

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG023997.D
 Acq On : 16 Sep 2016 17:26
 Operator : UM/SJ
 Sample : PB93407BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Quant Time: Sep 17 00:29:57 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	8.06	152	48029	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	224609	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	208538	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	485411	20.00	ng	0.00
75) Chrysene-d12	21.80	240	494072	20.00	ng	0.00
86) Perylene-d12	25.14	264	503379	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	270870	99.01	ng	0.00
7) Phenol-d6	7.23	99	428649	101.79	ng	0.00
23) Nitrobenzene-d5	9.24	82	483782	96.16	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	264276	70.34	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1038533	71.40	ng	0.00
78) Terphenyl-d14	20.10	244	1739286	80.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	40703	36.08	ng	98
3) Pyridine	3.86	79	133104	39.25	ng	98
4) n-Nitrosodimethylamine	3.78	42	80081	44.80	ng	# 89
6) Aniline	7.38	93	200491	35.87	ng	98
8) 2-Chlorophenol	7.62	128	151358	47.76	ng	97
9) Benzaldehyde	7.20	77	15916	5.32	ng	92
10) Phenol	7.25	94	232239	52.42	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	147262	42.25	ng	92
12) 1,3-Dichlorobenzene	7.94	146	153021	41.25	ng	97
13) 1,4-Dichlorobenzene	8.09	146	157759	40.15	ng	95
14) 1,2-Dichlorobenzene	8.41	146	155096	42.05	ng	89
15) Benzyl Alcohol	8.30	79	201245	54.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	203303	43.52	ng	94
17) 2-Methylphenol	8.51	107	150495	50.42	ng	97
18) Hexachloroethane	9.14	117	63332	41.85	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	177433	47.69	ng	# 94
20) 3+4-Methylphenols	8.85	107	221107	53.16	ng	96
22) Acetophenone	8.89	105	241129	41.47	ng	# 99
24) Nitrobenzene	9.28	77	263709	48.74	ng	97
25) Isophorone	9.80	82	468033	47.97	ng	97
26) 2-Nitrophenol	9.99	139	93579	45.50	ng	94
27) 2,4-Dimethylphenol	10.06	122	171969	49.20	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	239413	48.60	ng	99
29) 2,4-Dichlorophenol	10.55	162	191741	51.77	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	178813	44.02	ng	99
31) Naphthalene	10.94	128	503282	43.49	ng	99
32) Benzoic acid	10.22	122	89867	31.66	ng	91
33) 4-Chloroaniline	11.06	127	95569	19.77	ng	97
34) Hexachlorobutadiene	11.21	225	141322	46.32	ng	94
35) Caprolactam	11.86	113	67362m	51.61	ng	
36) 4-Chloro-3-methylphenol	12.20	107	246373	49.79	ng	96
37) 2-Methylnaphthalene	12.55	142	406099	46.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	231040	33.38	ng	99
40) Hexachlorocyclopentadiene	12.88	237	300365	72.72	ng	97

