

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG023999.D
 Acq On : 16 Sep 2016 18:42
 Operator : UM/SJ
 Sample : PB93393BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

Quant Time: Sep 17 00:36:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41536	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	198272	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	170496	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	387640	20.00	ng	0.00
75) Chrysene-d12	21.80	240	478032	20.00	ng	0.00
86) Perylene-d12	25.14	264	478775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	347711	146.97	ng	0.00
7) Phenol-d6	7.23	99	528633	145.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	399599	89.98	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	330151	107.48	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	865445	72.78	ng	0.00
78) Terphenyl-d14	20.10	244	1616692	77.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	36158	37.06	ng	96
3) Pyridine	3.87	79	113880	38.84	ng	96
4) n-Nitrosodimethylamine	3.78	42	76529	49.51	ng	# 84
6) Aniline	7.38	93	138580	28.67	ng	94
8) 2-Chlorophenol	7.62	128	126964	46.32	ng	90
9) Benzaldehyde	7.20	77	17694	6.84	ng	# 84
10) Phenol	7.26	94	185156	48.33	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	124882	41.43	ng	86
12) 1,3-Dichlorobenzene	7.94	146	132044	41.16	ng	99
13) 1,4-Dichlorobenzene	8.09	146	140311	41.29	ng	93
14) 1,2-Dichlorobenzene	8.41	146	135411	42.45	ng	93
15) Benzyl Alcohol	8.31	79	171875	53.53	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	175055	43.33	ng	93
17) 2-Methylphenol	8.51	107	126544	49.03	ng	94
18) Hexachloroethane	9.14	117	57736	44.12	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	145500	45.22	ng	95
20) 3+4-Methylphenols	8.85	107	179671	49.95	ng	98
22) Acetophenone	8.89	105	207860	40.49	ng	# 97
24) Nitrobenzene	9.28	77	217816	45.61	ng	97
25) Isophorone	9.80	82	390225	45.31	ng	97
26) 2-Nitrophenol	10.00	139	82802	45.61	ng	96
27) 2,4-Dimethylphenol	10.06	122	145887	47.28	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	202398	46.54	ng	99
29) 2,4-Dichlorophenol	10.55	162	162505	49.71	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	162716	45.38	ng	97
31) Naphthalene	10.94	128	440391	43.11	ng	98
32) Benzoic acid	10.23	122	75115	29.98	ng	# 83
33) 4-Chloroaniline	11.06	127	60786	14.25	ng	# 88
34) Hexachlorobutadiene	11.21	225	121109	44.97	ng	98
35) Caprolactam	11.86	113	55124m	47.84	ng	
36) 4-Chloro-3-methylphenol	12.19	107	199857	45.75	ng	97
37) 2-Methylnaphthalene	12.55	142	348562	44.85	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	198435	35.06	ng	99
40) Hexachlorocyclopentadiene	12.88	237	261553	77.00	ng	100

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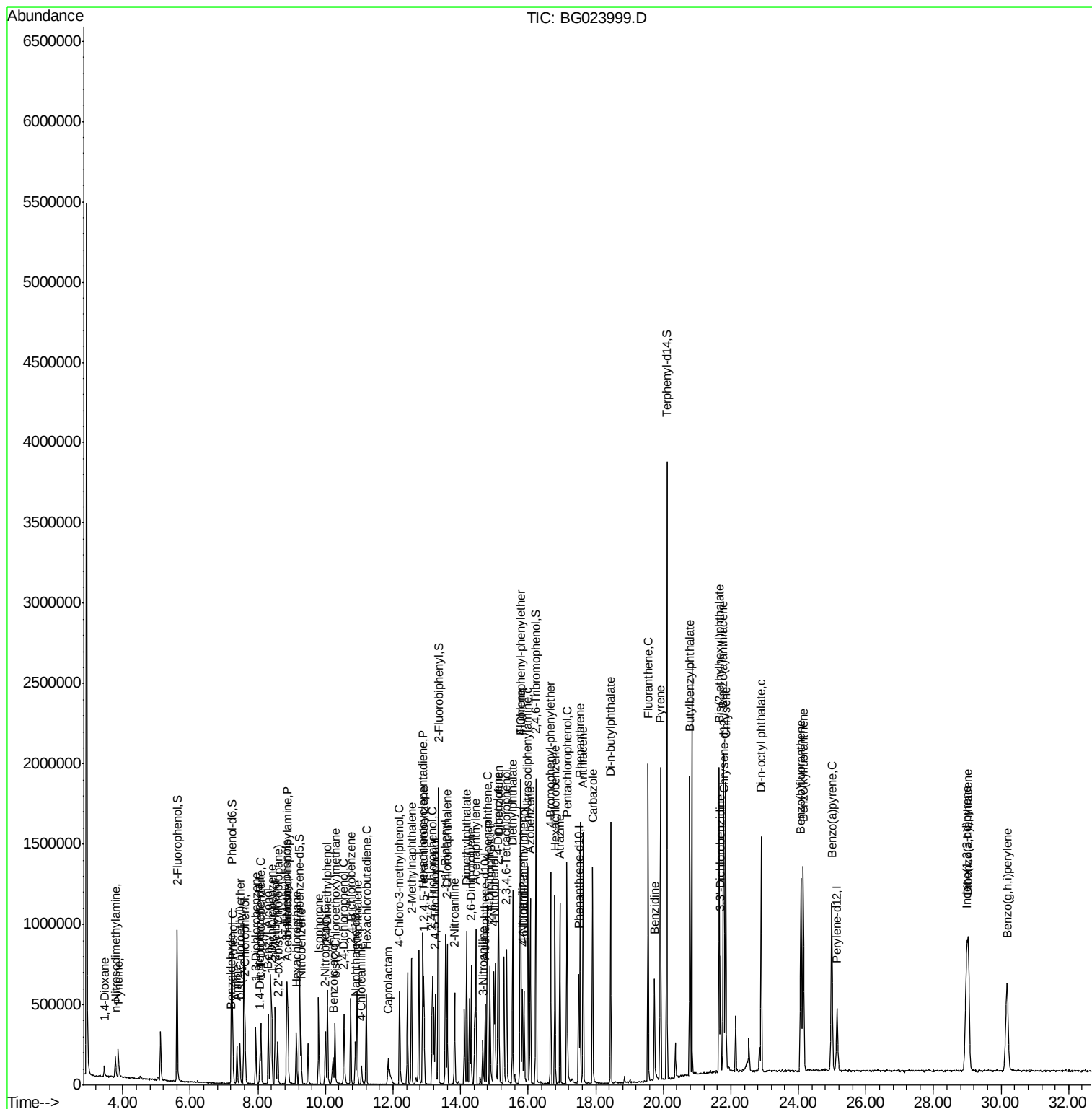
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	151177	40.03	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	150378	39.39	nq	95
45) 1,1'-Biphenyl	13.55	154	444989	32.45	nq	99
46) 2-Chloronaphthalene	13.60	162	384058	38.15	nq	91
47) 2-Nitroaniline	13.82	65	177842	44.85	nq	93
48) Acenaphthylene	14.45	152	635819	37.89	nq	97
49) Dimethylphthalate	14.18	163	554760	37.95	nq	97
50) 2,6-Dinitrotoluene	14.31	165	126523	41.00	nq	95
51) Acenaphthene	14.79	154	402055	38.75	nq	97
52) 3-Nitroaniline	14.65	138	55009	19.06	nq	# 92
53) 2,4-Dinitrophenol	14.87	184	159057	71.27	nq	# 87
54) Dibenzofuran	15.13	168	673354	41.58	nq	99
55) 4-Nitrophenol	14.99	139	164613	71.67	nq	# 87
56) 2,4-Dinitrotoluene	15.11	165	181233	39.95	nq	89
57) Fluorene	15.78	166	557212	39.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	169262	43.68	nq	96
59) Diethylphthalate	15.54	149	599186	38.39	nq	99
60) 4-Chlorophenyl-phenylether	15.77	204	304945	40.34	nq	97
61) 4-Nitroaniline	15.83	138	104065	35.66	nq	100
62) Azobenzene	16.06	77	688336	45.54	nq	95
64) 4,6-Dinitro-2-methylphenol	15.88	198	117267	43.57	nq	90
65) n-Nitrosodiphenylamine	15.99	169	506028	45.96	nq	98
66) 4-Bromophenyl-phenylether	16.67	248	220821	46.82	nq	99
67) Hexachlorobenzene	16.80	284	227827	41.19	nq	97
68) Atrazine	16.94	200	214707	45.32	nq	99
69) Pentachlorophenol	17.15	266	244863	83.35	nq	98
70) Phenanthrene	17.54	178	948588	47.04	nq	98
71) Anthracene	17.63	178	959202	46.63	nq	97
72) Carbazole	17.91	167	846423	45.35	nq	95
73) Di-n-butylphthalate	18.44	149	1019662	45.79	nq	97
74) Fluoranthene	19.55	202	1177542	48.50	nq	96
76) Benzidine	19.74	184	395037	26.69	nq	97
77) Pyrene	19.92	202	1187109	40.38	nq	96
79) Butylbenzylphthalate	20.78	149	489523	43.19	nq	98
80) Benzo(a)anthracene	21.78	228	1241121	46.38	nq	93
81) 3,3'-Dichlorobenzidine	21.70	252	250898	23.46	nq	95
82) Chrysene	21.85	228	1164682	45.72	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	690107	44.47	nq	# 94
84) Di-n-octyl phthalate	22.90	149	1185100	46.57	nq	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1478487	52.43	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1323617	48.67	nq	97
88) Benzo(k)fluoranthene	24.14	252	1211084	44.91	nq	# 99
89) Benzo(a)pyrene	24.98	252	1257243	48.68	nq	# 97
90) Dibenzo(a,h)anthracene	29.03	278	1220018	48.03	nq	# 96
91) Benzo(g,h,i)perylene	30.18	276	1235266	50.57	nq	# 97

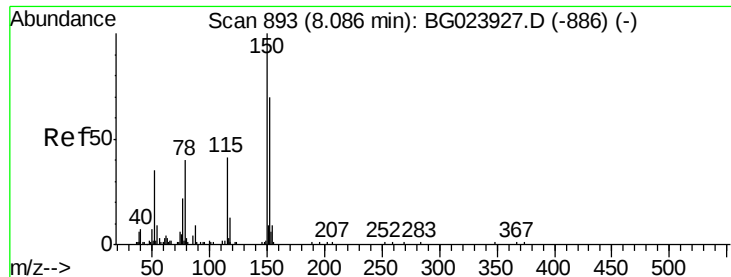
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampled :

PB93393BS

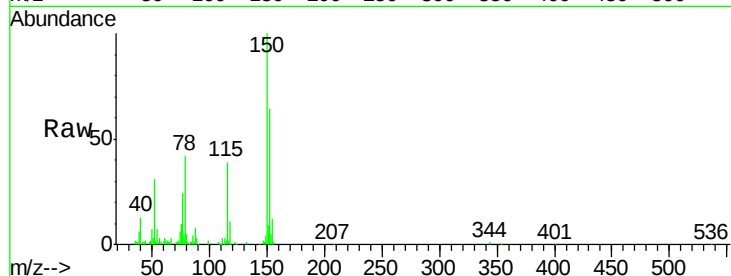
Tot Ion:152 Resp: 41536

Ion Ratio Lower Upper

152 100

150 156.2 144.7 217.1

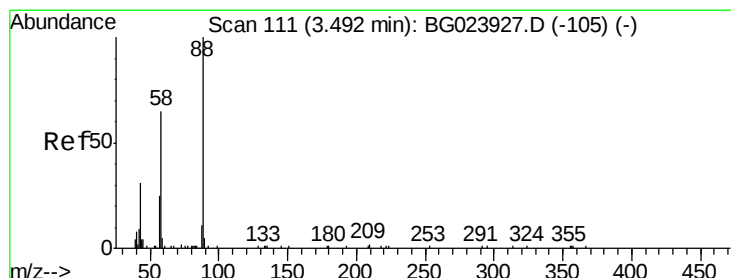
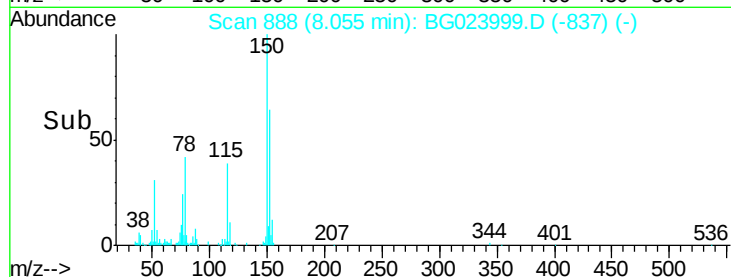
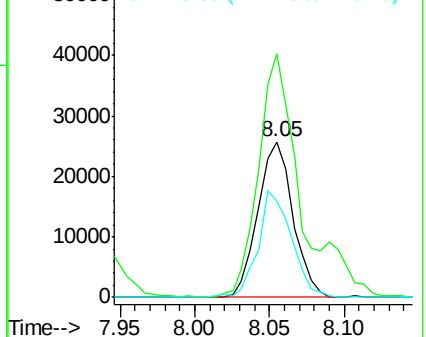
115 61.6 64.0 96.0#



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: 37.06 ng

RT: 3.46 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

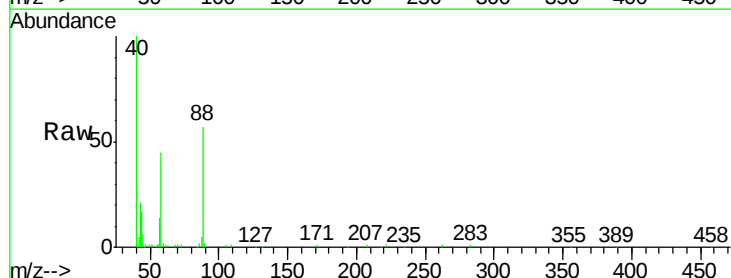
Tgt Ion: 88 Resp: 36158

Ion Ratio Lower Upper

88 100

58 79.0 60.4 90.6

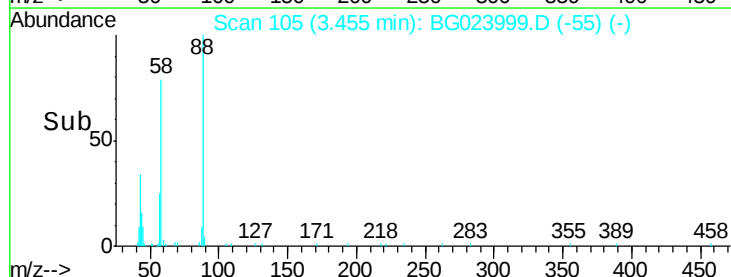
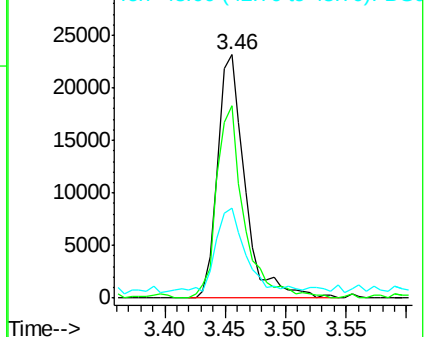
43 41.0 31.1 46.7

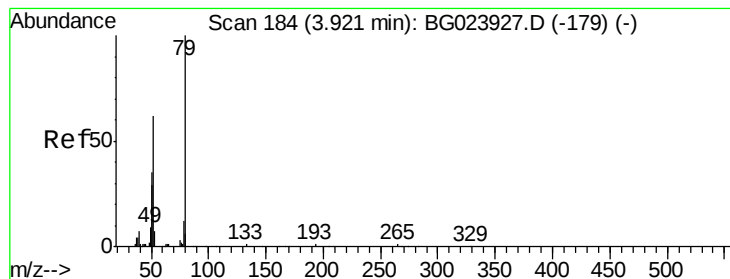


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.84 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

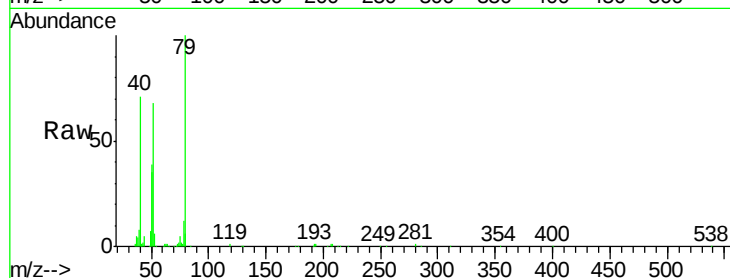
Tot Ion: 79 Resp: 113880

Ion Ratio Lower Upper

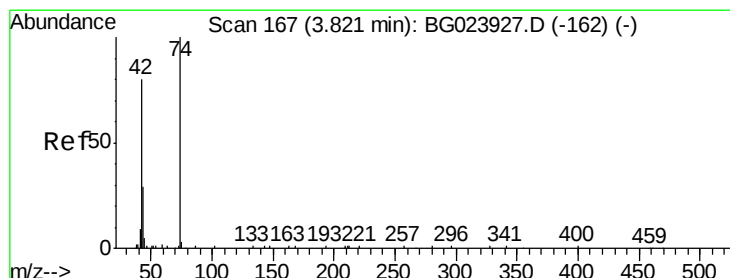
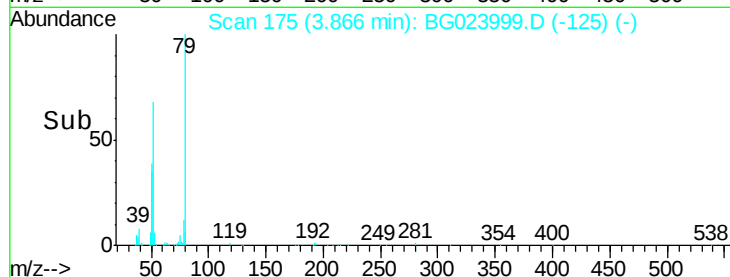
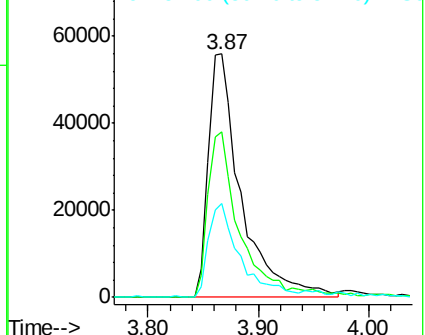
79 100

52 68.1 51.8 77.8

51 38.8 32.7 49.1



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: 49.51 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

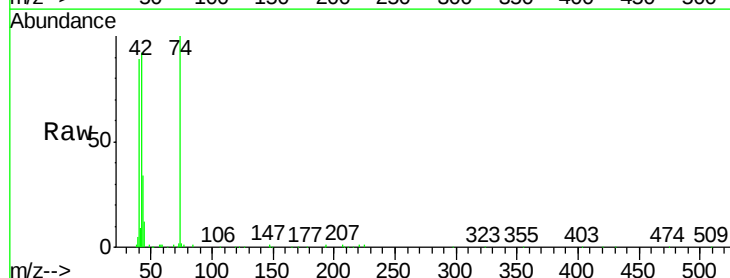
Tgt Ion: 42 Resp: 76529

Ion Ratio Lower Upper

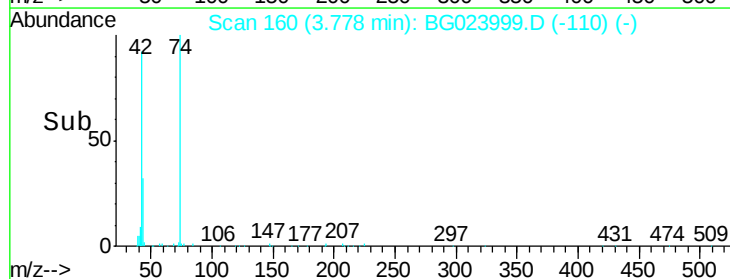
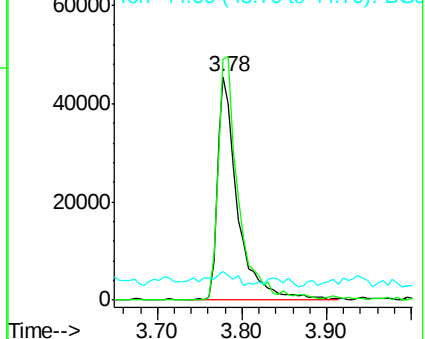
42 100

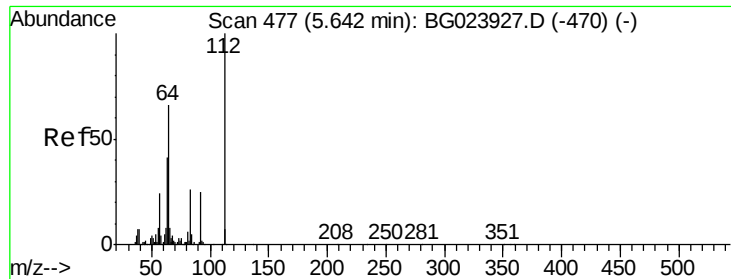
74 108.2 100.6 150.8

44 12.7 4.5 6.7#



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: 146.97 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

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ClientSampleId :

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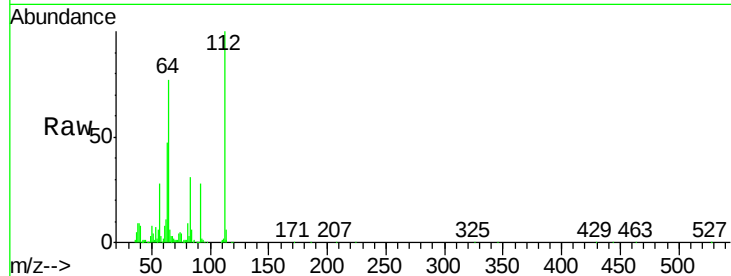
Tot Ion: 112 Resp: 347711

Ion Ratio Lower Upper

112 100

64 77.0 59.0 88.4

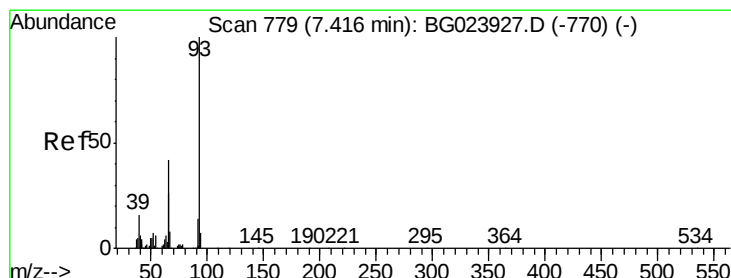
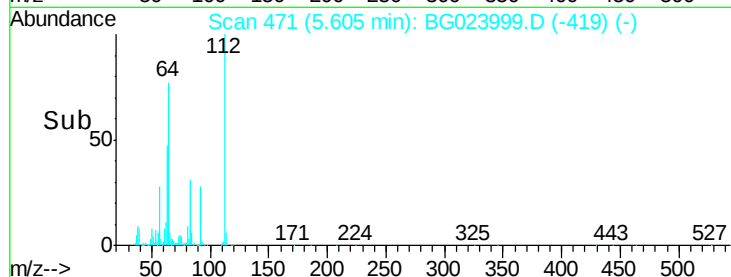
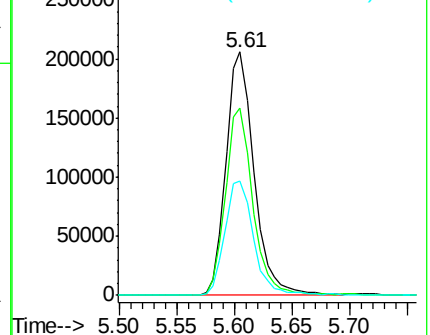
63 46.8 37.8 56.8



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: 28.67 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

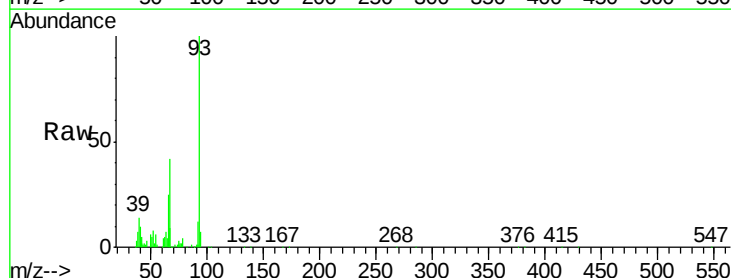
Tgt Ion: 93 Resp: 138580

Ion Ratio Lower Upper

93 100

66 42.4 37.5 56.3

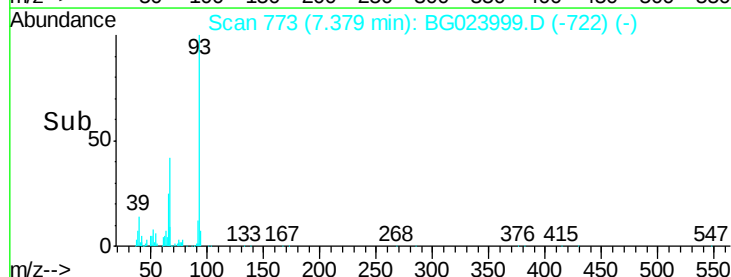
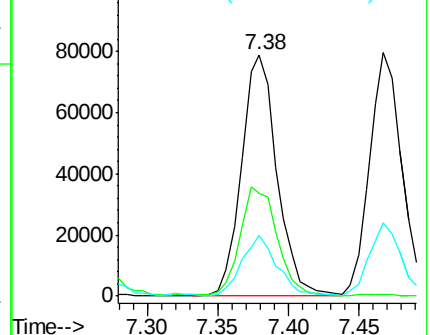
65 25.2 17.9 26.9

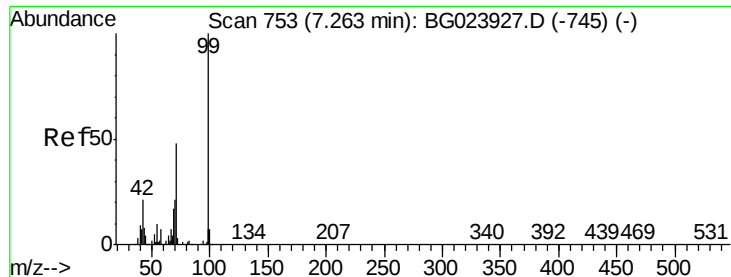


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.16 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG023999.D

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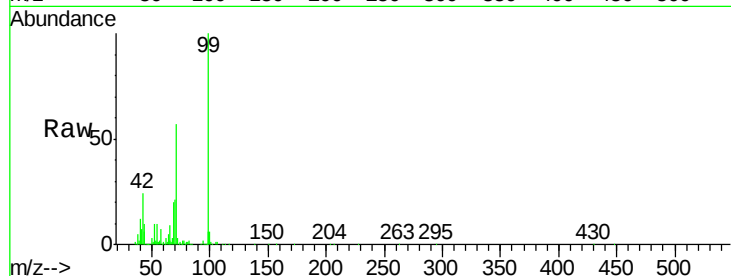
Tot Ion: 99 Resp: 528633

Ion Ratio Lower Upper

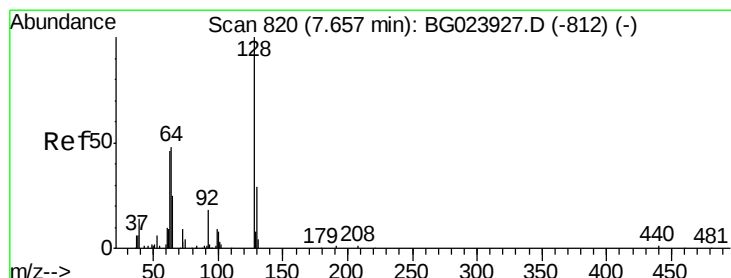
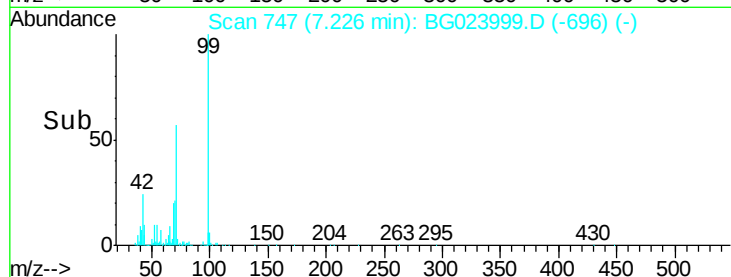
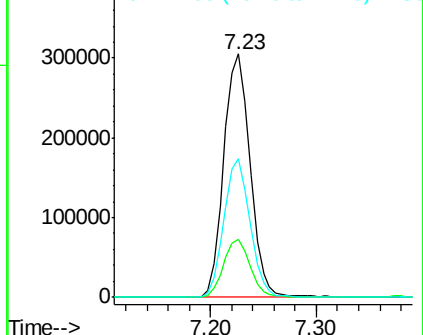
99 100

42 23.8 17.8 26.6

71 56.7 41.5 62.3



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: 46.32 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

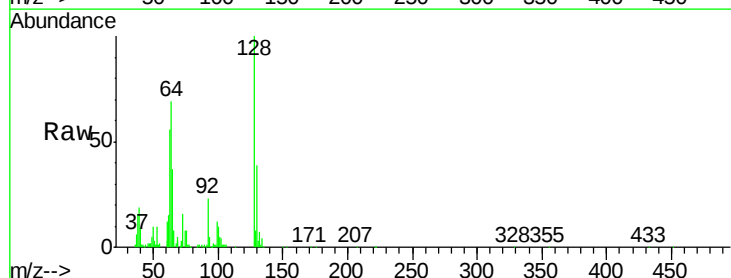
Tgt Ion: 128 Resp: 126964

Ion Ratio Lower Upper

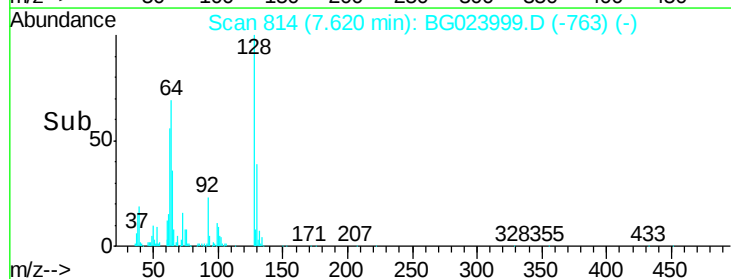
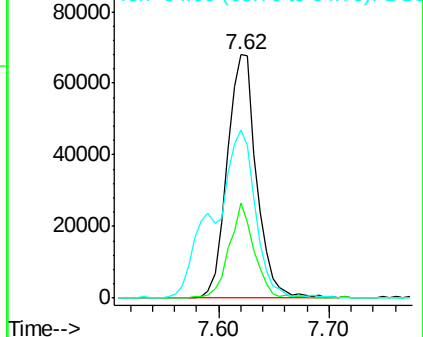
128 100

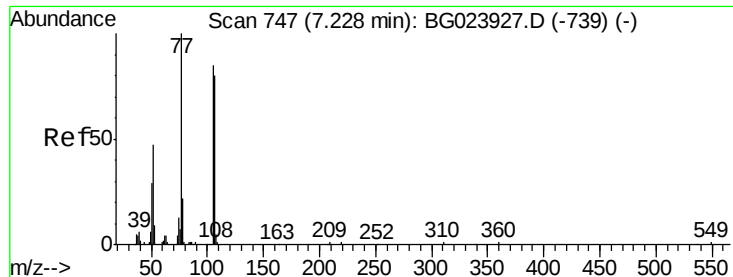
130 39.1 12.9 52.9

64 69.0 42.0 82.0



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: 6.84 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

