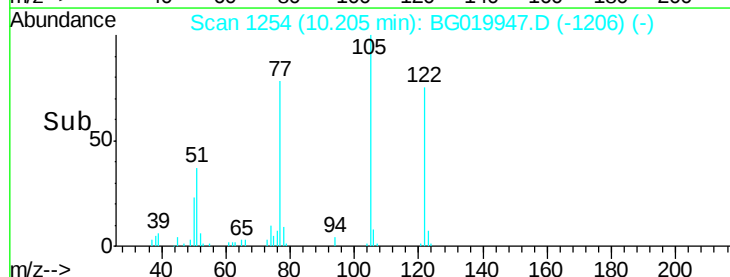
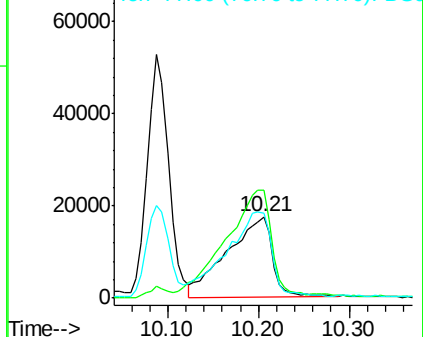
77 103.7 68.8 108.8

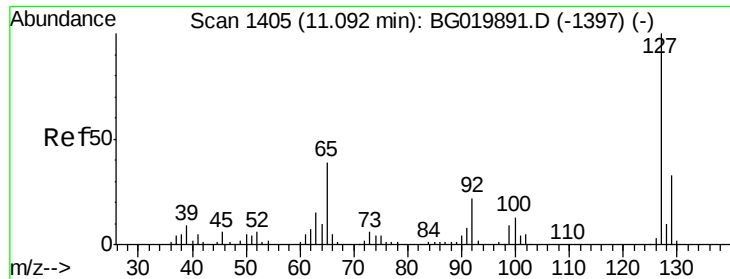


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

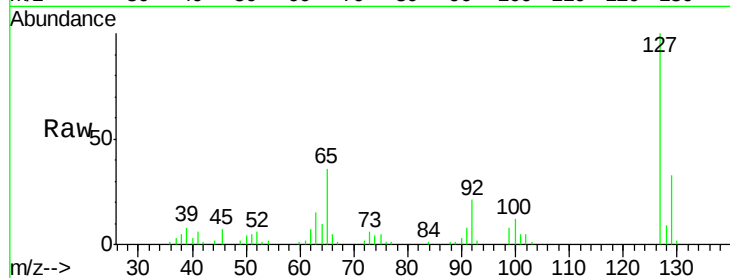




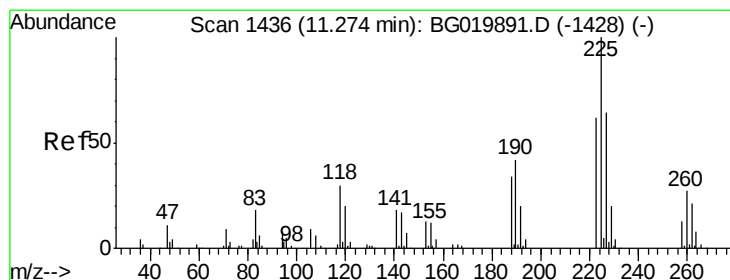
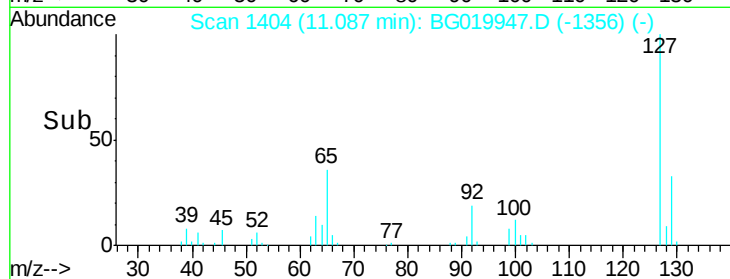
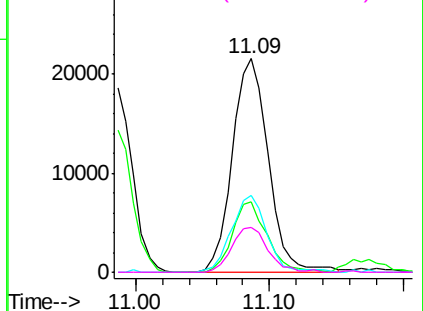
#33
4-Chloroaniline
Concen: 7.72 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:127 Resp: 40202
Ion Ratio Lower Upper
127 100
129 32.9 24.6 37.0
65 36.1 22.6 33.8#
92 21.2 15.1 22.7

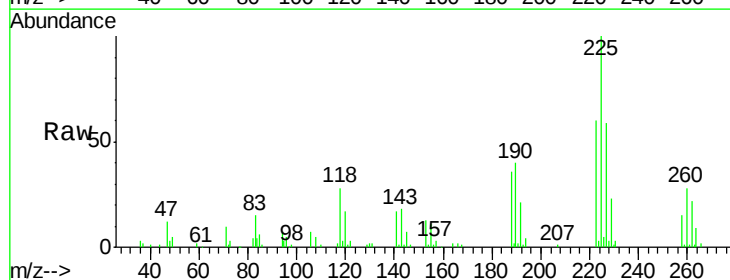


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

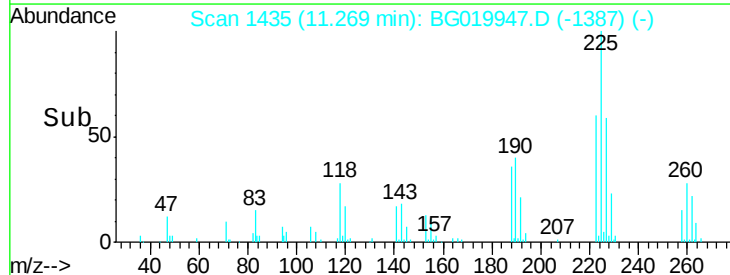
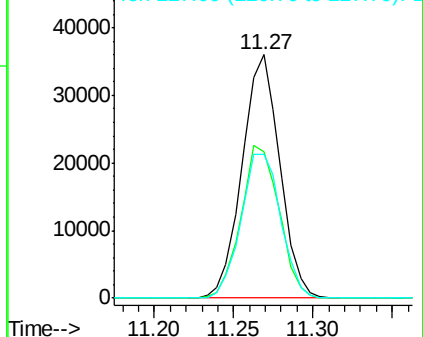


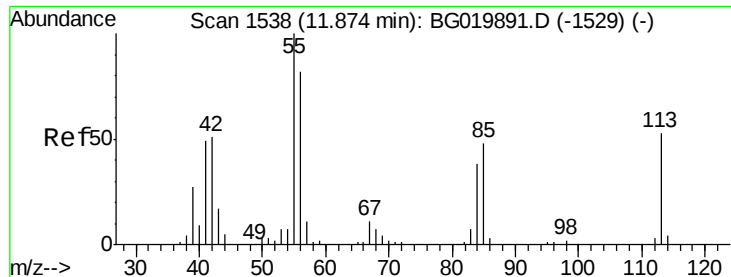
#34
Hexachlorobutadiene
Concen: 18.47 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:225 Resp: 59291
Ion Ratio Lower Upper
225 100
223 60.0 51.0 76.4
227 61.9 51.8 77.8



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: 14.88 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

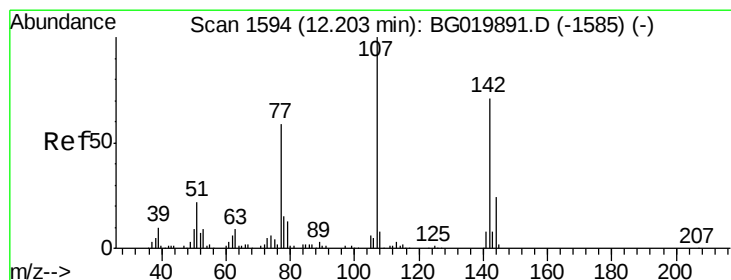
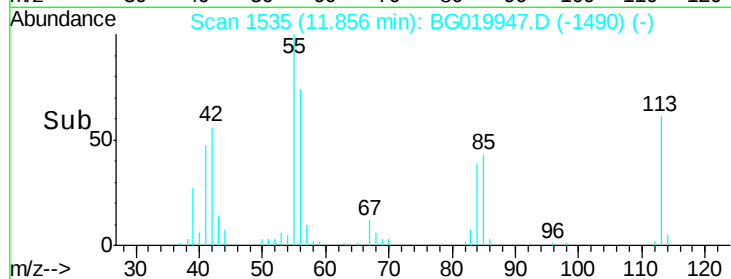
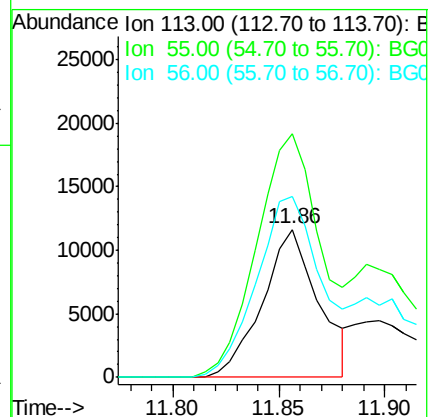
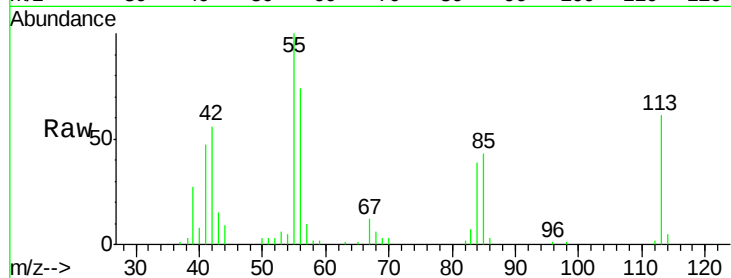
Tgt Ion:113 Resp: 21323

Ion Ratio Lower Upper

113 100

55 164.7 135.0 175.0

56 122.2 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 22.04 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

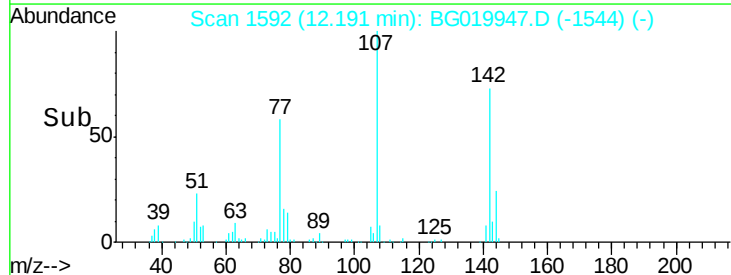
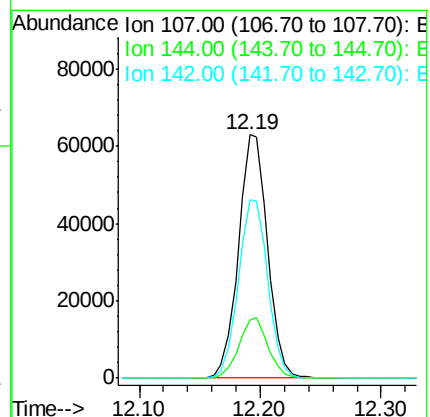
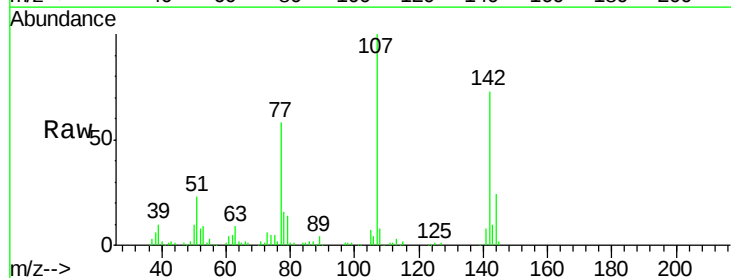
Tgt Ion:107 Resp: 105717

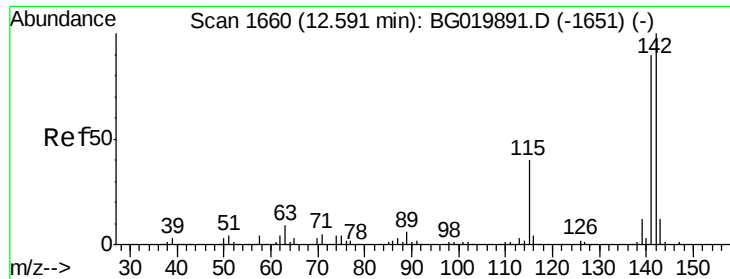
Ion Ratio Lower Upper

107 100

144 24.0 20.6 31.0

142 73.1 62.6 93.8

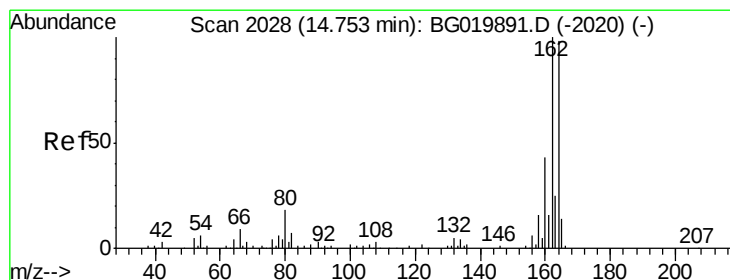
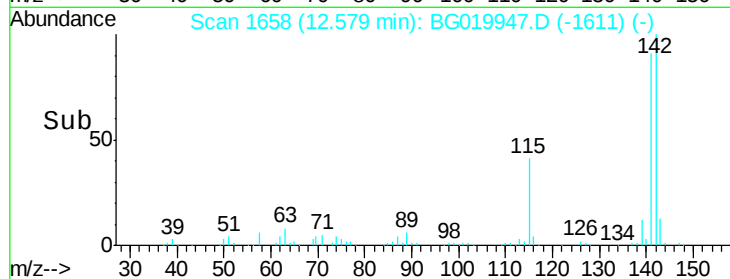
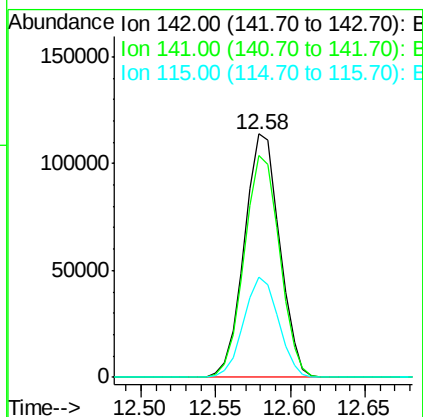
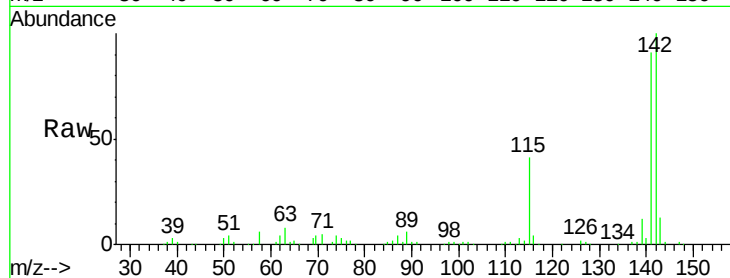




#37
 2-Methylnaphthalene
 Concen: 21.53 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

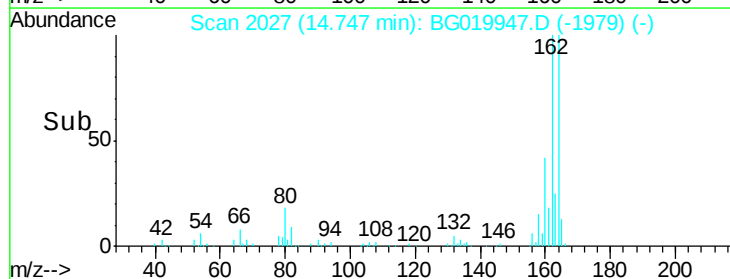
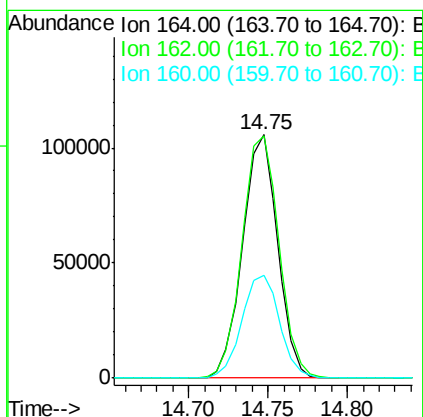
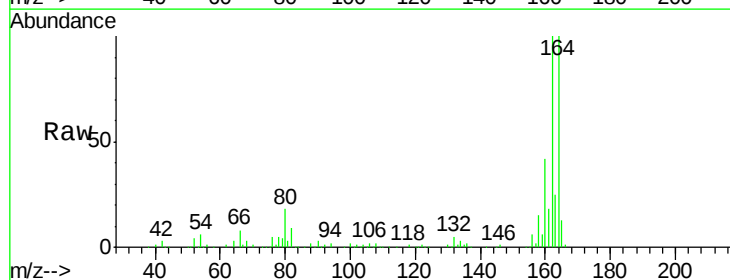
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

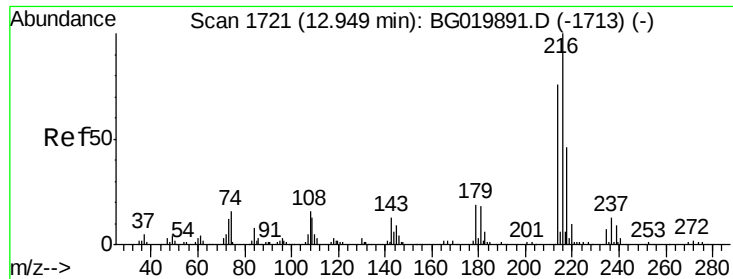
Tgt Ion:142 Resp: 186374
 Ion Ratio Lower Upper
 142 100
 141 91.3 74.6 112.0
 115 41.1 27.4 41.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:164 Resp: 162099
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 42.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.79 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

Tgt Ion:216 Resp: 115570

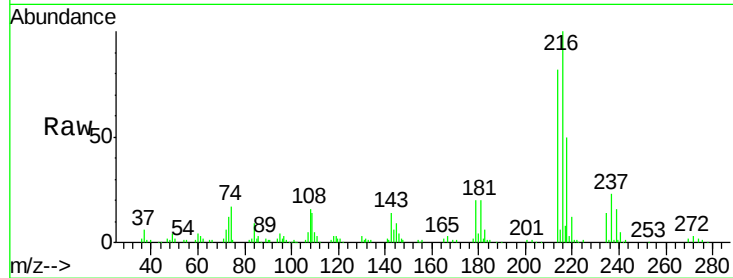
Ion Ratio Lower Upper

216 100

214 80.1 62.5 93.7

179 19.6 15.6 23.4

108 18.1 13.3 19.9

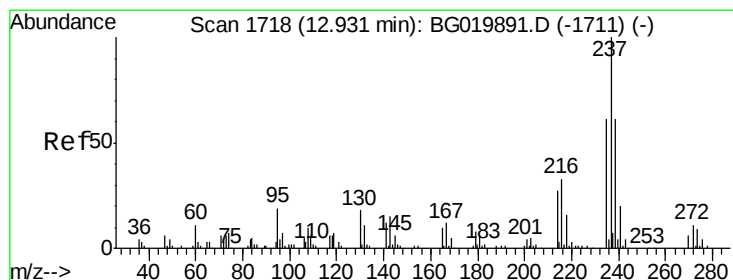
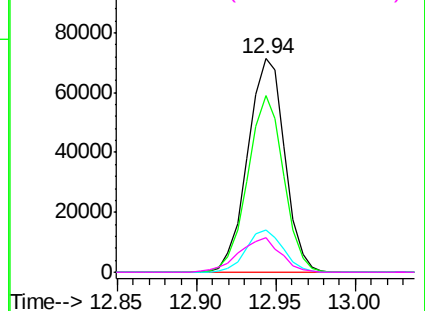
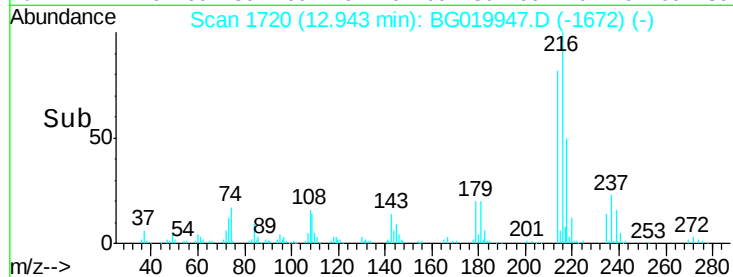