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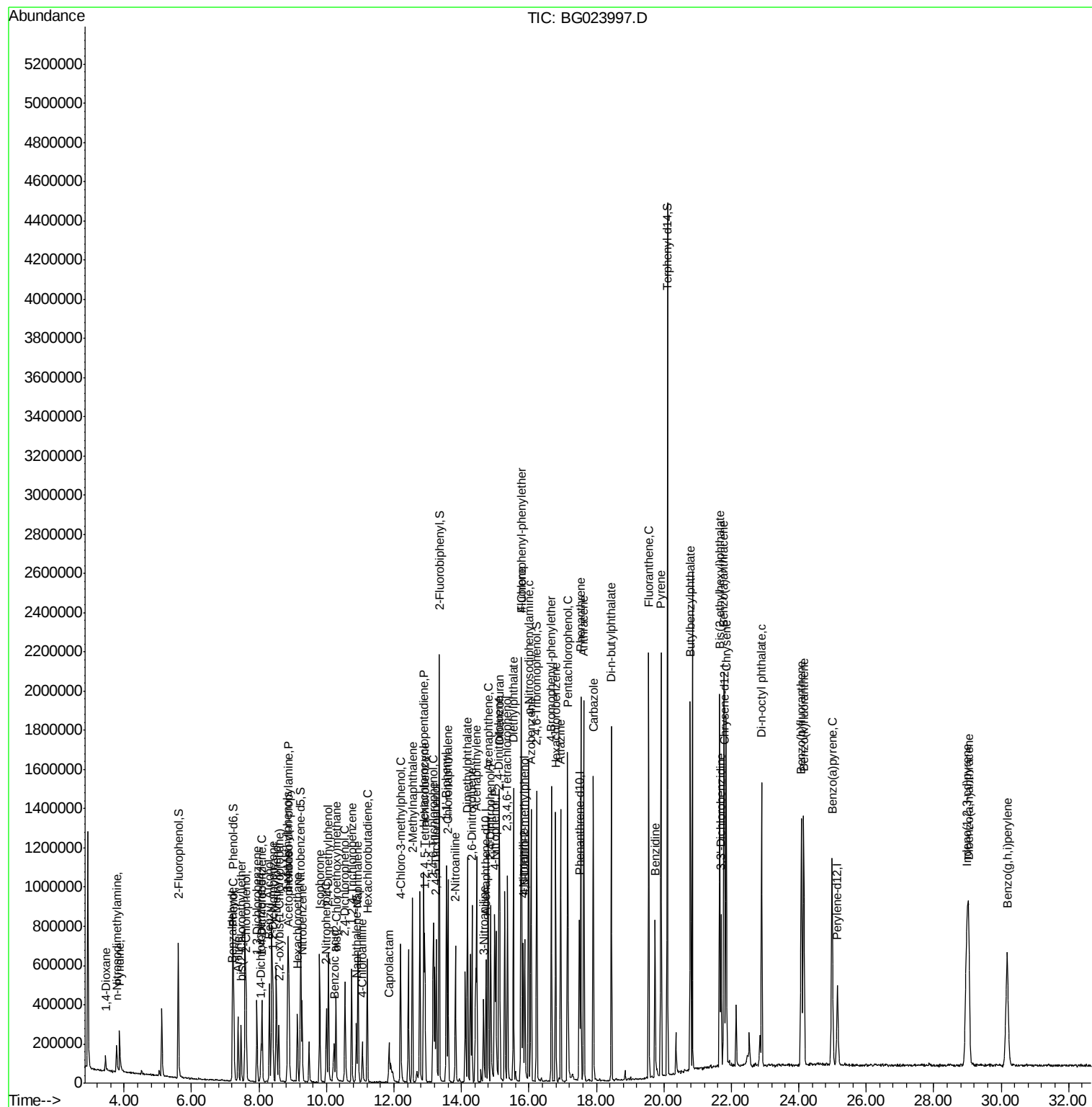
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	184343	39.91	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	190442	40.78	nq	92
45) 1,1'-Biphenyl	13.55	154	526632	31.40	nq	99
46) 2-Chloronaphthalene	13.60	162	464484	37.72	nq	97
47) 2-Nitroaniline	13.82	65	215672	44.46	nq	99
48) Acenaphthylene	14.45	152	761699	37.11	nq	99
49) Dimethylphthalate	14.18	163	682347	38.16	nq	97
50) 2,6-Dinitrotoluene	14.31	165	150753	39.94	nq	99
51) Acenaphthene	14.79	154	485256	38.24	nq	98
52) 3-Nitroaniline	14.65	138	82177	23.27	nq	# 88
53) 2,4-Dinitrophenol	14.86	184	198405	72.55	nq	# 89
54) Dibenzofuran	15.13	168	813822	41.09	nq	98
55) 4-Nitrophenol	14.99	139	208701	74.29	nq	83
56) 2,4-Dinitrotoluene	15.11	165	221159	39.86	nq	# 88
57) Fluorene	15.78	166	667308	38.85	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	207645	43.81	nq	95
59) Diethylphthalate	15.54	149	738911	38.71	nq	99
60) 4-Chlorophenyl-phenylether	15.77	204	363028	39.27	nq	99
61) 4-Nitroaniline	15.83	138	129712	36.34	nq	94
62) Azobenzene	16.06	77	837399	45.29	nq	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	144073	42.75	nq	85
65) n-Nitrosodiphenylamine	15.99	169	614074	44.54	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	266181	45.07	nq	98
67) Hexachlorobenzene	16.80	284	282619	40.80	nq	96
68) Atrazine	16.94	200	261230	44.04	nq	99
69) Pentachlorophenol	17.15	266	301654	82.00	nq	95
70) Phenanthrene	17.54	178	1134922	44.94	nq	99
71) Anthracene	17.63	178	1145036	44.45	nq	99
72) Carbazole	17.91	167	995523	42.59	nq	97
73) Di-n-butylphthalate	18.44	149	1179635	42.30	nq	99
74) Fluoranthene	19.55	202	1311814	43.15	nq	96
76) Benzidine	19.74	184	470933	30.78	nq	99
77) Pyrene	19.92	202	1297345	42.69	nq	95
79) Butylbenzylphthalate	20.79	149	513411	43.83	nq	98
80) Benzo(a)anthracene	21.78	228	1272931	46.02	nq	94
81) 3,3'-Dichlorobenzidine	21.70	252	287372	25.99	nq	100
82) Chrysene	21.85	228	1181296	44.87	nq	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	722794	45.07	nq	94
84) Di-n-octyl phthalate	22.90	149	1207858	45.92	nq	99
85) Indeno(1,2,3-cd)pyrene	28.99	276	1495273	51.30	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1355506m	47.40	nq	
88) Benzo(k)fluoranthene	24.15	252	1252833	44.19	nq	# 97
89) Benzo(a)pyrene	24.99	252	1277566	47.05	nq	# 97
90) Dibenzo(a,h)anthracene	29.03	278	1224260	45.84	nq	# 98
91) Benzo(g,h,i)perylene	30.18	276	1237083	48.17	nq	# 98