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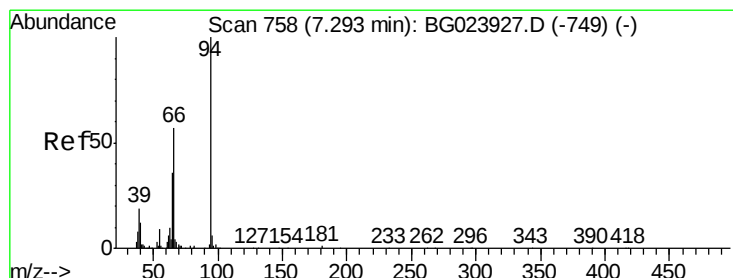
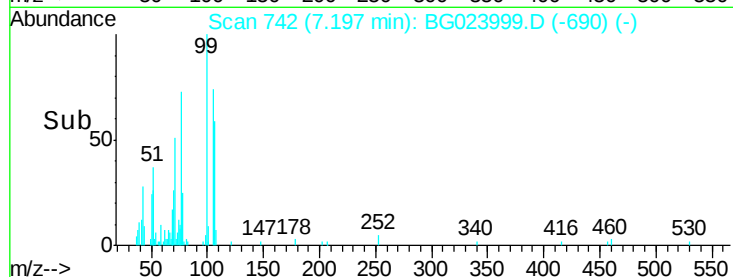
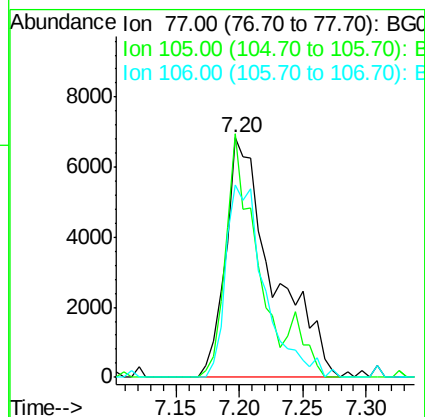
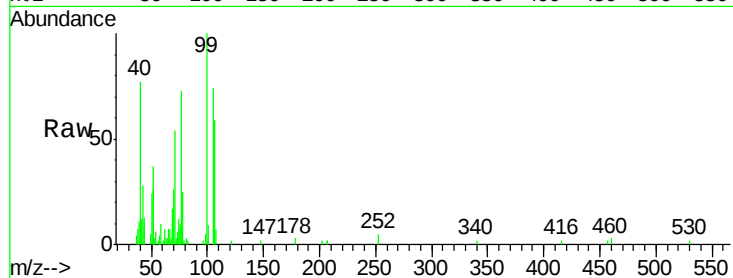
Tot Ion: 77 Resp: 17694

Ion Ratio Lower Upper

77 100

105 101.7 58.7 98.7#

106 80.4 67.5 107.5



#10

Phenol

Concen: 48.33 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

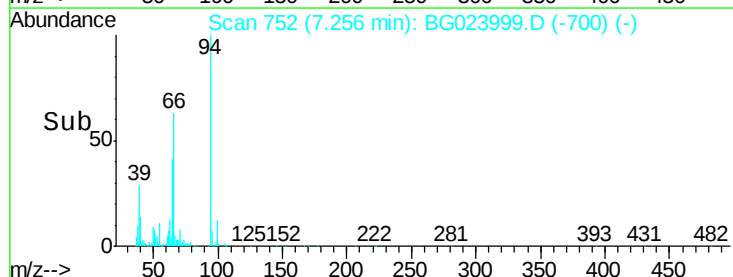
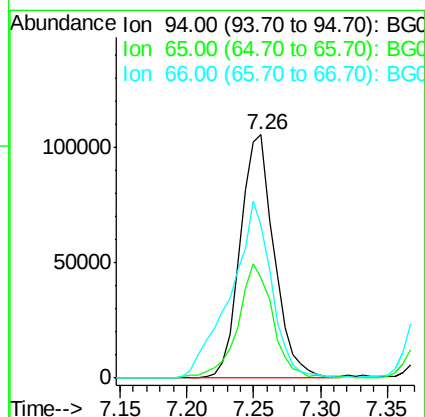
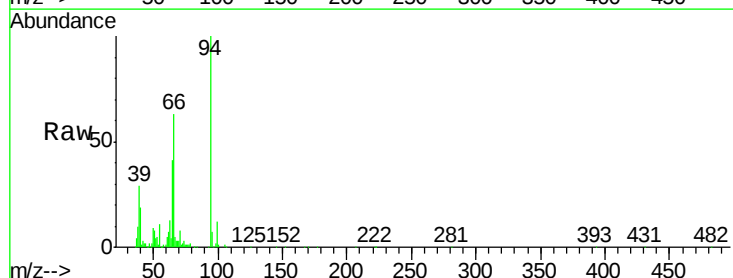
Tgt Ion: 94 Resp: 185156

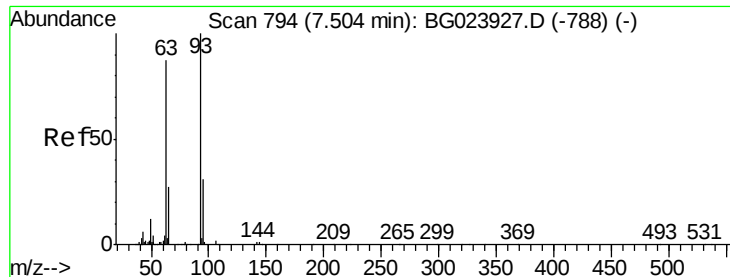
Ion Ratio Lower Upper

94 100

65 41.4 18.1 58.1

66 62.7 42.1 82.1

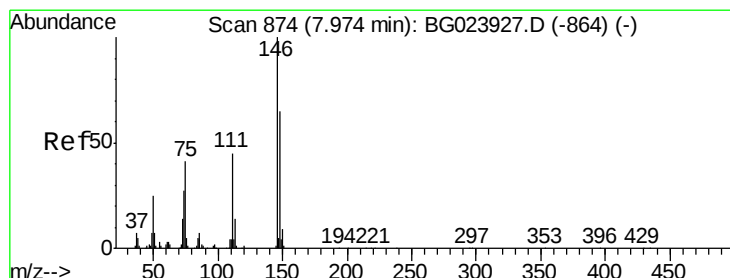
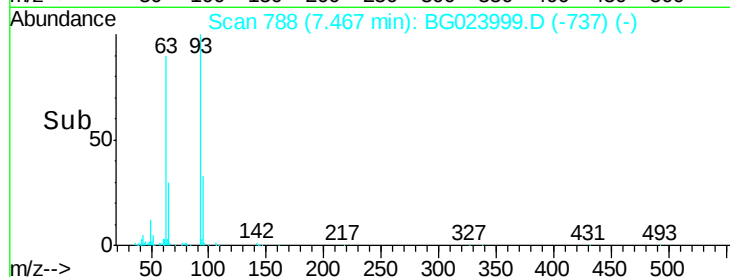
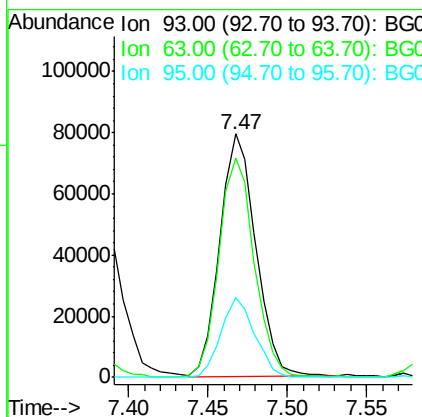
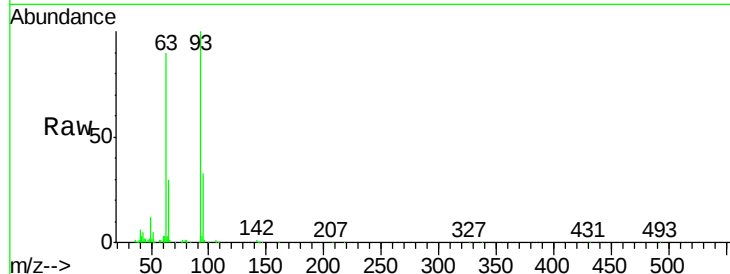




#11
bis(2-Chloroethyl)ether
Concen: 41.43 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

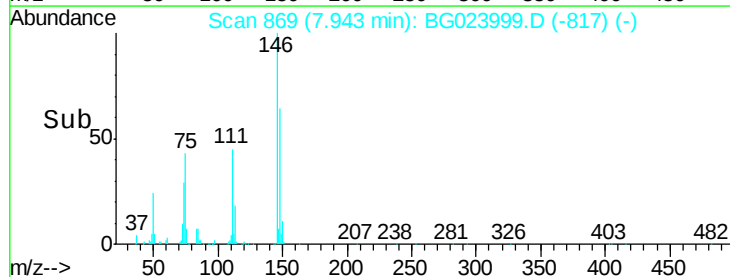
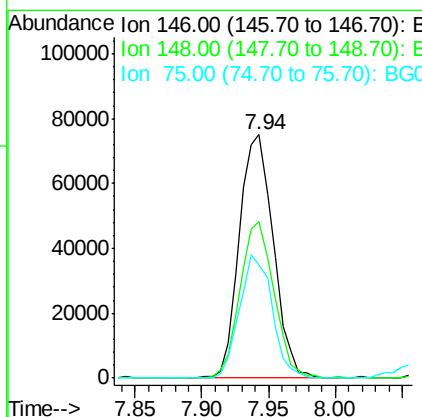
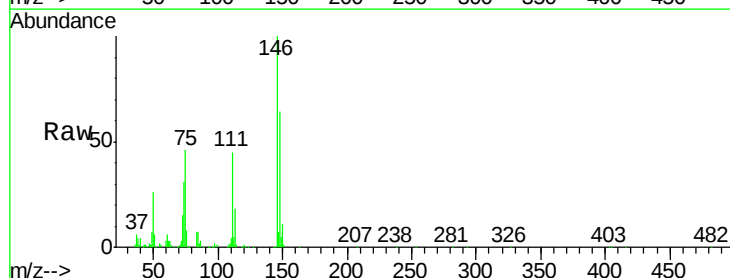
Instrument :
BNA_G
ClientSampleId :
PB93393BS

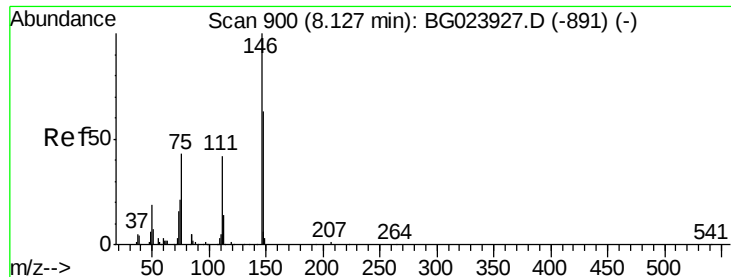
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	55.0	95.0
95	32.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 41.16 ng
RT: 7.94 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
75	46.5	37.0	55.6

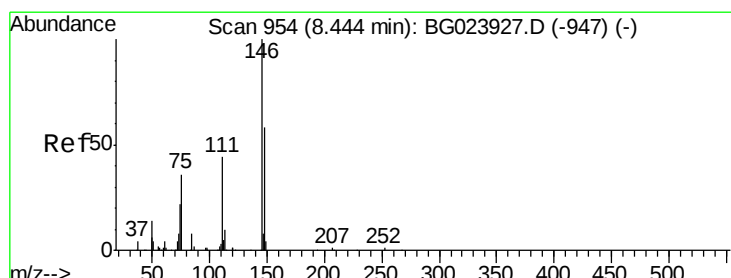
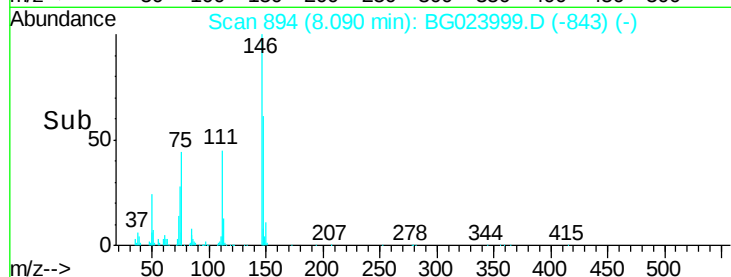
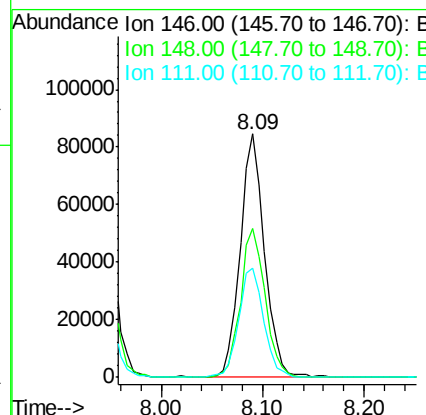
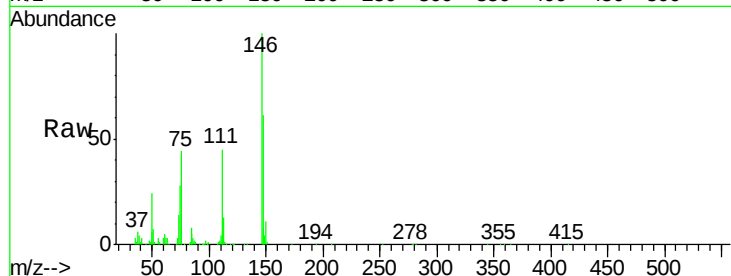




#13
 1,4-Dichlorobenzene
 Concen: 41.29 ng
 RT: 8.09 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

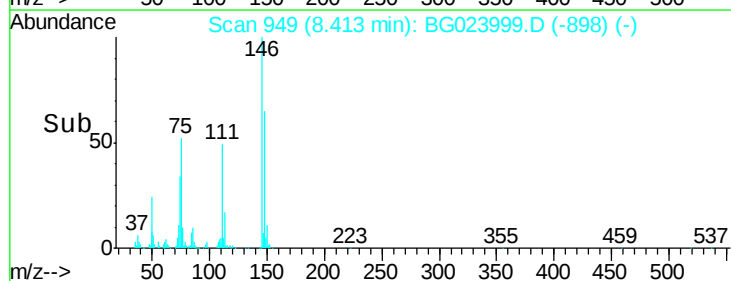
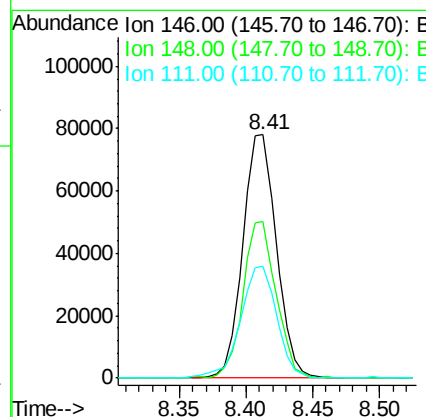
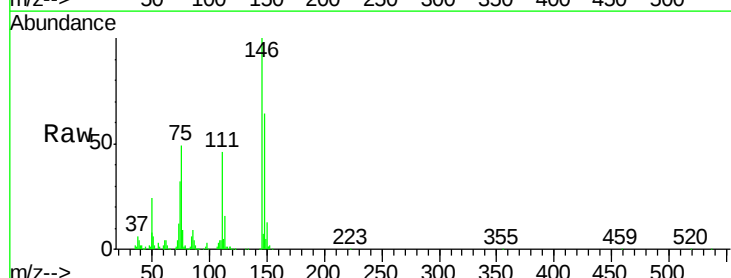
Instrument :
 BNA_G
 ClientSampled :
 PB93393BS

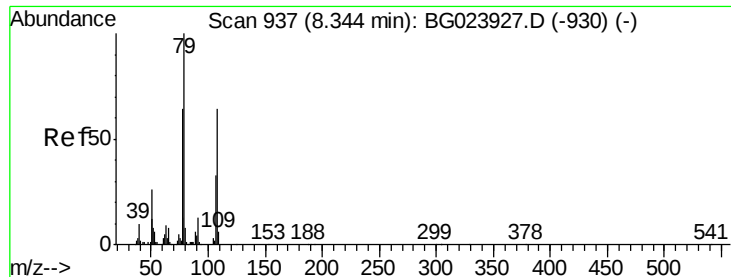
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.5	81.7
111	44.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.45 ng
 RT: 8.41 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.9	79.3
111	46.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 53.53 ng

RT: 8.31 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

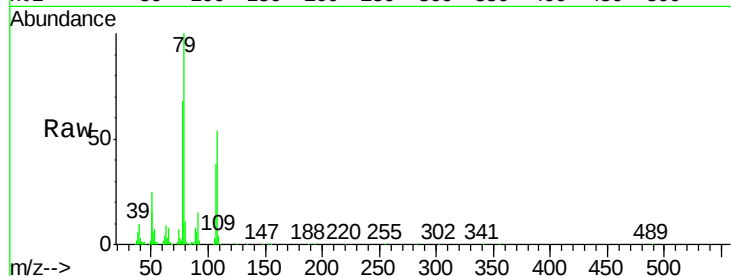
Tot Ion: 79 Resp: 171875

Ion Ratio Lower Upper

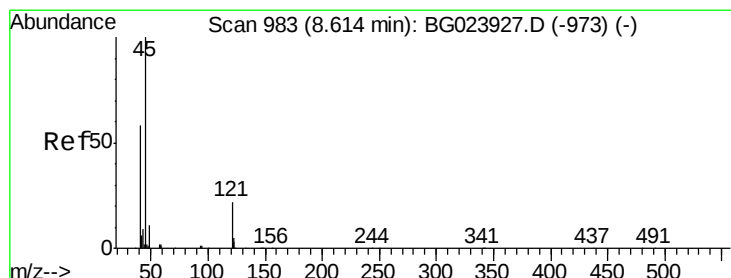
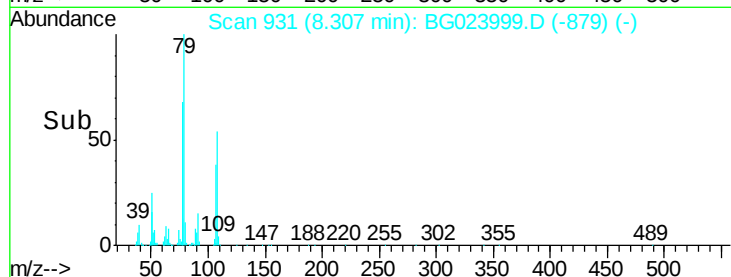
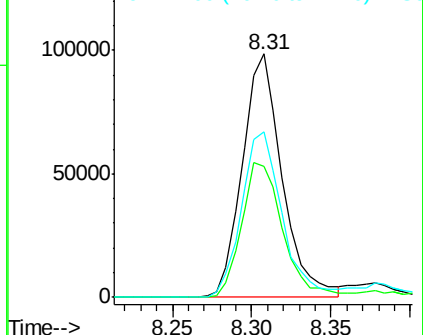
79 100

108 53.9 46.5 69.7

77 68.0 52.3 78.5



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: 43.33 ng

RT: 8.58 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

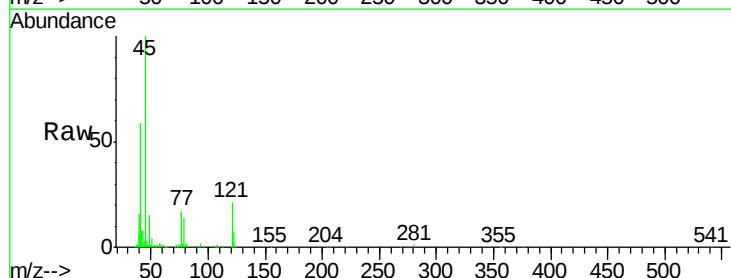
Tgt Ion: 45 Resp: 175055

Ion Ratio Lower Upper

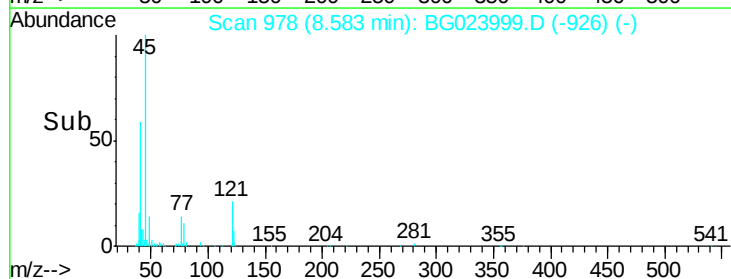
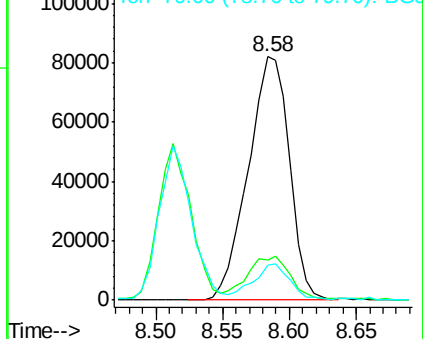
45 100

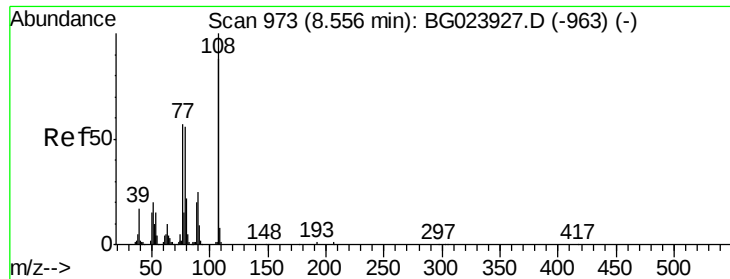
77 16.7 0.6 40.6

79 14.2 0.0 36.2



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: 49.03 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

Tot Ion:107 Resp: 126544

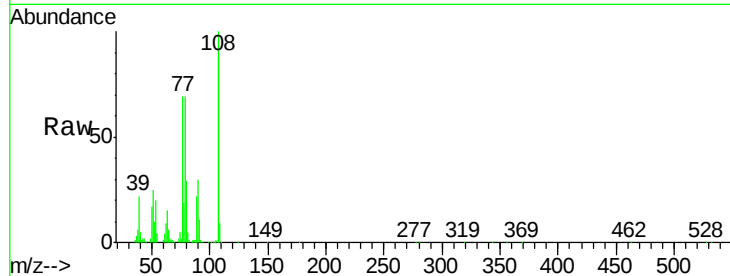
Ion Ratio Lower Upper

107 100

108 108.1 92.0 138.0

77 74.9 55.8 83.6

79 74.1 55.0 82.6

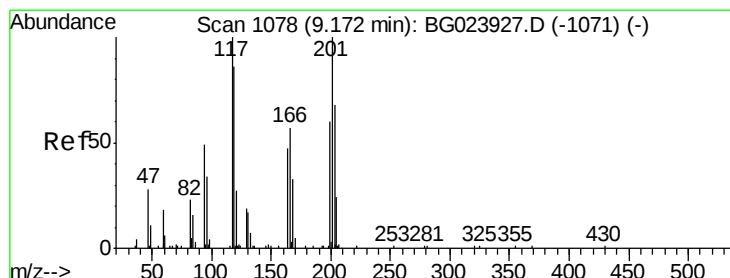
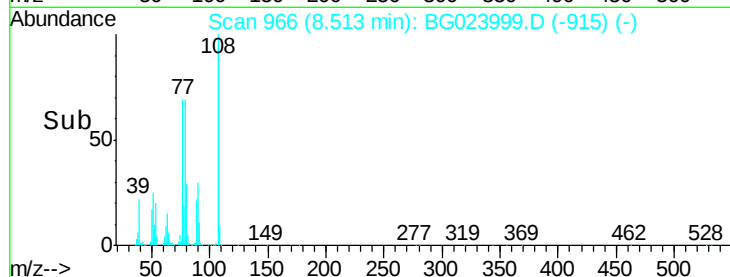
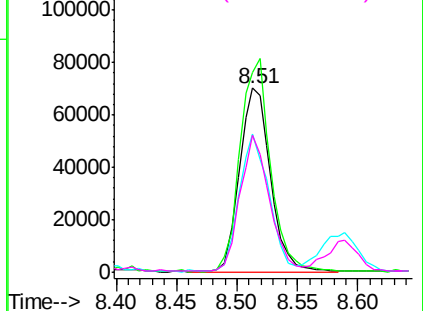


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.12 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

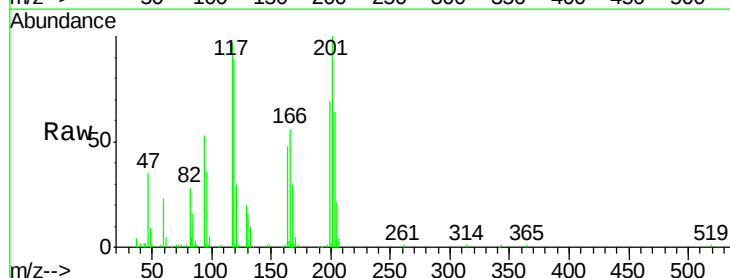
Tgt Ion:117 Resp: 57736

Ion Ratio Lower Upper

117 100

119 91.1 73.7 110.5

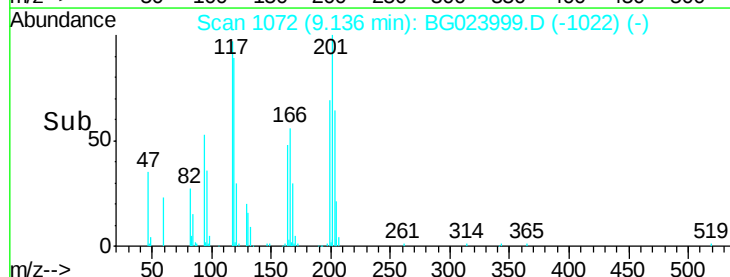
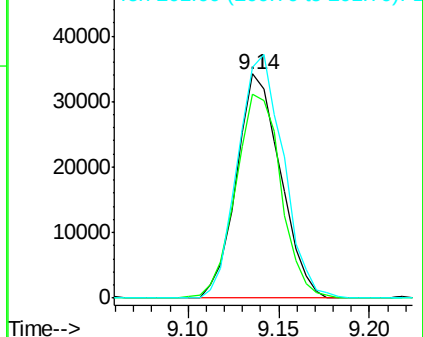
201 102.7 88.7 133.1

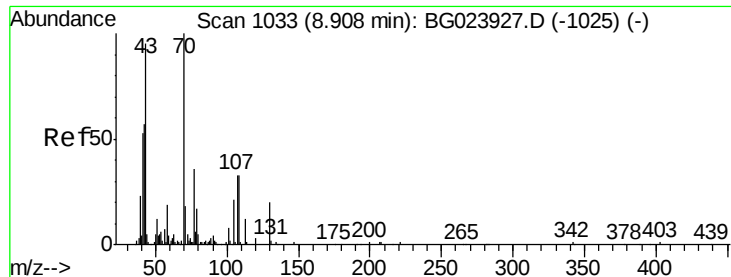


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

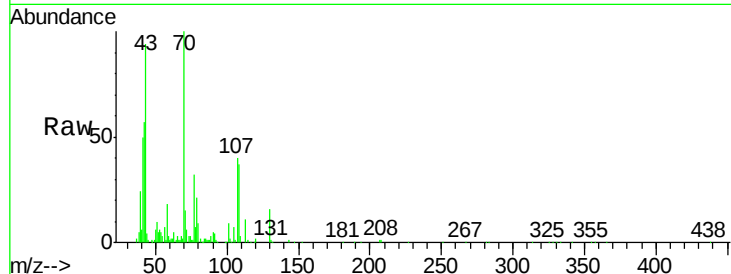




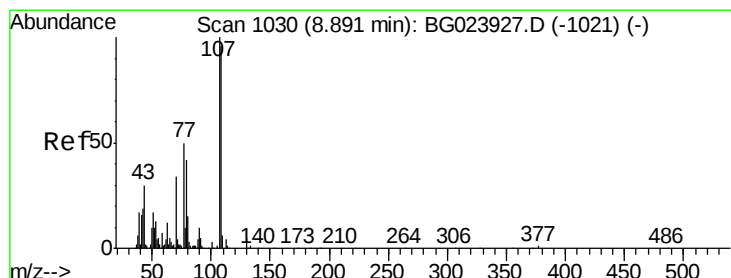
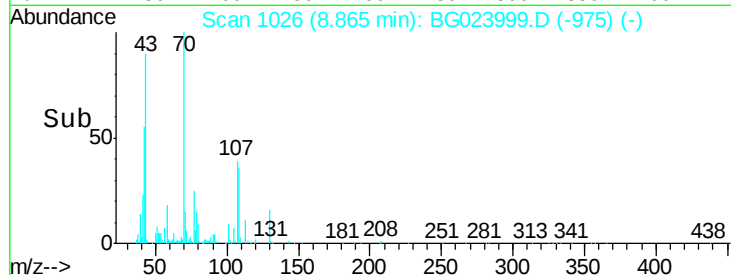
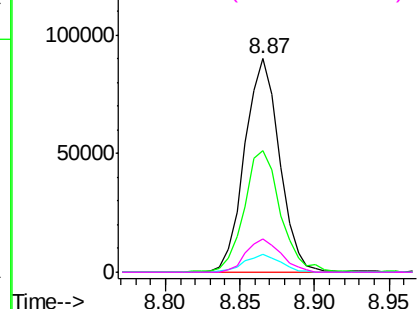
#19
n-Nitroso-di-n-propylamine
Concen: 45.22 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Instrument :
BNA_G
ClientSampleId :
PB93393BS

Tot Ion: 70 Resp: 145500
Ion Ratio Lower Upper
70 100
42 56.8 42.1 63.1
101 8.7 7.2 10.8
130 15.7 14.2 21.2

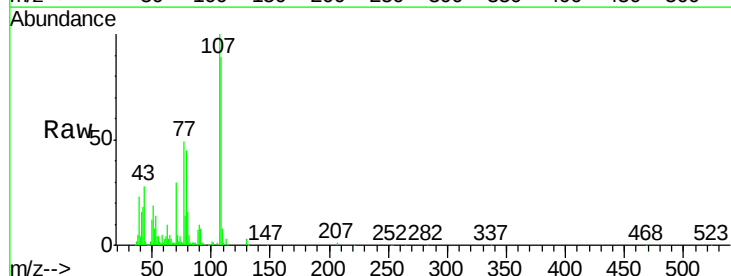


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

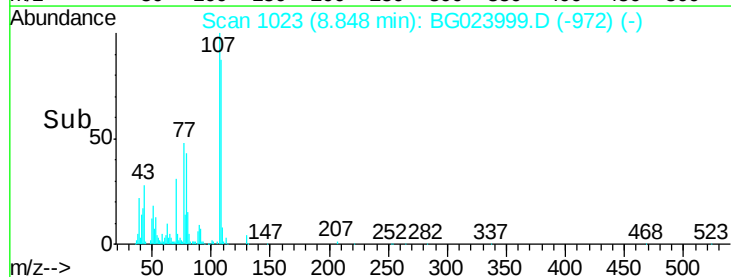
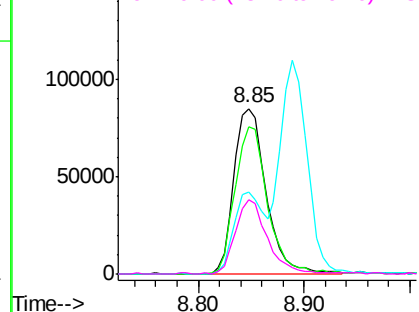