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.70 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

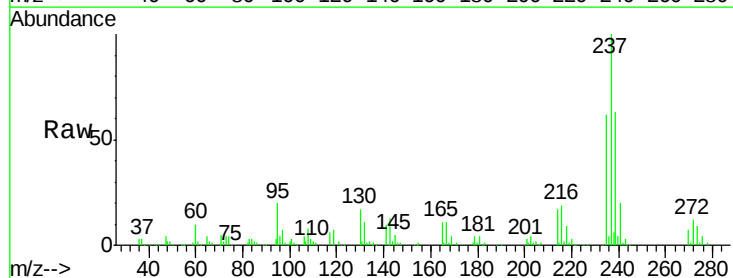
Tgt Ion:237 Resp: 128735

Ion Ratio Lower Upper

237 100

235 62.2 44.6 84.6

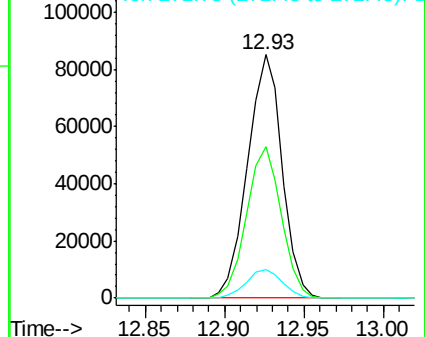
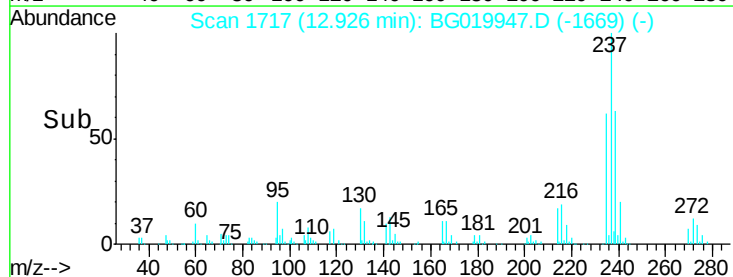
272 11.5 0.0 32.8

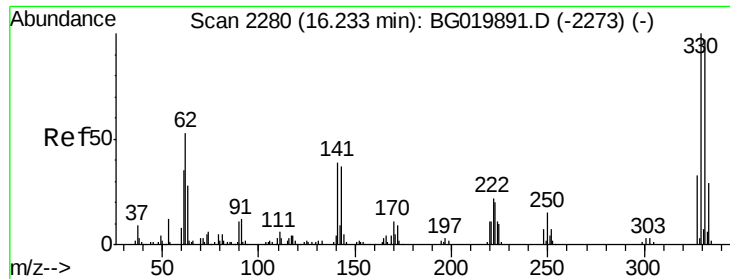


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

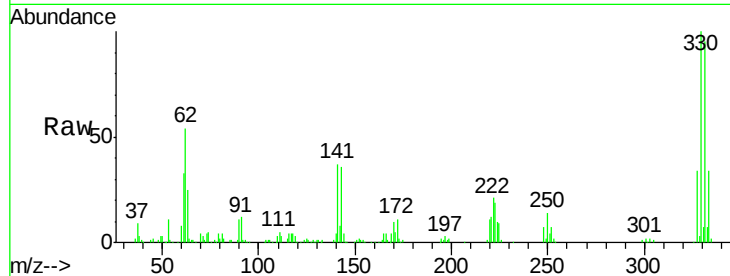




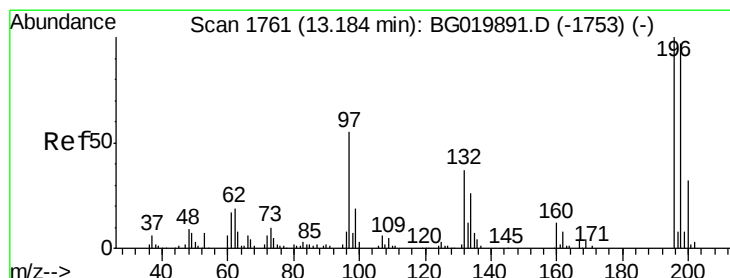
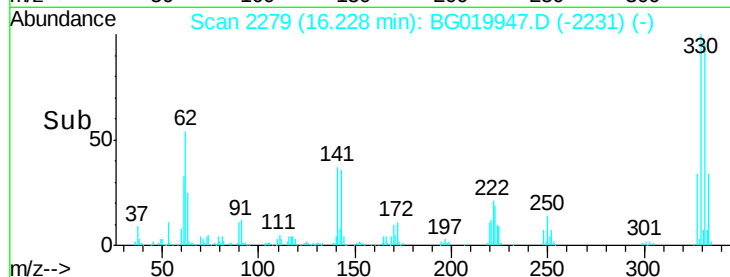
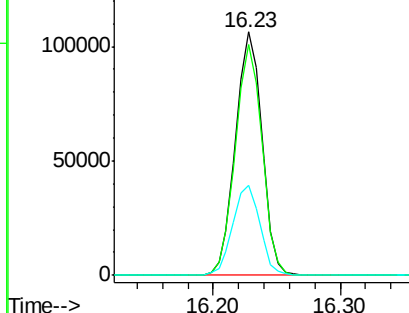
#41
 2,4,6-Tribromophenol
 Concen: 62.18 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampled :
 PB87054BSD

Tgt Ion:330 Resp: 154221
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.1 117.1
 141 37.9 28.2 42.2

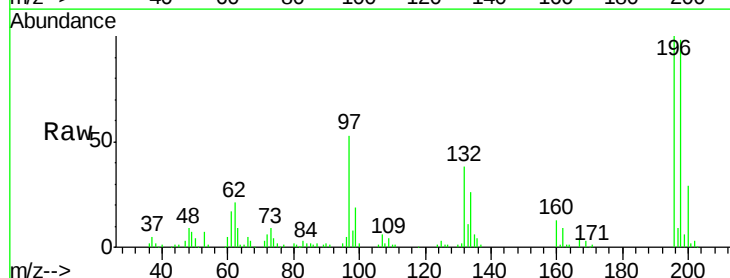


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

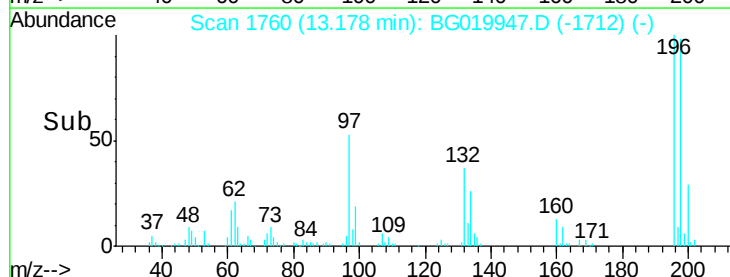
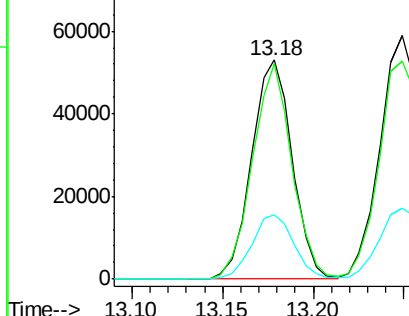


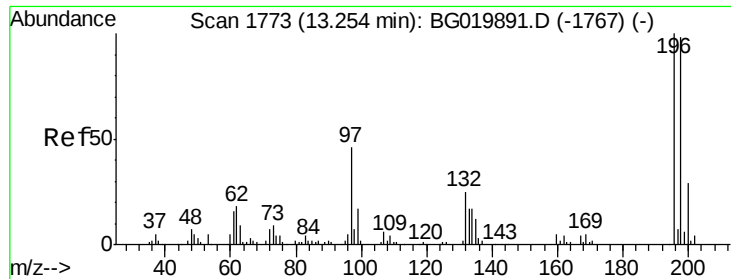
#42
 2,4,6-Trichlorophenol
 Concen: 20.39 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:196 Resp: 83045
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.7 112.1
 200 29.4 24.1 36.1



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

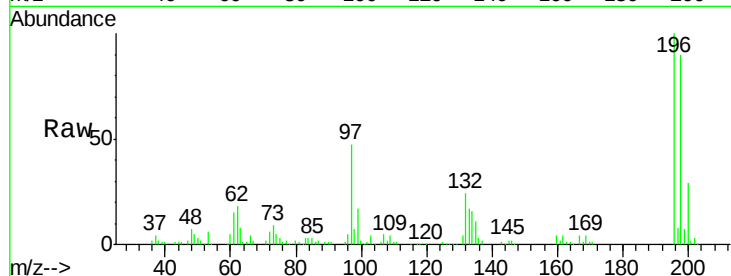




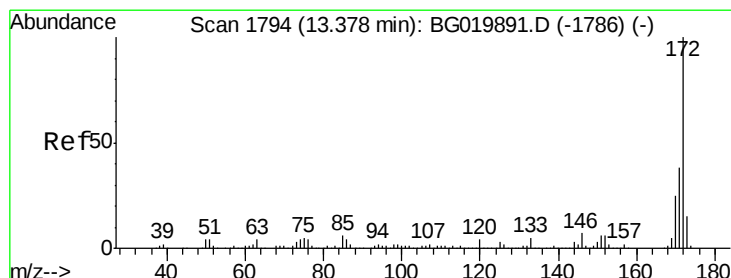
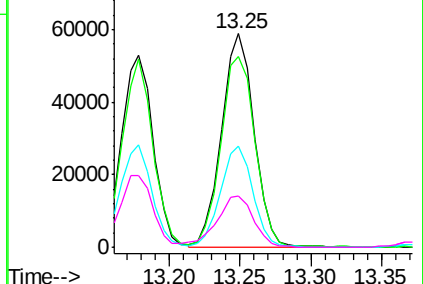
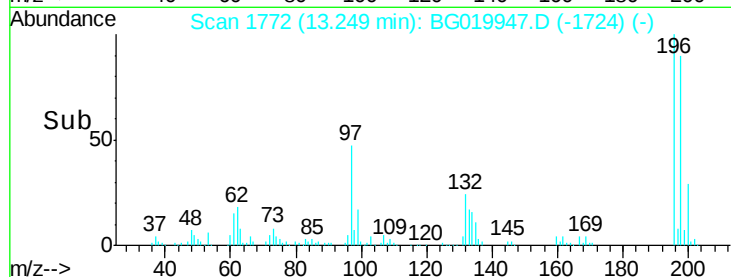
#43
 2,4,5-Trichlorophenol
 Concen: 21.96 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tgt Ion:196 Resp: 94545
 Ion Ratio Lower Upper
 196 100
 198 89.5 75.2 112.8
 97 47.1 34.2 51.2
 132 24.0 21.8 32.6

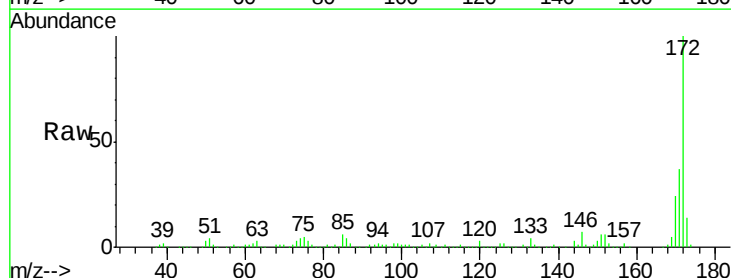


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

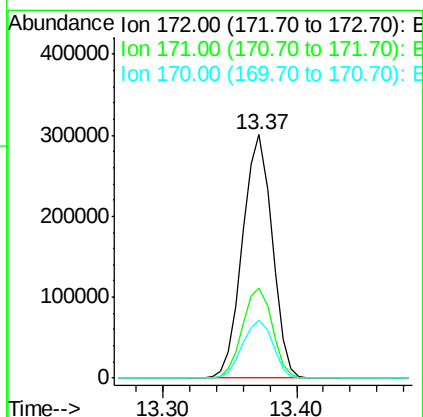
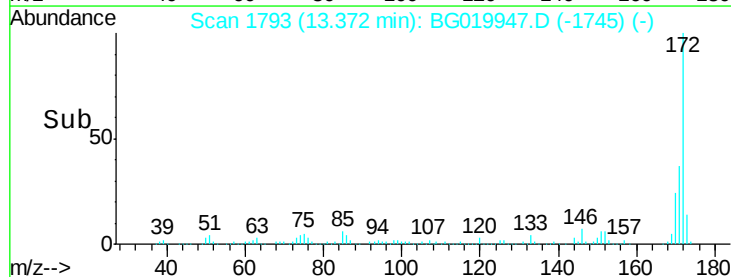


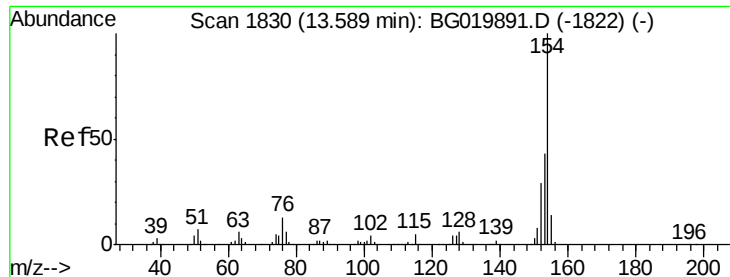
#44
 2-Fluorobiphenyl
 Concen: 38.83 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:172 Resp: 461040
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.1 19.9 29.9



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

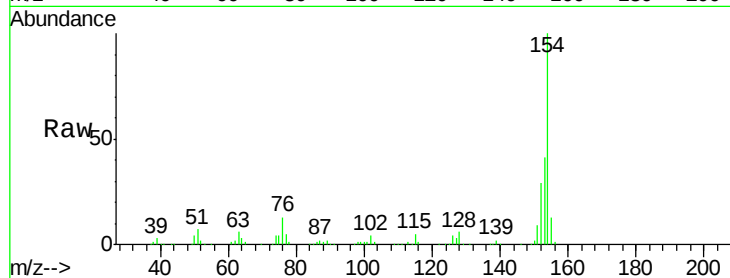




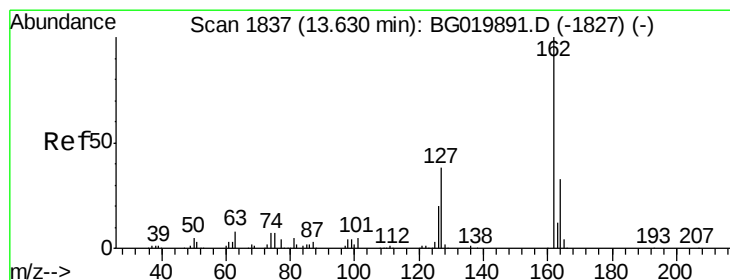
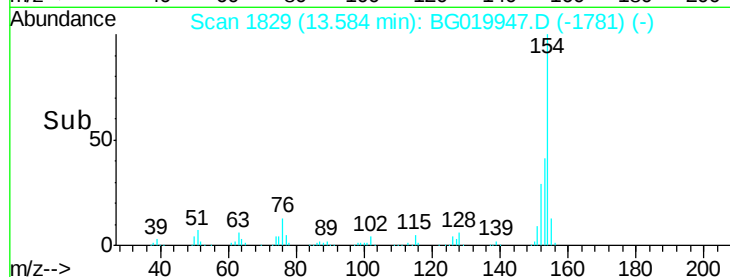
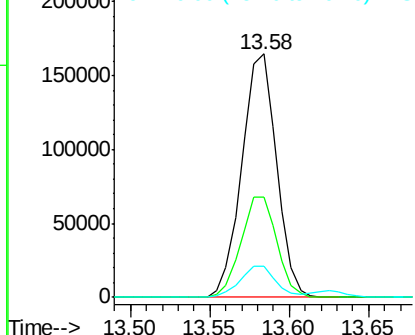
#45
 1,1'-Biphenyl
 Concen: 18.82 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	12.6	0.0	33.2

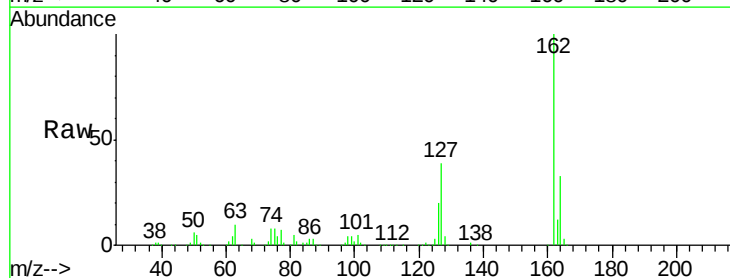


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

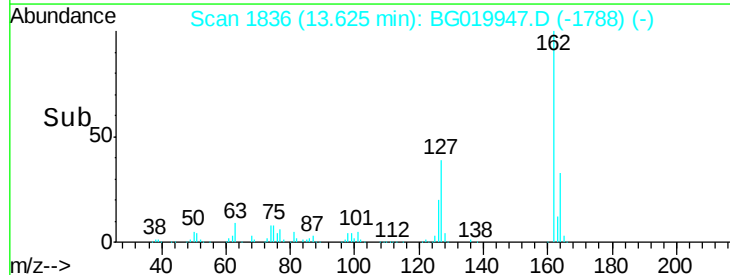
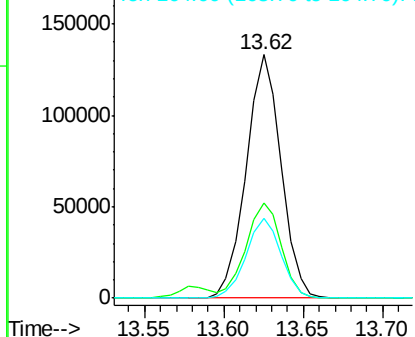


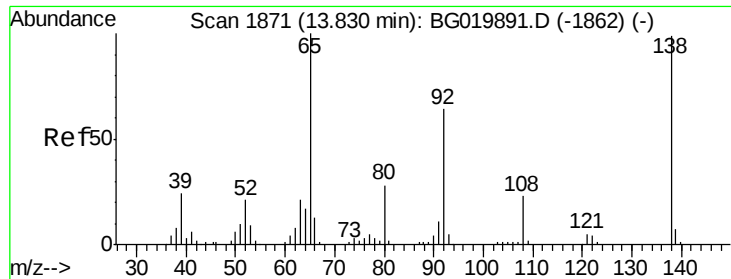
#46
 2-Chloronaphthalene
 Concen: 19.81 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	28.3	42.5
164	32.6	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