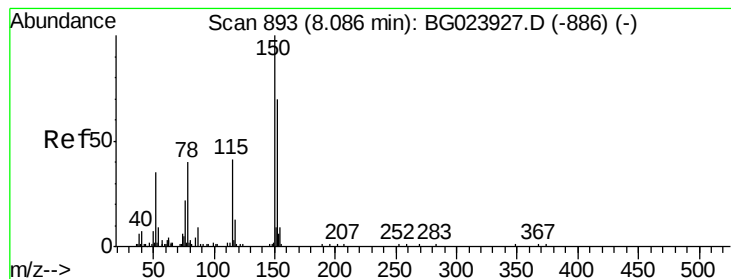
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

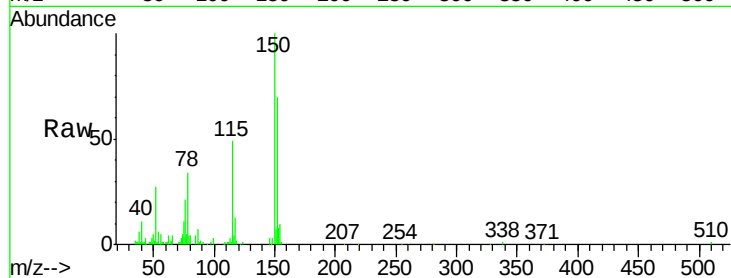
Tot Ion:152 Resp: 48029

Ion Ratio Lower Upper

152 100

150 142.0 144.7 217.1#

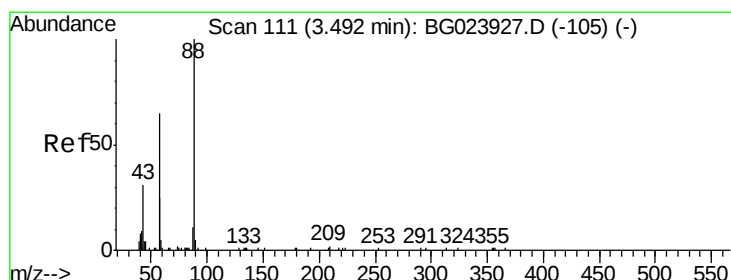
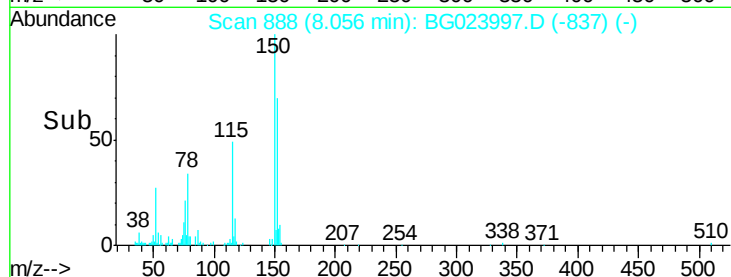
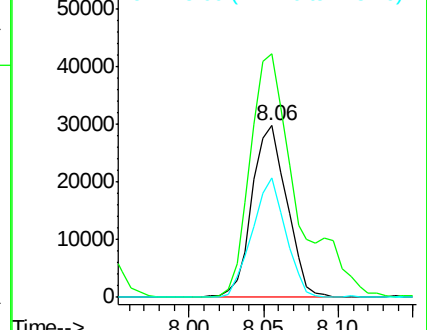
115 69.6 64.0 96.0