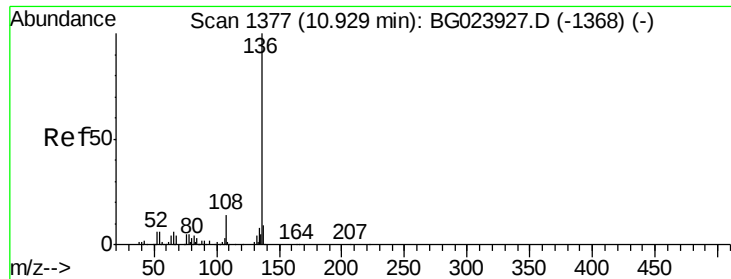
#20
3+4-Methylphenols
Concen: 49.95 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 107 Resp: 179671
Ion Ratio Lower Upper
107 100
108 89.3 72.5 112.5
77 49.4 30.1 70.1
79 44.6 24.2 64.2



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

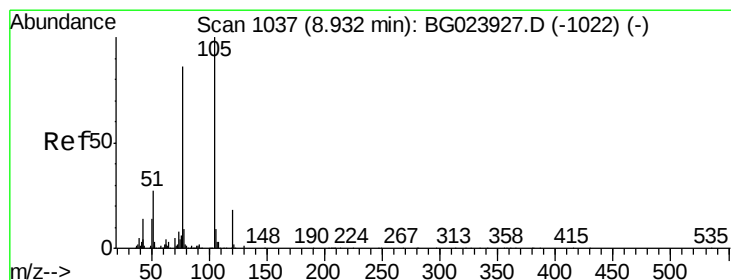
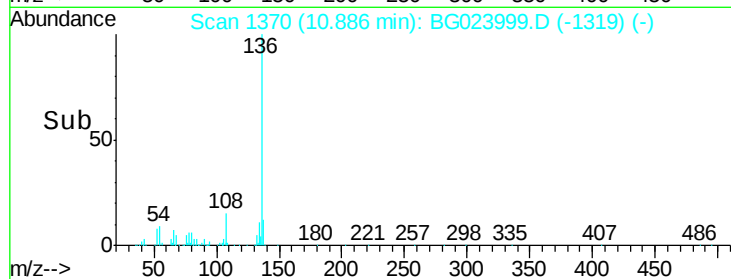
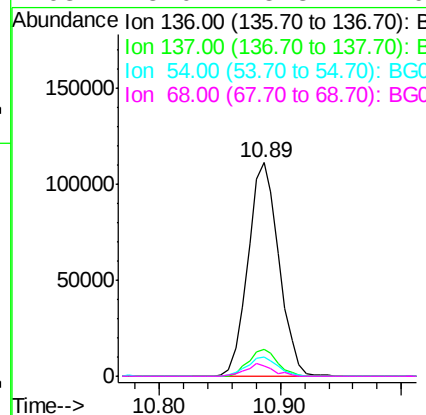
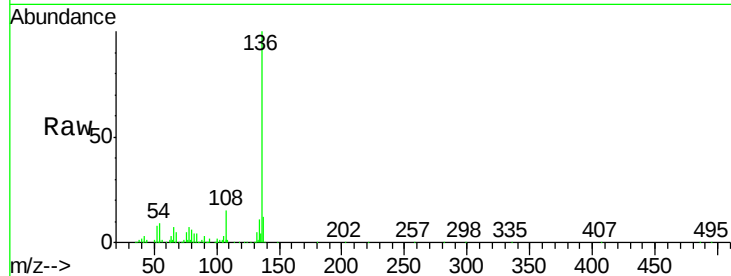




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

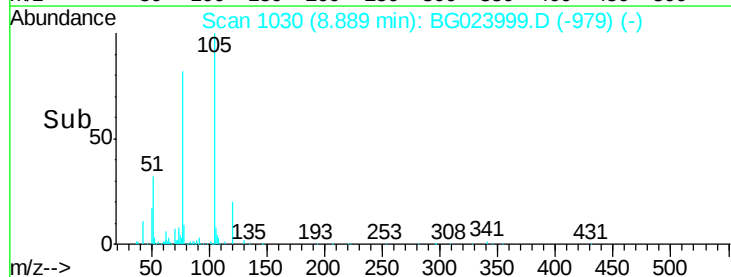
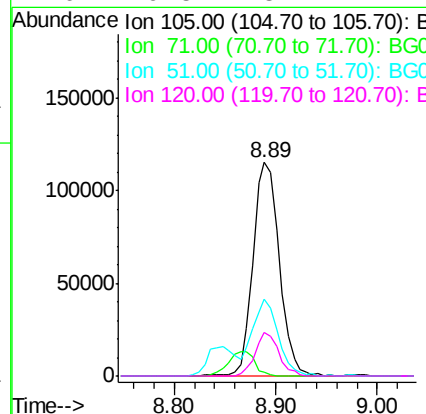
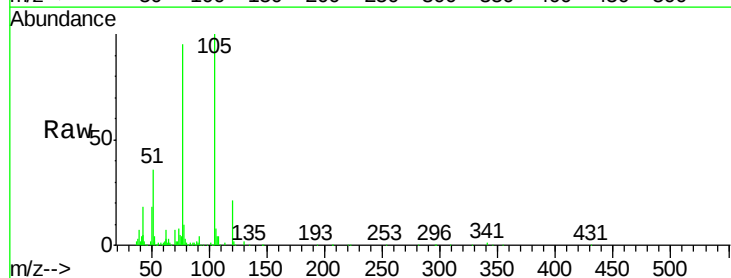
Instrument :
BNA_G
ClientSampleId :
PB93393BS

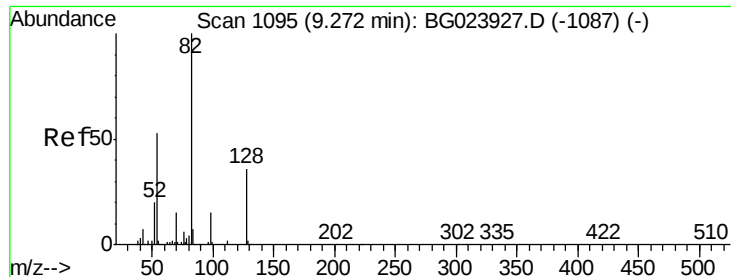
Tot Ion:136	Resp:	198272
Ion Ratio	Lower	Upper
136 100		
137 12.5	9.6	14.4
54 9.2	7.3	10.9
68 5.0	5.3	7.9#



#22
Acetophenone
Concen: 40.49 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt	Ion:105	Resp:	207860
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	35.8	27.1	40.7
120	20.5	15.1	22.7

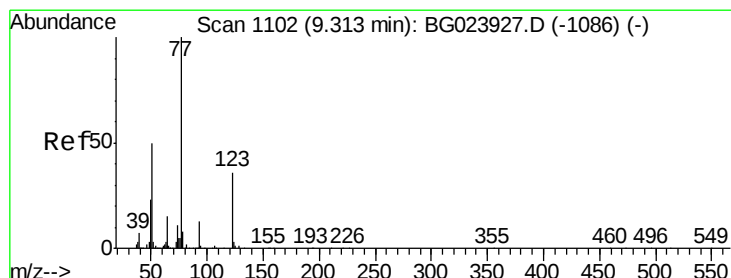
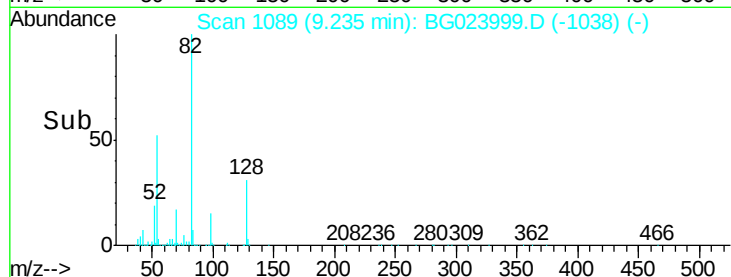
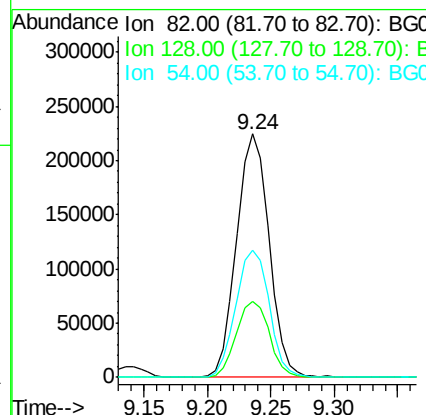
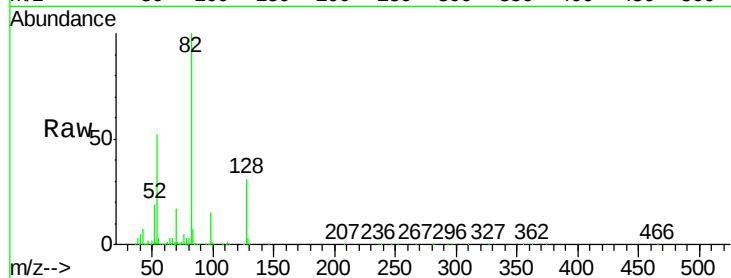




#23
Nitrobenzene-d5
Concen: 89.98 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

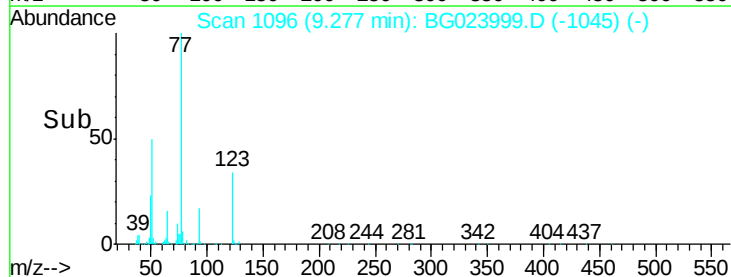
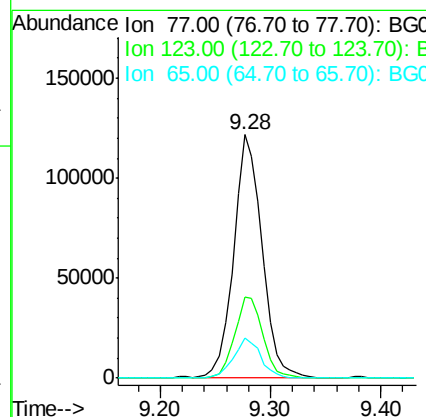
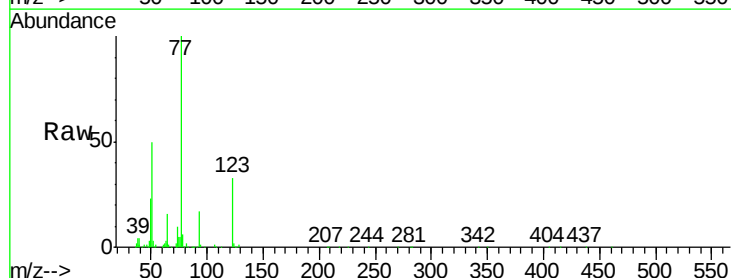
Instrument :
BNA_G
ClientSampleId :
PB93393BS

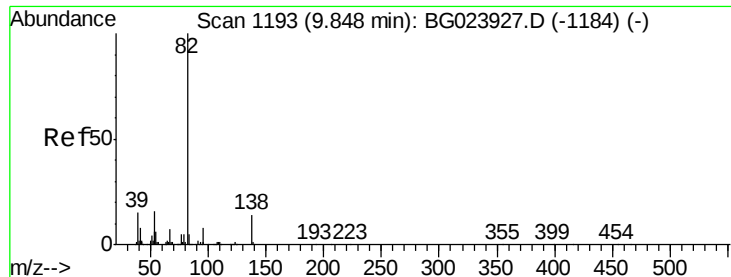
Tot Ion	82	Resp	399599
Ion Ratio	Lower	Upper	
82	100		
128	31.2	24.4	36.6
54	52.3	41.4	62.0



#24
Nitrobenzene
Concen: 45.61 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion	77	Resp	217816
Ion Ratio	Lower	Upper	
77	100		
123	33.4	25.0	37.6
65	16.4	13.4	20.0





#25

Isophorone

Concen: 45.31 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

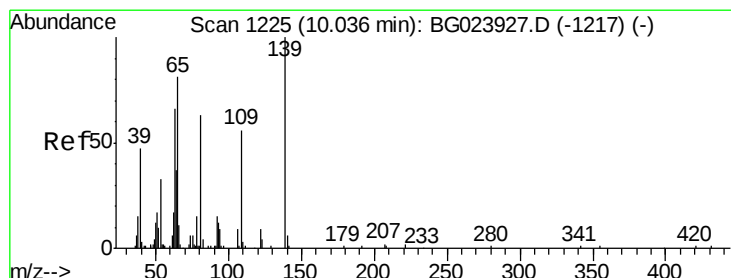
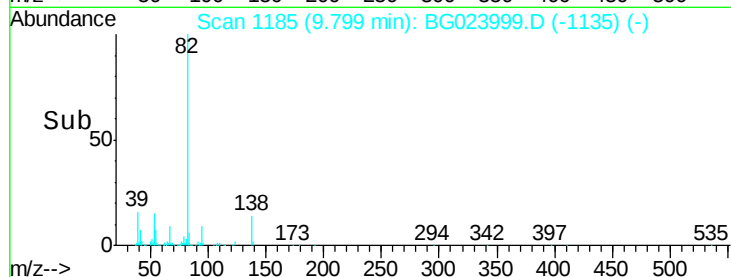
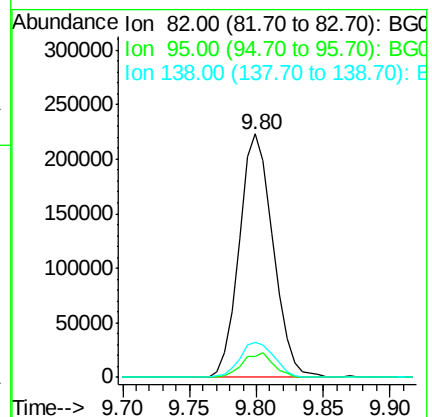
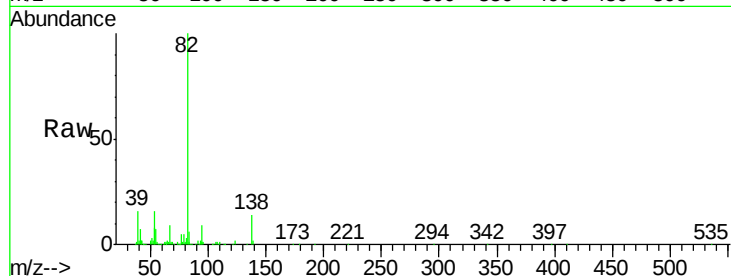
Tot Ion: 82 Resp: 390225

Ion Ratio Lower Upper

82 100

95 8.8 8.2 12.2

138 14.2 10.7 16.1



#26

2-Nitrophenol

Concen: 45.61 ng

RT: 10.00 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

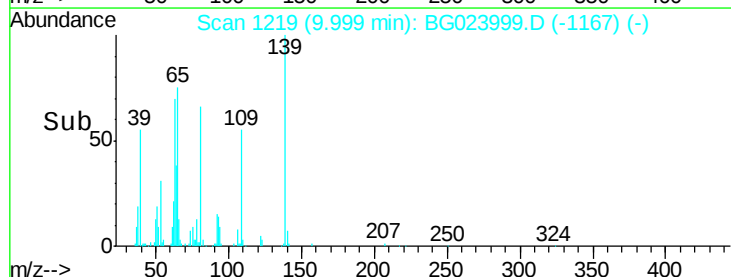
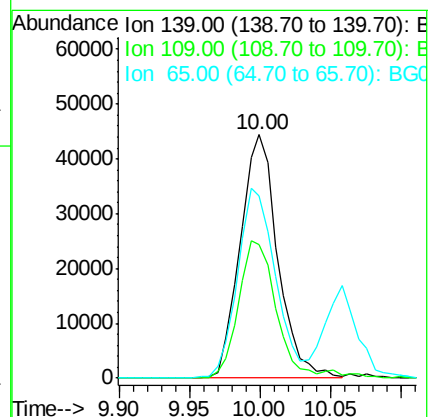
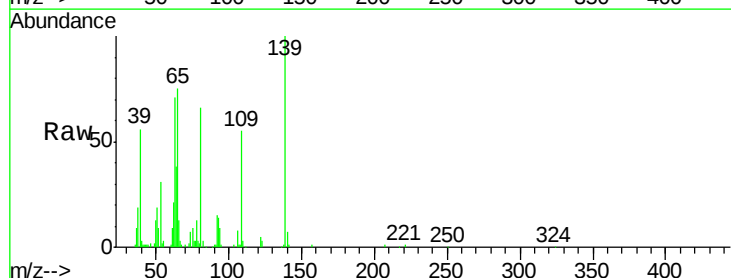
Tgt Ion: 139 Resp: 82802

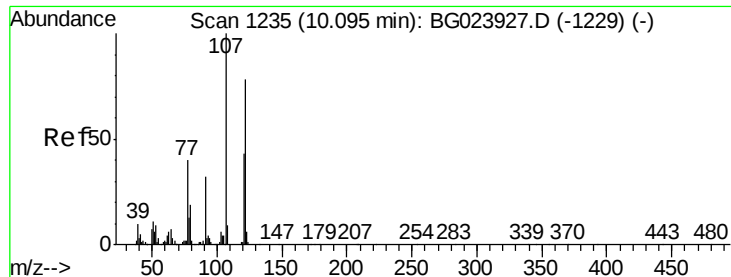
Ion Ratio Lower Upper

139 100

109 54.7 43.5 65.3

65 74.7 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 47.28 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

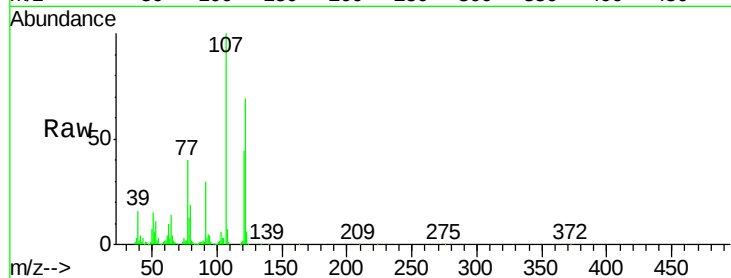
Tot Ion:122 Resp: 145887

Ion Ratio Lower Upper

122 100

107 144.3 117.0 175.4

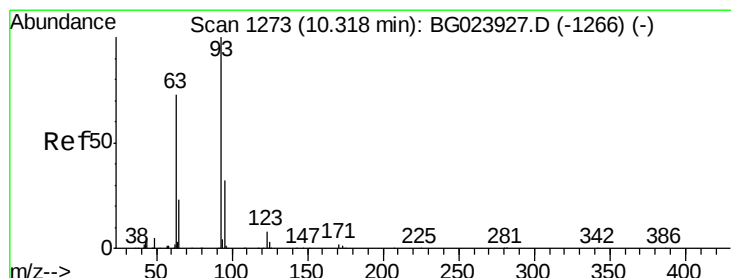
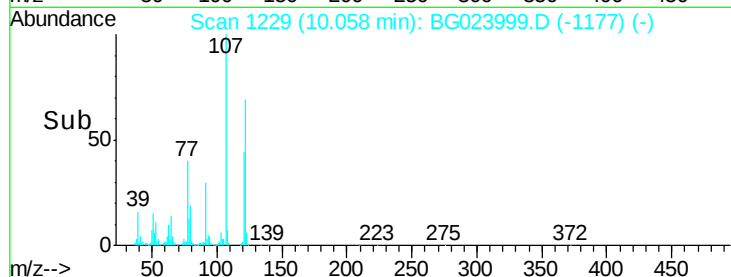
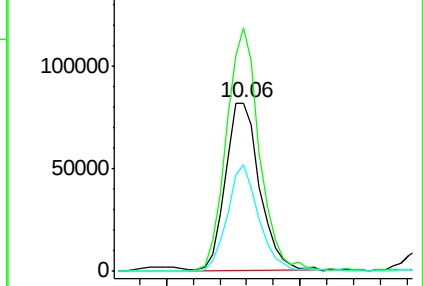
121 62.9 50.1 75.1



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: 46.54 ng

RT: 10.28 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

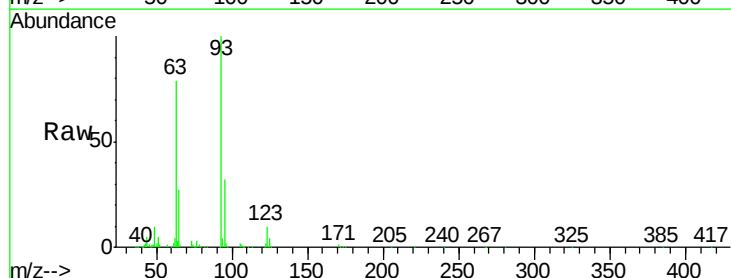
Tgt Ion: 93 Resp: 202398

Ion Ratio Lower Upper

93 100

95 32.4 25.4 38.2

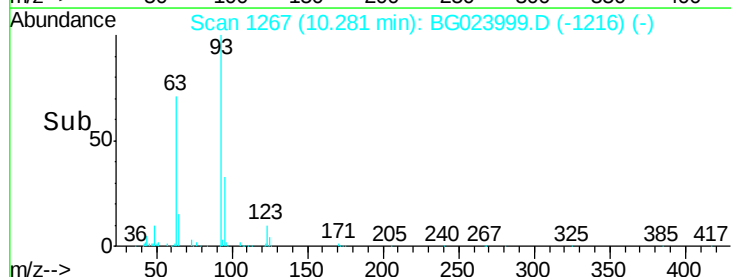
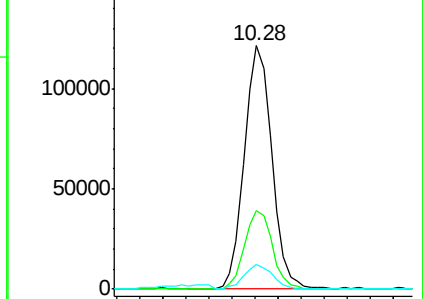
123 10.1 8.2 12.2

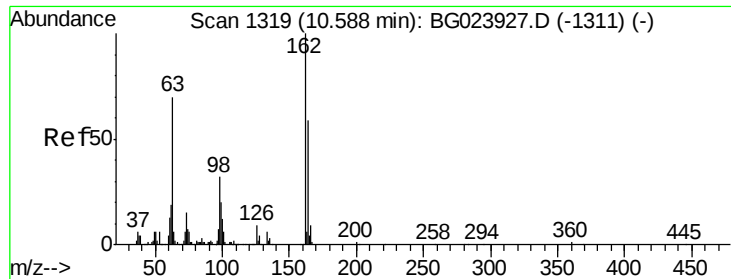


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

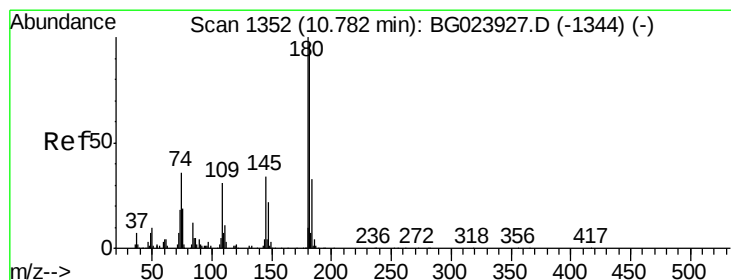
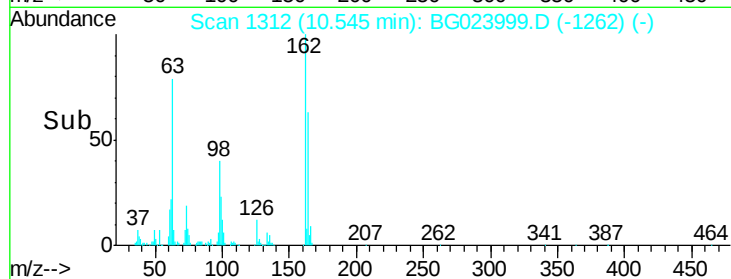
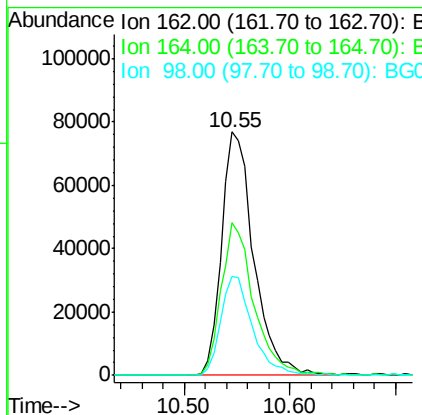
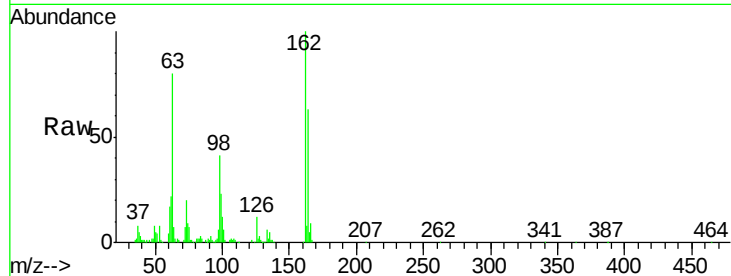




#29
2,4-Dichlorophenol
Concen: 49.71 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

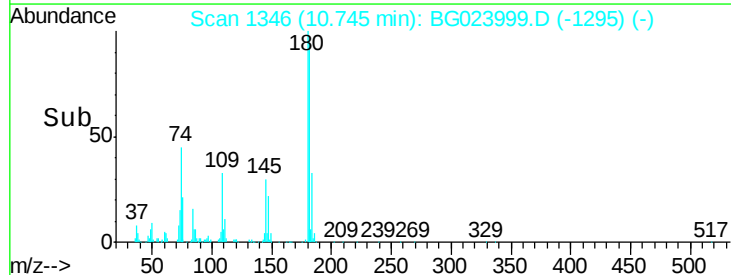
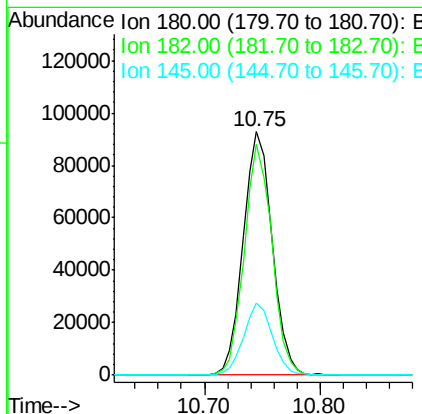
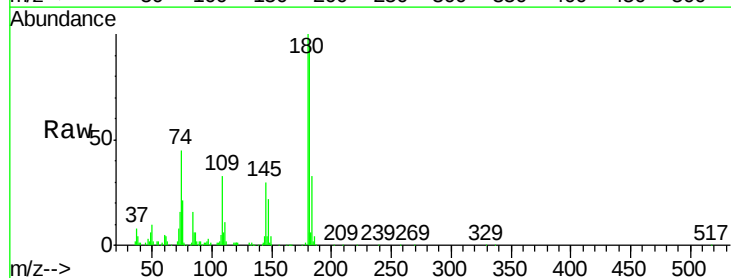
Instrument :
BNA_G
ClientSampleId :
PB93393BS

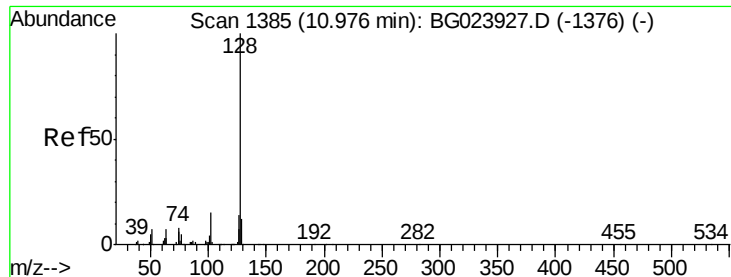
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.3	84.3
98	40.6	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 45.38 ng
RT: 10.75 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	29.6	24.4	36.6





#31

Naphthalene

Concen: 43.11 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

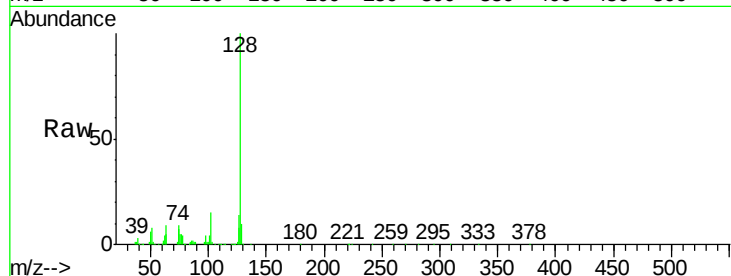
Tot Ion:128 Resp: 440391

Ion Ratio Lower Upper

128 100

129 10.2 9.4 14.0

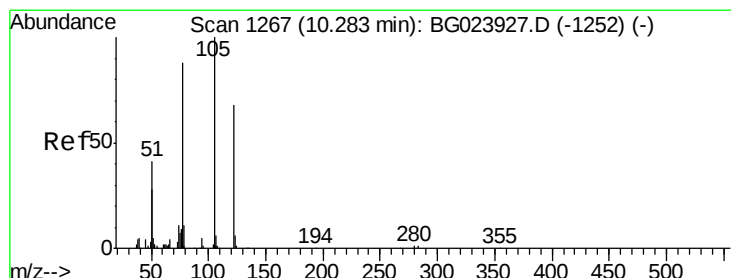
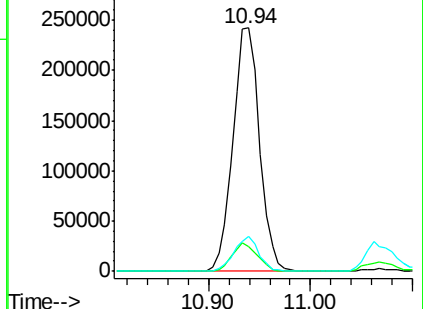
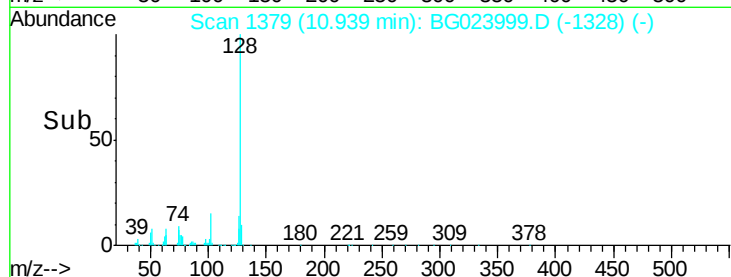
127 14.3 11.3 16.9