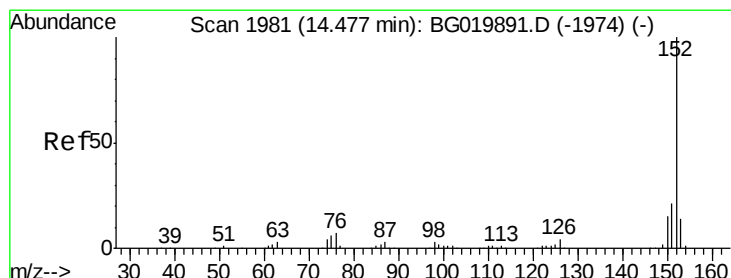
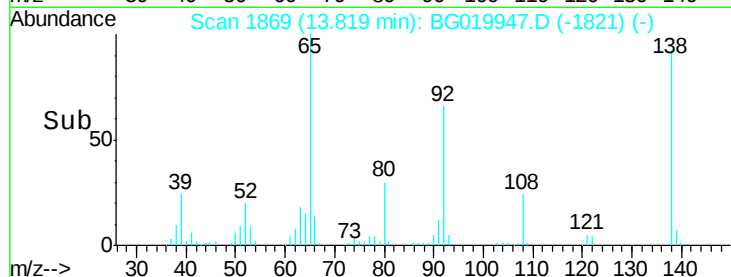
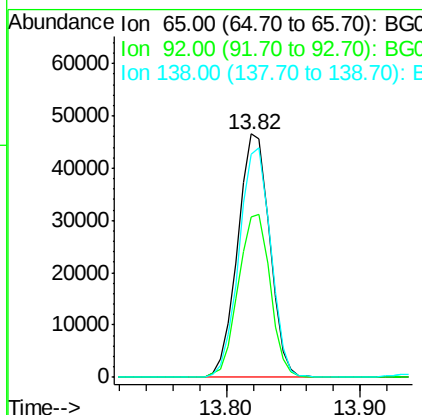
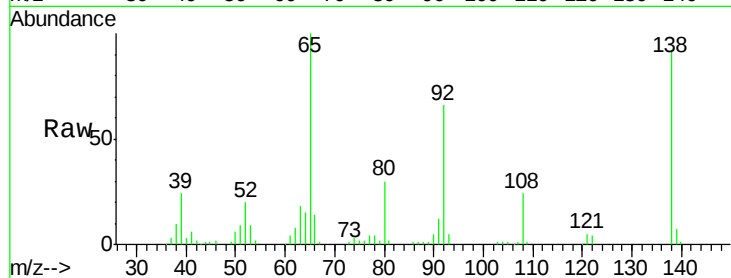




#47
2-Nitroaniline
Concen: 23.79 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

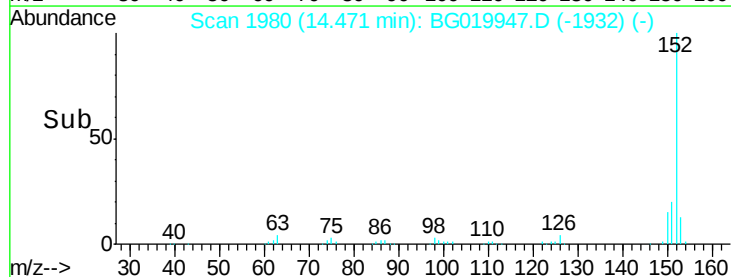
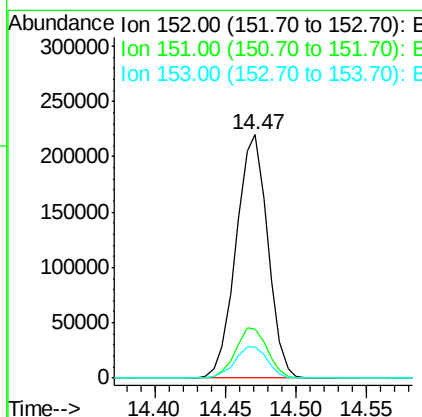
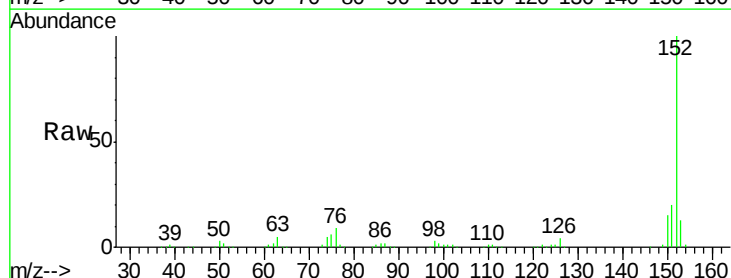
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

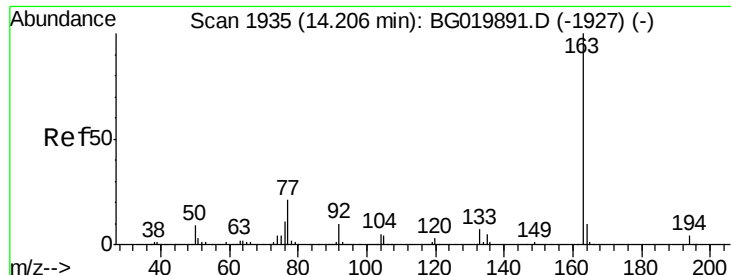
Tgt Ion: 65 Resp: 77035
Ion Ratio Lower Upper
65 100
92 65.8 54.8 82.2
138 91.9 89.6 134.4



#48
Acenaphthylene
Concen: 19.72 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion: 152 Resp: 344398
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.4
153 13.0 10.4 15.6





#49

Dimethylphthalate

Concen: 19.53 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

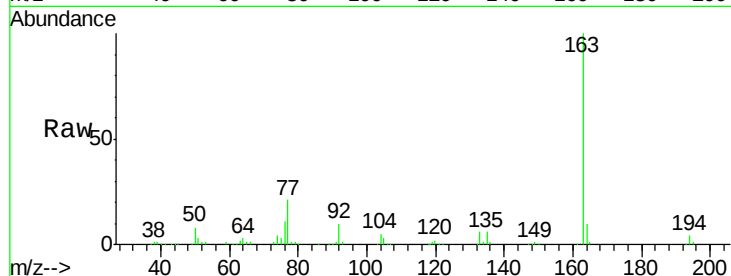
Tgt Ion:163 Resp: 284786

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

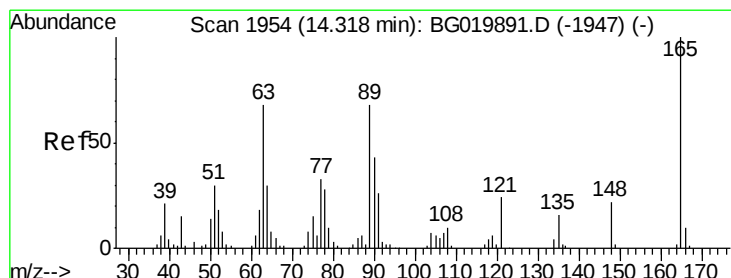
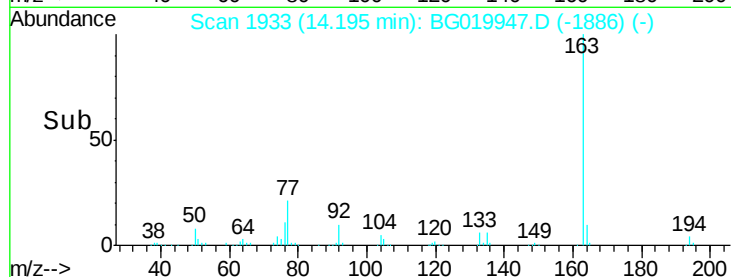
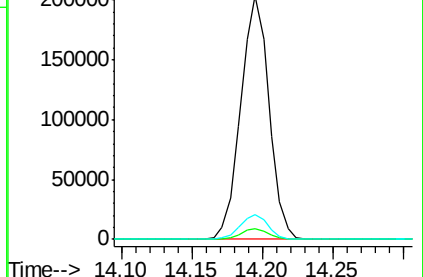
164 10.1 8.8 13.2



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: 22.68 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

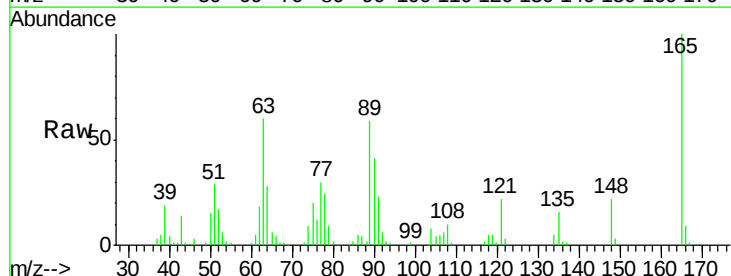
Tgt Ion:165 Resp: 62183

Ion Ratio Lower Upper

165 100

63 59.8 35.7 53.5#

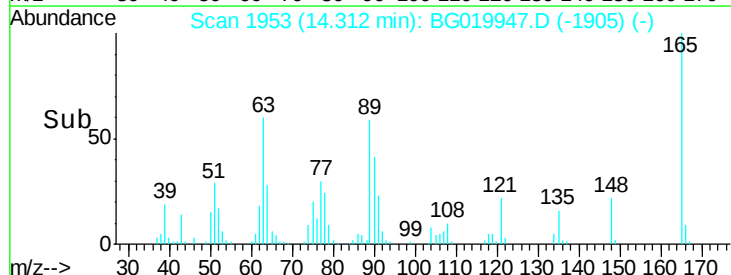
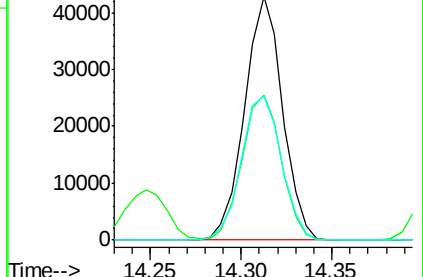
89 58.9 39.7 59.5

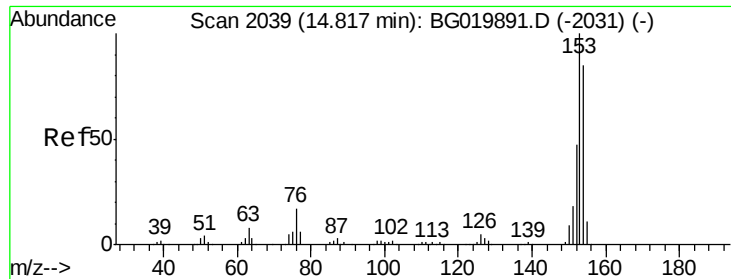


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 22.30 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

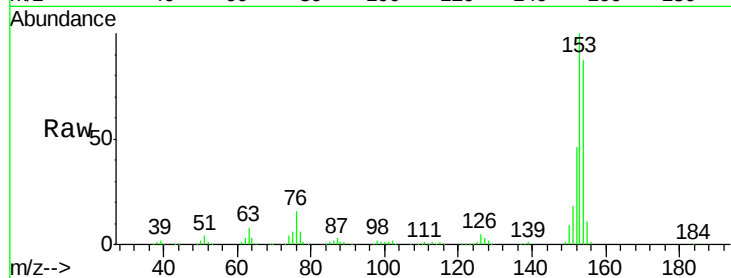
Tgt Ion:154 Resp: 236321

Ion Ratio Lower Upper

154 100

153 115.3 92.9 139.3

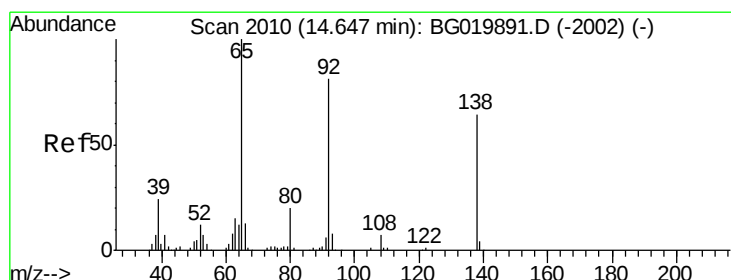
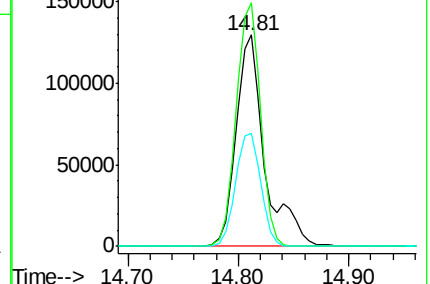
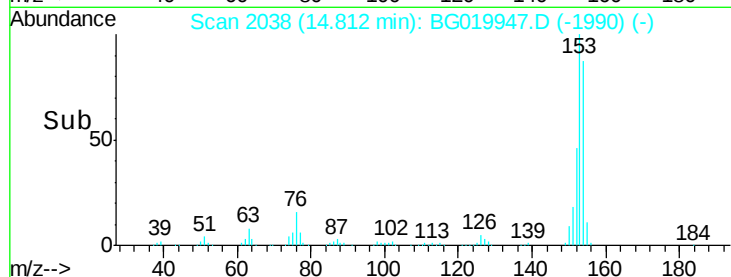
152 53.3 45.8 68.8



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: 14.60 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

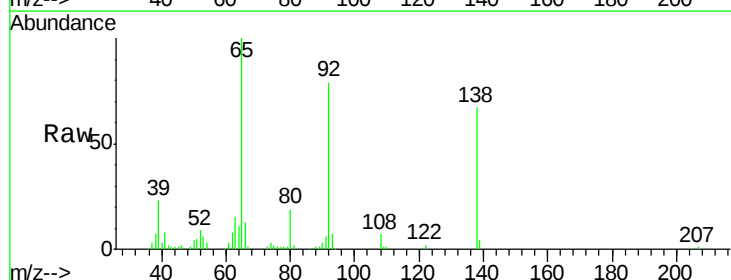
Tgt Ion:138 Resp: 41587

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

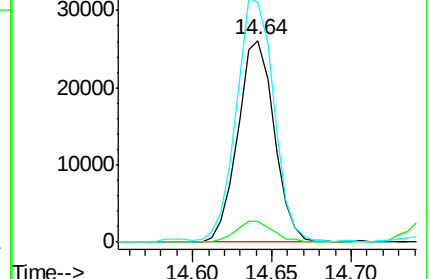
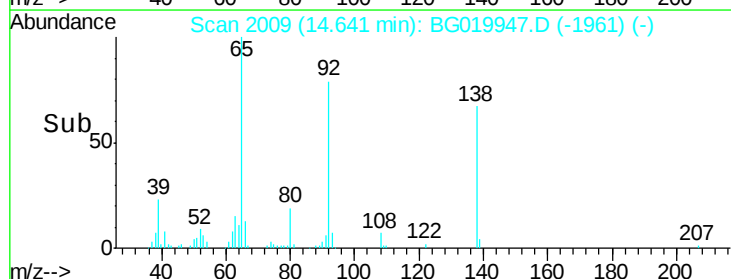
92 119.1 94.2 141.4

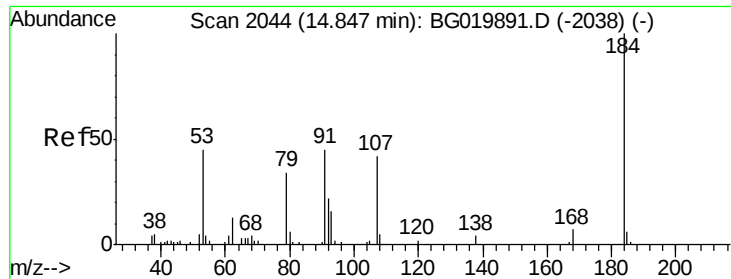


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

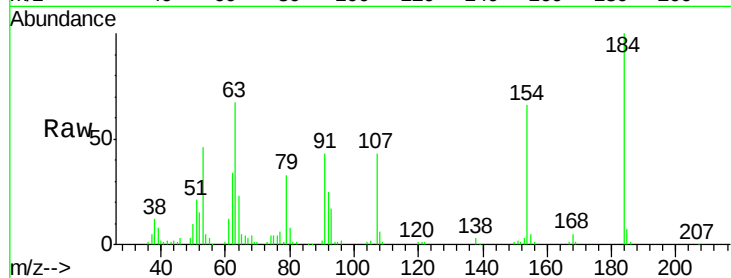




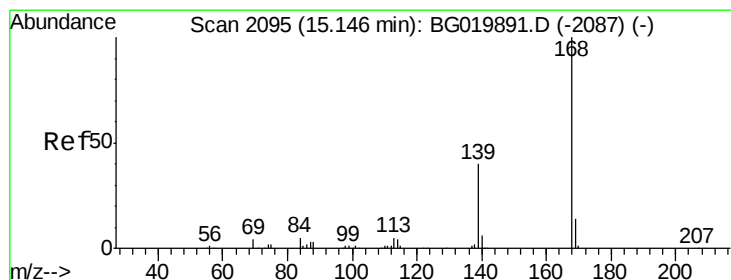
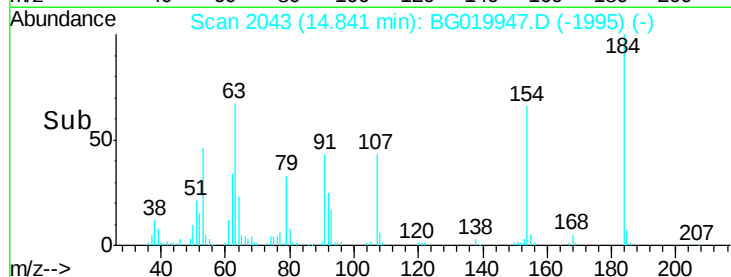
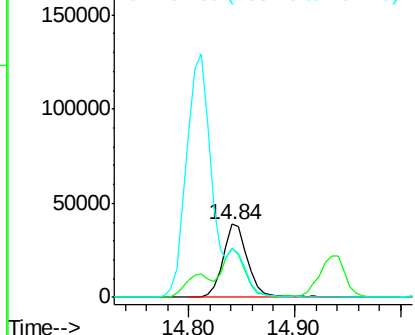
#53
2,4-Dinitrophenol
Concen: 47.54 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:184 Resp: 63150
Ion Ratio Lower Upper
184 100
63 67.1 42.7 64.1#
154 66.4 44.3 66.5

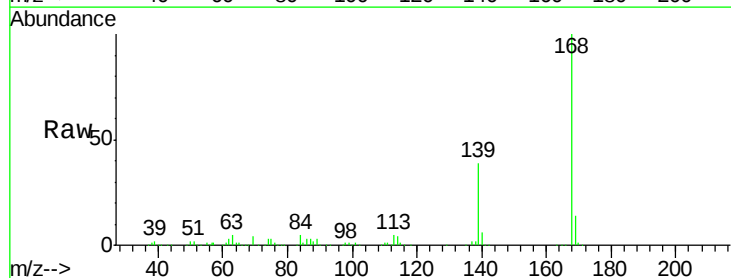


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

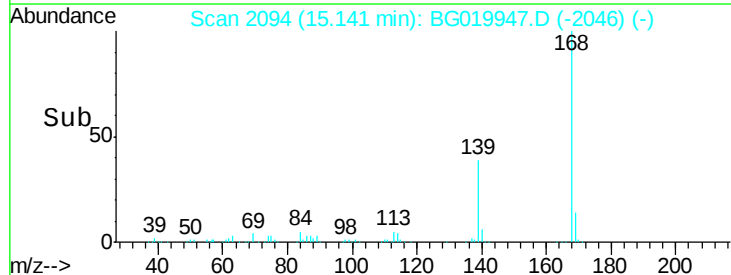
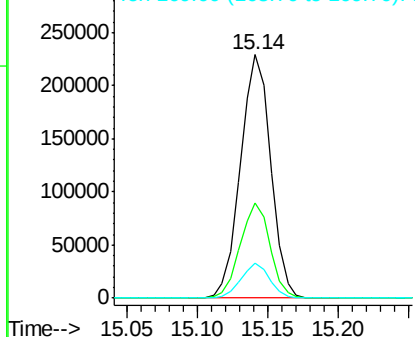