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: 36.08 ng

RT: 3.45 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

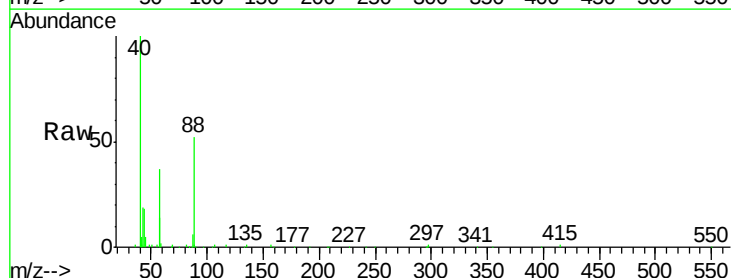
Tgt Ion: 88 Resp: 40703

Ion Ratio Lower Upper

88 100

58 77.7 60.4 90.6

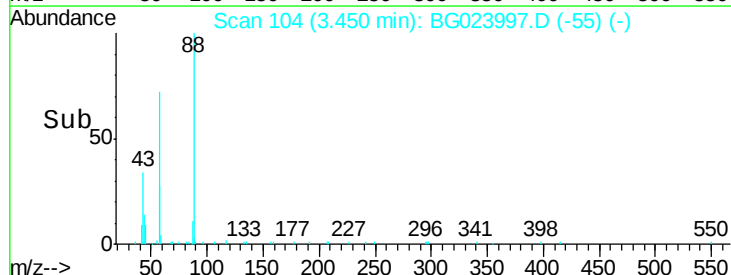
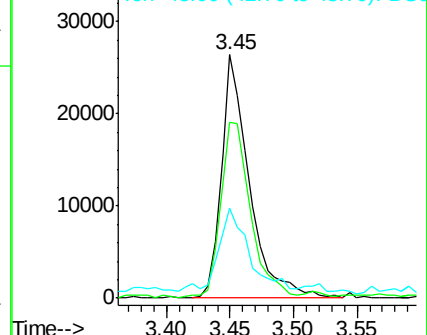
43 39.0 31.1 46.7

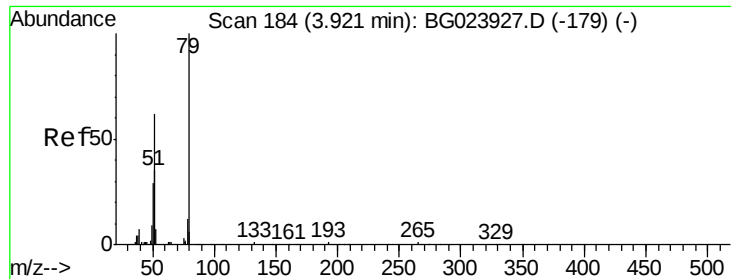


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.25 ng

RT: 3.86 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

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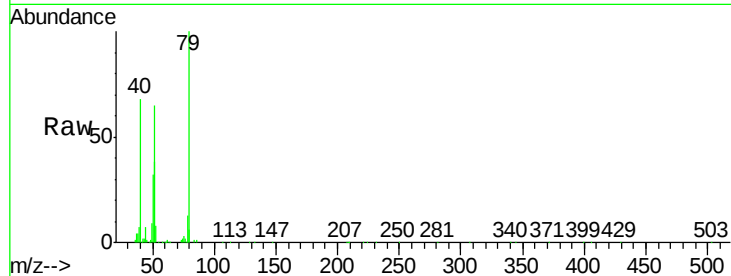
Tot Ion: 79 Resp: 133104