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: 29.98 ng

RT: 10.23 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

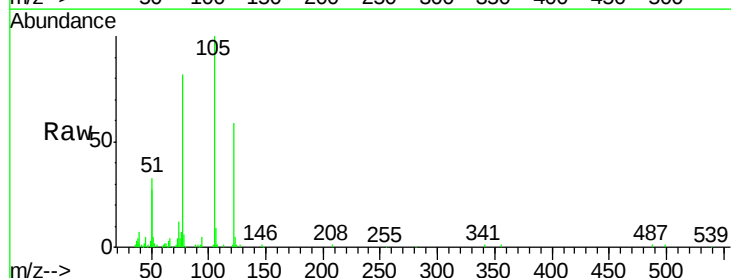
Tgt Ion:122 Resp: 75115

Ion Ratio Lower Upper

122 100

105 168.8 117.2 157.2#

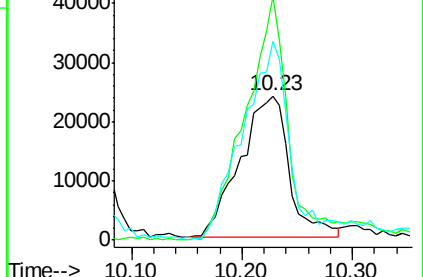
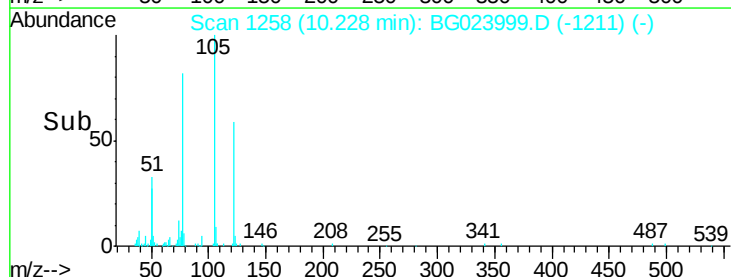
77 138.1 109.2 149.2

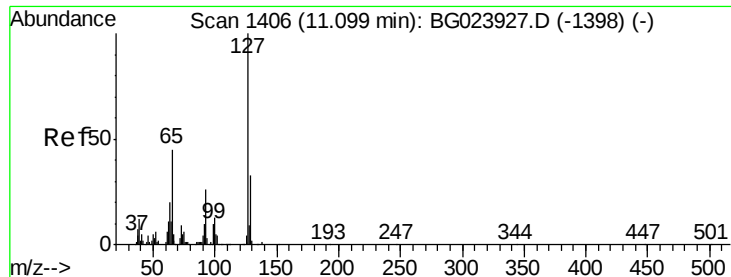


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

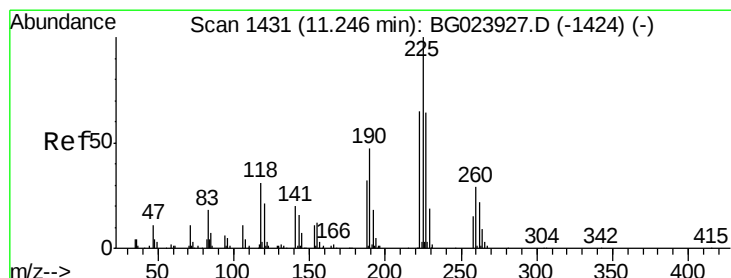
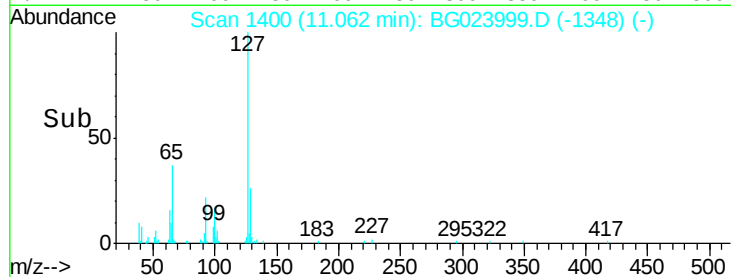
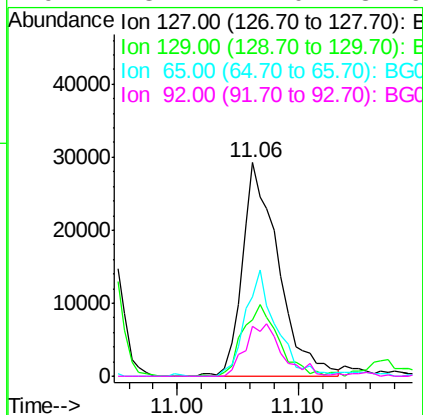
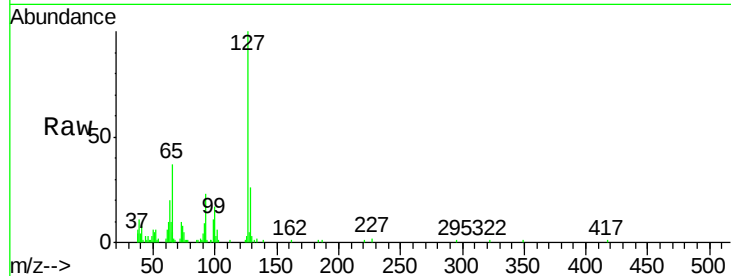




#33
 4-Chloroaniline
 Concen: 14.25 ng
 RT: 11.06 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

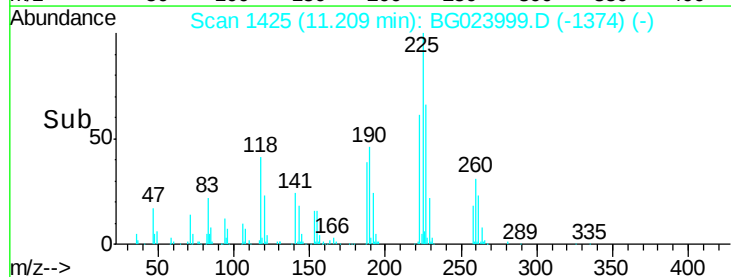
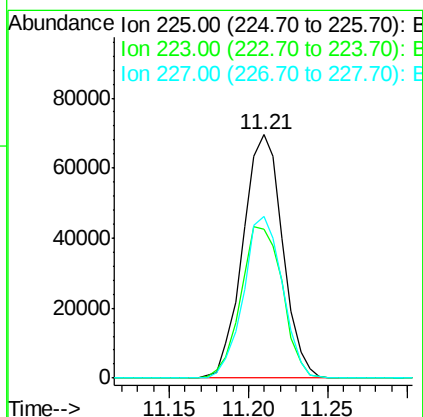
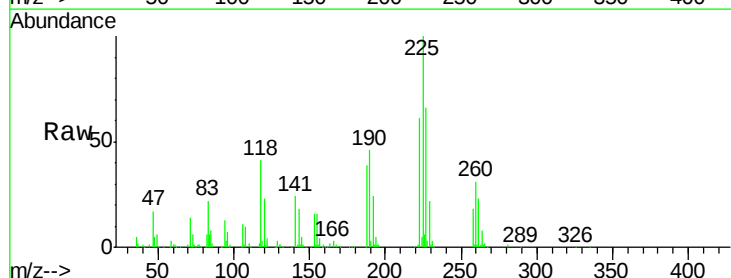
Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

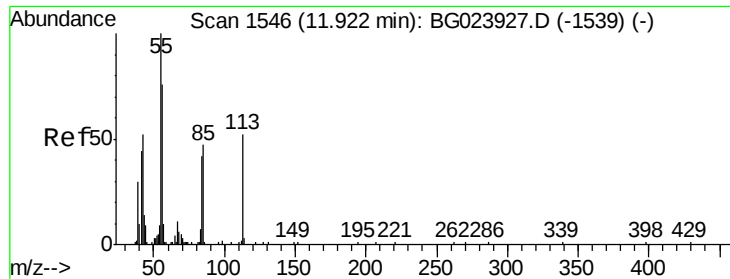
Tot Ion:127	Resp:	60786
Ion Ratio	Lower	Upper
127	100	
129	26.4	27.9 41.9#
65	37.4	36.8 55.2
92	23.1	21.0 31.6



#34
 Hexachlorobutadiene
 Concen: 44.97 ng
 RT: 11.21 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion:225	Resp:	121109
Ion Ratio	Lower	Upper
225	100	
223	61.3	49.6 74.4
227	66.5	54.5 81.7





#35

Caprolactam

Concen: 47.84 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

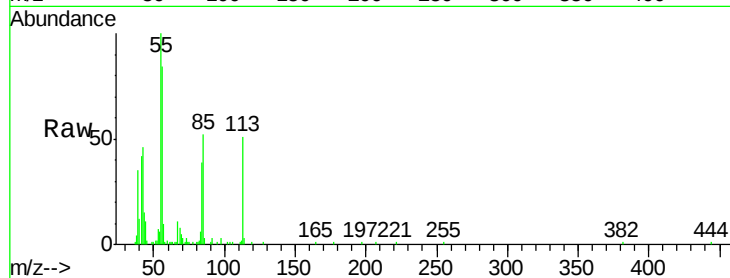
Tot Ion:113 Resp: 55124

Ion Ratio Lower Upper

113 100

55 195.4 154.5 194.5#

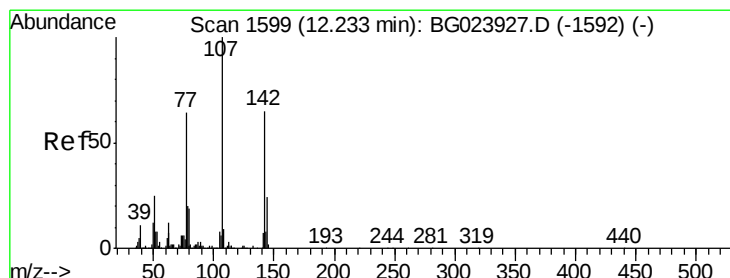
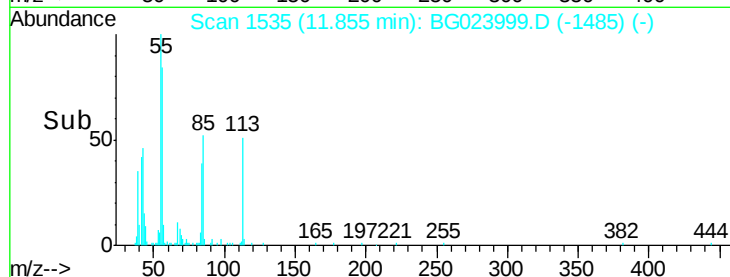
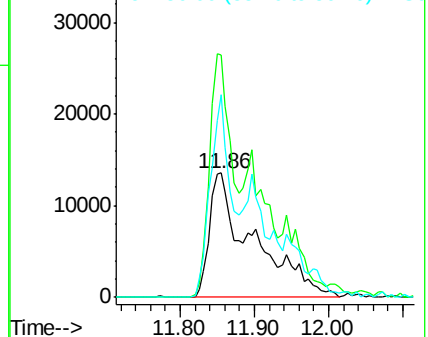
56 163.5 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG023927.D (-1539) (-)

Ion 56.00 (55.70 to 56.70): BG023927.D (-1539) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.75 ng/ml

RT: 12.19 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

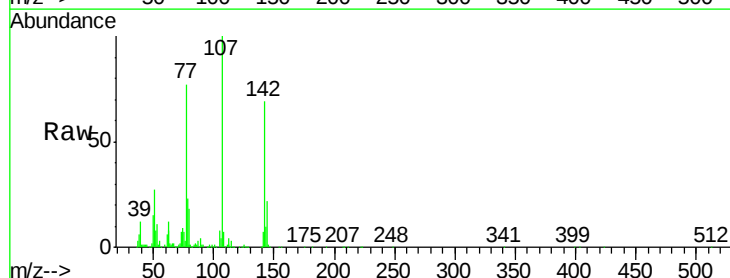
Tgt Ion:107 Resp: 199857

Ion Ratio Lower Upper

107 100

144 21.9 17.0 25.6

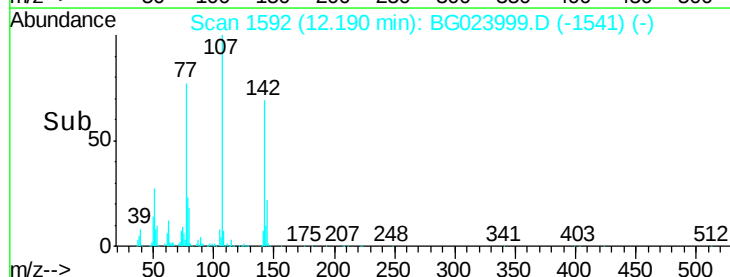
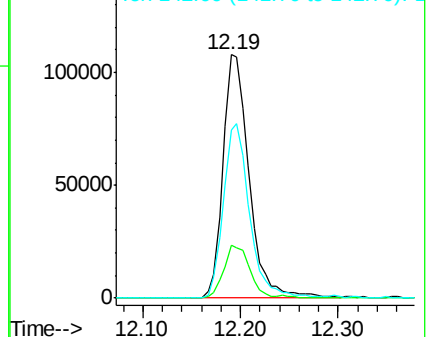
142 69.0 53.0 79.6

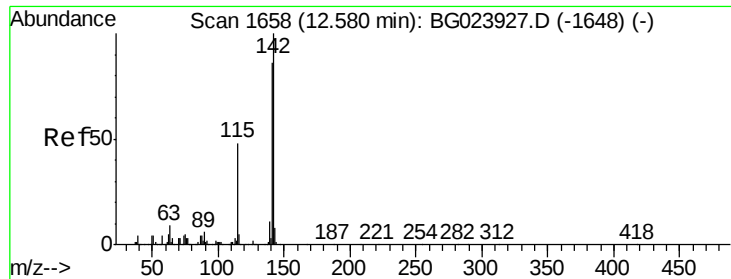


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG023927.D (-1592) (-)

Ion 142.00 (141.70 to 142.70): BG023927.D (-1592) (-)

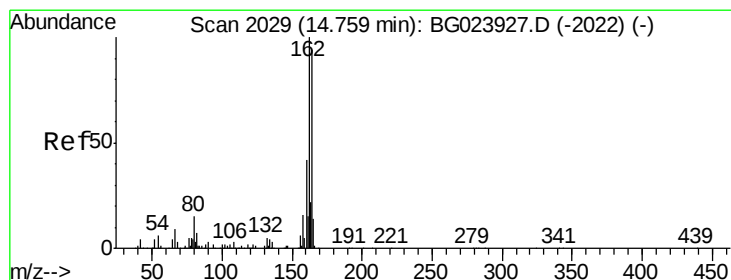
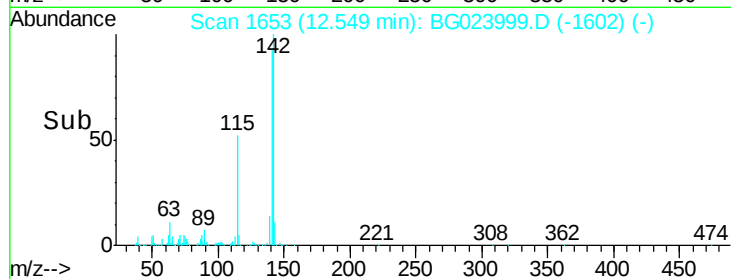
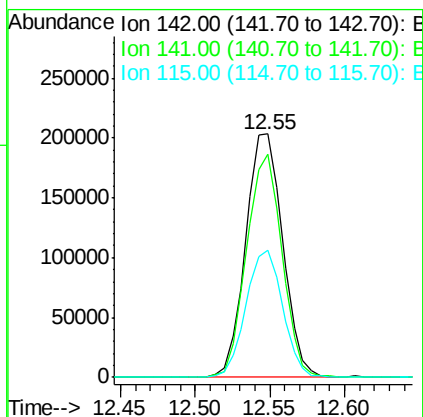
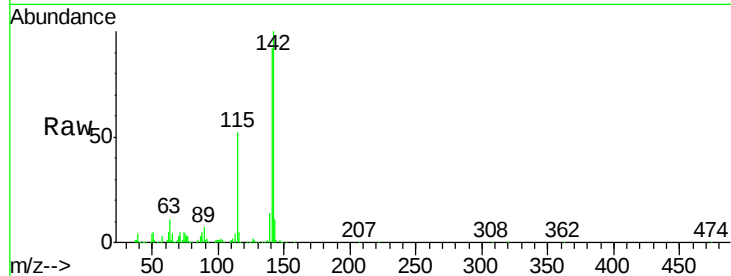




#37
2-Methylnaphthalene
Concen: 44.85 ng
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

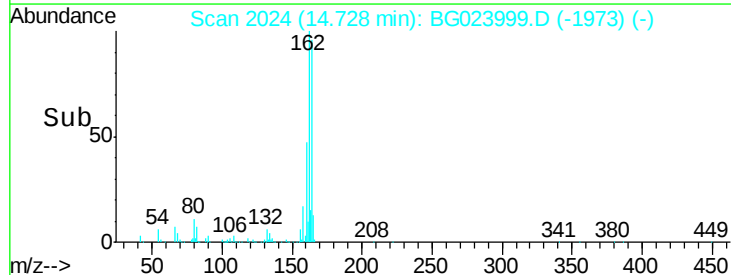
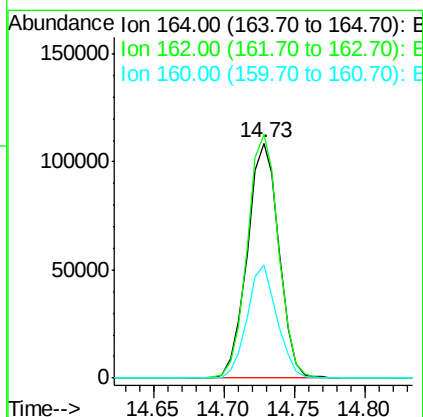
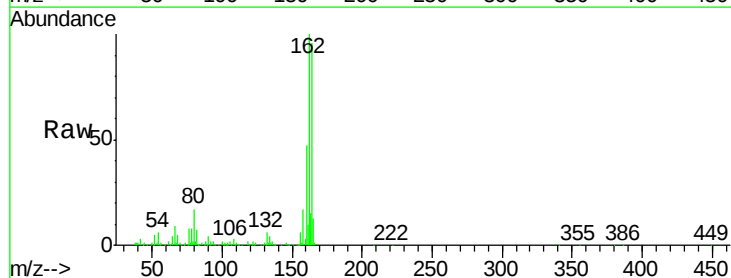
Instrument :
BNA_G
ClientSampleId :
PB93393BS

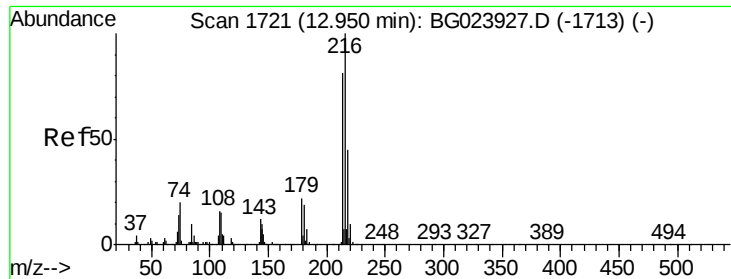
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.2	105.2
115	52.0	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	48.3	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.06 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

Tot Ion:216 Resp: 198435

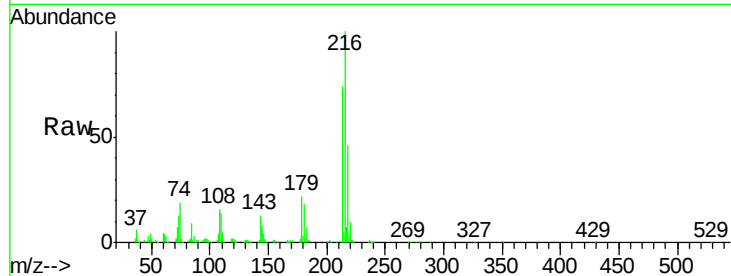
Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 21.8 17.2 25.8

108 21.8 16.3 24.5

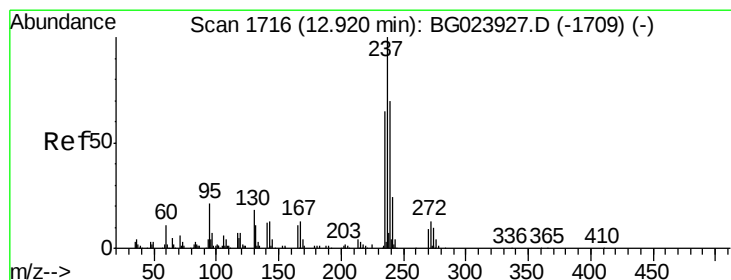
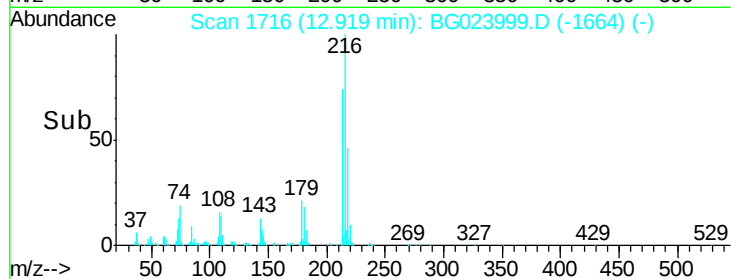
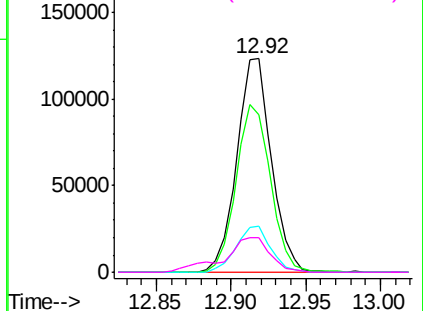


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.00 ng

RT: 12.88 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

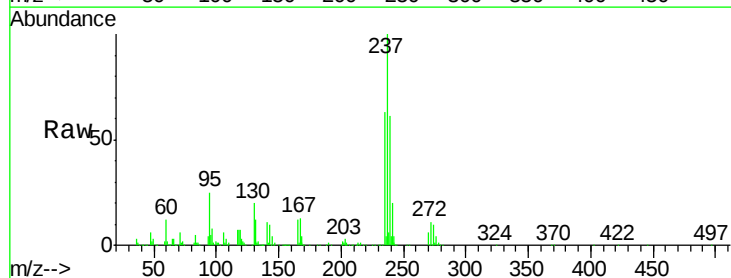
Tgt Ion:237 Resp: 261553

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

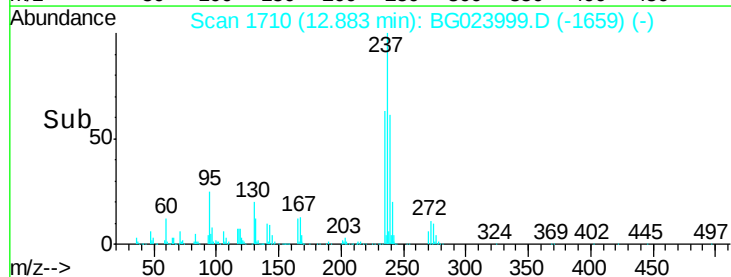
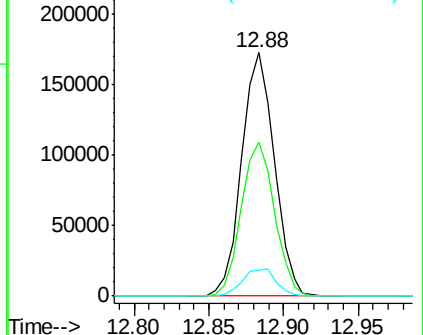
272 10.7 0.0 30.9

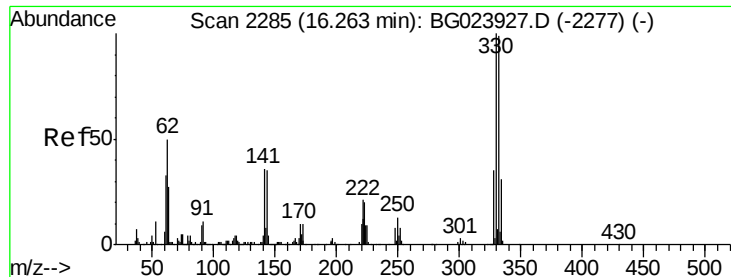


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 107.48 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

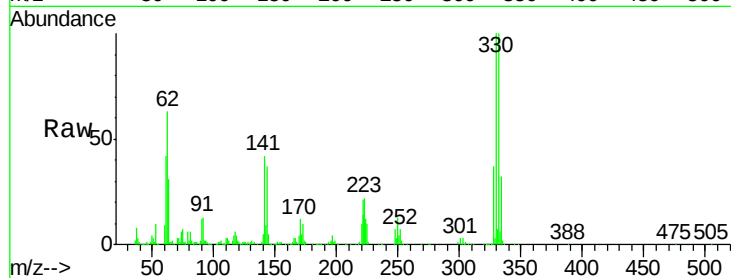
Tot Ion:330 Resp: 330151

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.2

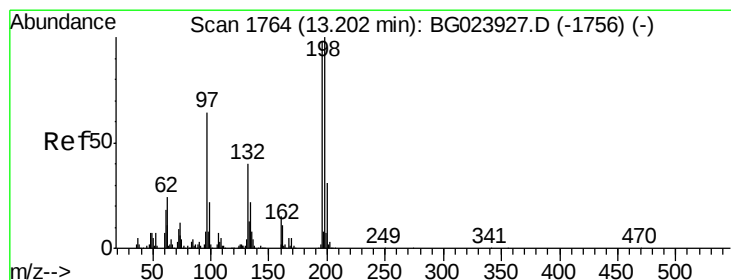
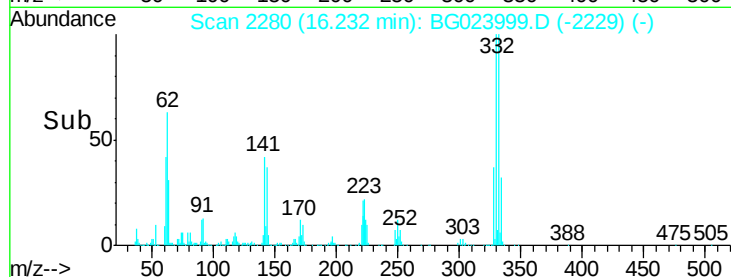
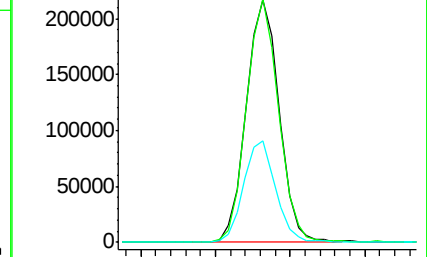
141 41.1 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.03 ng

RT: 13.17 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

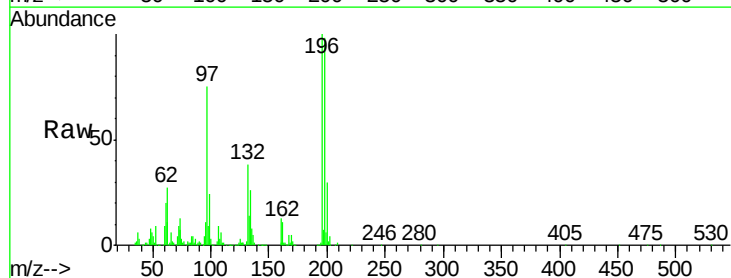
Tgt Ion:196 Resp: 151177

Ion Ratio Lower Upper

196 100

198 97.7 78.2 117.2

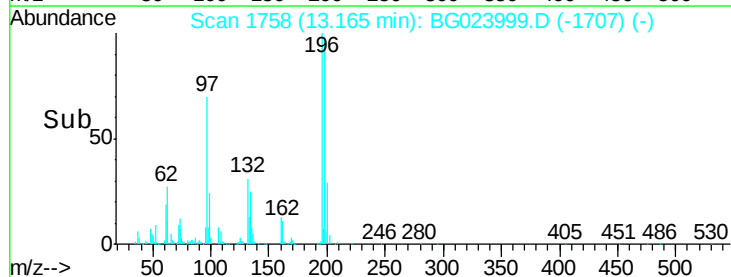
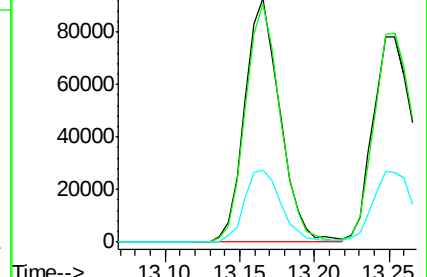
200 29.7 27.0 40.4

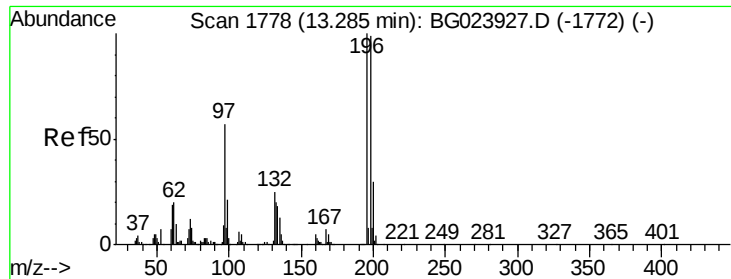


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

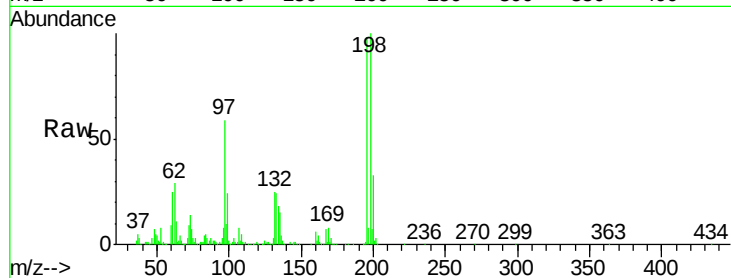




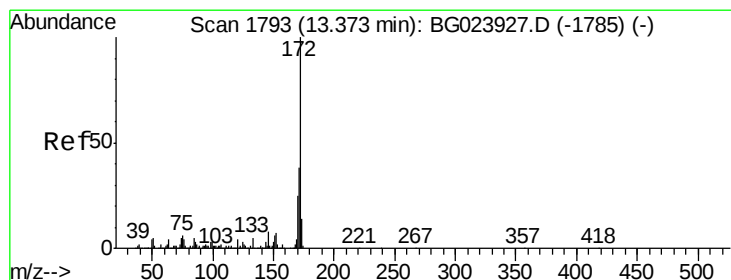
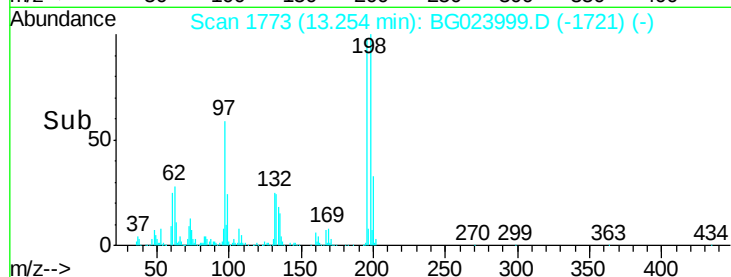
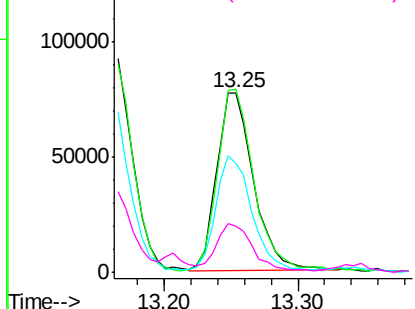
#43
 2,4,5-Trichlorophenol
 Concen: 39.39 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	102.1	85.7	128.5	
97	60.6	45.5	68.3	
132	25.3	18.9	28.3	