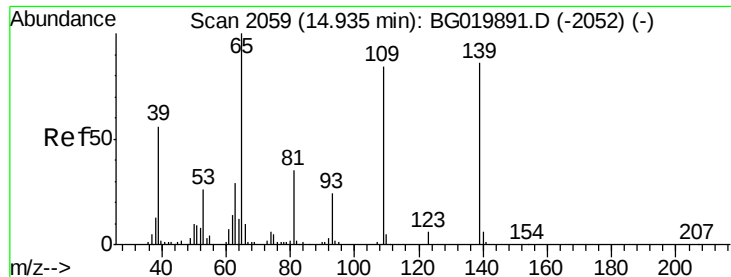
#54
Dibenzofuran
Concen: 21.77 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:168 Resp: 343162
Ion Ratio Lower Upper
168 100
139 39.2 27.4 41.0
169 14.3 11.0 16.4



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: 43.29 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

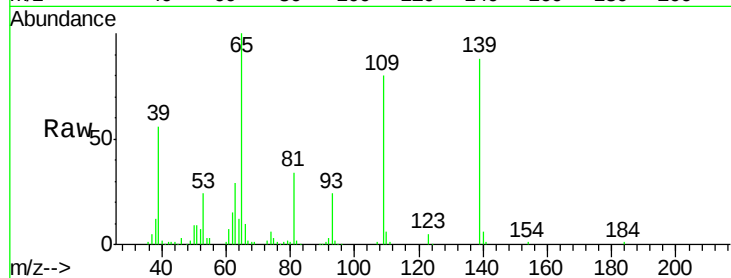
Tgt Ion:139 Resp: 107381

Ion Ratio Lower Upper

139 100

109 90.7 43.2 83.2#

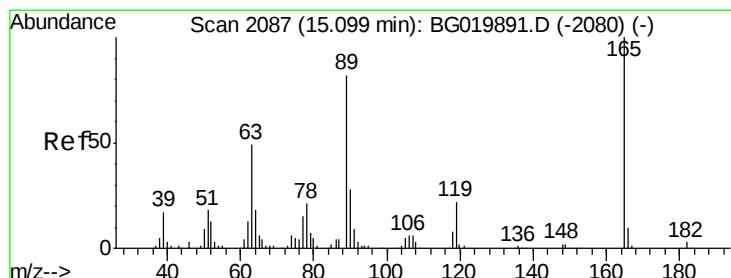
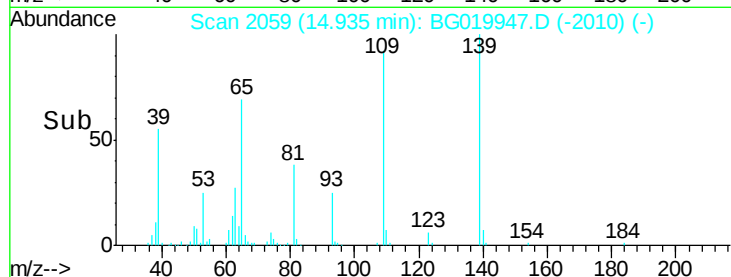
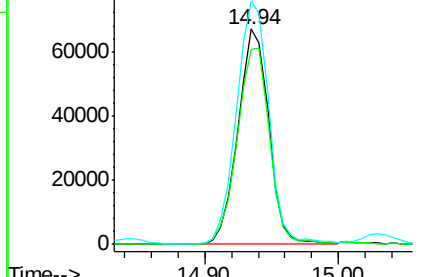
65 113.2 67.8 107.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 23.85 ng

RT: 15.10 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:165 Resp: 91207

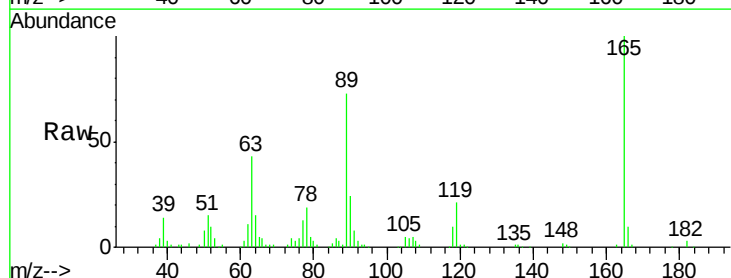
Ion Ratio Lower Upper

165 100

63 43.4 31.0 46.4

89 72.7 54.4 81.6

182 3.1 1.6 2.4#

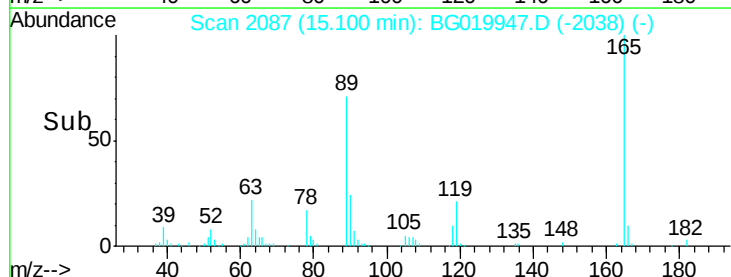
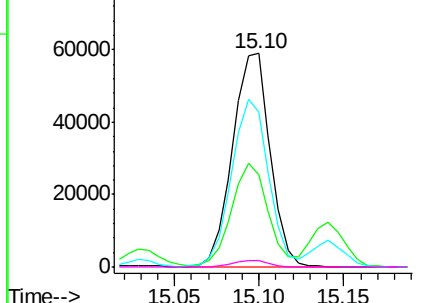


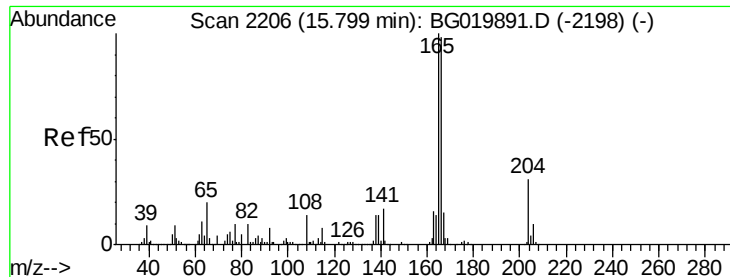
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

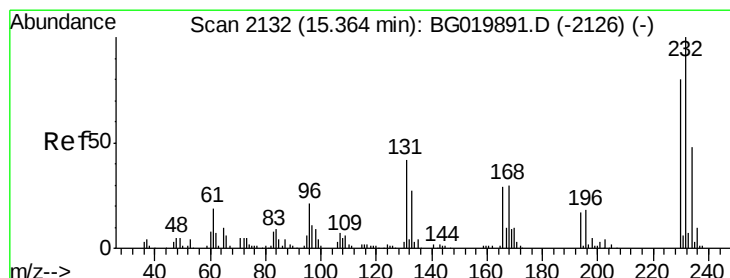
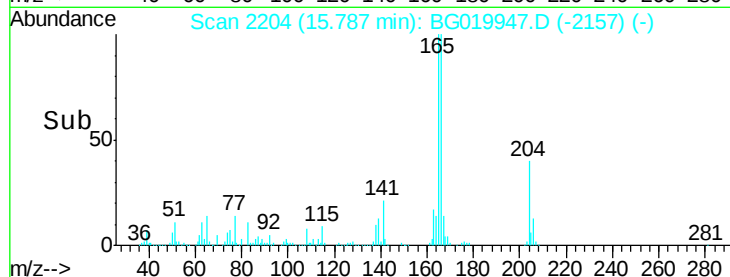
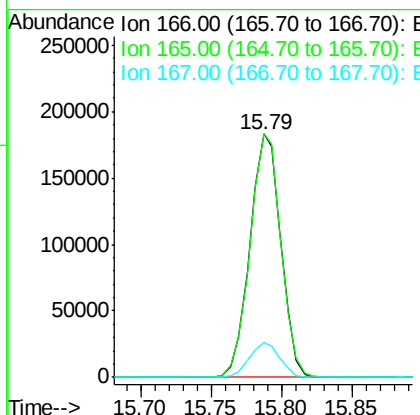
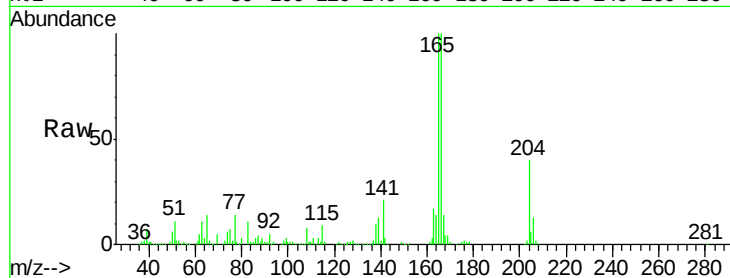




#57
 Fluorene
 Concen: 19.88 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

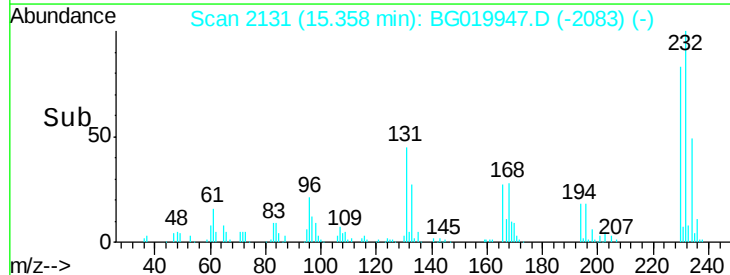
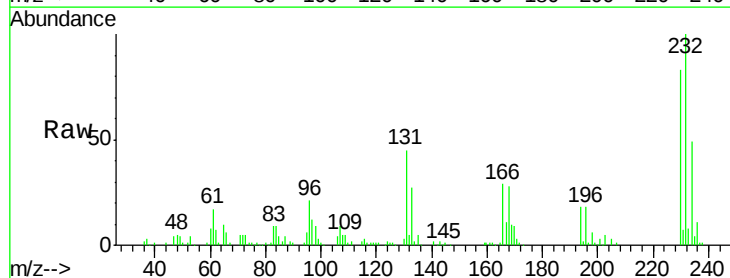
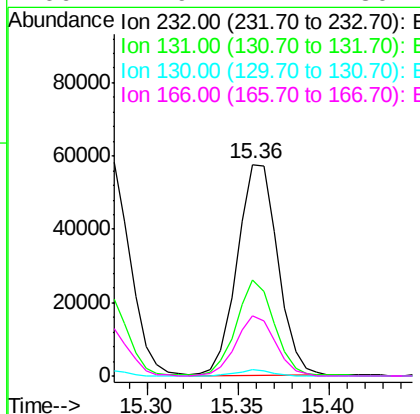
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

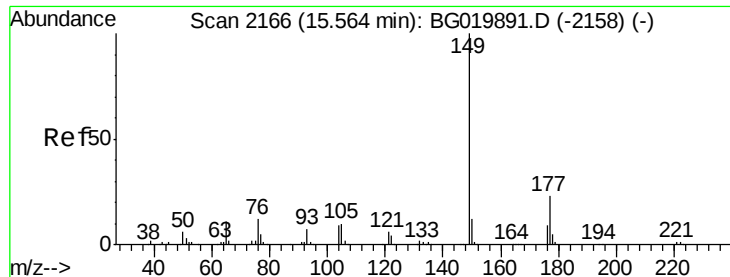
Tgt Ion:166 Resp: 280555
 Ion Ratio Lower Upper
 166 100
 165 100.0 80.0 120.0
 167 14.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.49 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:232 Resp: 89602
 Ion Ratio Lower Upper
 232 100
 131 43.0 33.0 49.6
 130 2.3 2.0 3.0
 166 27.9 24.1 36.1

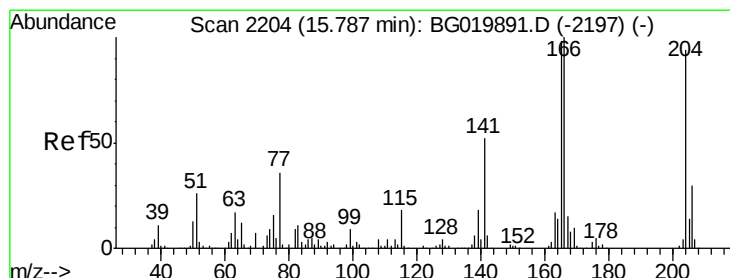
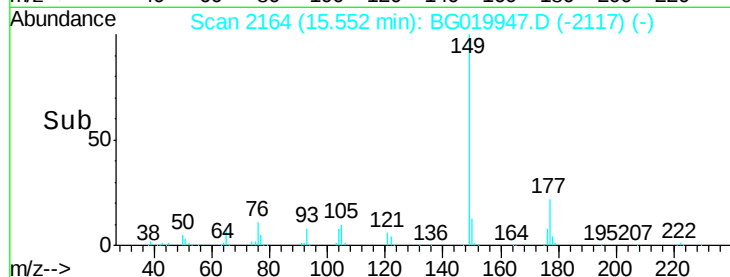
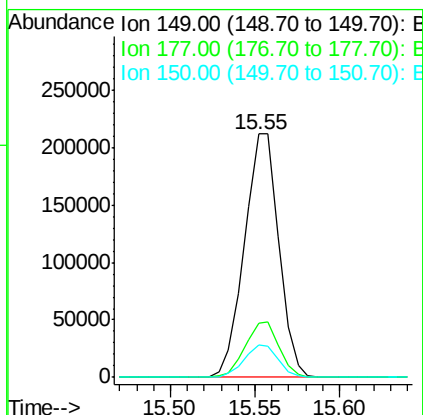
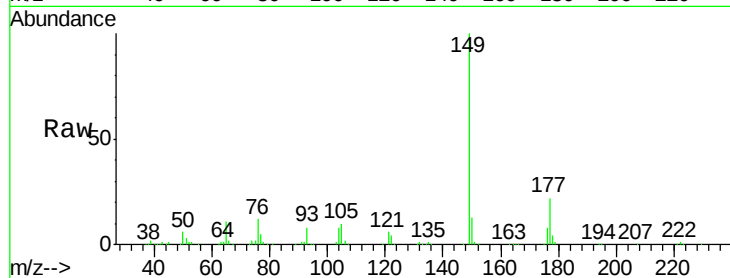




#59
Diethylphthalate
Concen: 19.10 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

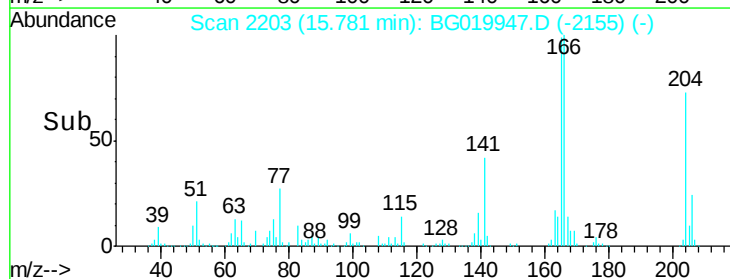
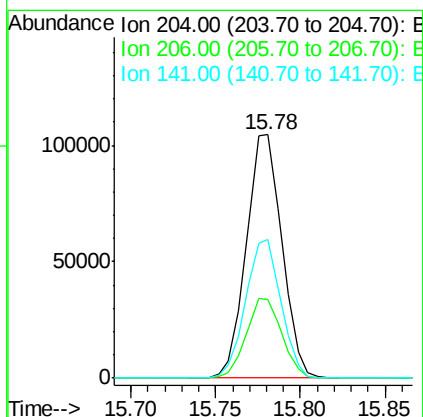
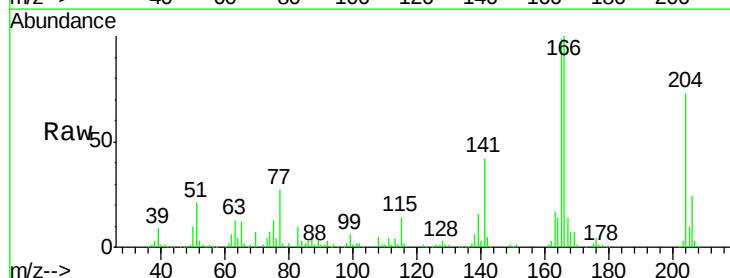
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

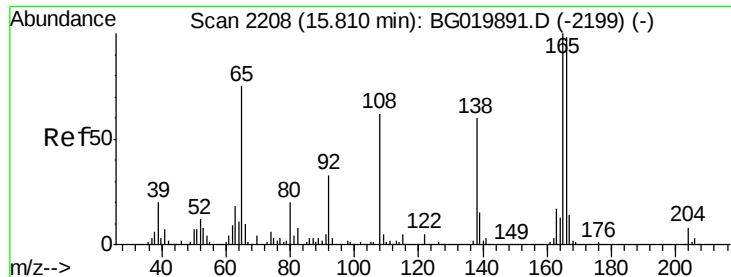
Tgt Ion:149 Resp: 301461
Ion Ratio Lower Upper
149 100
177 22.1 19.6 29.4
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 18.96 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion:204 Resp: 153661
Ion Ratio Lower Upper
204 100
206 32.2 28.3 42.5
141 57.1 44.0 66.0





#61

4-Nitroaniline

Concen: 21.78 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampled :

PB87054BSD

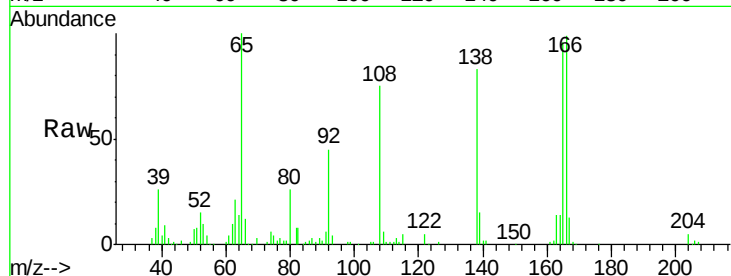
Tgt Ion:138 Resp: 69756

Ion Ratio Lower Upper

138 100

92 54.7 29.1 69.1

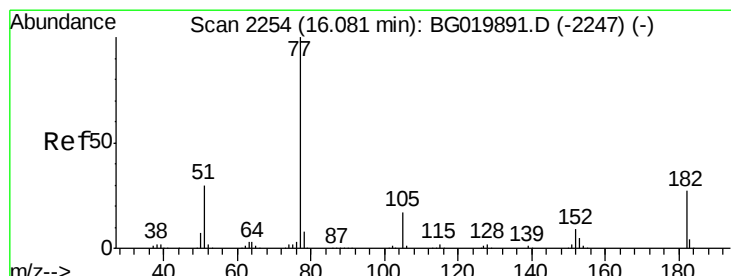
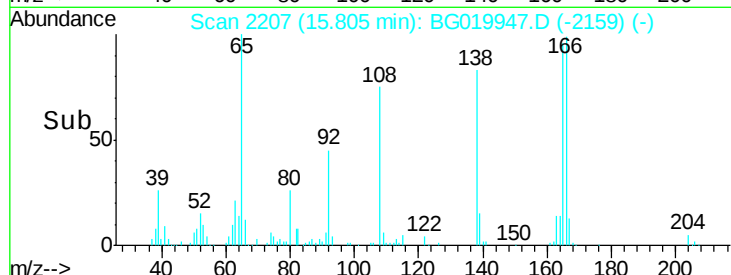
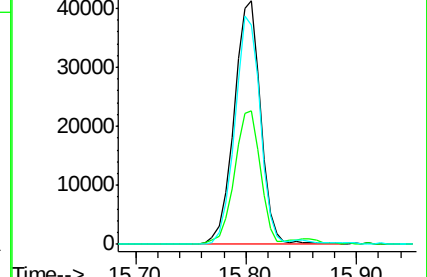
108 90.3 49.8 89.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 21.74 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion: 77 Resp: 285500