Ion Ratio Lower Upper

79 100

52 64.9 51.8 77.8

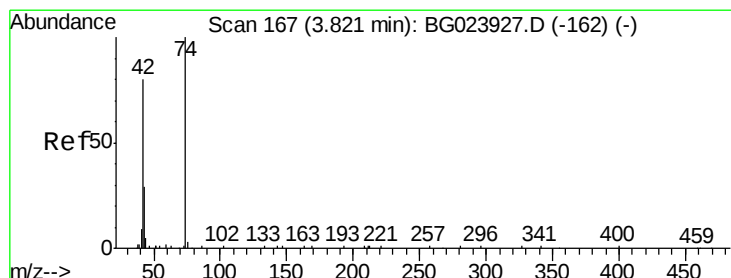
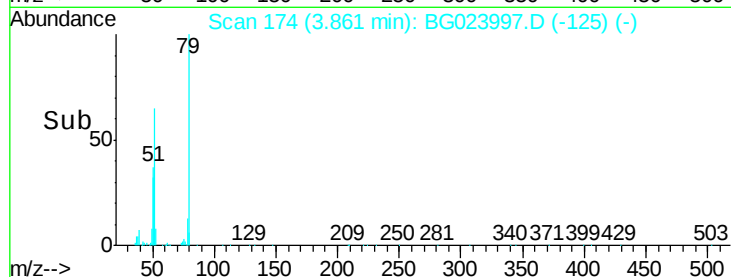
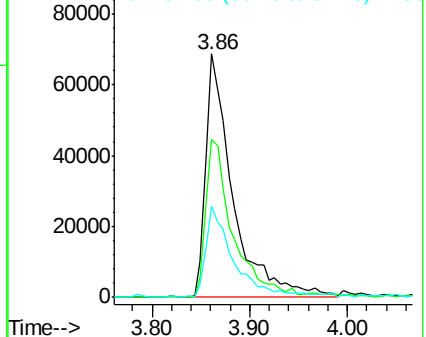
51 37.7 32.7 49.1



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: 44.80 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

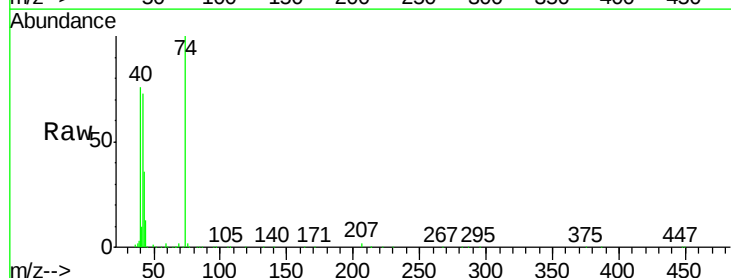
Tgt Ion: 42 Resp: 80081

Ion Ratio Lower Upper

42 100

74 137.0 100.6 150.8

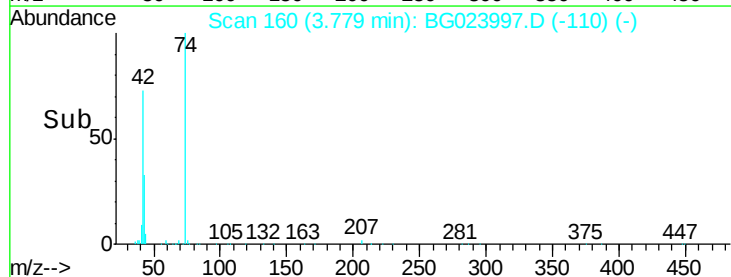
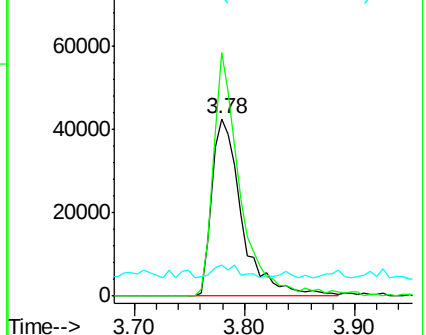
44 17.5 4.5 6.7#

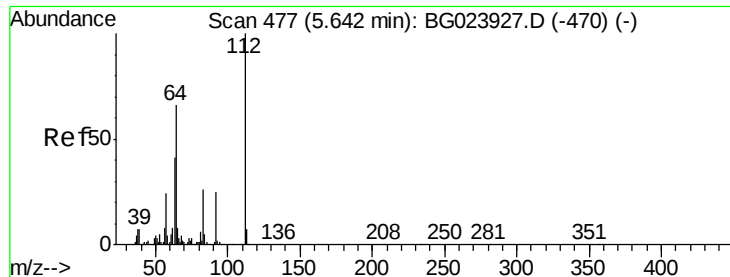


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 99.01 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