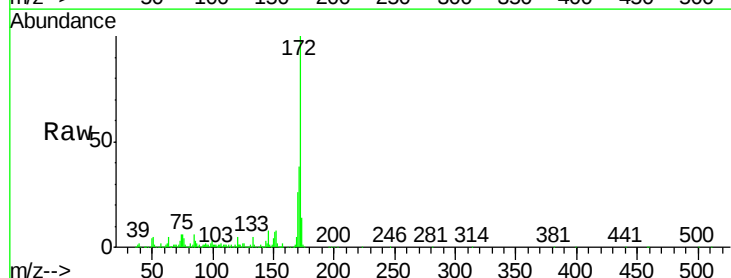


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGO
 Ion 132.00 (131.70 to 132.70): E

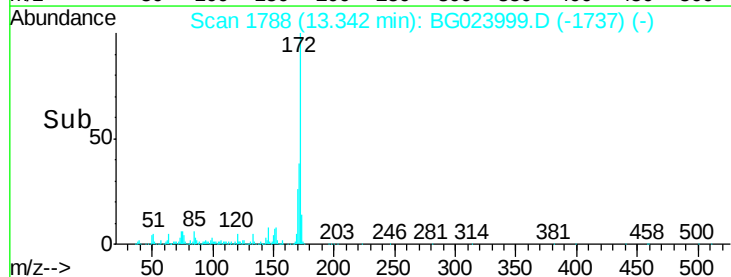
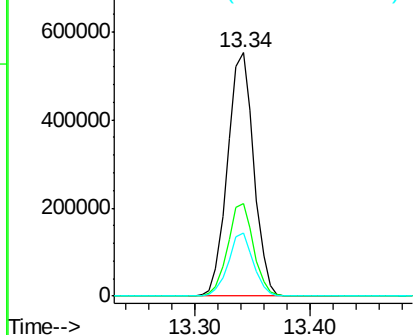


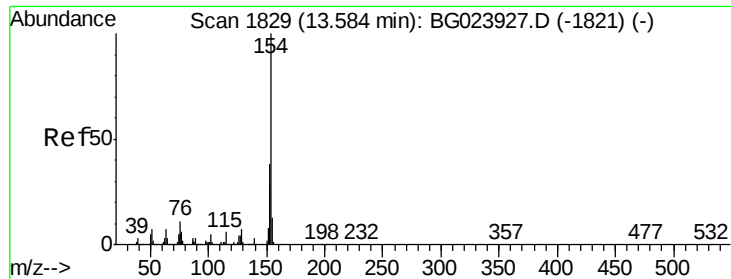
#44
 2-Fluorobiphenyl
 Concen: 72.78 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.2	31.6	47.4	
170	25.9	21.3	31.9	



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

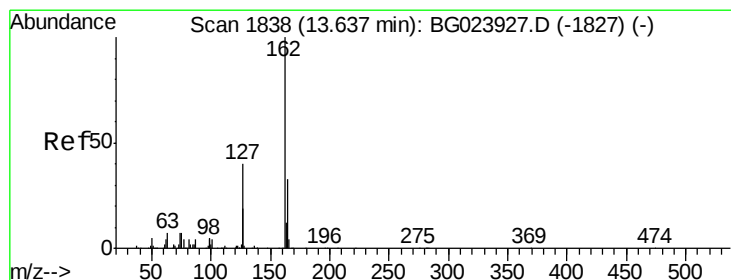
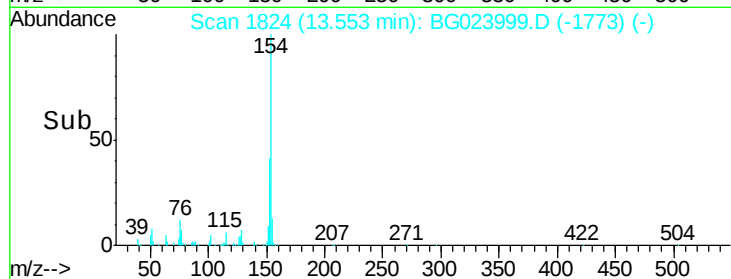
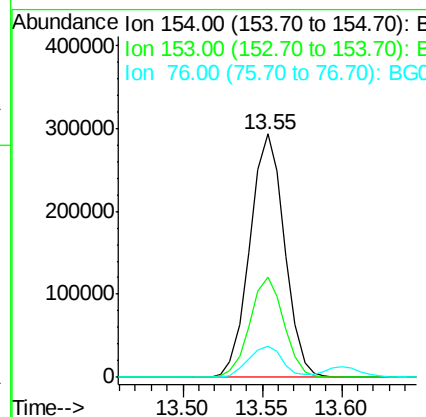
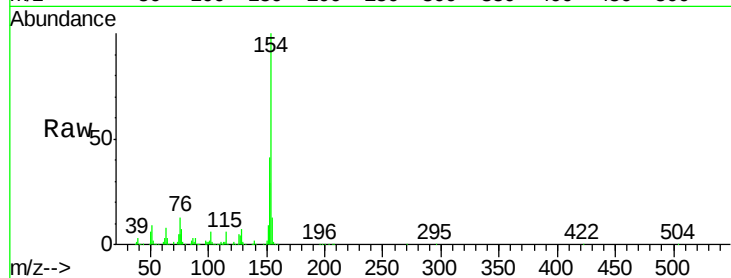




#45
 1,1'-Biphenyl
 Concen: 32.45 ng
 RT: 13.55 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

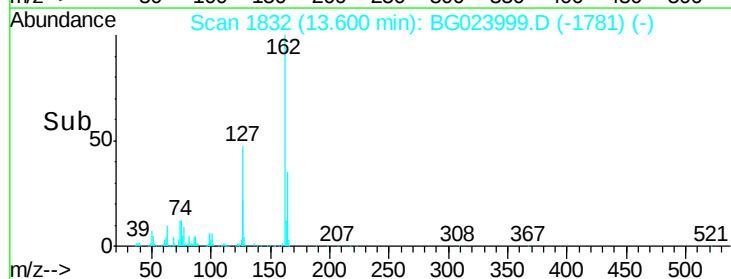
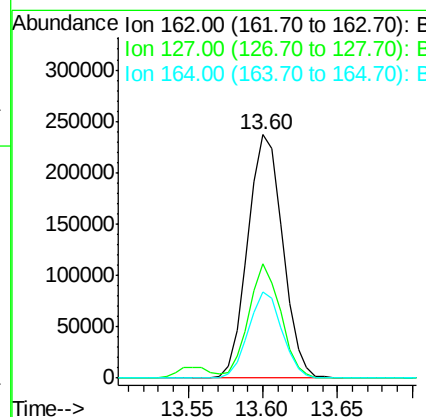
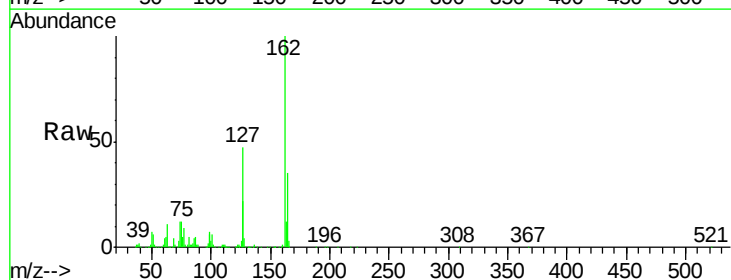
Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

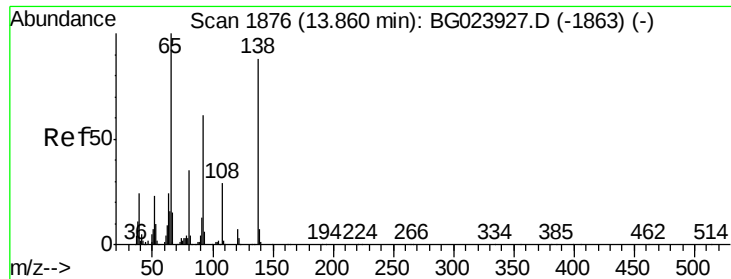
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	12.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.15 ng
 RT: 13.60 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	32.4	48.6
164	35.3	25.2	37.8

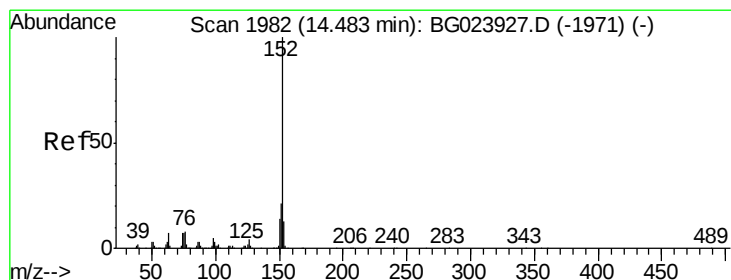
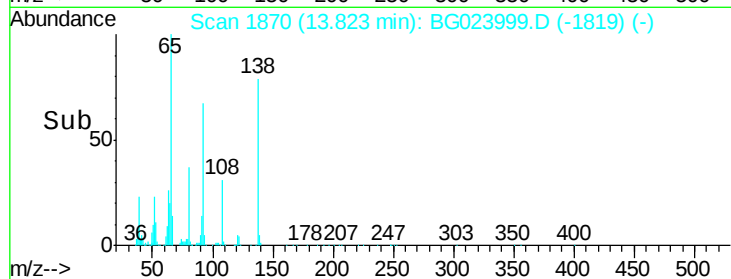
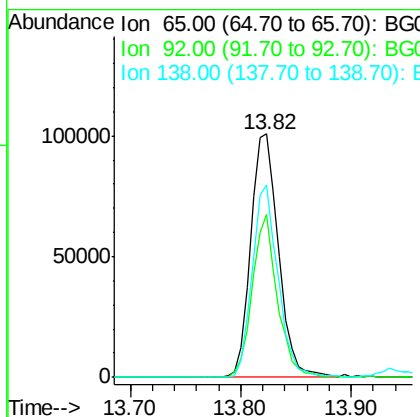
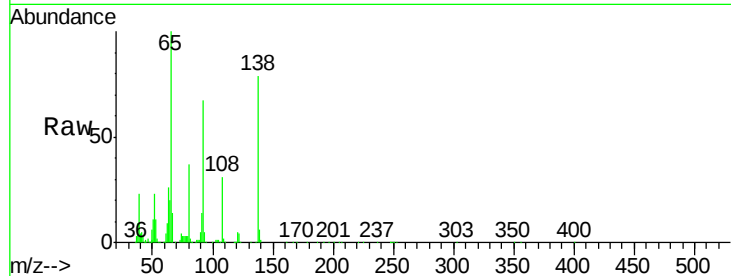




#47
2-Nitroaniline
Concen: 44.85 ng
RT: 13.82 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

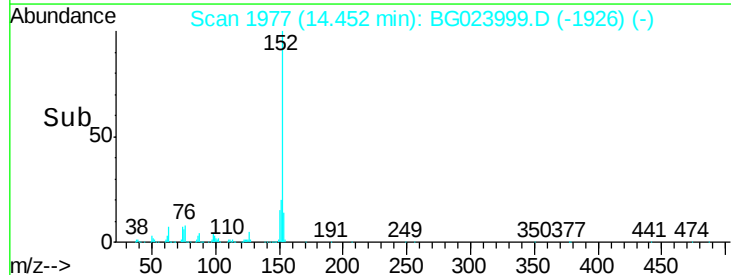
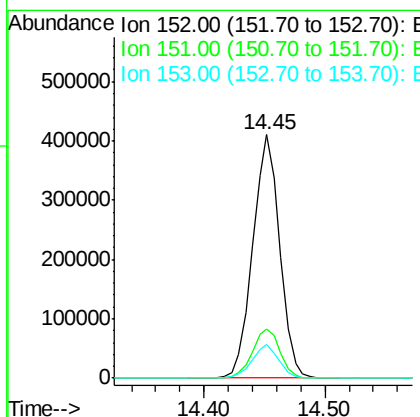
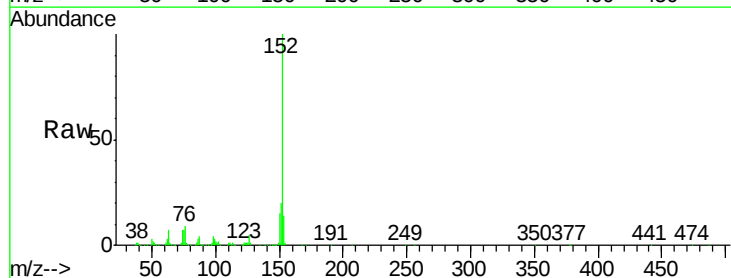
Instrument :
BNA_G
ClientSampleId :
PB93393BS

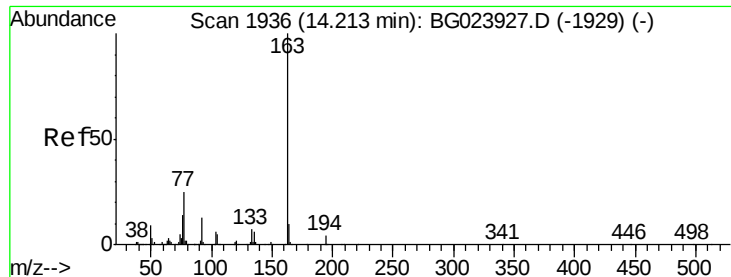
Tot Ion: 65 Resp: 177842
Ion Ratio Lower Upper
65 100
92 67.0 49.4 74.0
138 79.0 58.0 87.0



#48
Acenaphthylene
Concen: 37.89 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 152 Resp: 635819
Ion Ratio Lower Upper
152 100
151 20.0 17.6 26.4
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 37.95 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

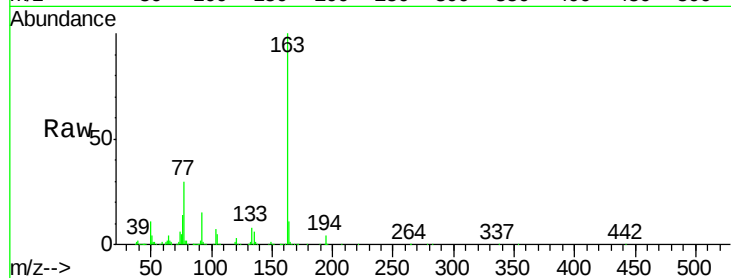
Tot Ion:163 Resp: 554760

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

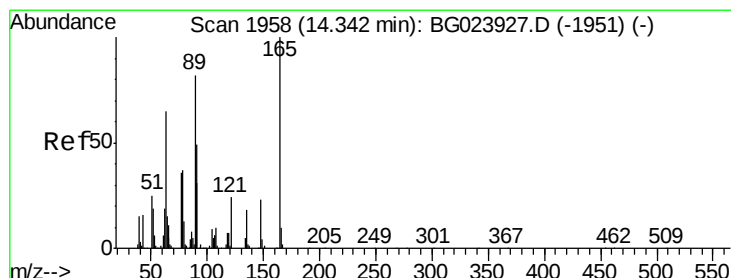
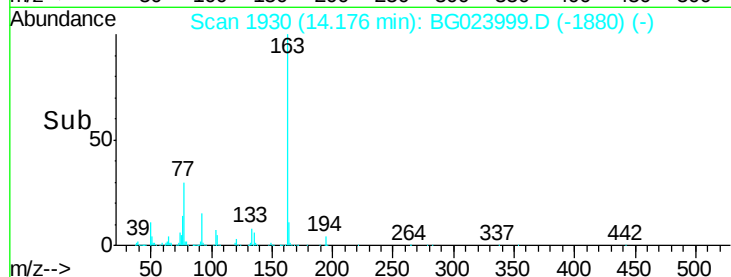
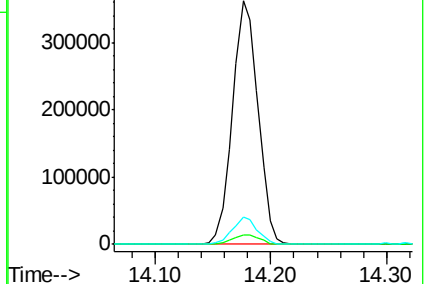
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.00 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

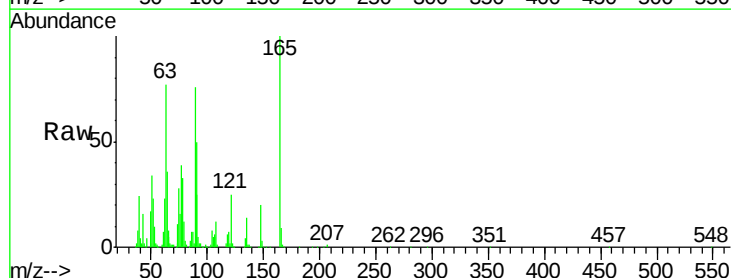
Tgt Ion:165 Resp: 126523

Ion Ratio Lower Upper

165 100

63 76.7 64.3 96.5

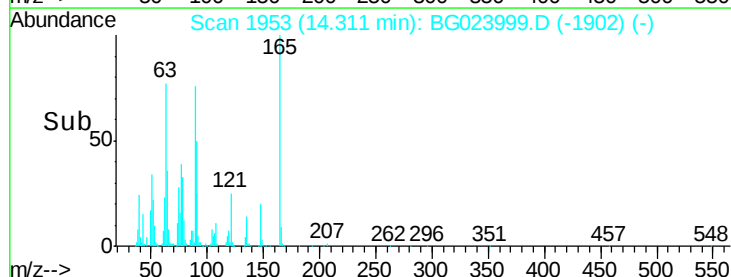
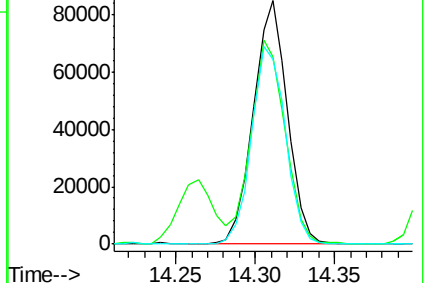
89 76.1 64.3 96.5

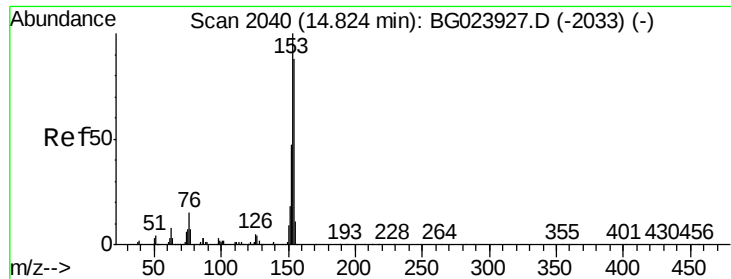


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.75 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

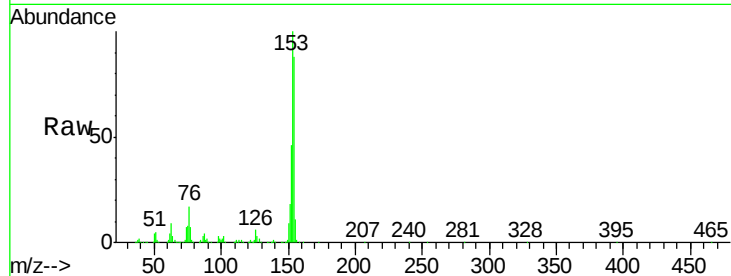
Tot Ion:154 Resp: 402055

Ion Ratio Lower Upper

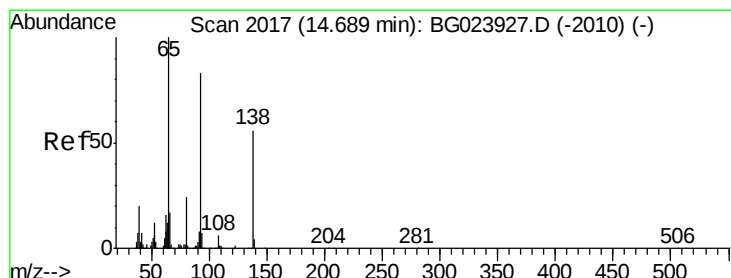
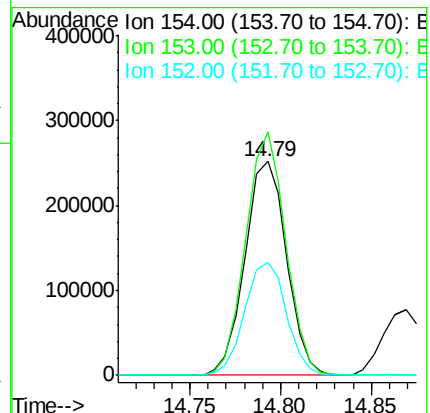
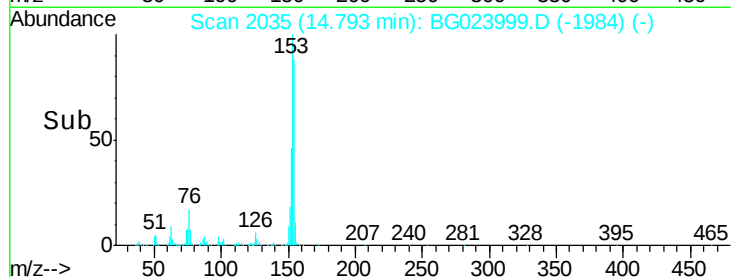
154 100

153 113.8 87.5 131.3

152 52.8 42.7 64.1



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: 19.06 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

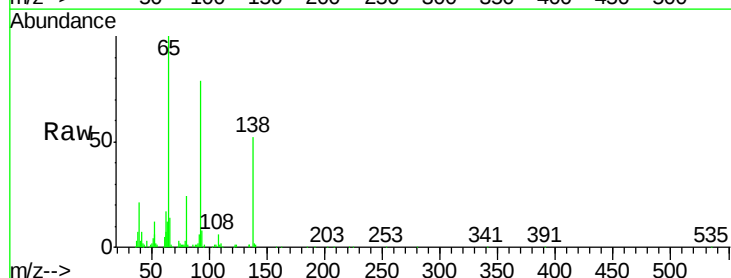
Tgt Ion:138 Resp: 55009

Ion Ratio Lower Upper

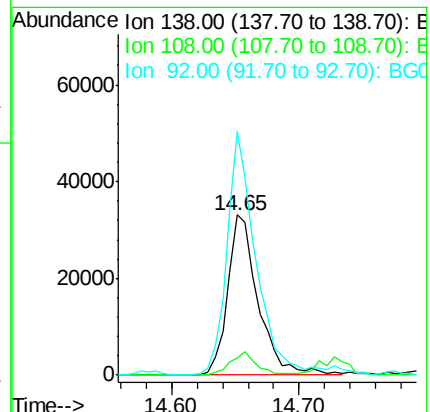
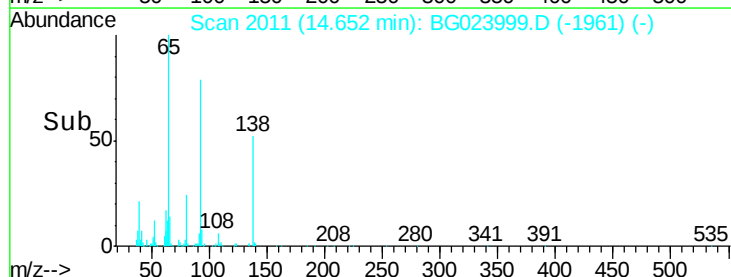
138 100

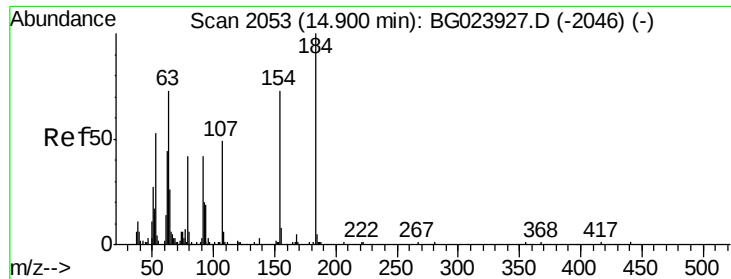
108 11.1 11.7 17.5#

92 152.3 129.7 194.5



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

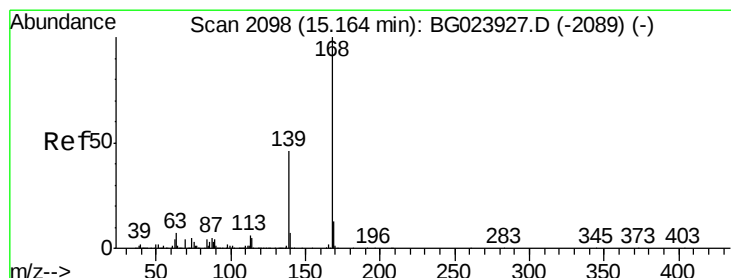
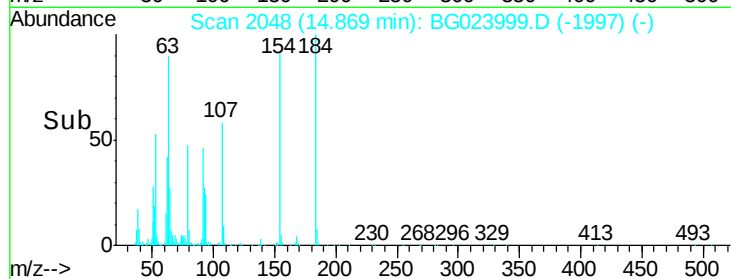
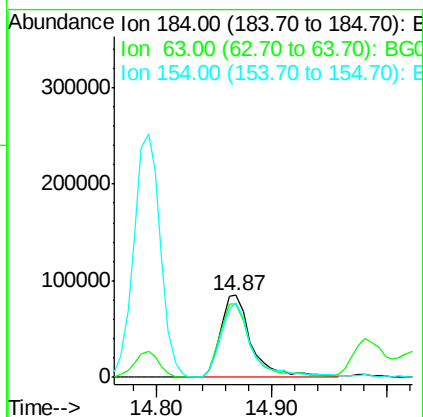
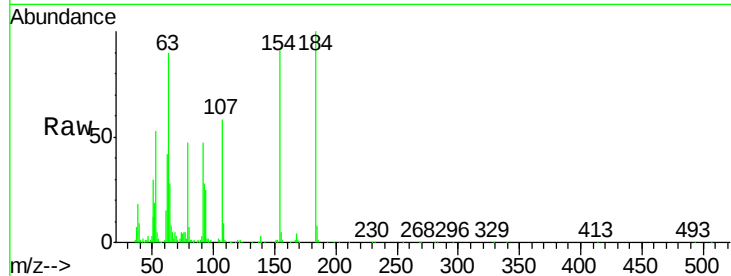




#53
2,4-Dinitrophenol
Concen: 71.27 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

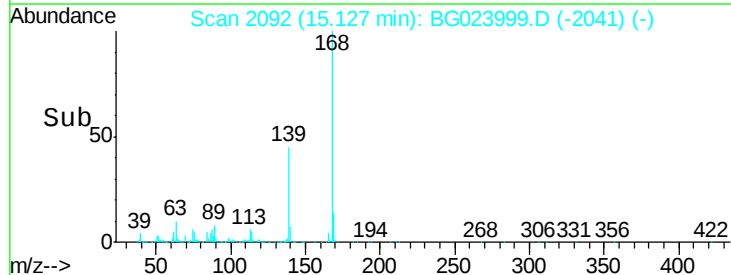
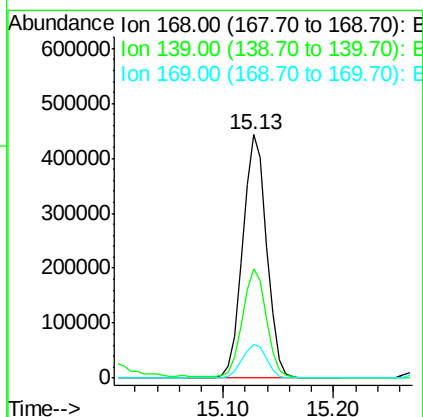
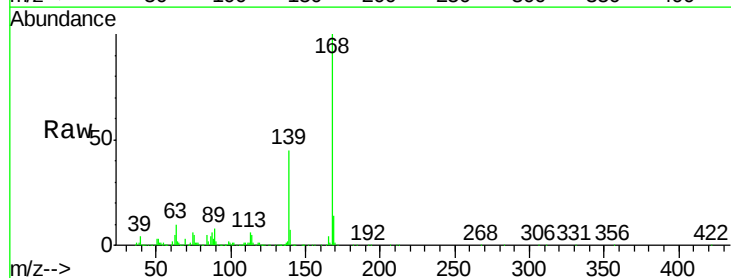
Instrument :
BNA_G
ClientSampleId :
PB93393BS

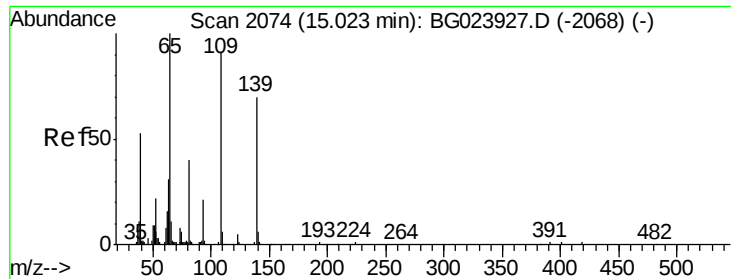
Tot Ion:184 Resp: 159057
Ion Ratio Lower Upper
184 100
63 89.7 59.6 89.4#
154 91.4 67.4 101.0



#54
Dibenzofuran
Concen: 41.58 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:168 Resp: 673354
Ion Ratio Lower Upper
168 100
139 45.0 36.4 54.6
169 13.6 11.9 17.9

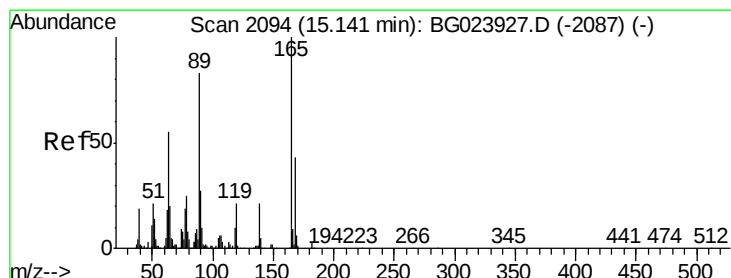
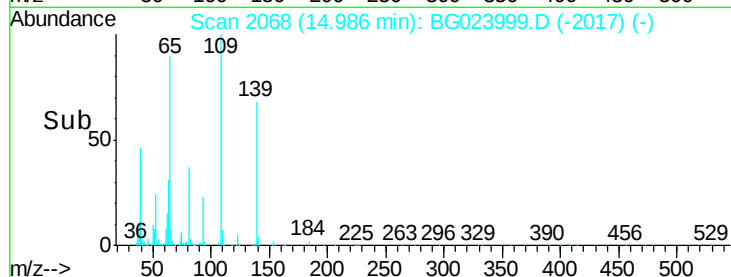
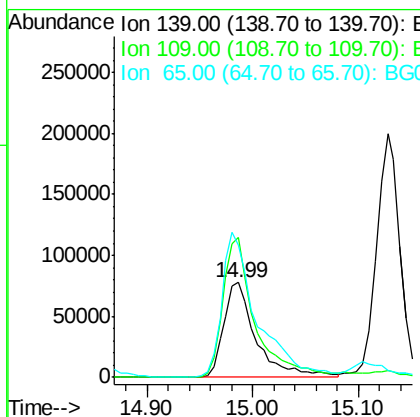
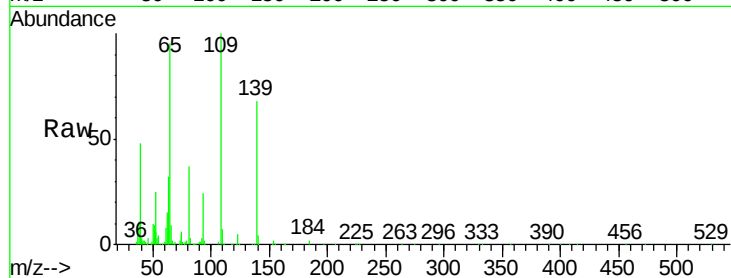