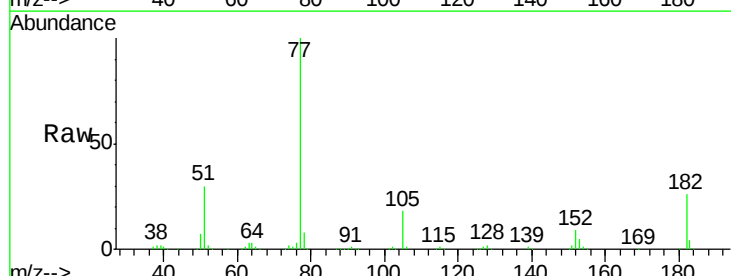
Ion Ratio Lower Upper

77 100

182 25.6 7.0 47.0

105 18.2 1.4 41.4

51 29.7 4.9 44.9

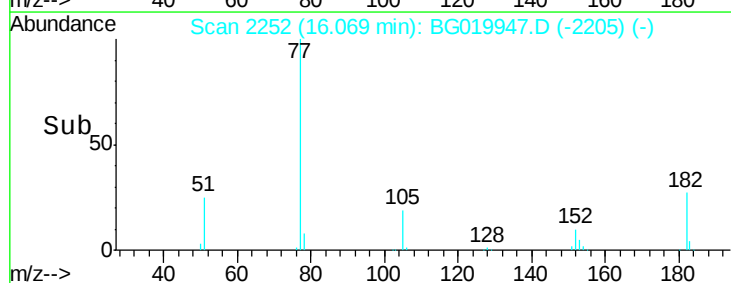
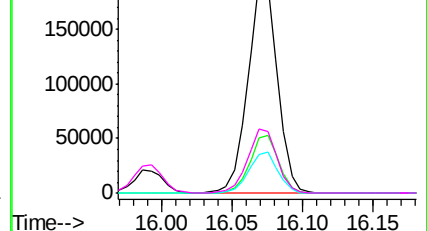


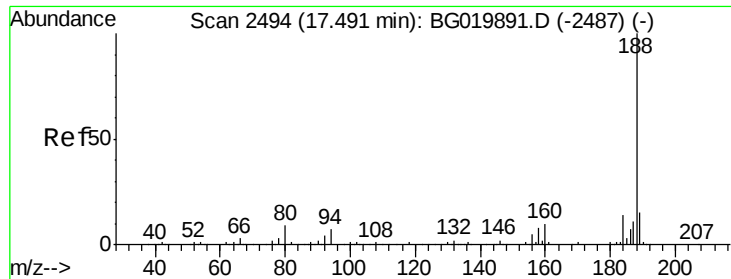
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

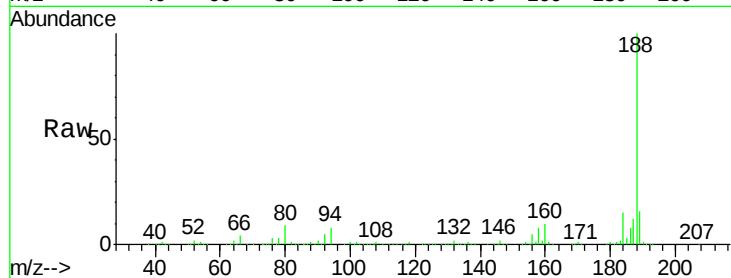




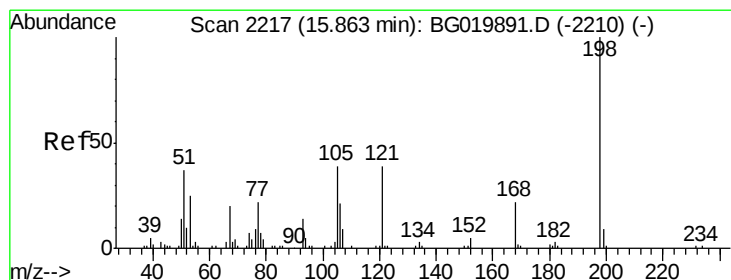
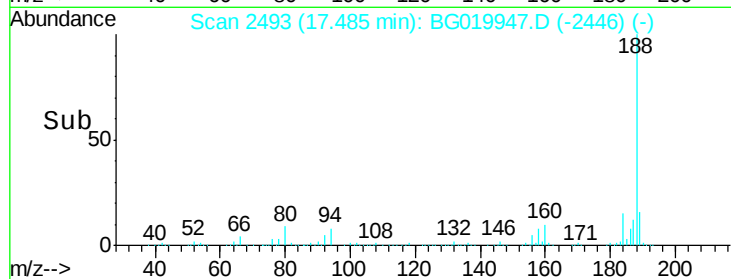
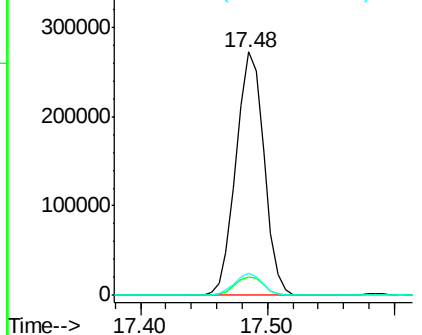
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tgt Ion:188 Resp: 416371
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.7 11.5
 80 9.3 7.8 11.8

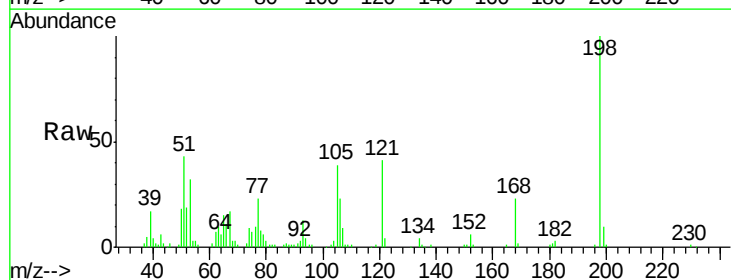


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

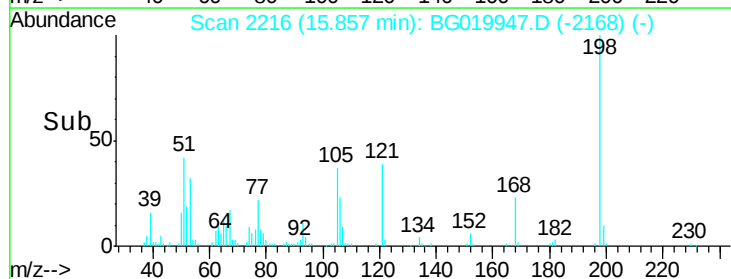
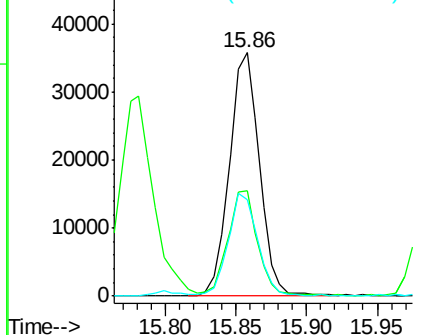


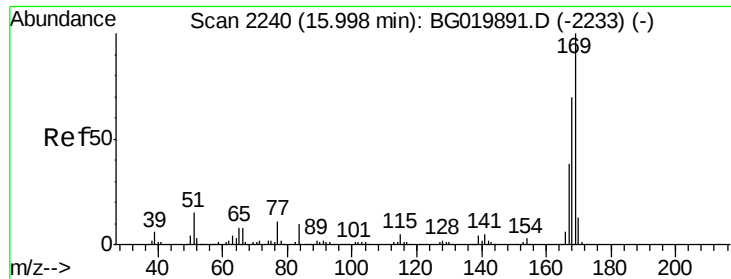
#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.84 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:198 Resp: 52886
 Ion Ratio Lower Upper
 198 100
 51 43.1 14.2 54.2
 105 39.4 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 21.48 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

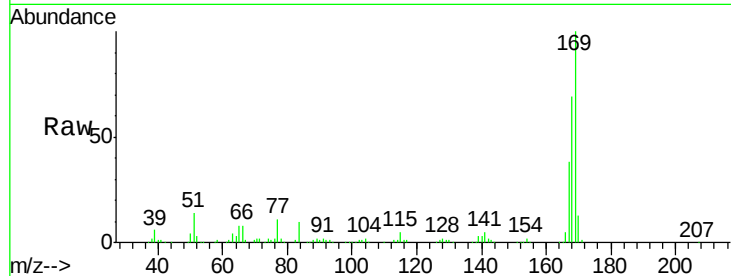
Tgt Ion:169 Resp: 258858

Ion Ratio Lower Upper

169 100

168 68.5 58.2 87.2

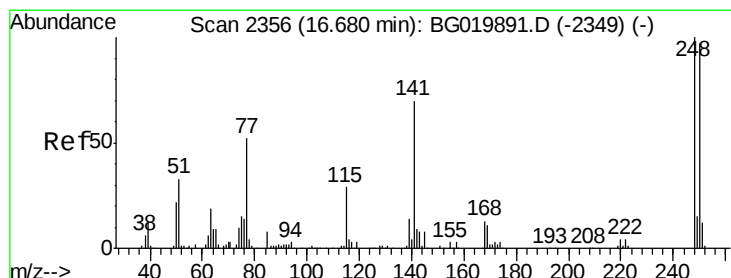
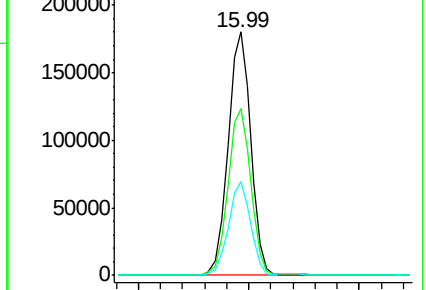
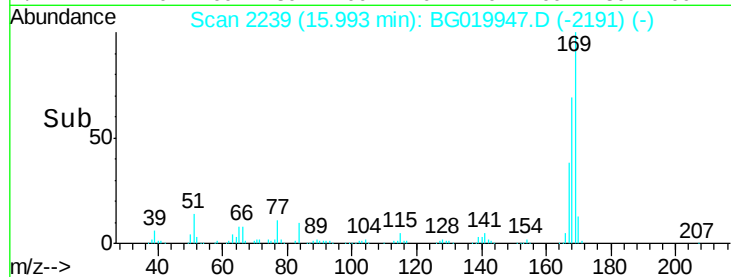
167 38.3 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 19.82 ng

RT: 16.67 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

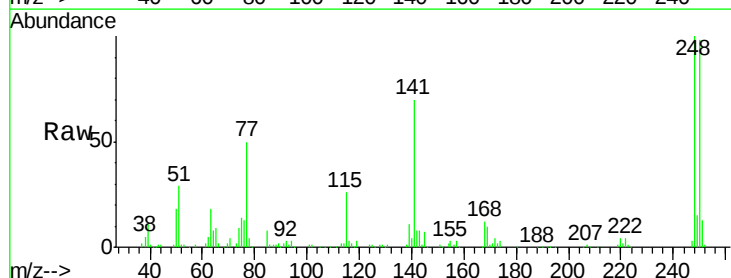
Tgt Ion:248 Resp: 102556

Ion Ratio Lower Upper

248 100

250 98.0 77.8 116.8

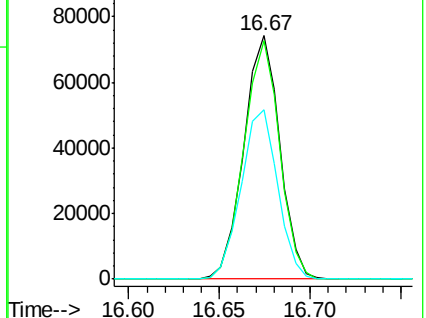
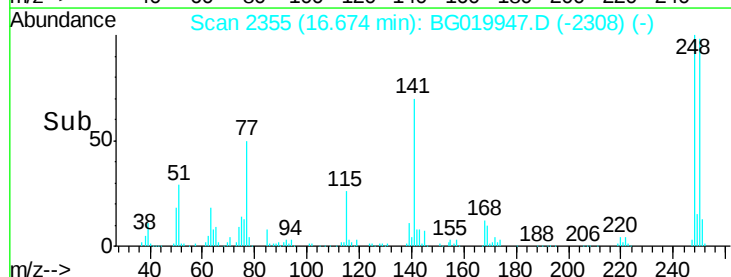
141 69.7 50.4 75.6

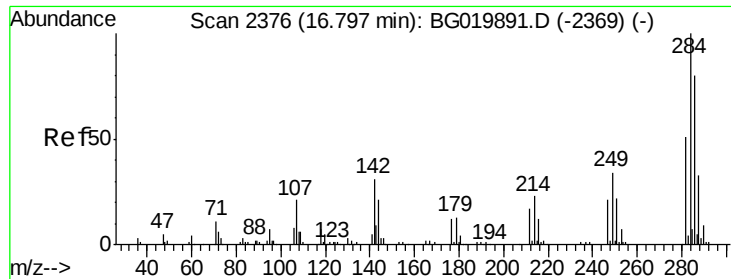


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.15 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

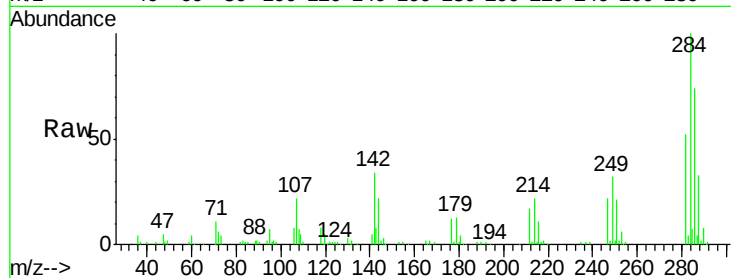
Tgt Ion:284 Resp: 113976

Ion Ratio Lower Upper

284 100

142 33.9 26.6 39.8

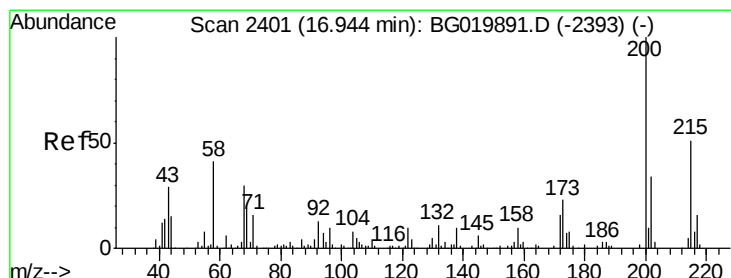
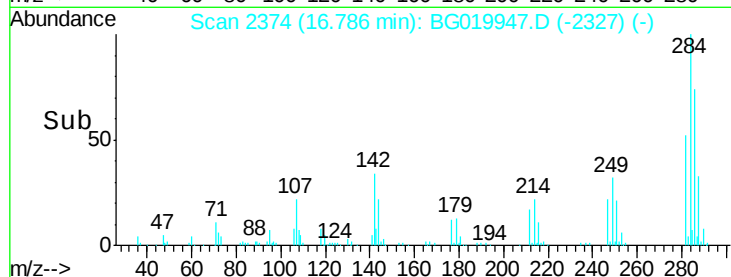
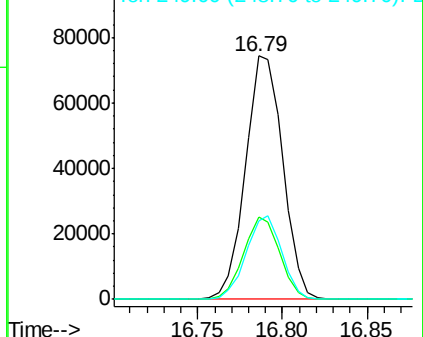
249 32.2 26.2 39.2



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: 20.93 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

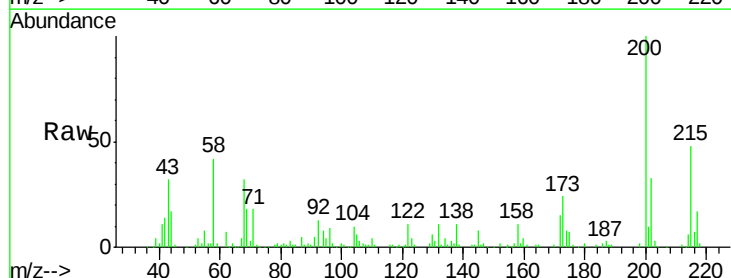
Tgt Ion:200 Resp: 109573

Ion Ratio Lower Upper

200 100

173 24.1 5.2 45.2

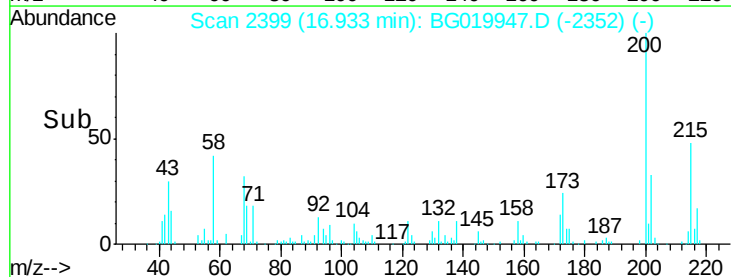
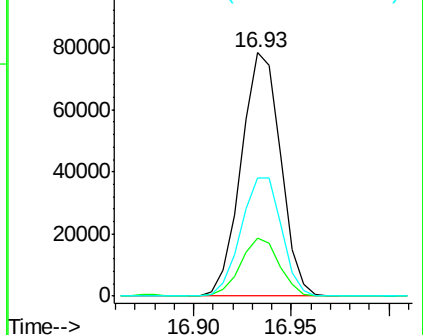
215 48.5 27.0 67.0