#55
4-Nitrophenol
Concen: 71.67 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

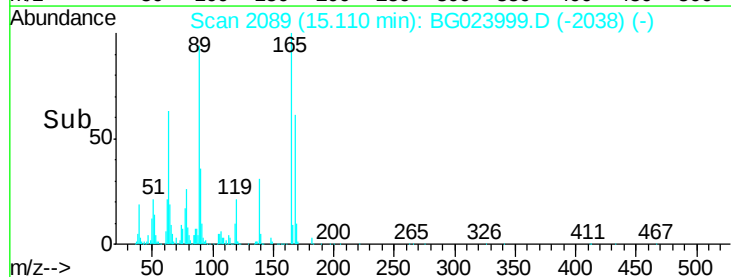
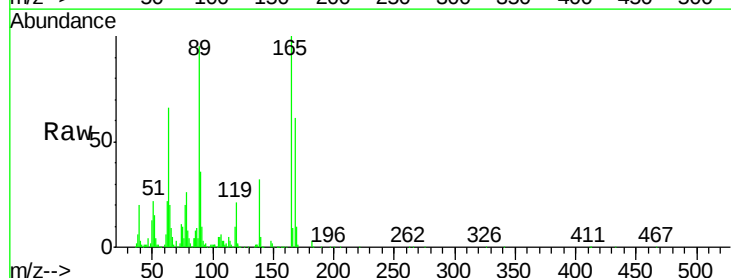
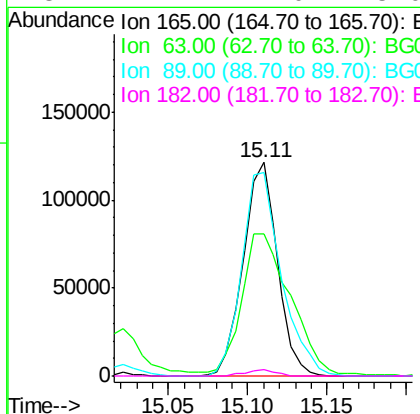
Instrument :
BNA_G
ClientSampleId :
PB93393BS

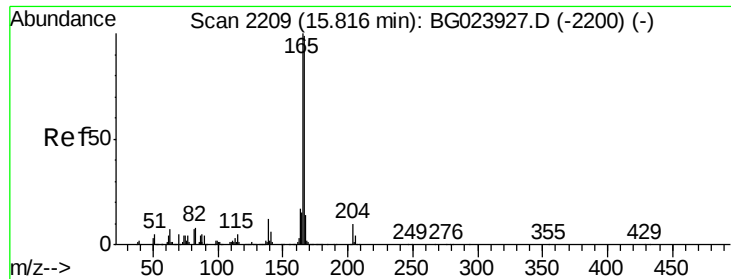
Tot Ion:139 Resp: 164613
Ion Ratio Lower Upper
139 100
109 147.3 103.0 143.0#
65 139.7 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:165 Resp: 181233
Ion Ratio Lower Upper
165 100
63 66.3 45.8 68.6
89 95.0 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 39.68 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

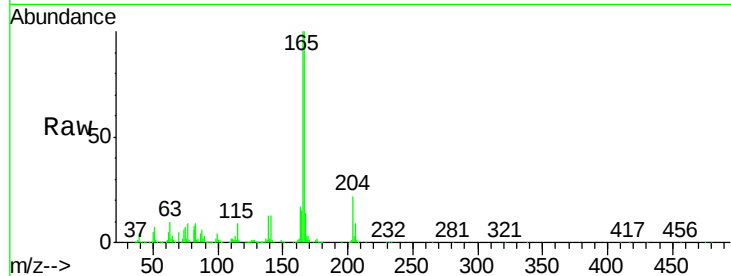
Tot Ion:166 Resp: 557212

Ion Ratio Lower Upper

166 100

165 99.9 81.0 121.6

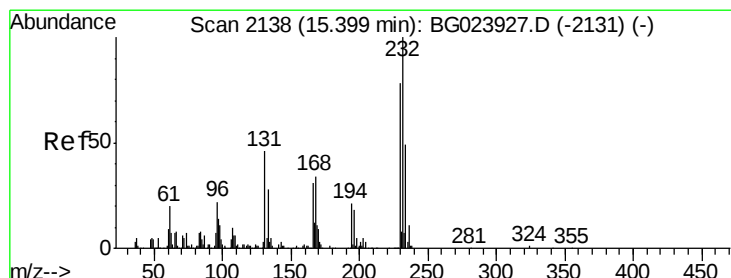
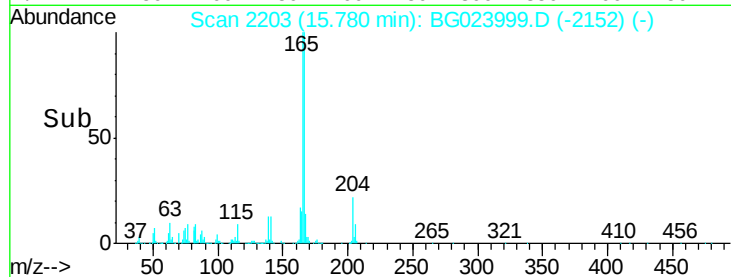
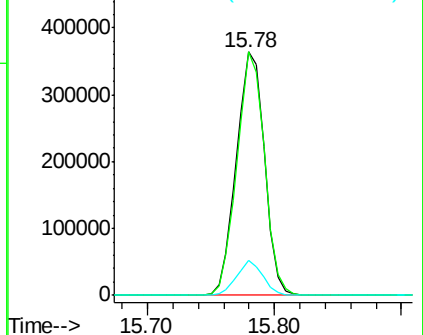
167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.68 ng

RT: 15.36 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Tgt Ion:232 Resp: 169262

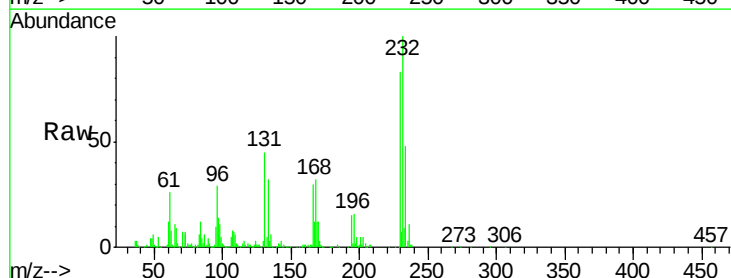
Ion Ratio Lower Upper

232 100

131 44.9 32.7 49.1

130 2.7 2.6 3.8

166 28.9 23.0 34.6

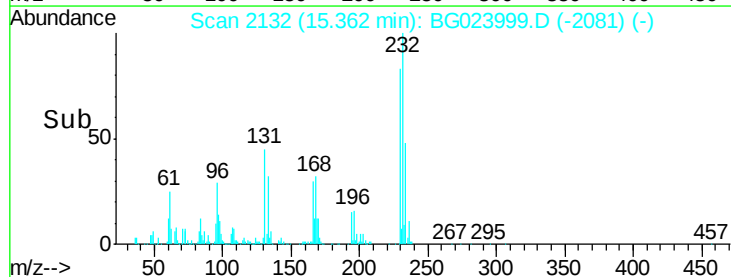
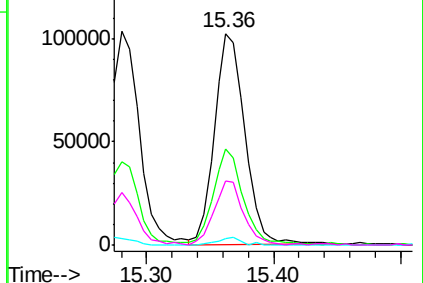


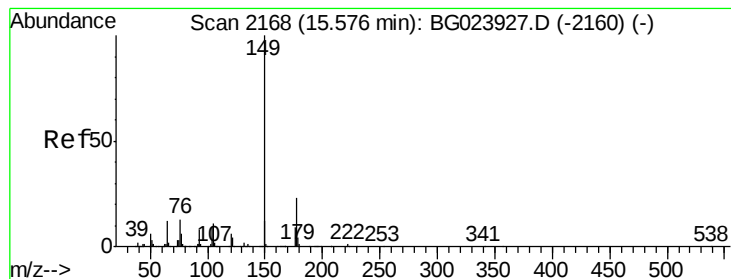
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.39 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

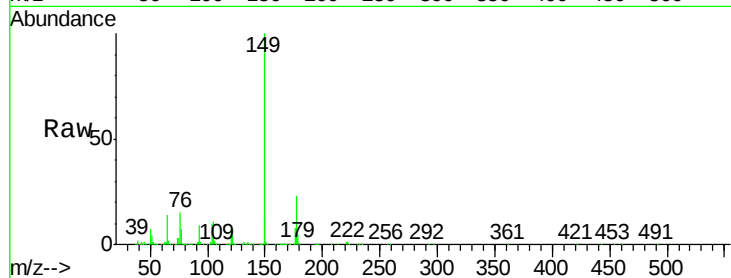
Tot Ion:149 Resp: 599186

Ion Ratio Lower Upper

149 100

177 23.2 19.2 28.8

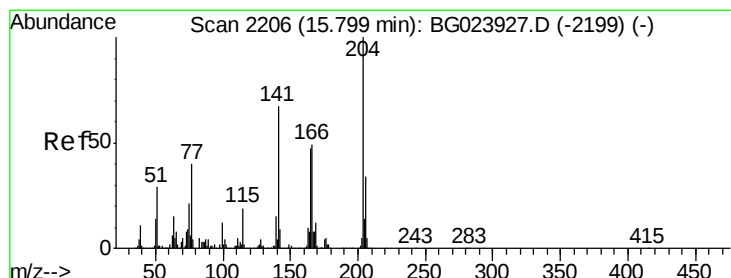
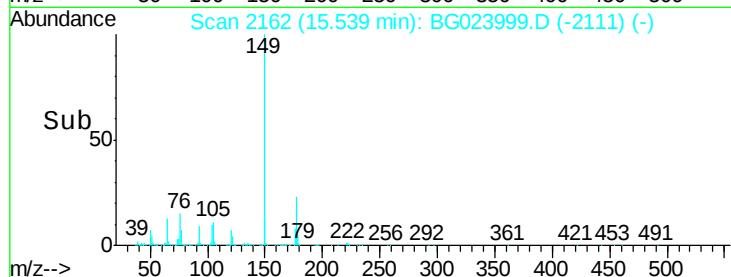
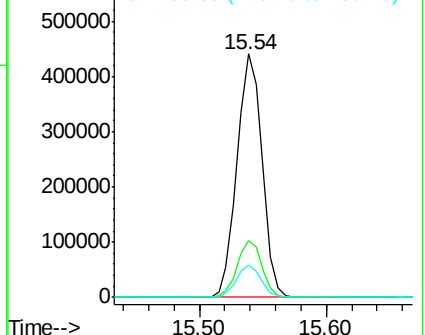
150 13.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.34 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

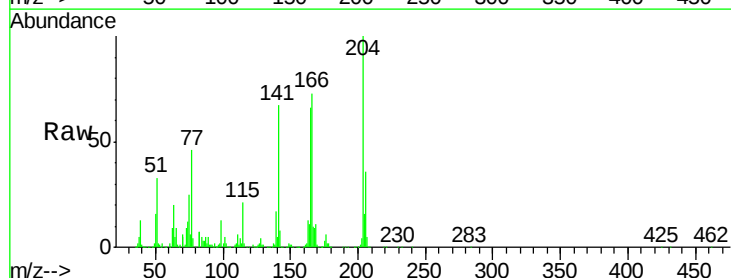
Tgt Ion:204 Resp: 304945

Ion Ratio Lower Upper

204 100

206 35.8 28.5 42.7

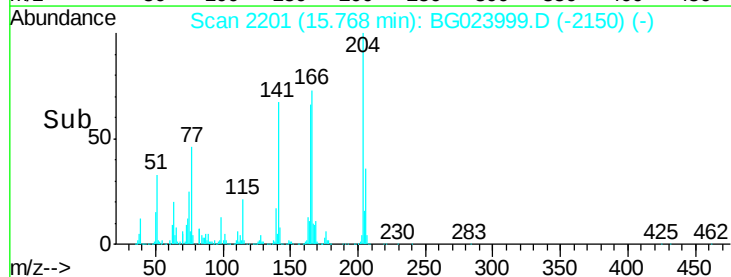
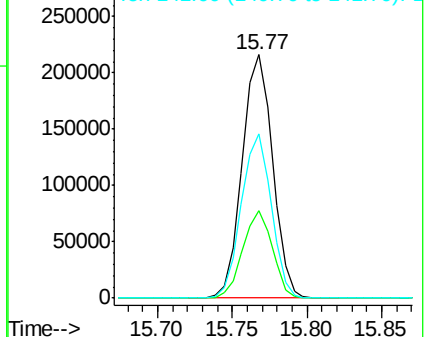
141 67.2 51.4 77.0

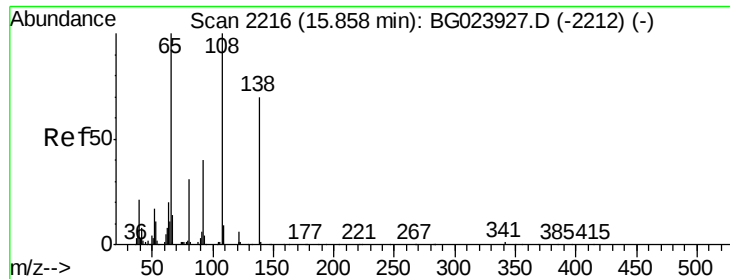


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

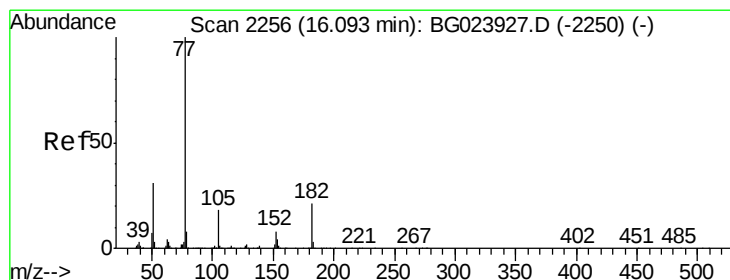
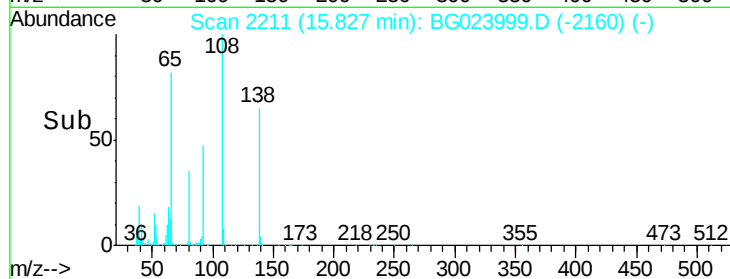
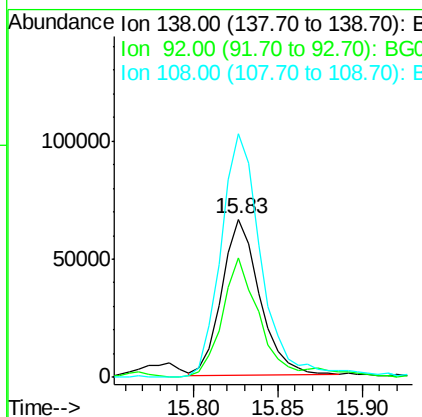
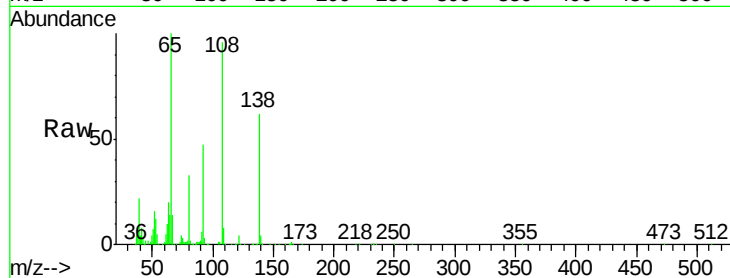




#61
4-Nitroaniline
Concen: 35.66 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

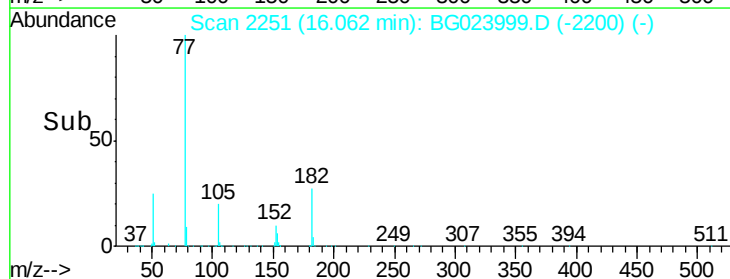
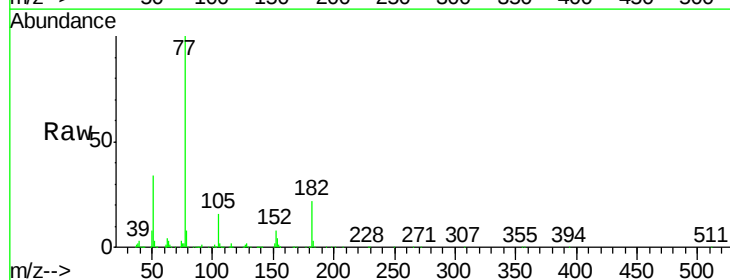
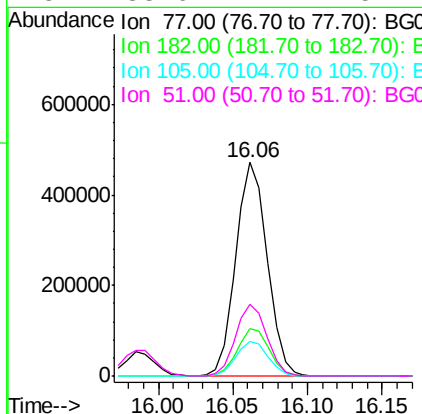
Instrument :
BNA_G
ClientSampleId :
PB93393BS

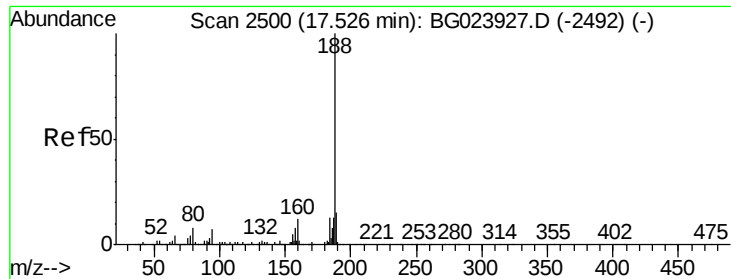
Tot Ion:138 Resp: 104065
Ion Ratio Lower Upper
138 100
92 75.2 54.1 94.1
108 154.0 133.9 173.9



#62
Azobenzene
Concen: 45.54 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 77 Resp: 688336
Ion Ratio Lower Upper
77 100
182 21.9 3.5 43.5
105 16.2 0.0 38.5
51 33.6 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

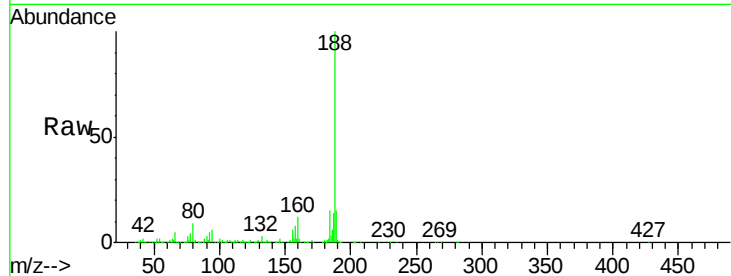
Tot Ion:188 Resp: 387640

Ion Ratio Lower Upper

188 100

94 5.7 5.2 7.8

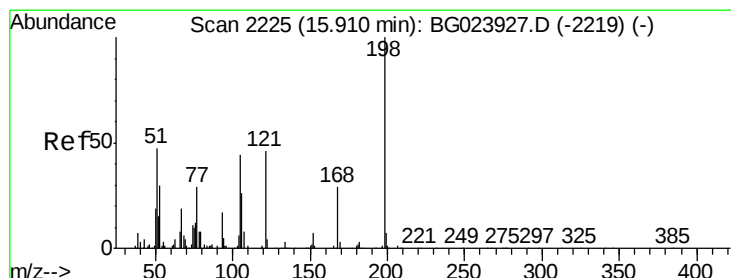
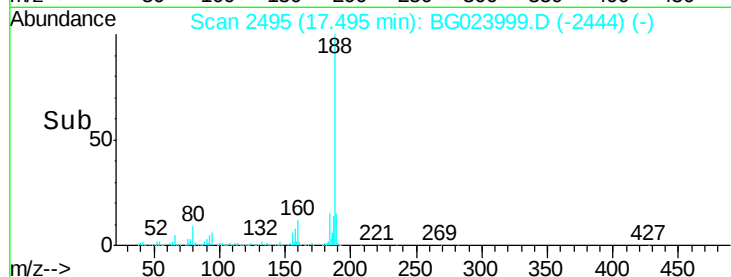
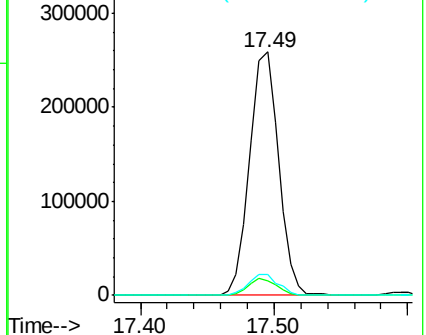
80 8.7 7.2 10.8



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: 43.57 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

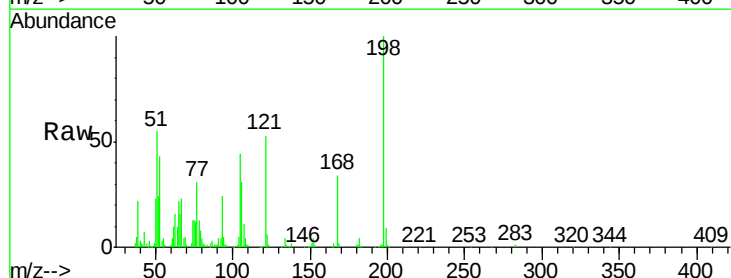
Tgt Ion:198 Resp: 117267

Ion Ratio Lower Upper

198 100

51 54.8 26.0 66.0

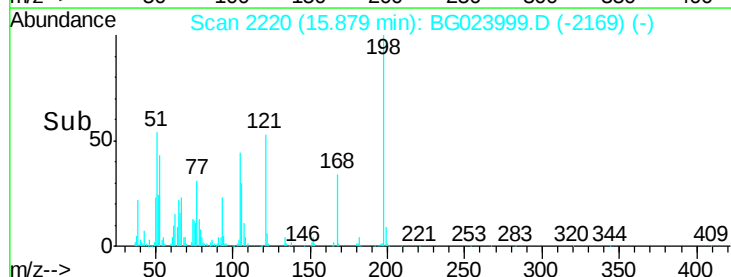
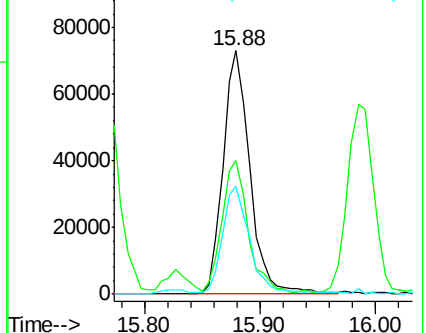
105 44.2 20.1 60.1

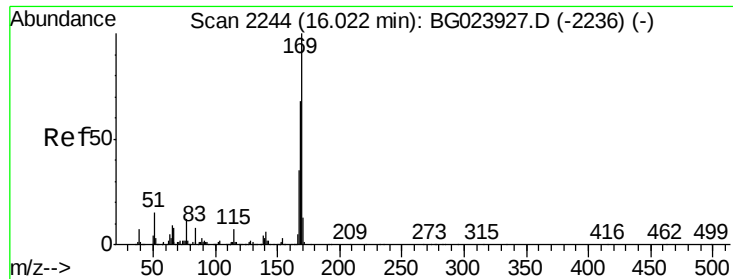


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

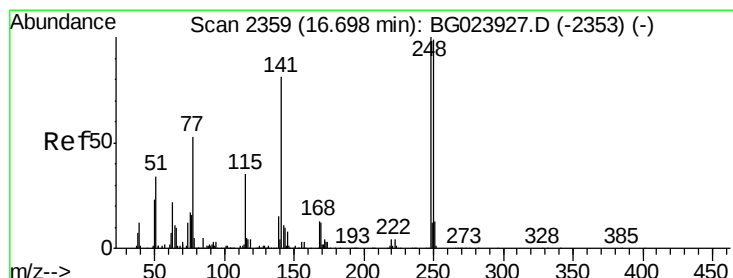
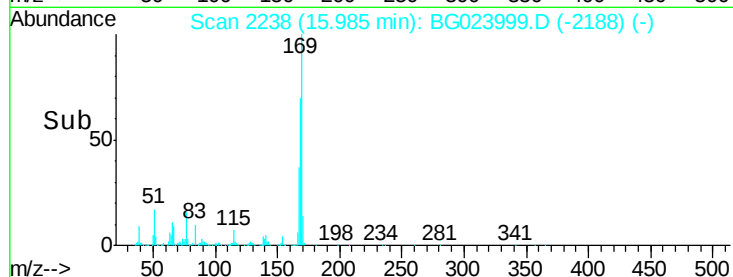
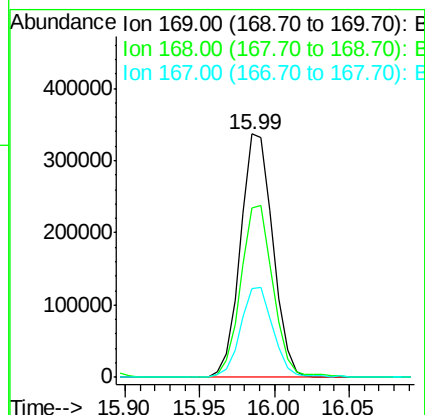
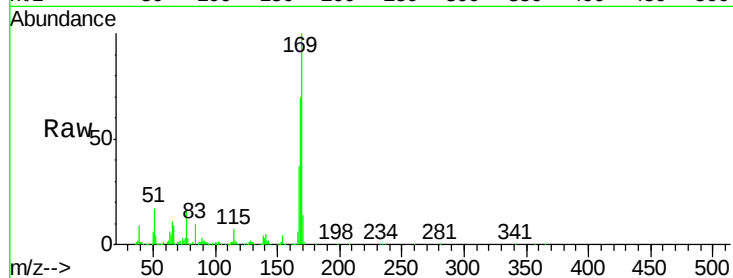




#65
n-Nitrosodiphenylamine
Concen: 45.96 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

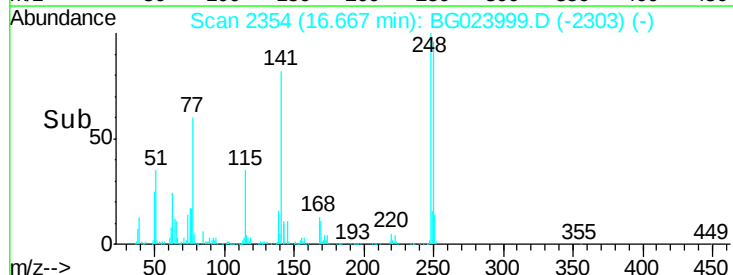
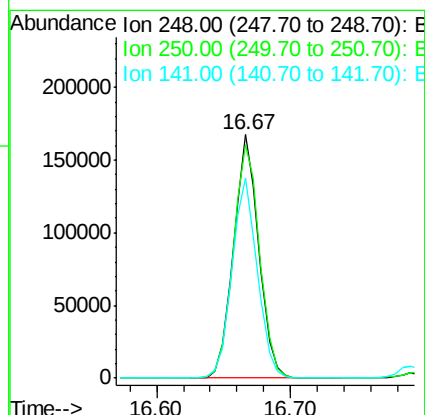
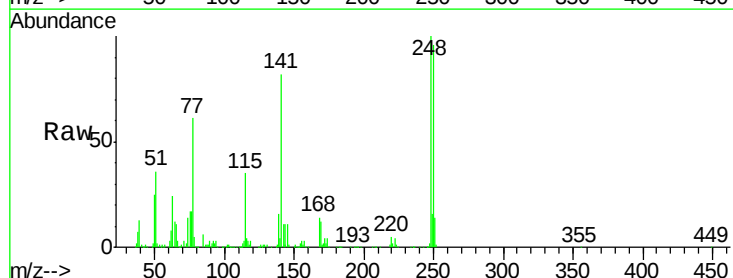
Instrument :
BNA_G
ClientSampleId :
PB93393BS

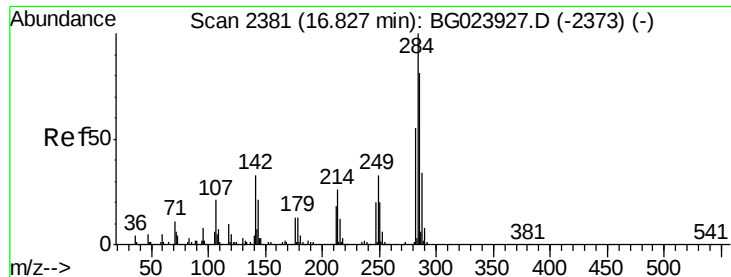
Tot Ion:169 Resp: 506028
Ion Ratio Lower Upper
169 100
168 69.6 55.0 82.4
167 36.7 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 46.82 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:248 Resp: 220821
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 82.1 65.7 98.5





#67

Hexachlorobenzene

Concen: 41.19 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

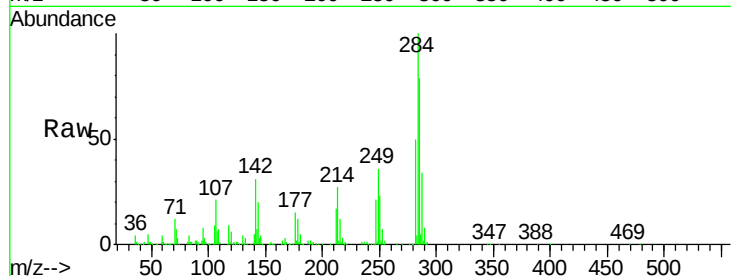
Tot Ion:284 Resp: 227827

Ion Ratio Lower Upper

284 100

142 30.7 26.8 40.2

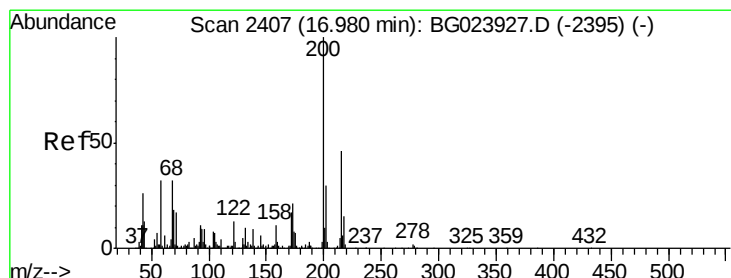
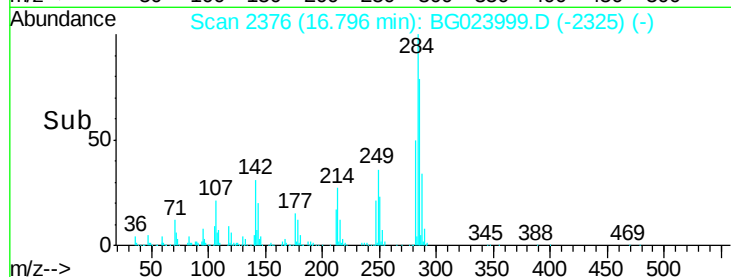
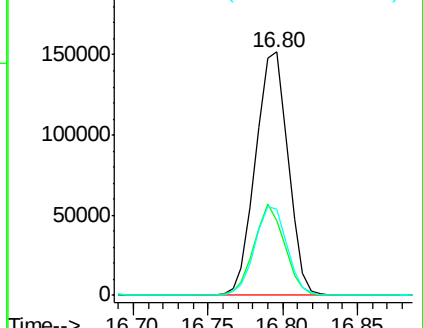
249 35.6 28.9 43.3



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: 45.32 ng

RT: 16.94 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

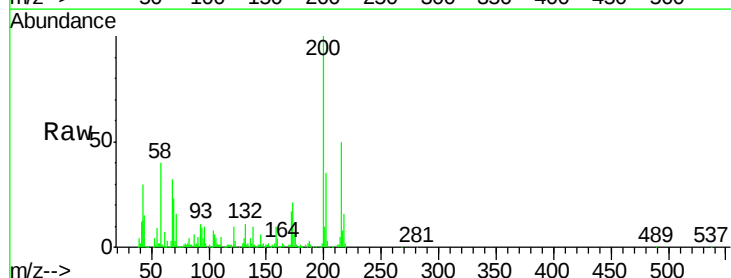
Tgt Ion:200 Resp: 214707

Ion Ratio Lower Upper

200 100

173 21.5 1.6 41.6

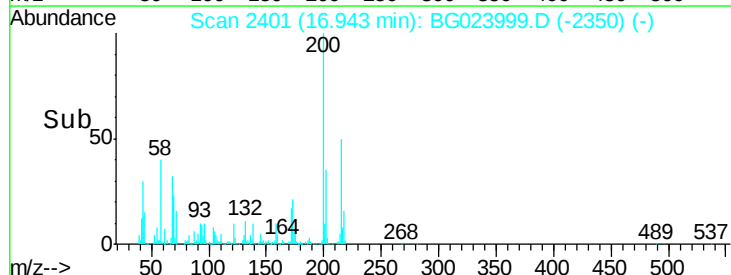
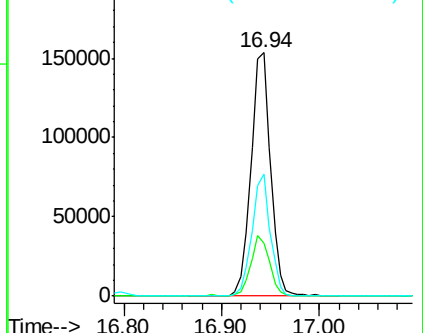
215 49.9 28.7 68.7

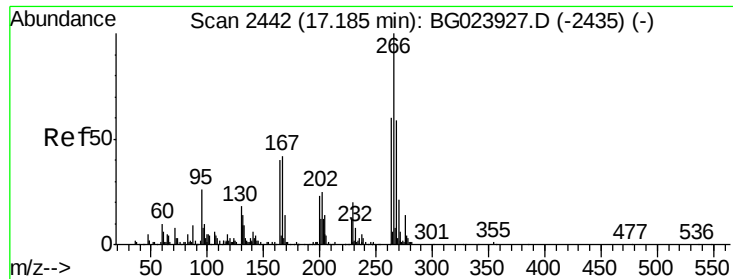


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 83.35 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

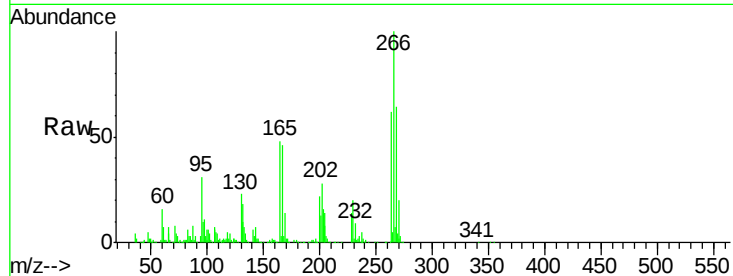
Tot Ion:266 Resp: 244863

Ion Ratio Lower Upper

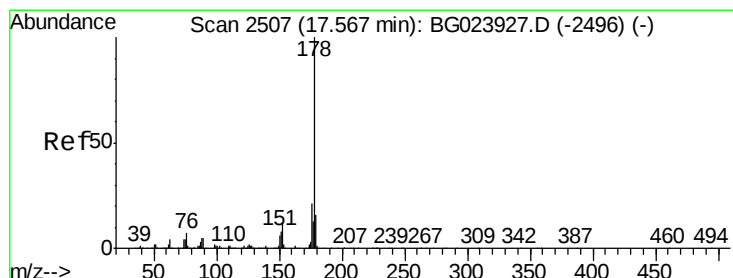
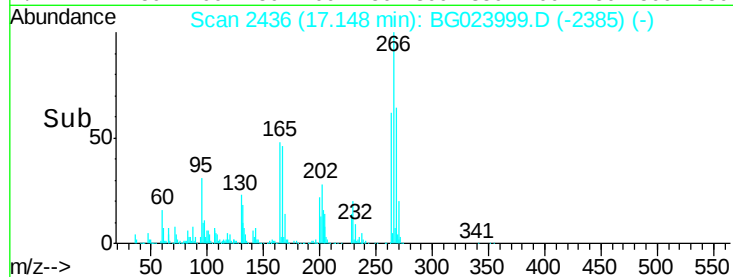
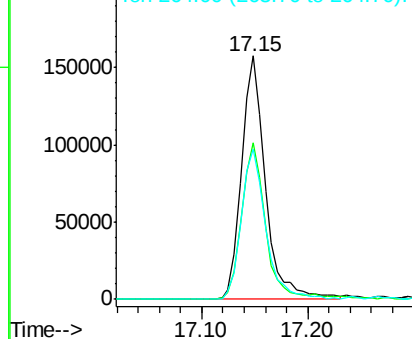
266 100

268 64.2 51.9 77.9

264 61.5 50.6 75.8



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



#70

Phenanthrene

Concen: 47.04 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

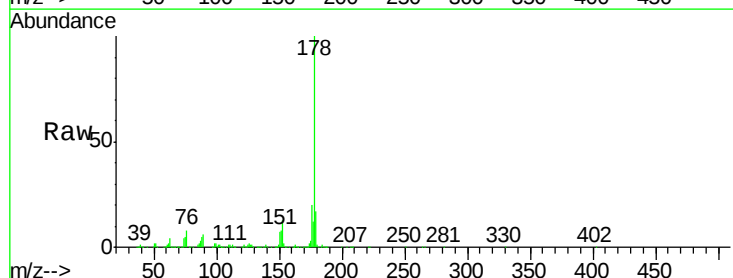
Tgt Ion:178 Resp: 948588

Ion Ratio Lower Upper

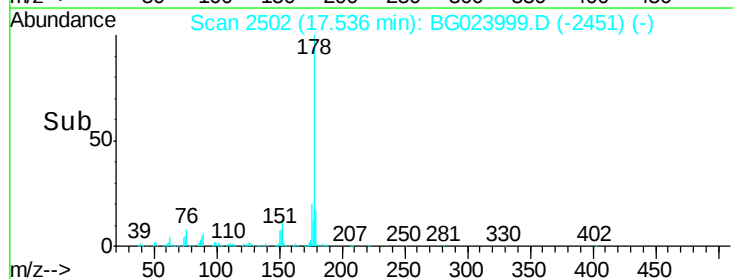
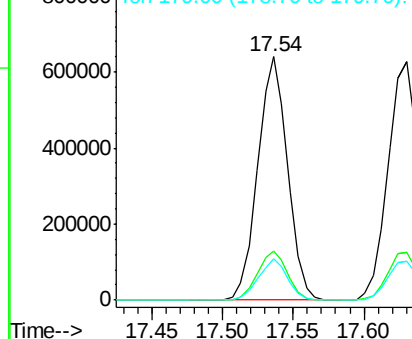
178 100

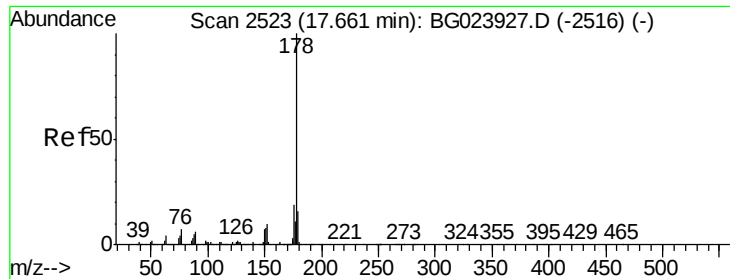
176 20.3 16.8 25.2

179 17.2 14.3 21.5



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

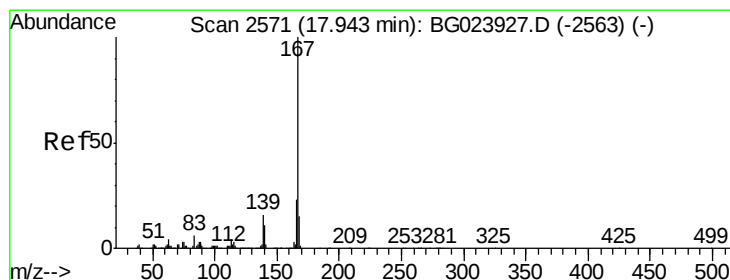
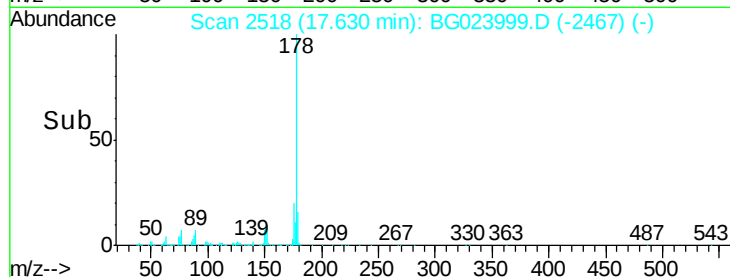
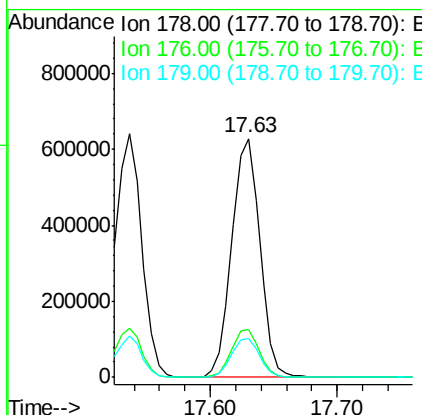
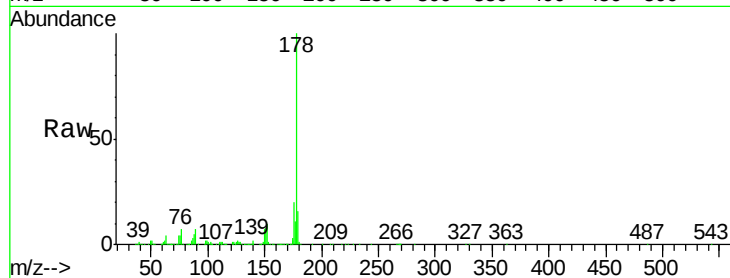




#71
 Anthracene
 Concen: 46.63 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

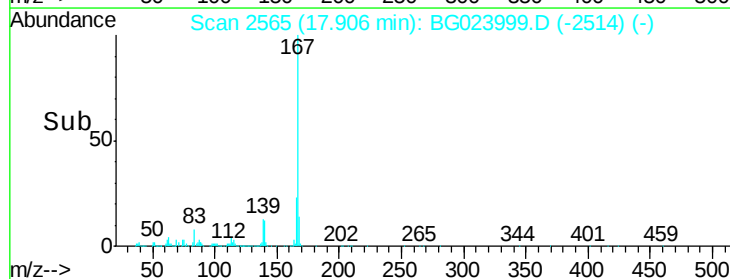
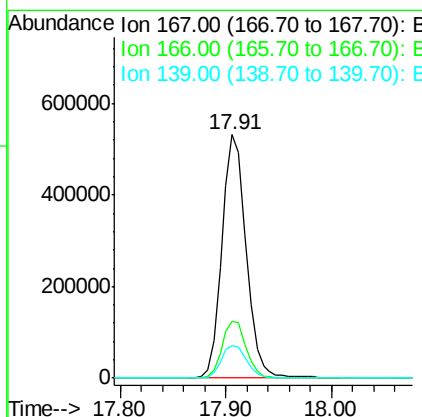
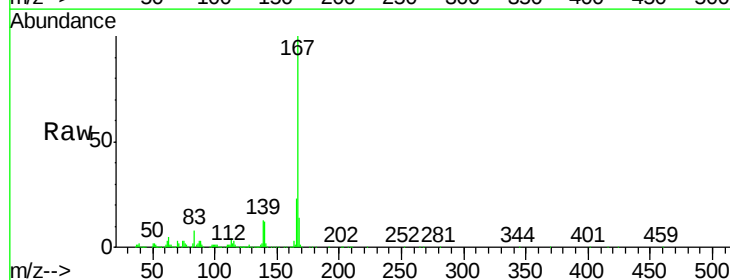
Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

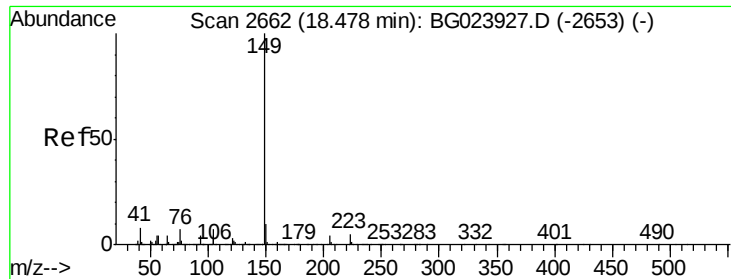
Tot Ion:178 Resp: 959202
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 16.4 14.0 21.0



#72
 Carbazole
 Concen: 45.35 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion:167 Resp: 846423
 Ion Ratio Lower Upper
 167 100
 166 23.4 20.7 31.1
 139 13.1 11.9 17.9





#73

Di-n-butylphthalate

Concen: 45.79 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

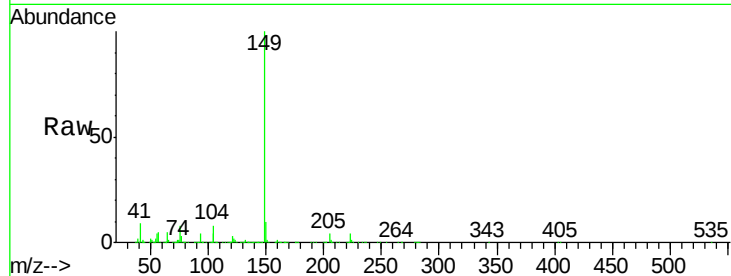
Tot Ion:149 Resp: 1019662

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

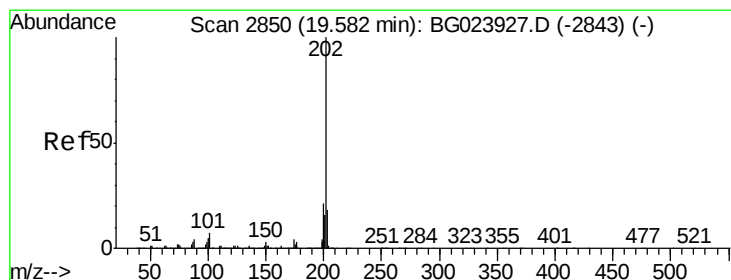
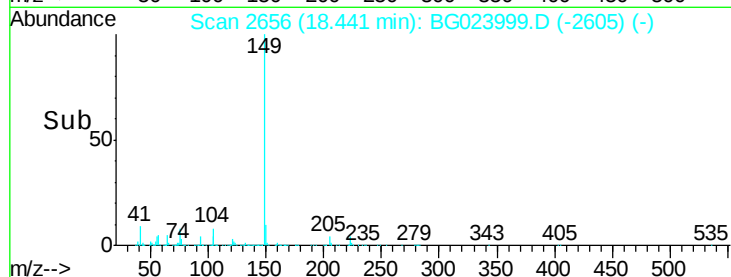
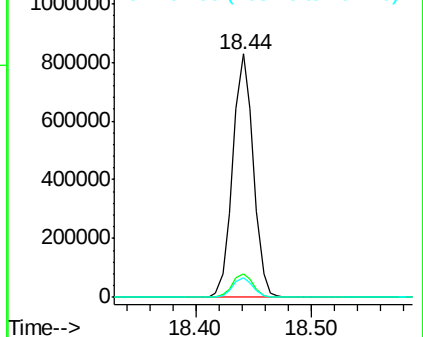
104 8.1 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.50 ng

RT: 19.55 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

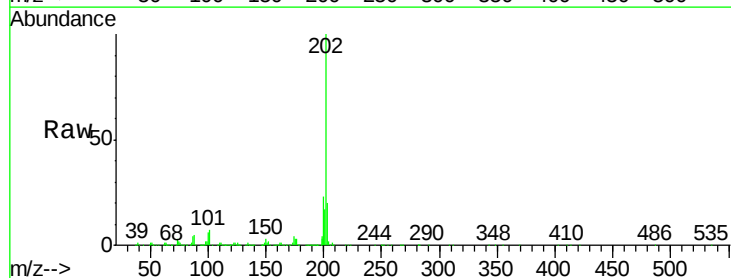
Tgt Ion:202 Resp: 1177542

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.4

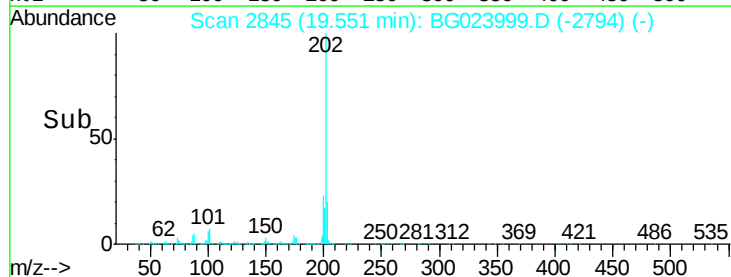
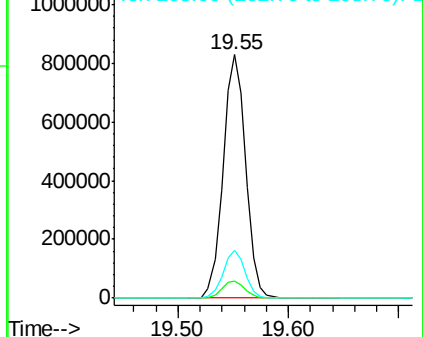
203 19.5 1.7 41.7

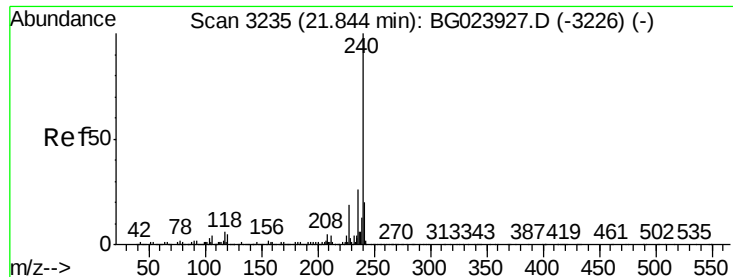


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

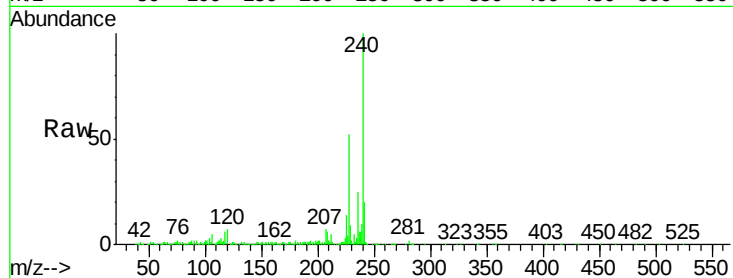
Tot Ion:240 Resp: 478032

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

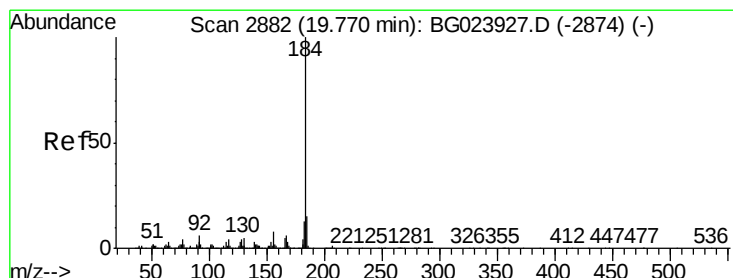
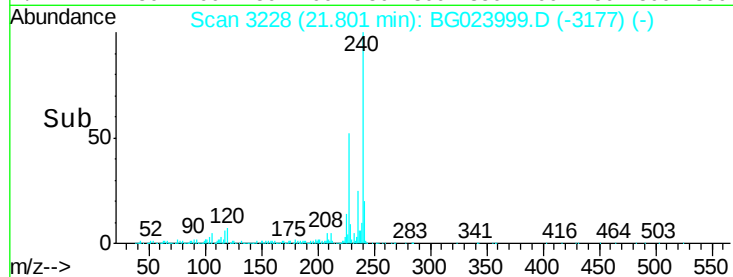
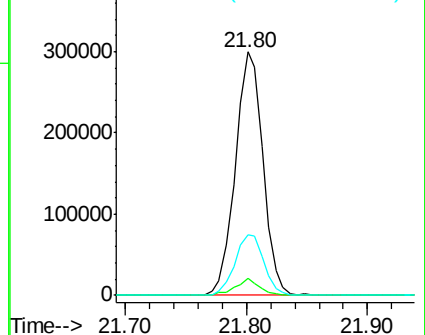
236 25.0 21.1 31.7



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: 26.69 ng

RT: 19.74 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

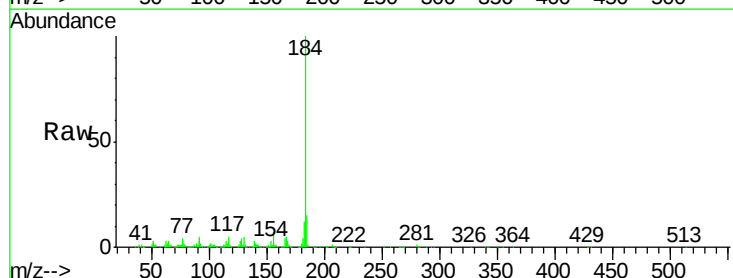
Tgt Ion:184 Resp: 395037

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

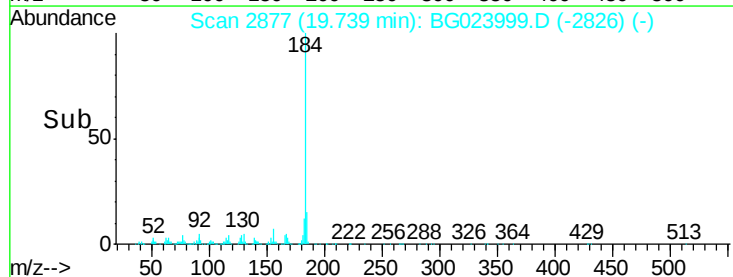
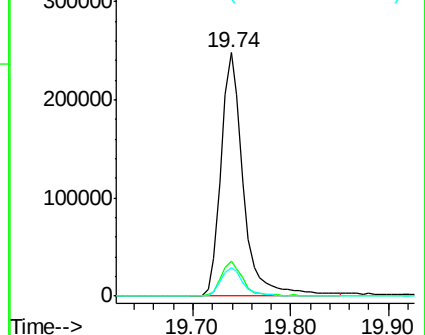
183 11.9 10.7 16.1

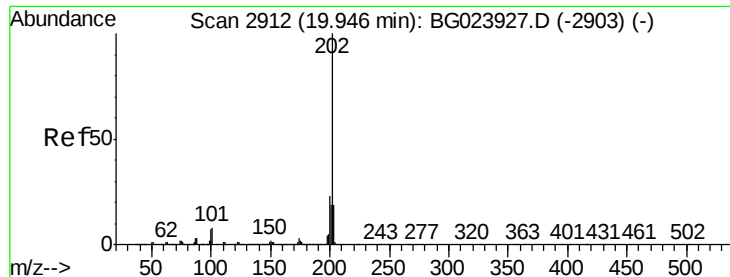


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.38 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

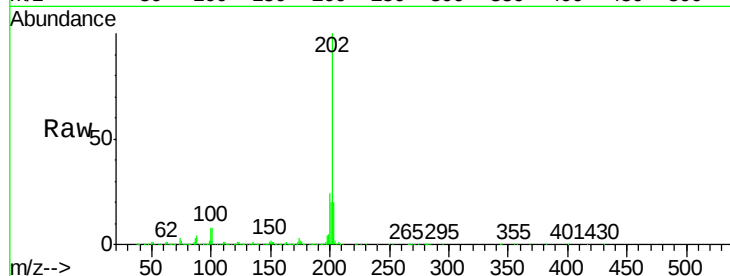
Tot Ion:202 Resp: 1187109

Ion	Ratio	Lower	Upper
202	100		
200	23.7	21.2	31.8
203	19.8	16.8	25.2

202 100

200 23.7 21.2 31.8

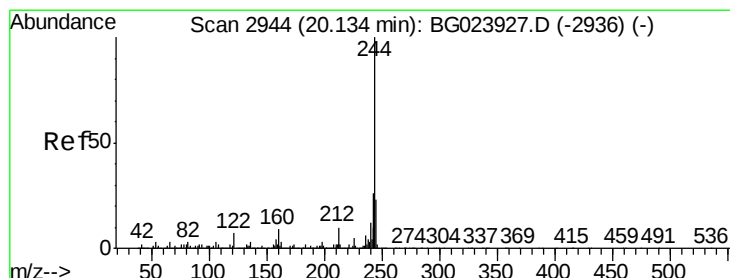
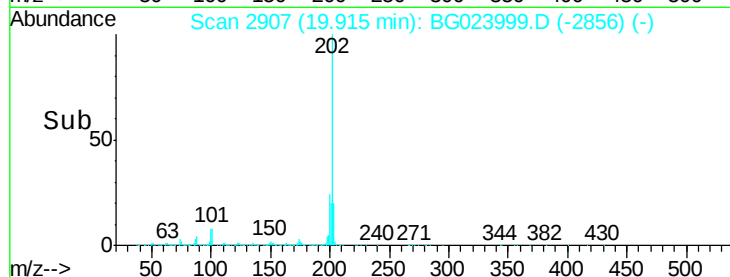
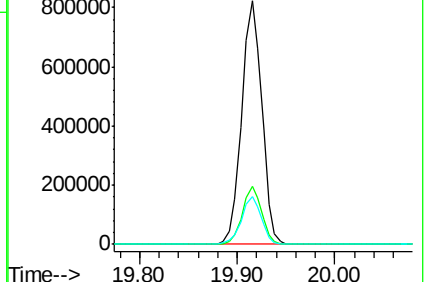
203 19.8 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.02 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

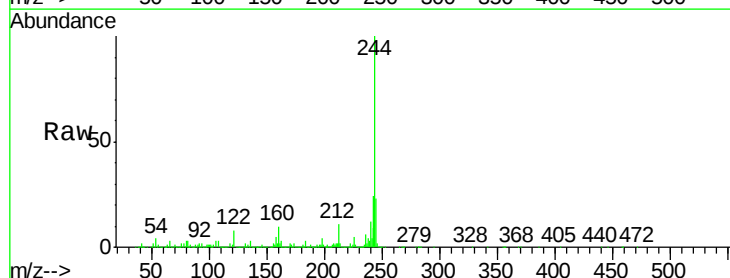
Tgt Ion:244 Resp: 1616692

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.8	16.2#
122	7.7	8.0	12.0#

244 100

212 10.6 10.8 16.2#

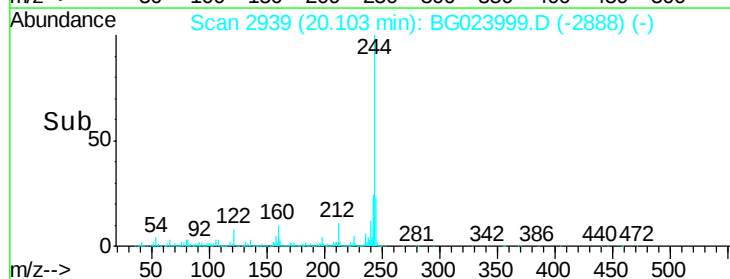
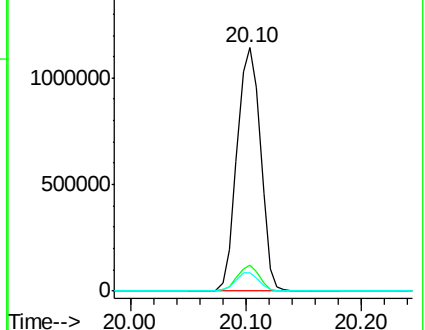
122 7.7 8.0 12.0#

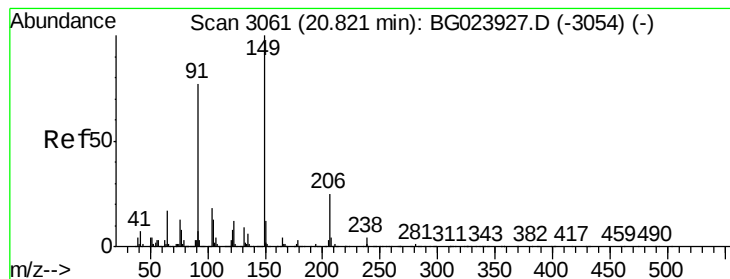


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.19 ng

RT: 20.78 min Scan# 3055

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleID :