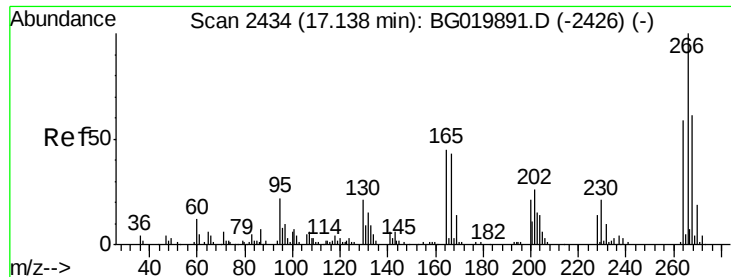


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

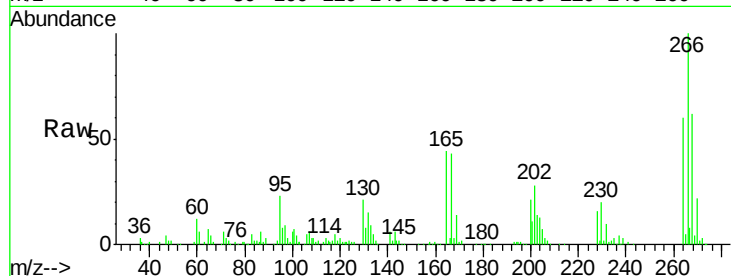




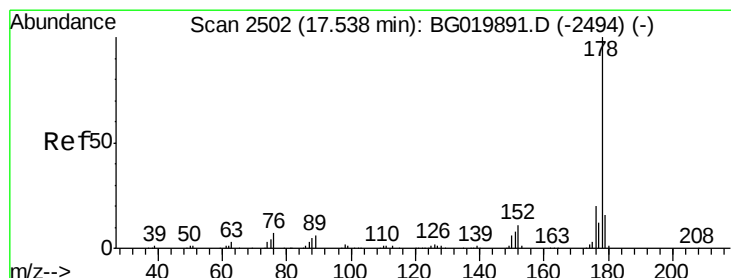
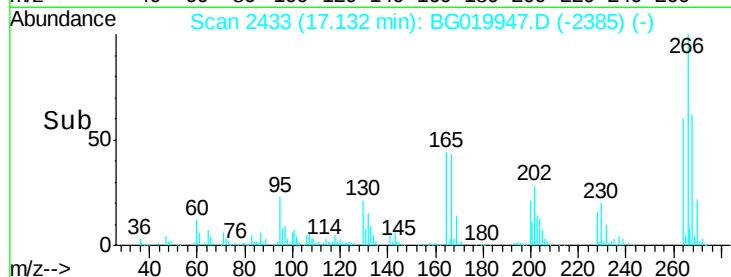
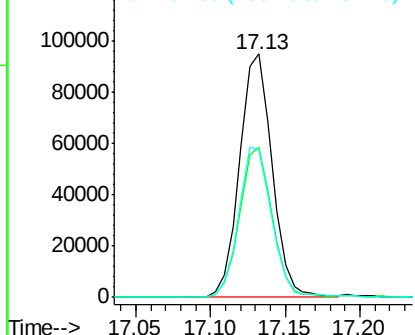
#69
 Pentachlorophenol
 Concen: 45.75 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tgt Ion:266 Resp: 143907
 Ion Ratio Lower Upper
 266 100
 268 61.7 47.6 71.4
 264 60.4 48.1 72.1

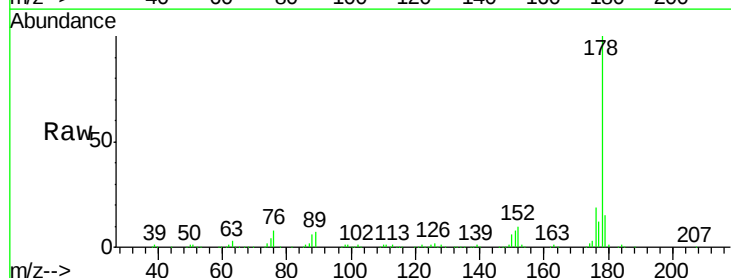


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

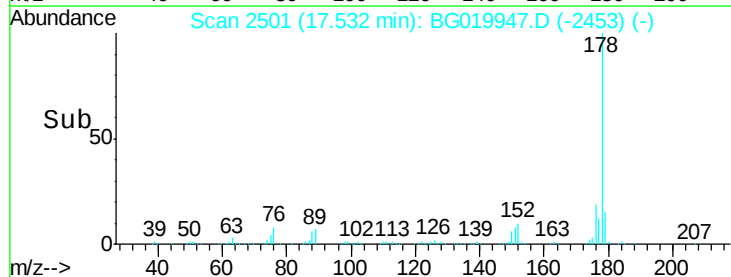
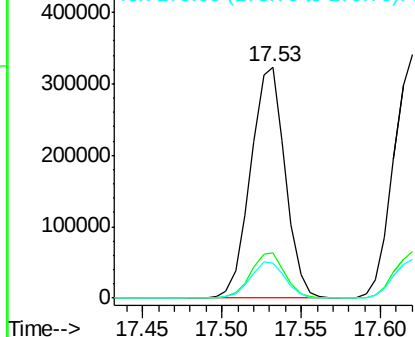


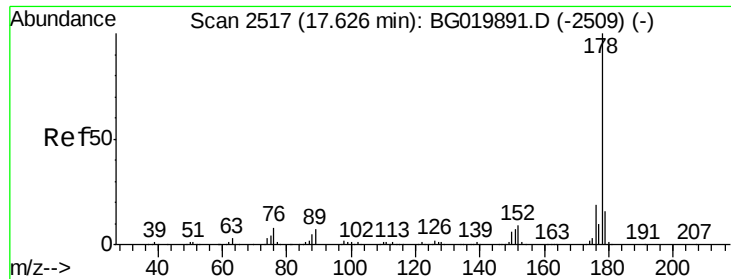
#70
 Phenanthrene
 Concen: 20.76 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:178 Resp: 489061
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.7 25.1
 179 15.4 13.9 20.9



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

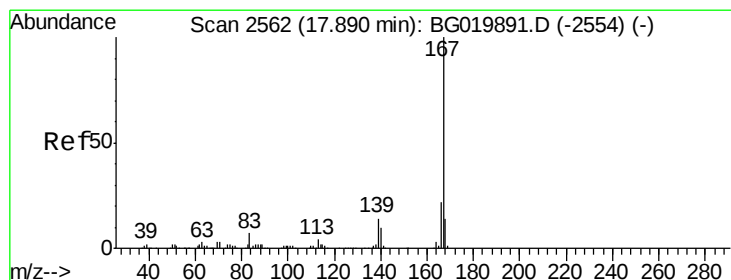
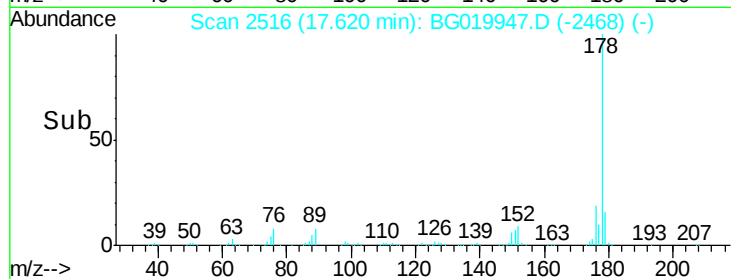
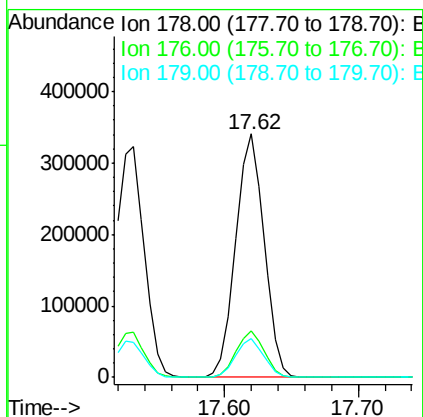
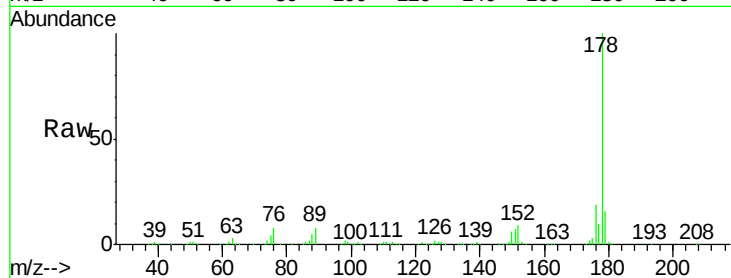




#71
 Anthracene
 Concen: 21.02 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

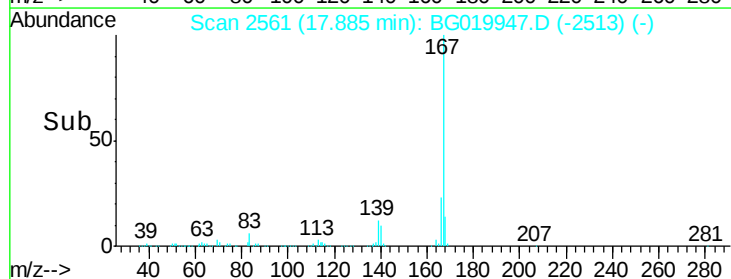
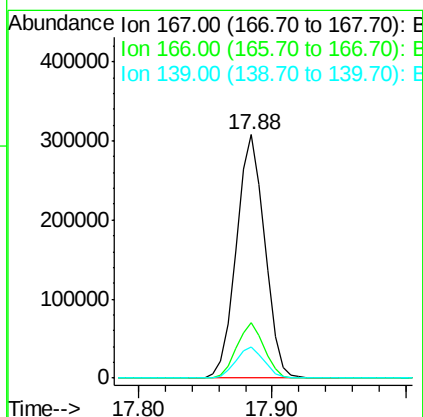
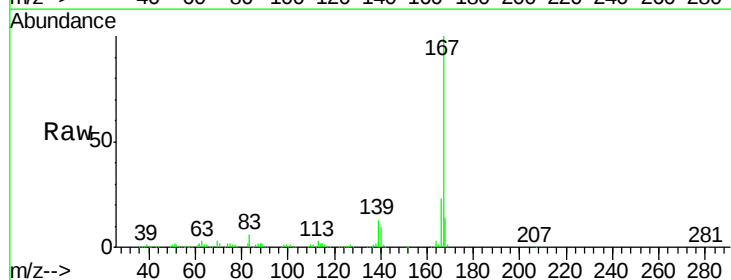
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

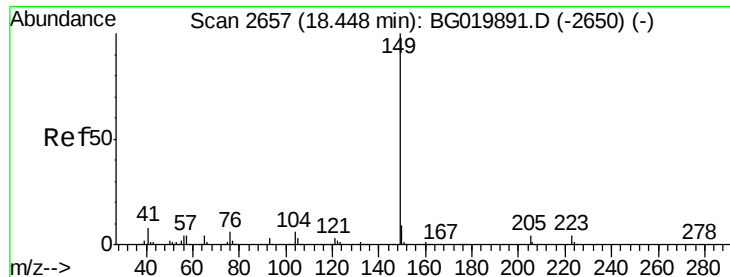
Tgt Ion:178 Resp: 504375
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.8 25.2
 179 15.8 13.9 20.9



#72
 Carbazole
 Concen: 21.44 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:167 Resp: 453233
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.0 28.6
 139 12.8 10.2 15.4





#73

Di-n-butylphthalate

Concen: 20.87 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

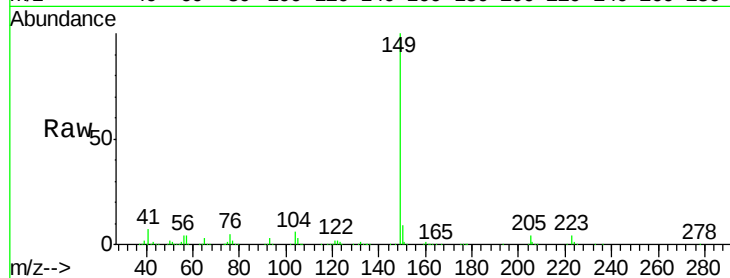
Tgt Ion:149 Resp: 540620

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.4

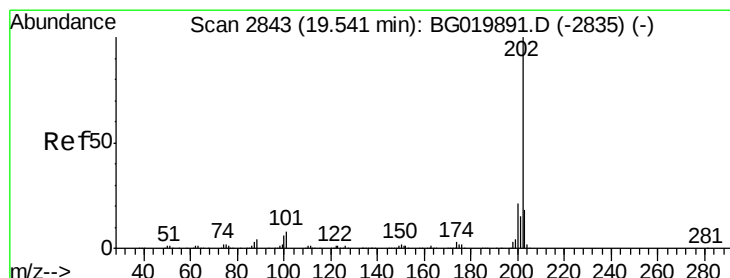
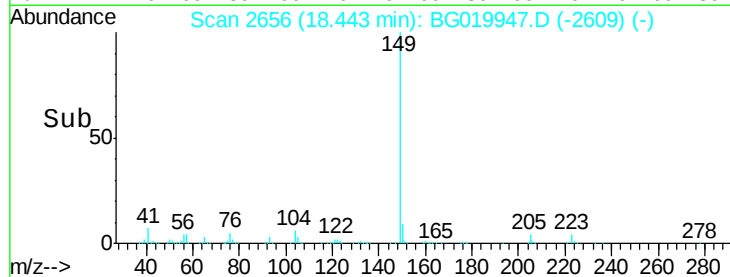
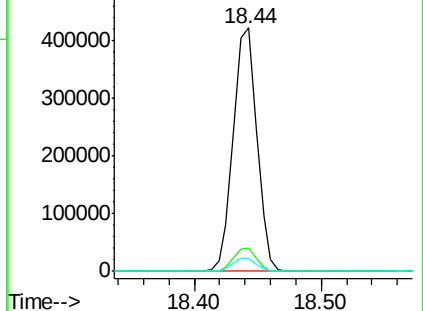
104 5.6 4.4 6.6



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: 20.57 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

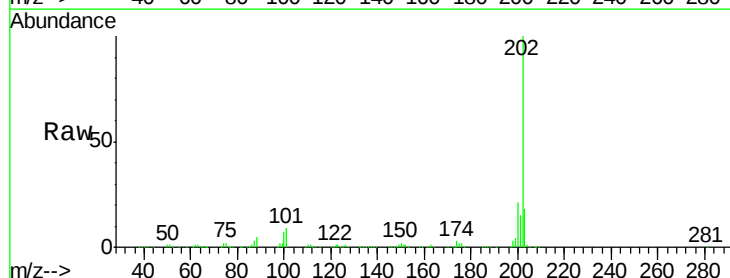
Tgt Ion:202 Resp: 619809

Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.4

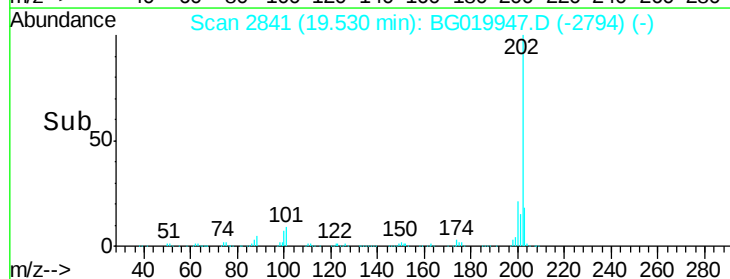
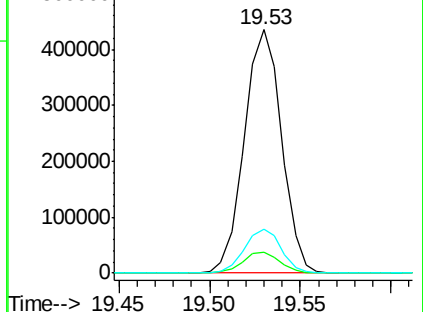
203 18.2 0.0 39.5

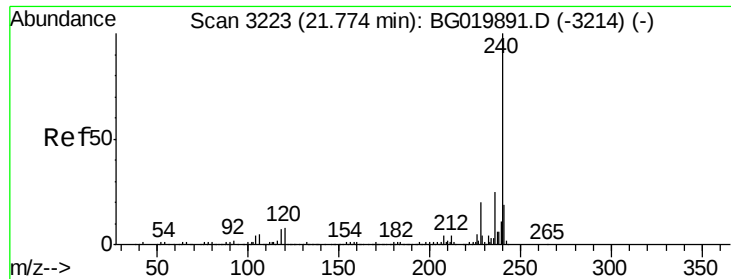


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

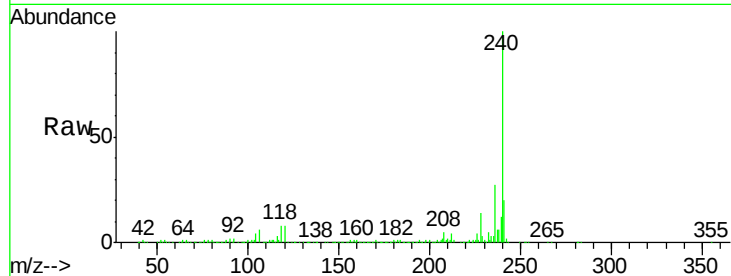
Tgt Ion:240 Resp: 509987

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

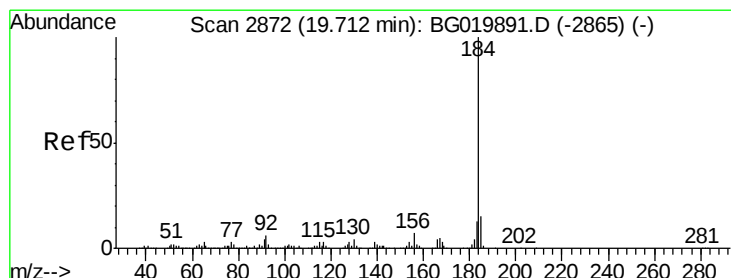
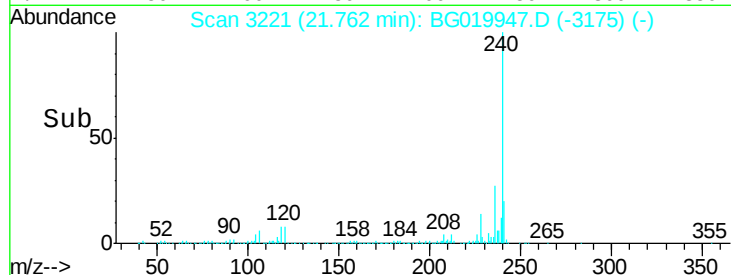
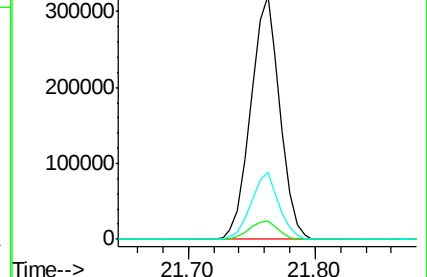
236 27.5 20.7 31.1



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: 7.67 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

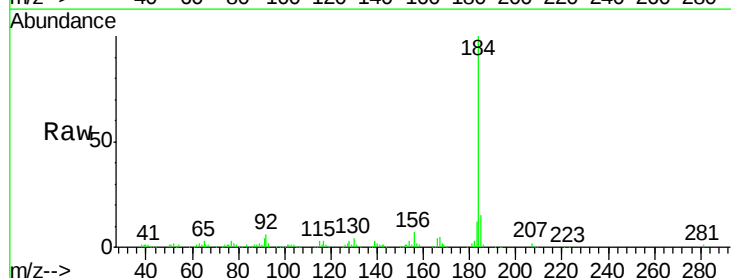
Tgt Ion:184 Resp: 128570

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

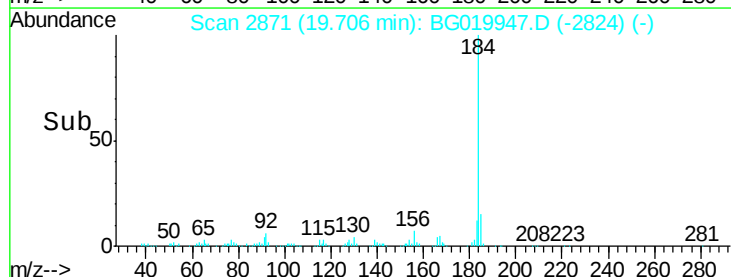
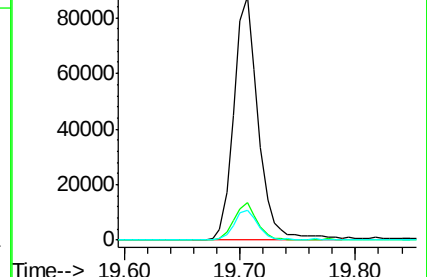
183 12.1 10.1 15.1