PB93393BS

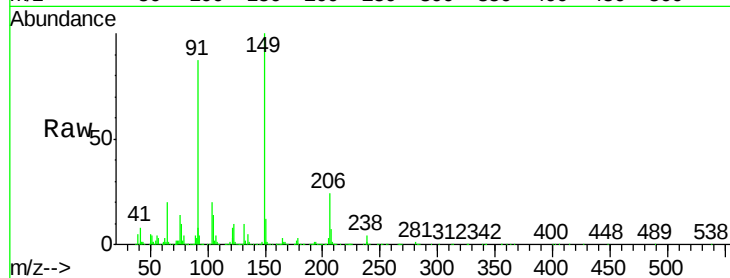
Tot Ion:149 Resp: 489523

Ion Ratio Lower Upper

149 100

91 87.3 68.1 102.1

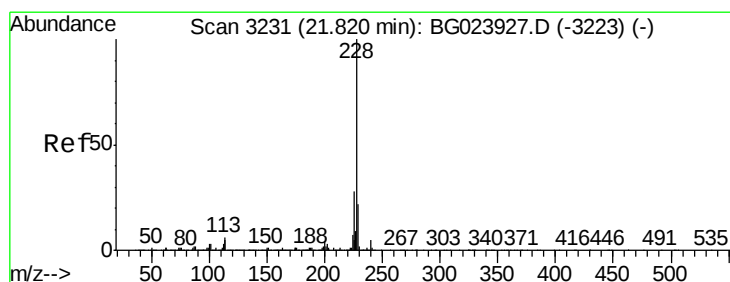
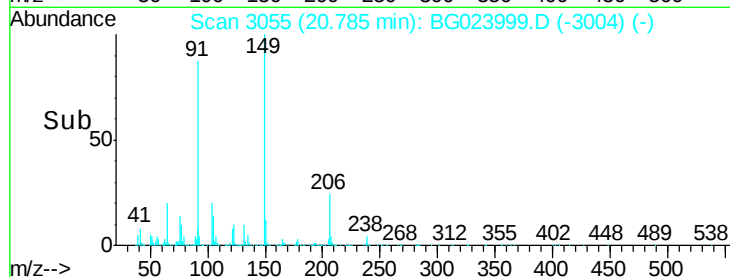
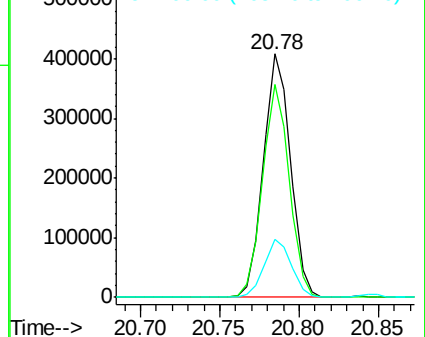
206 24.1 19.8 29.6



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: 46.38 ng

RT: 21.78 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

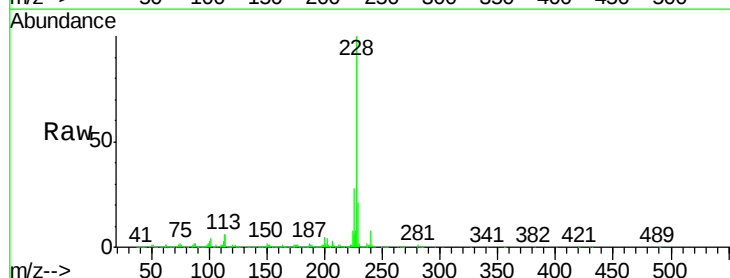
Tgt Ion:228 Resp: 1241121

Ion Ratio Lower Upper

228 100

226 27.8 25.3 37.9

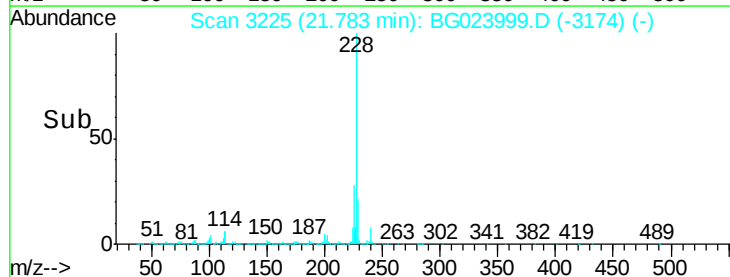
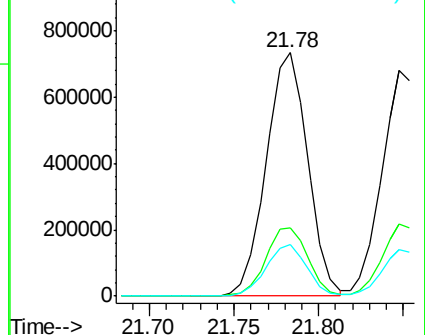
229 21.0 19.9 29.9

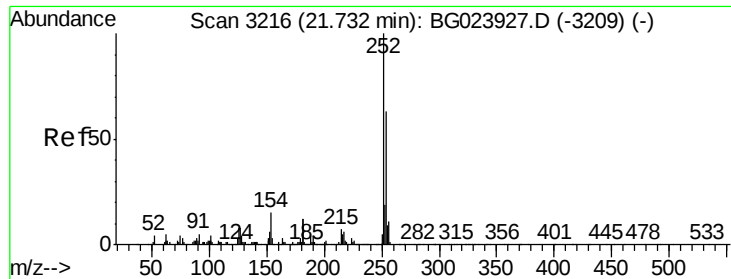


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

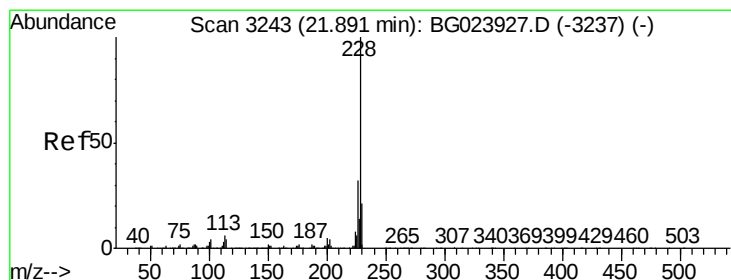
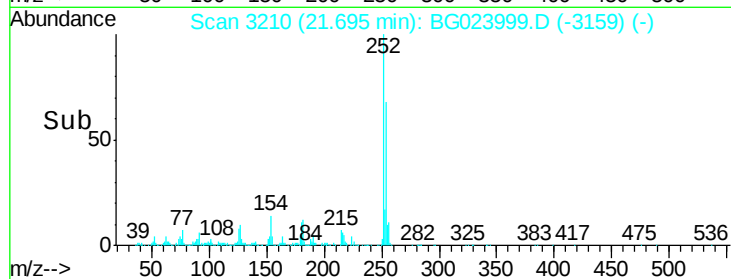
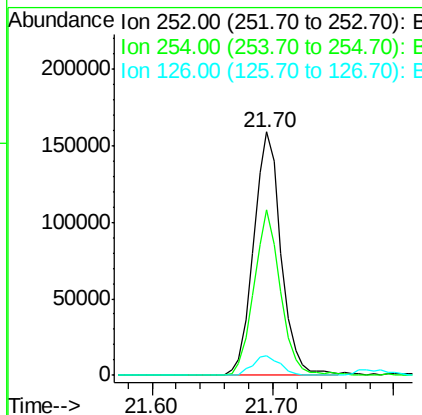
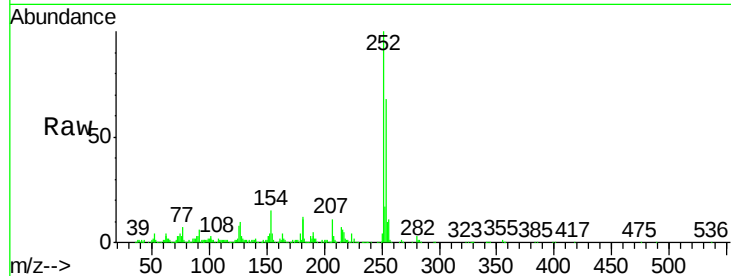




#81
 3,3'-Dichlorobenzidine
 Concen: 23.46 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

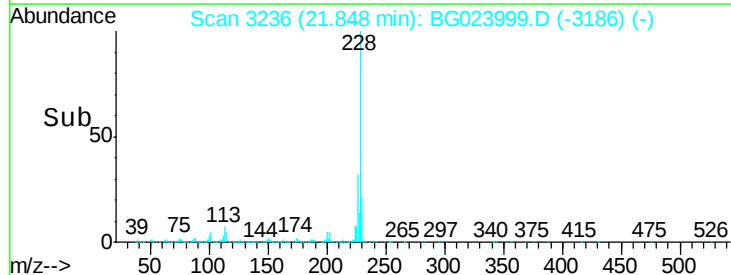
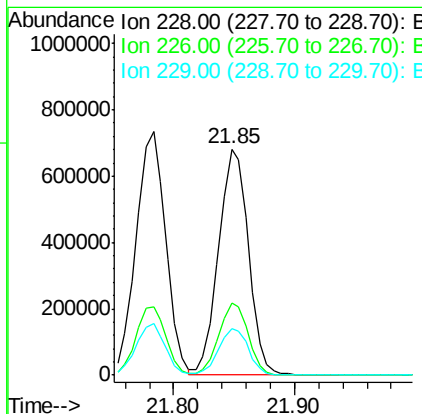
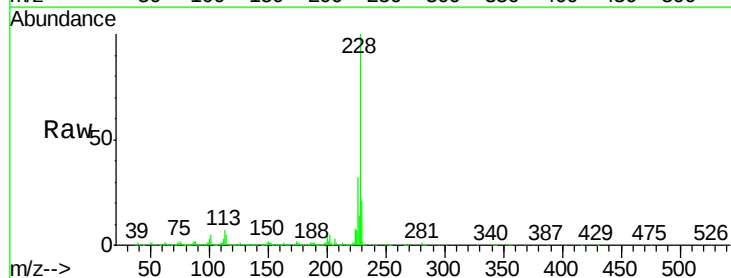
Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

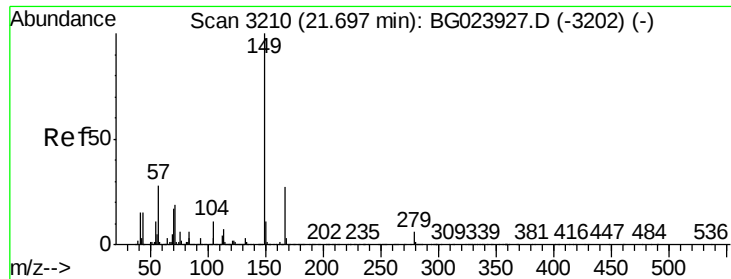
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.2	76.8
126	7.8	5.3	7.9



#82
 Chrysene
 Concen: 45.72 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.7	40.1
229	20.7	17.4	26.2

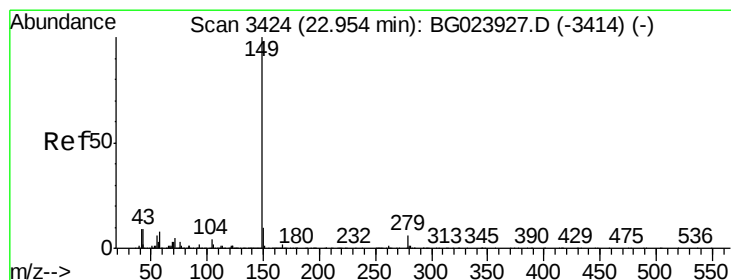
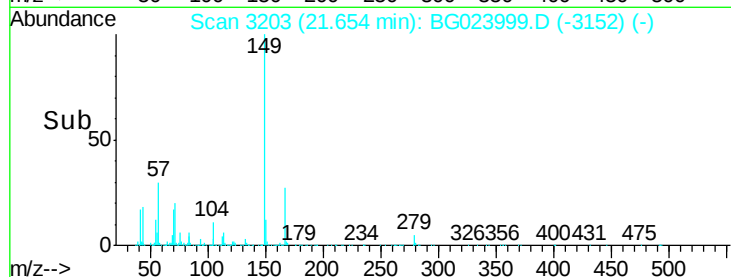
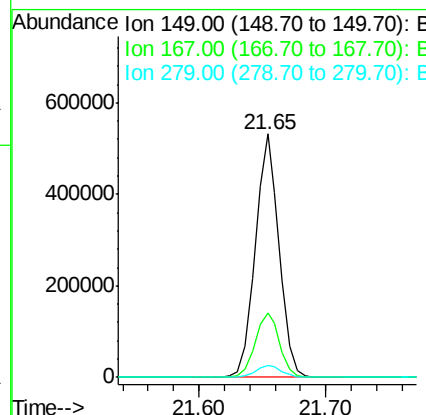
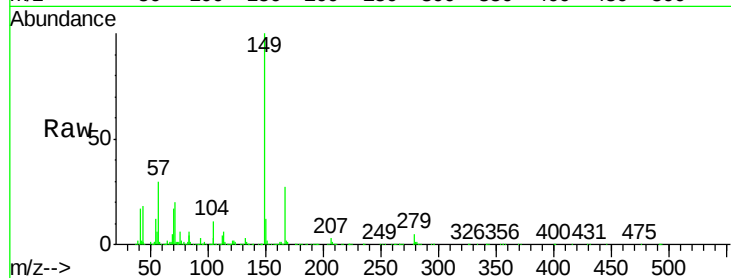




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.47 ng
 RT: 21.65 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

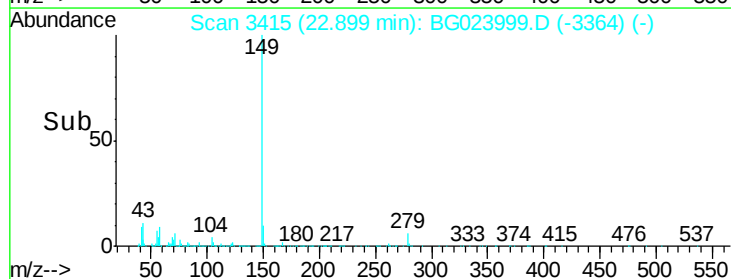
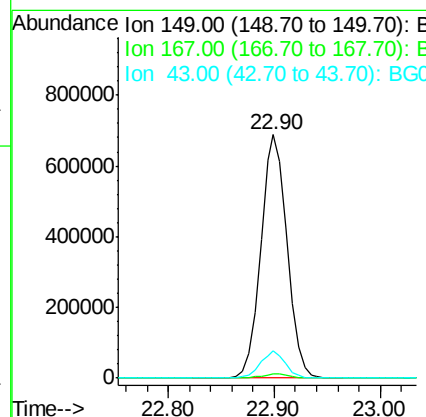
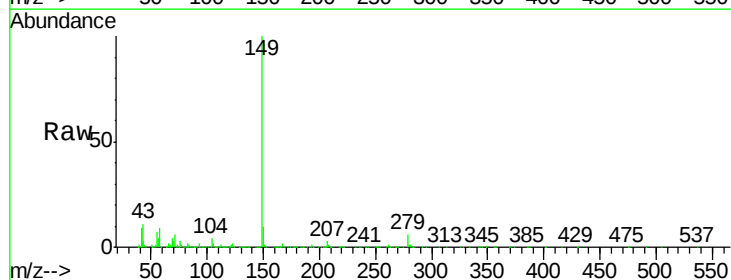
Instrument :
 BNA_G
 ClientSampleId :
 PB93393BS

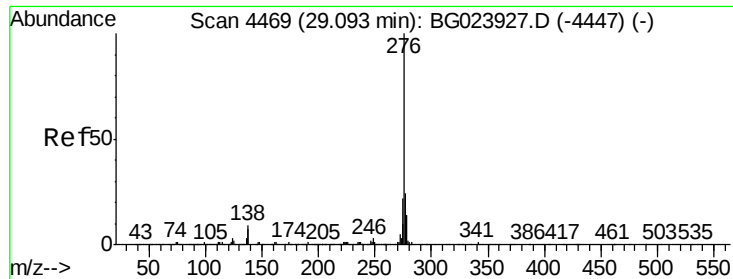
Tot Ion:149 Resp: 690107
 Ion Ratio Lower Upper
 149 100
 167 26.5 24.0 36.0
 279 4.8 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 46.57 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.00 min
 Lab File: BG023999.D
 Acq: 16 Sep 2016 18:42

Tgt Ion:149 Resp: 1185100
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.8 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.43 ng

RT: 28.97 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

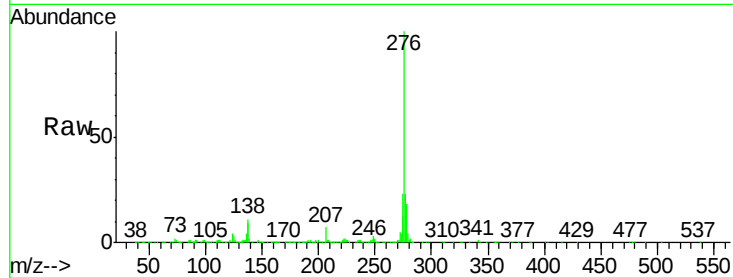
Tot Ion:276 Resp: 1478487

Ion Ratio Lower Upper

276 100

138 9.0 0.0 0.0#

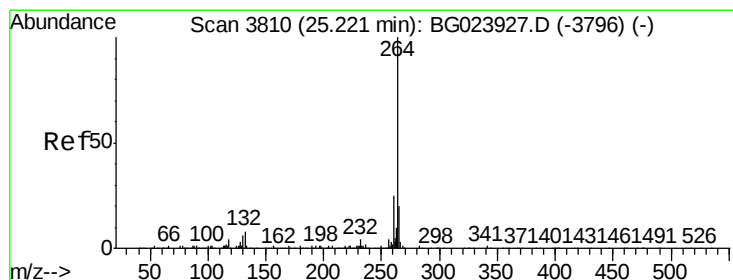
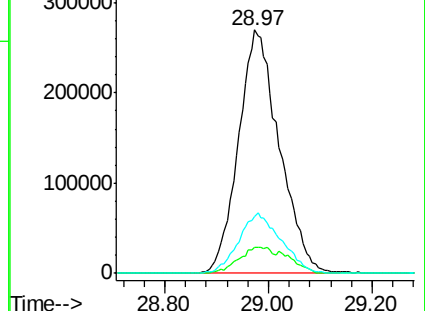
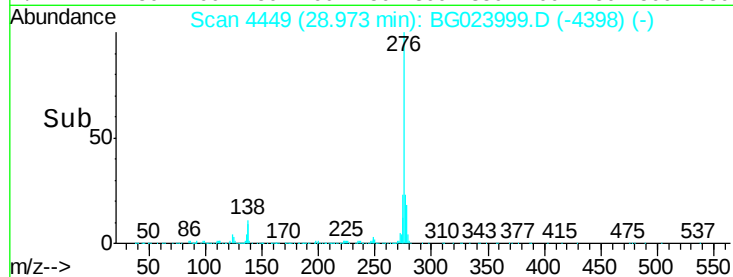
277 25.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3797

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

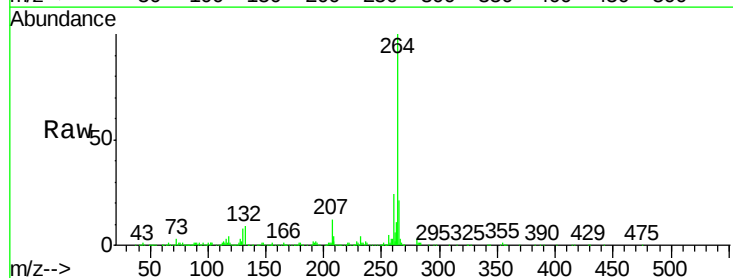
Tgt Ion:264 Resp: 478775

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

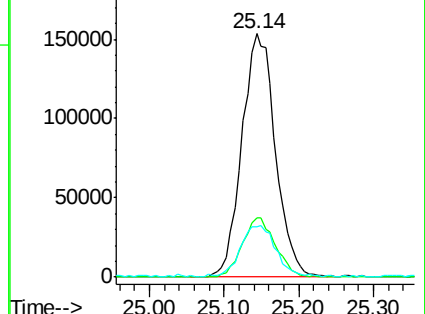
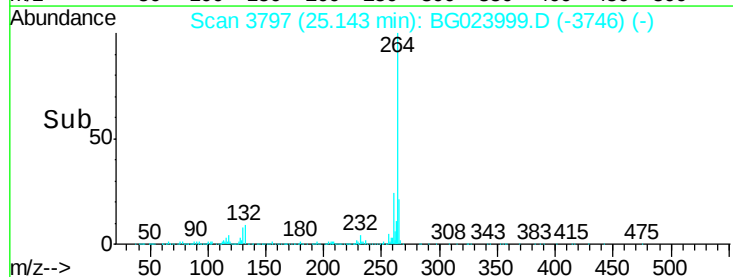
265 20.7 18.9 28.3

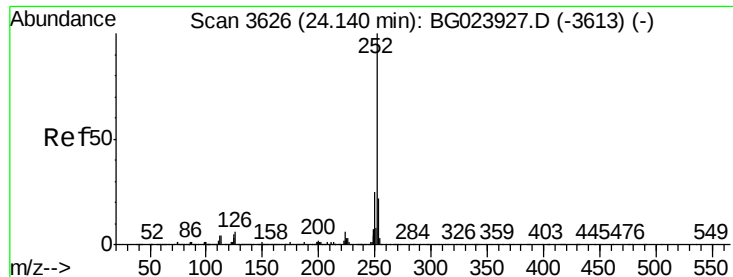


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.67 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

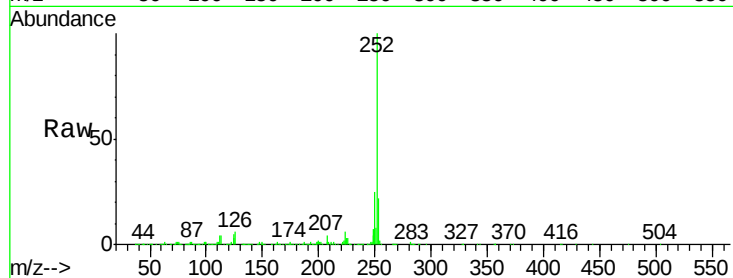
Tot Ion:252 Resp: 1323617

Ion Ratio Lower Upper

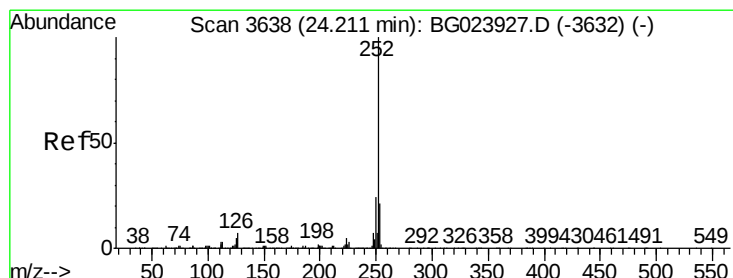
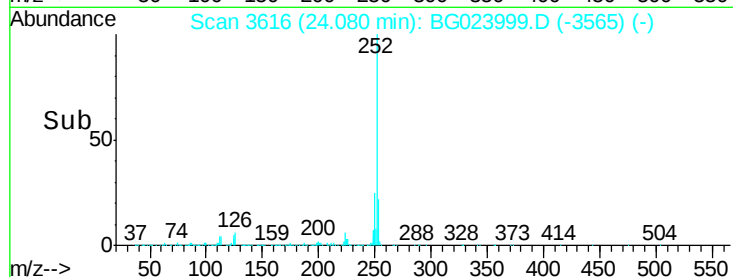
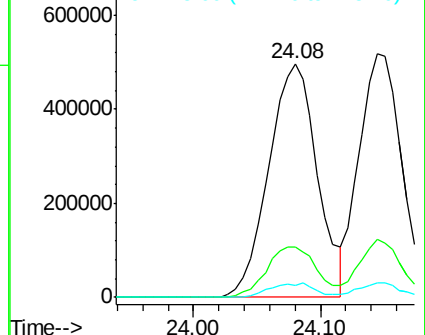
252 100

253 21.8 18.9 28.3

125 4.9 3.9 5.9



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



#88

Benzo(k)fluoranthene

Concen: 44.91 ng

RT: 24.14 min Scan# 3627

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

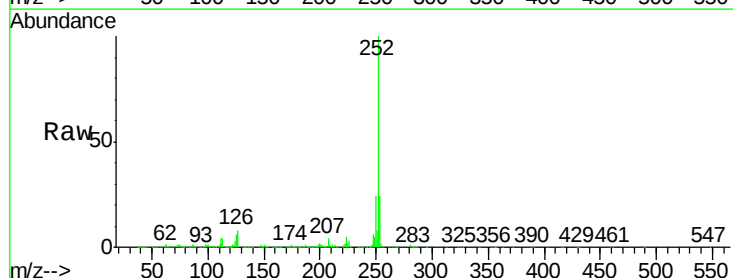
Tgt Ion:252 Resp: 1211084

Ion Ratio Lower Upper

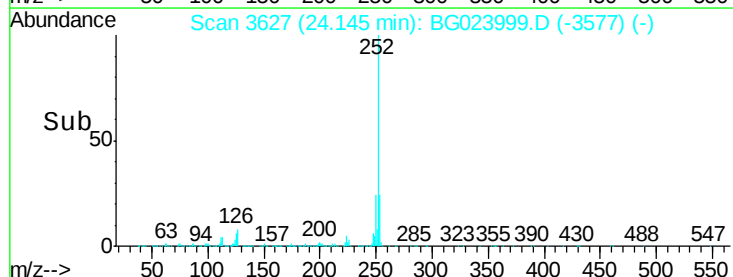
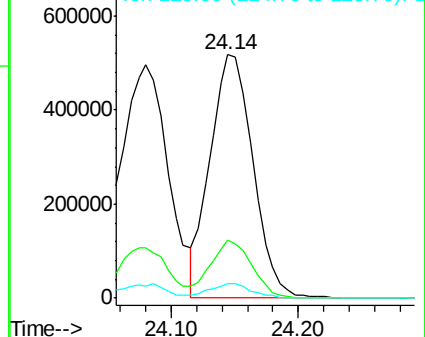
252 100

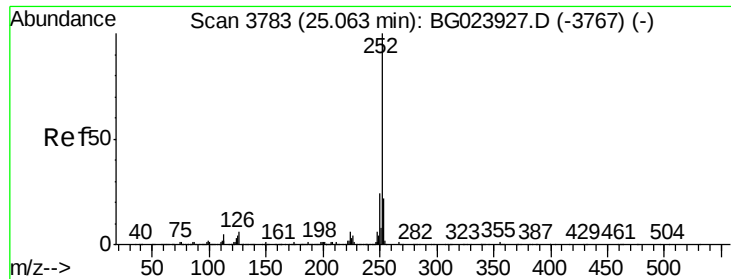
253 23.7 18.8 28.2

125 5.8 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 48.68 ng

RT: 24.98 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

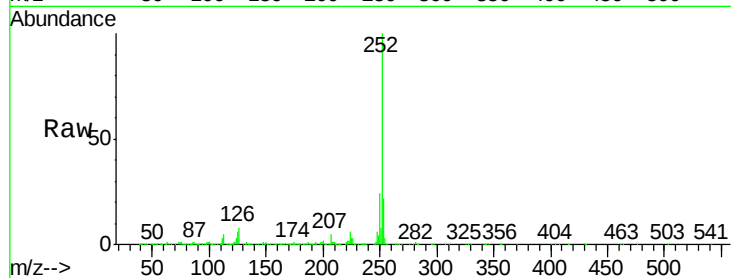
BNA_G

ClientSampleId :

PB93393BS

Tot Ion:252 Resp: 1257243

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	6.1	3.9	5.9#

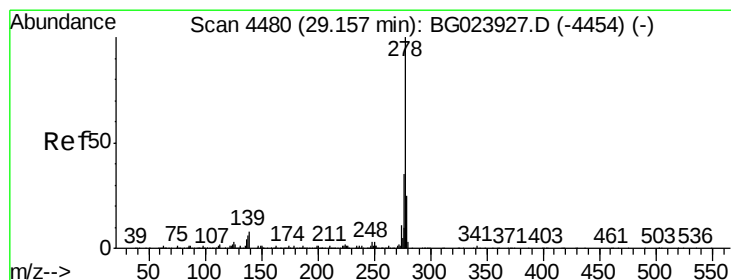
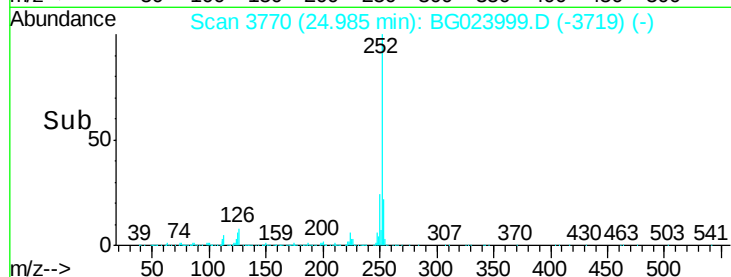
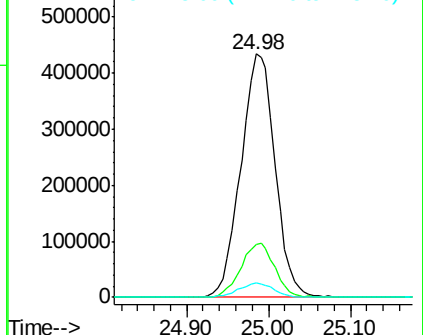


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.03 ng

RT: 29.03 min Scan# 4459

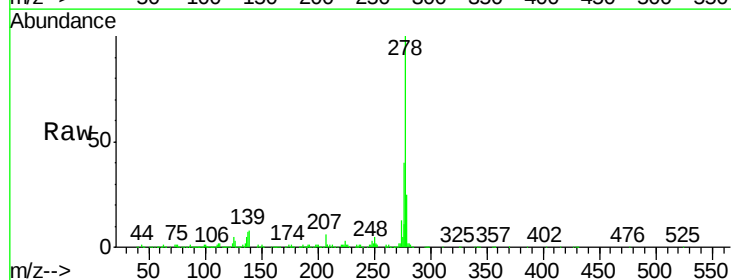
Delta R.T. -0.00 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Tgt Ion:278 Resp: 1220018

Ion	Ratio	Lower	Upper
278	100		
139	7.8	4.7	7.1#
279	24.6	18.3	27.5

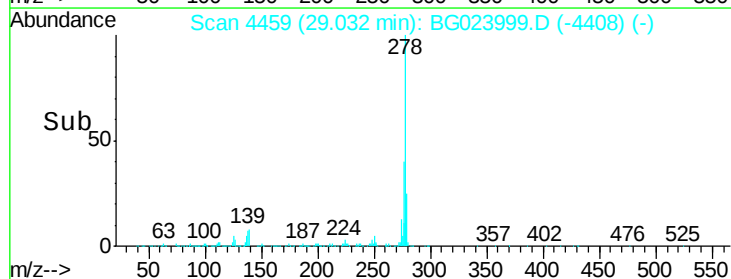
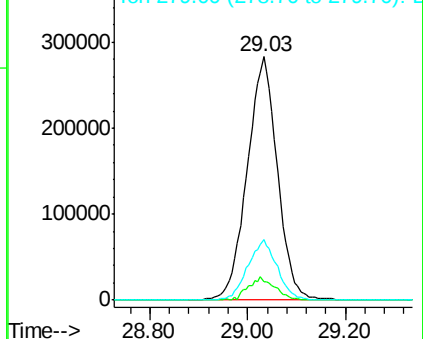


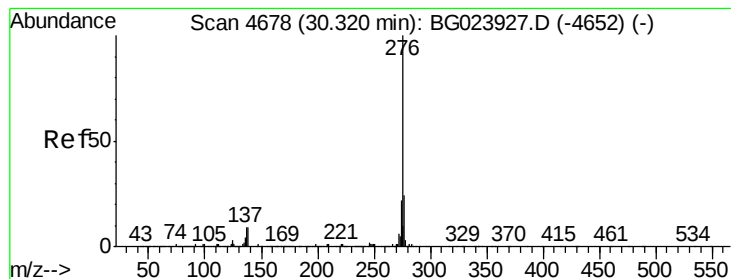
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.57 ng

RT: 30.18 min Scan# 4654

Delta R.T. -0.01 min

Lab File: BG023999.D

Acq: 16 Sep 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PB93393BS

Tot Ion:276 Resp: 1235266

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 11.3 6.8 10.2#