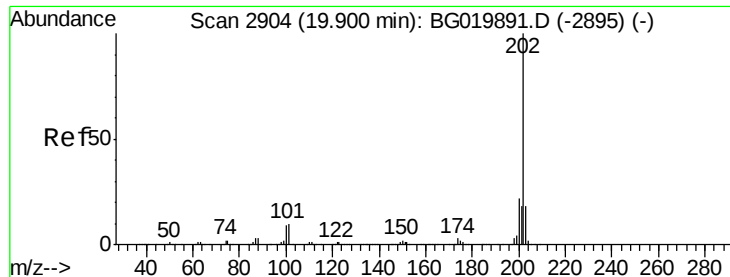


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

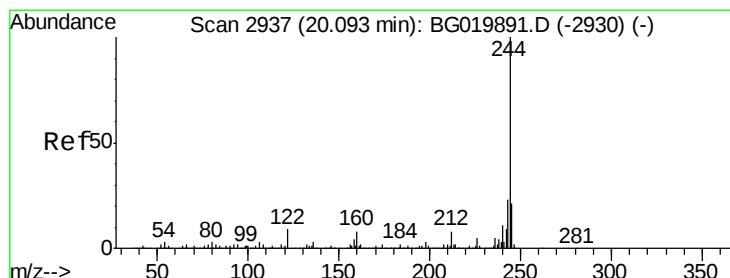
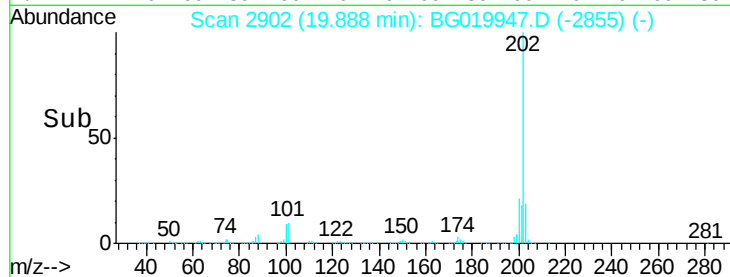
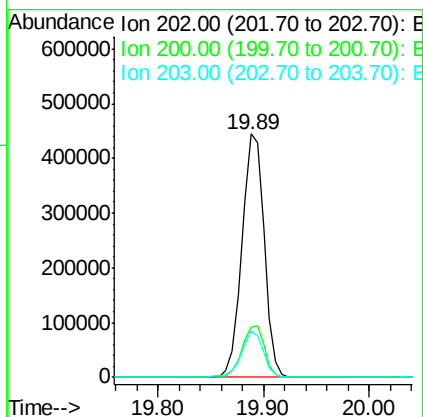
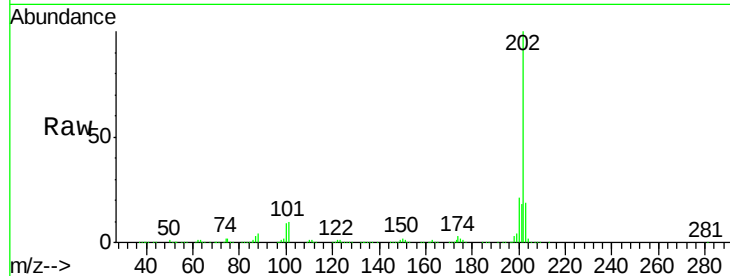




#77
 Pyrene
 Concen: 21.48 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

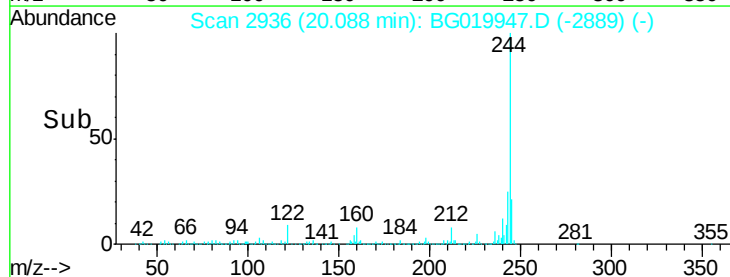
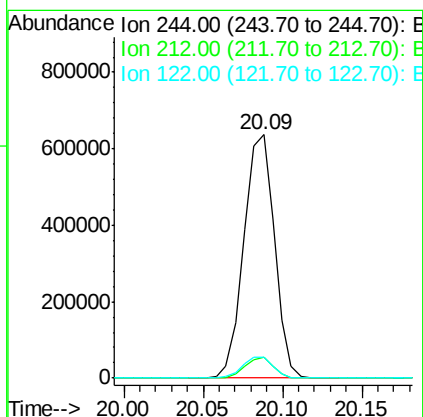
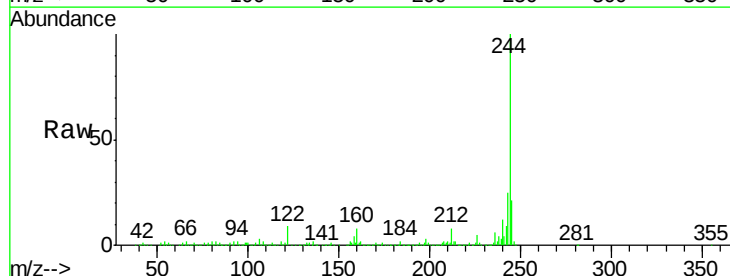
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

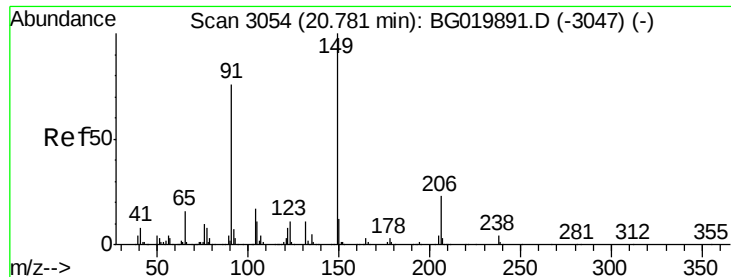
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.4	29.0
203	18.9	15.5	23.3



#78
 Terphenyl-d14
 Concen: 40.94 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.6	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 21.13 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

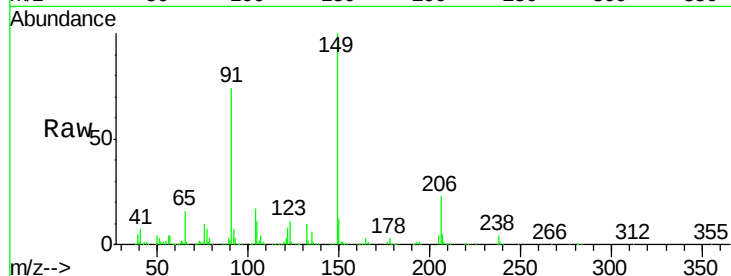
Tgt Ion:149 Resp: 248449

Ion Ratio Lower Upper

149 100

91 74.1 58.1 87.1

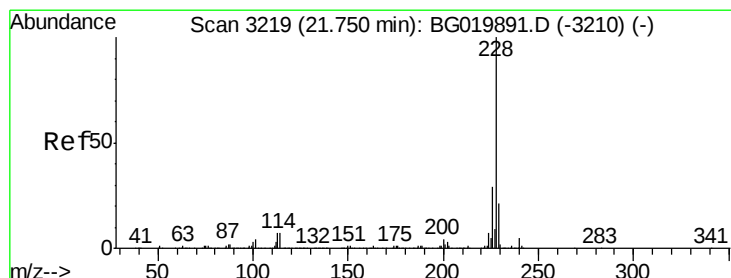
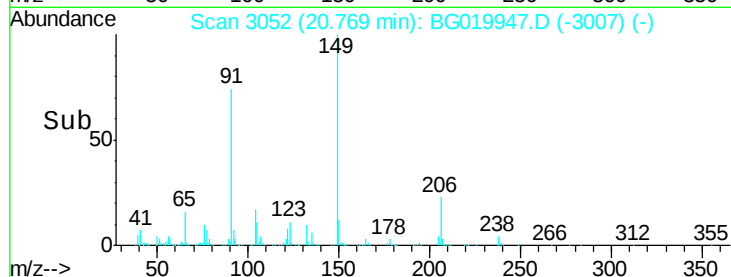
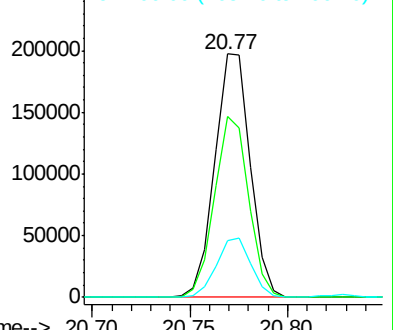
206 23.4 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 20.82 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.03 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

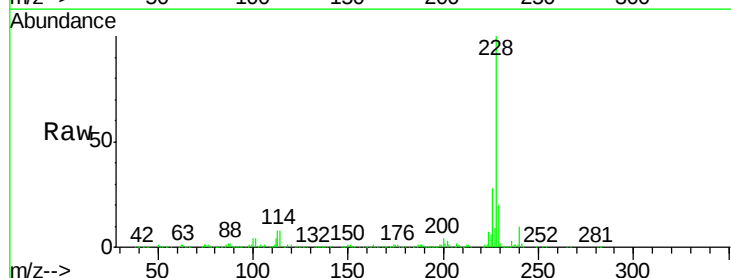
Tgt Ion:228 Resp: 649929

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.0

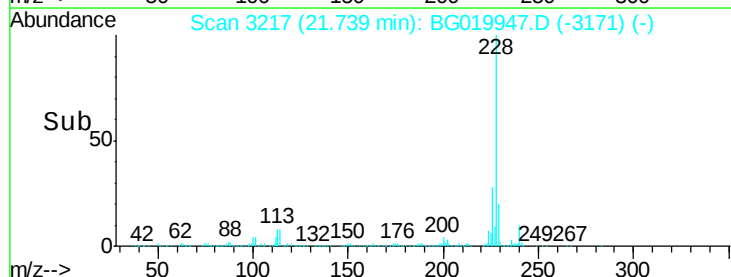
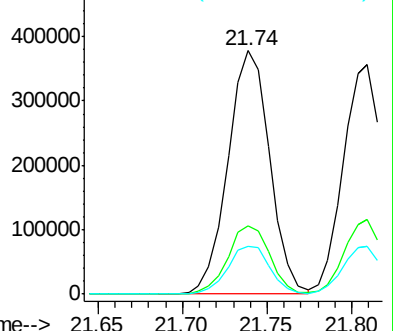
229 19.7 16.6 25.0

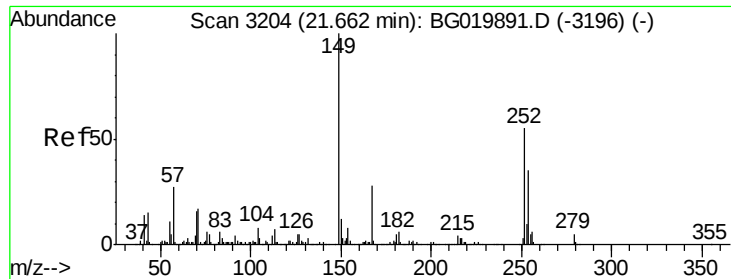


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

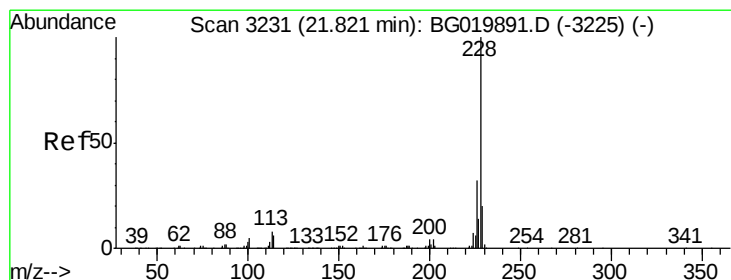
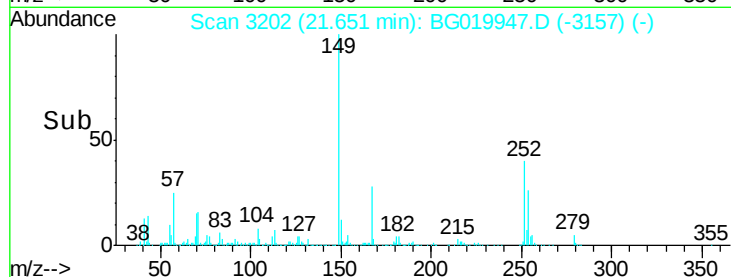
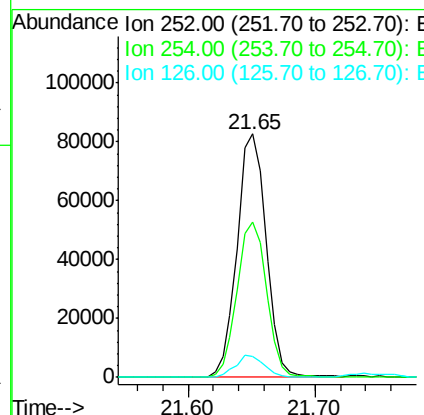
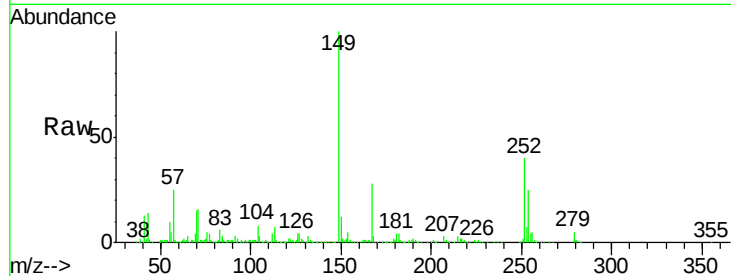




#81
 3,3'-Dichlorobenzidine
 Concen: 11.04 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

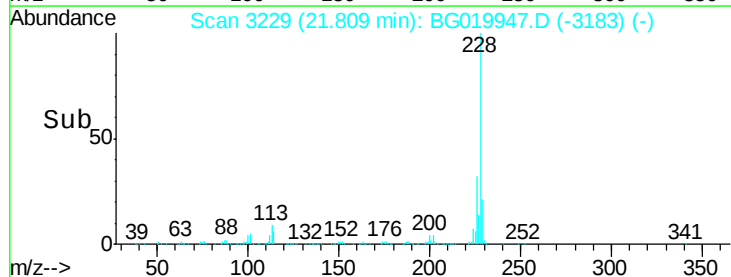
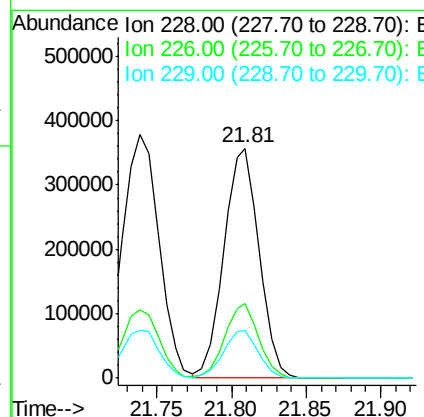
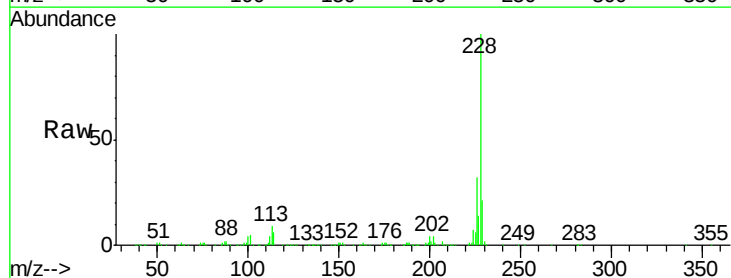
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

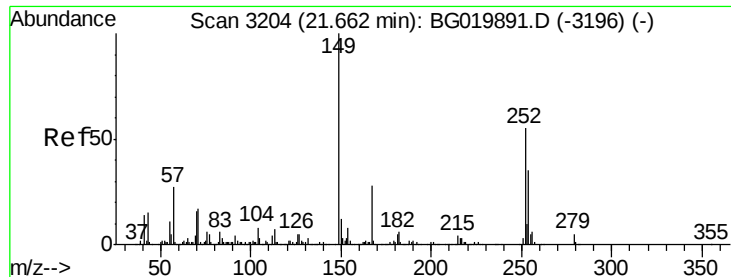
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.5	78.7
126	8.8	8.5	12.7



#82
 Chrysene
 Concen: 19.77 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.7	40.1
229	20.9	17.0	25.6

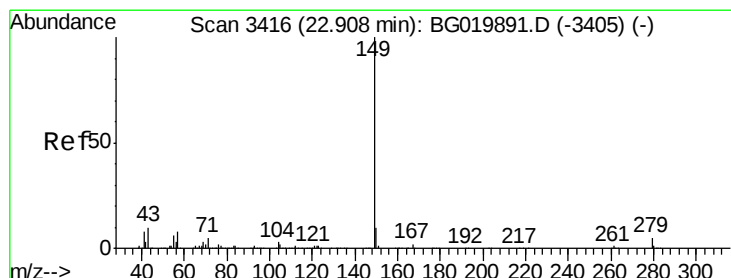
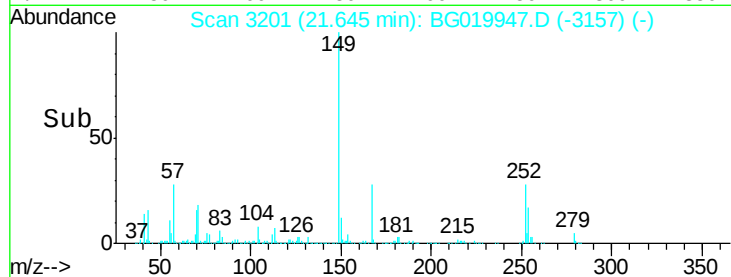
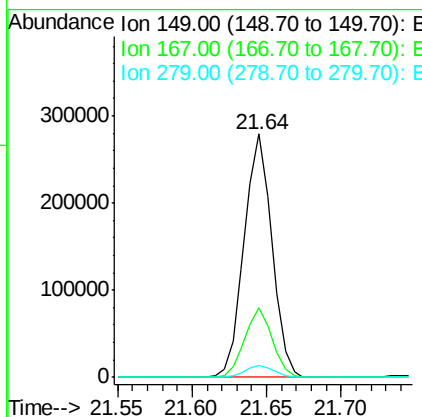
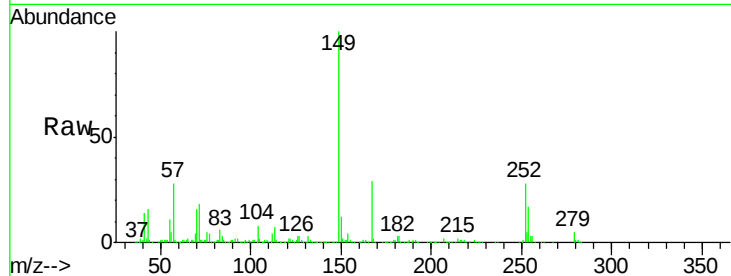




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.86 ng
 RT: 21.64 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

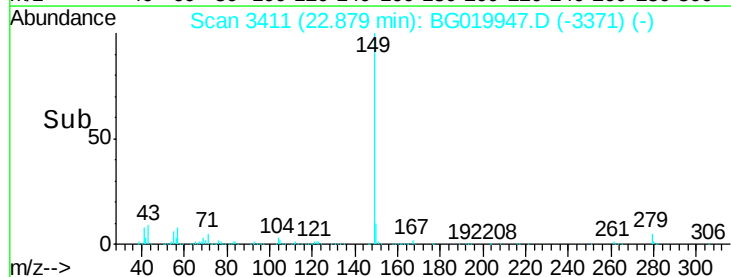
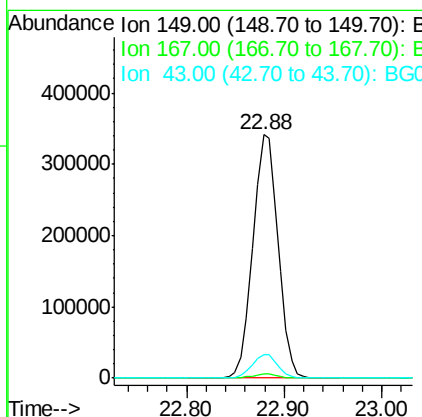
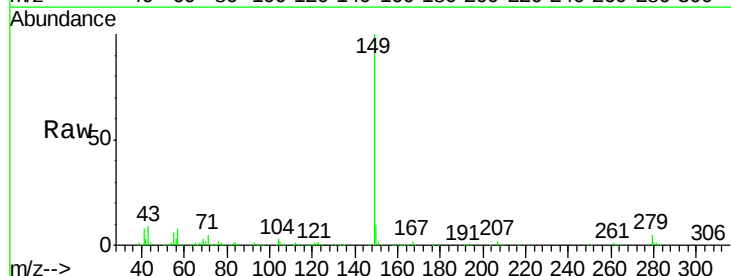
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

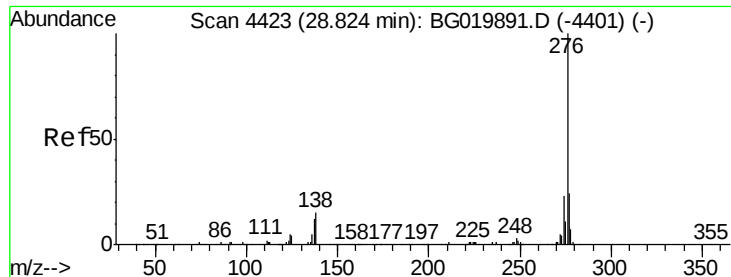
Tgt Ion:149 Resp: 360019
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.8 35.8
 279 4.9 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 22.06 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.07 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:149 Resp: 618988
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.9 5.9 8.9#

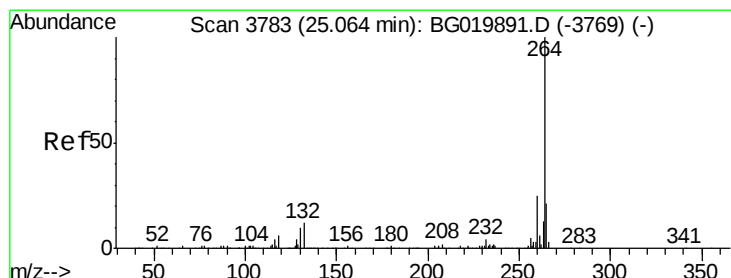
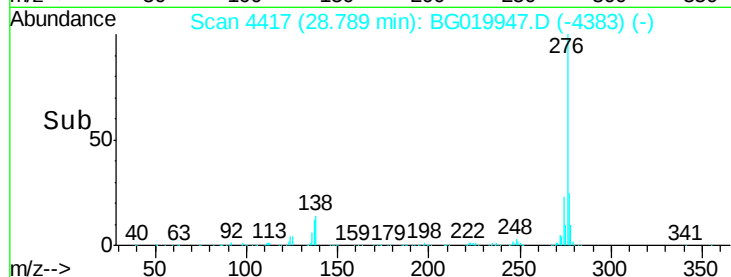
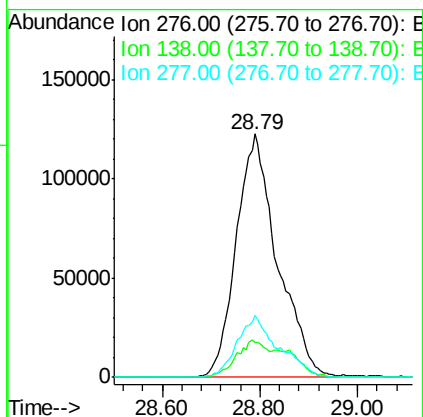
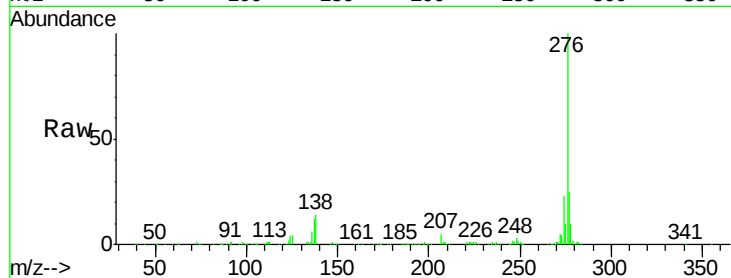




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.98 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

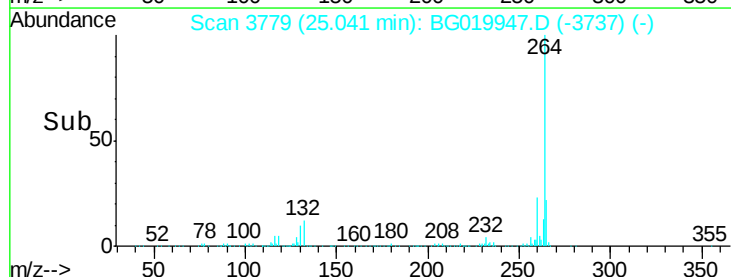
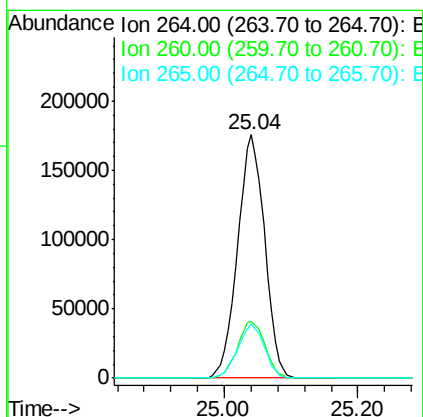
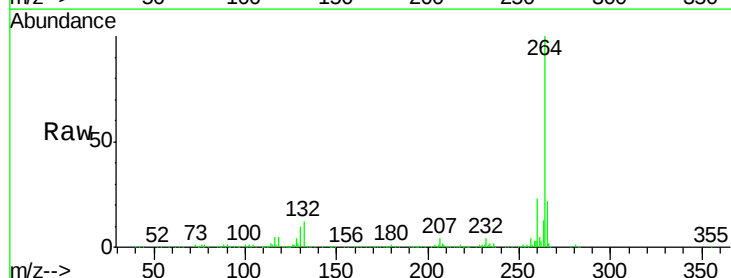
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

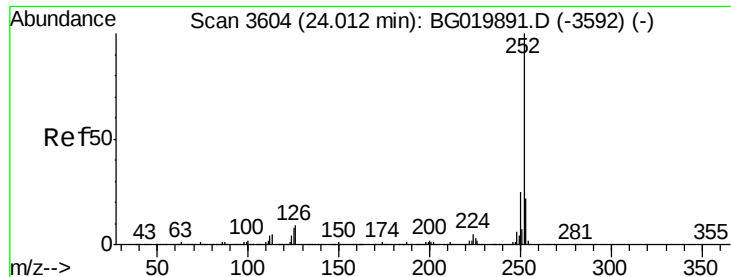
Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 20.40 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

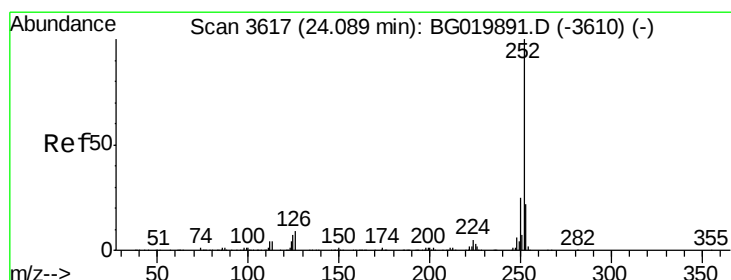
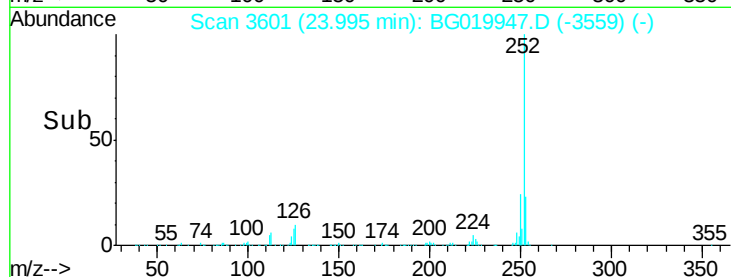
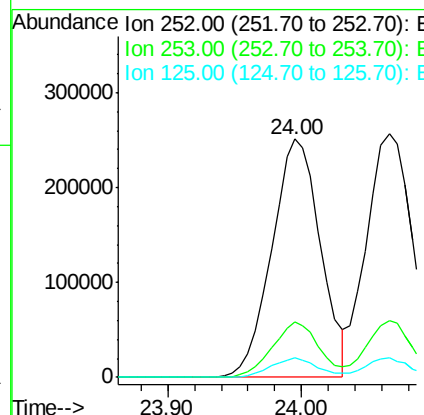
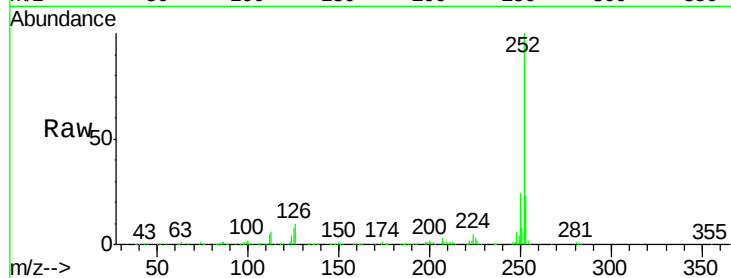
Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tgt Ion:252 Resp: 633954

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	8.2	8.9	13.3#



#88

Benzo(k)fluoranthene

Concen: 19.72 ng

RT: 24.07 min Scan# 3613

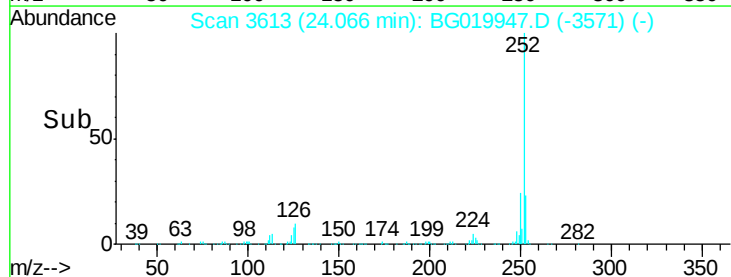
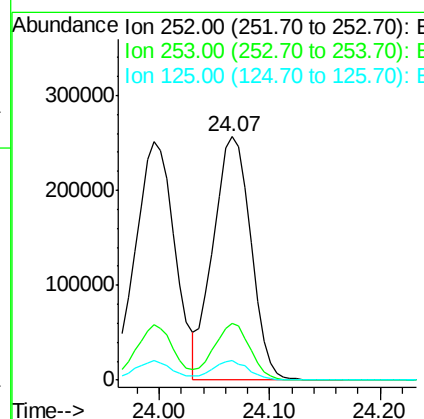
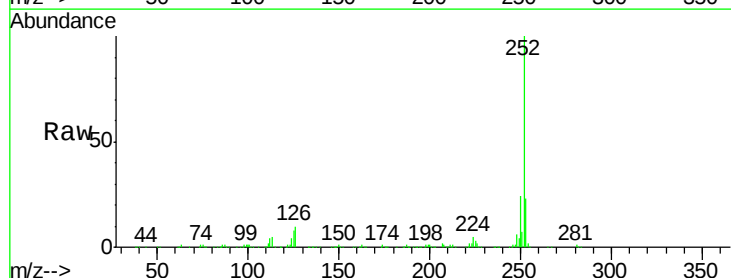
Delta R.T. -0.05 min

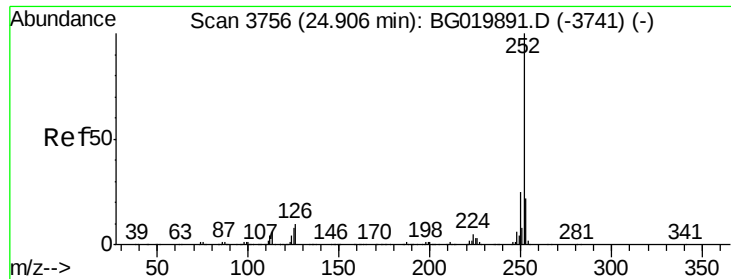
Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:252 Resp: 606824

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 20.45 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

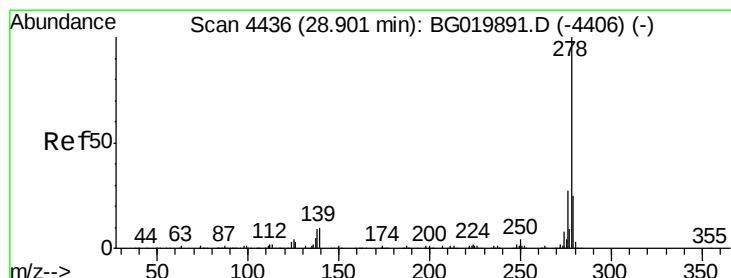
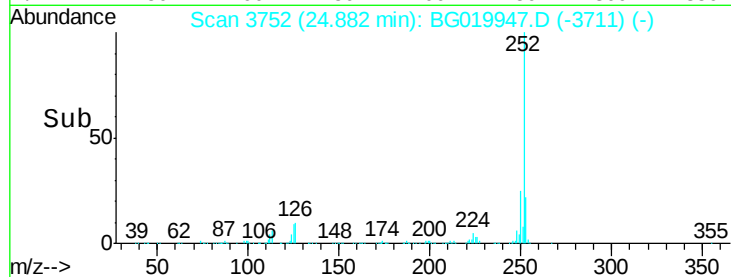
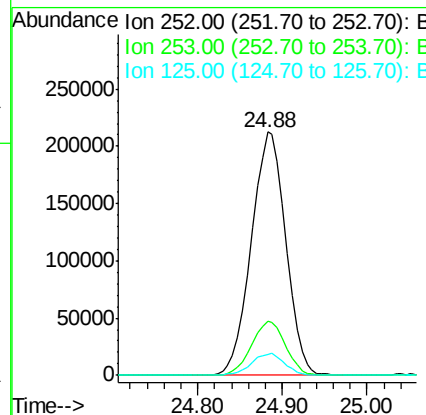
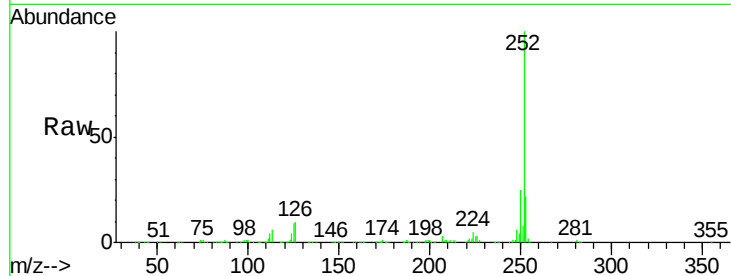
Instrument :

BNA_G

ClientSampleId :

PB87054BSD

Tgt Ion:	252	Resp:	603325
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.5	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 20.35 ng

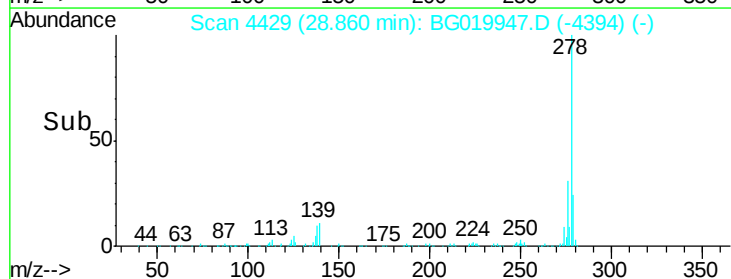
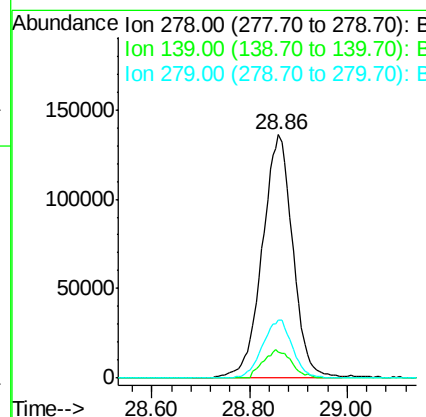
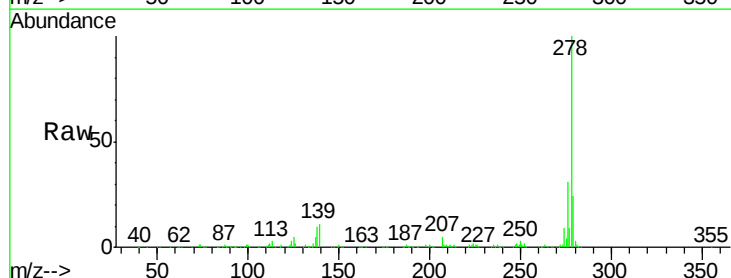
RT: 28.86 min Scan# 4429

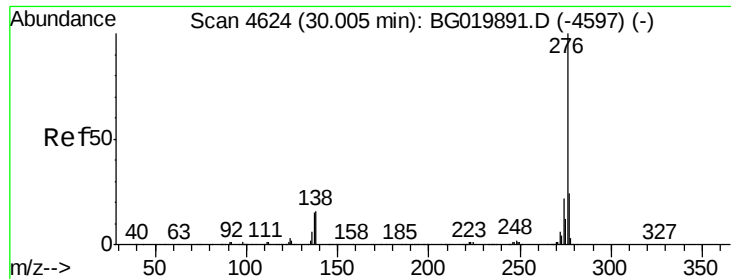
Delta R.T. -0.09 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	278	Resp:	593163
Ion	Ratio	Lower	Upper
278	100		
139	10.5	13.8	20.6#
279	24.0	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 20.53 ng

RT: 29.96 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG019947.D

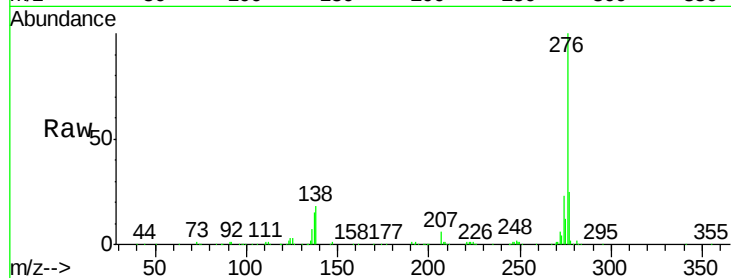
Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD



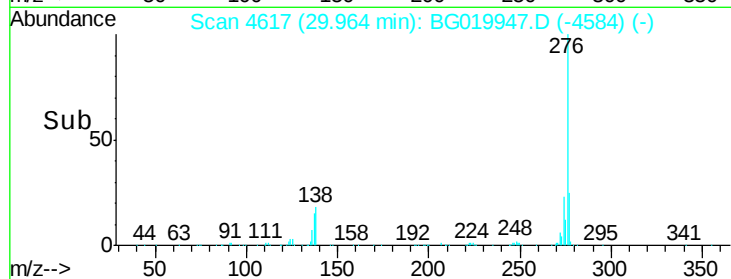
Tgt Ion: 276 Resp: 587476

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 18.1 17.4 26.0



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