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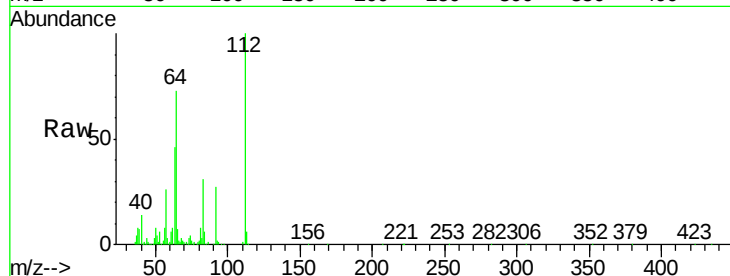
Tot Ion:112 Resp: 270870

Ion Ratio Lower Upper

112 100

64 72.8 59.0 88.4

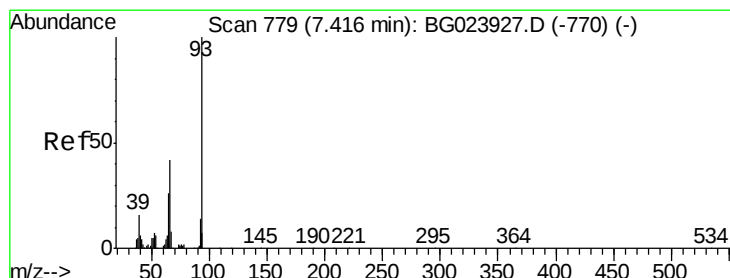
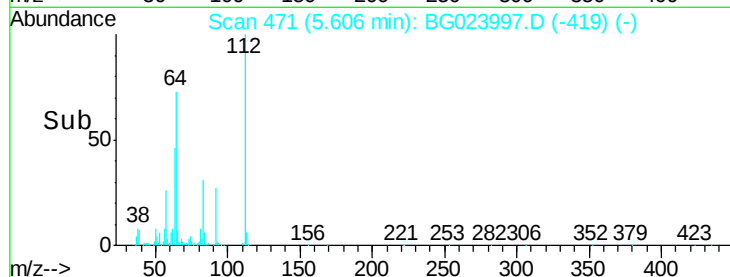
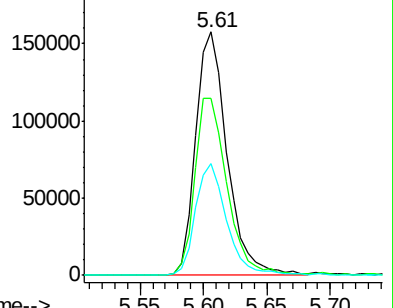
63 45.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.87 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

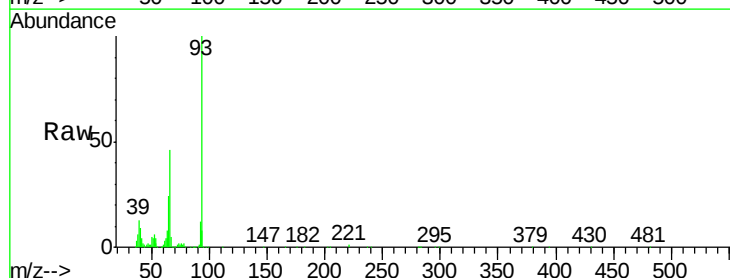
Tgt Ion: 93 Resp: 200491

Ion Ratio Lower Upper

93 100

66 45.9 37.5 56.3

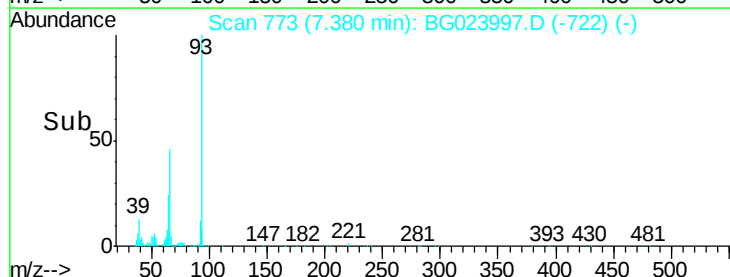
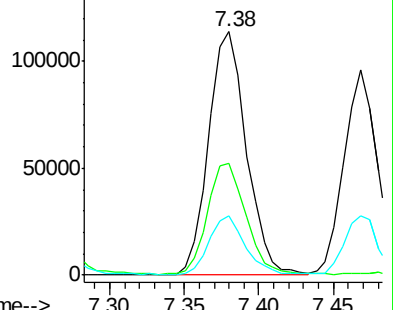
65 24.2 17.9 26.9

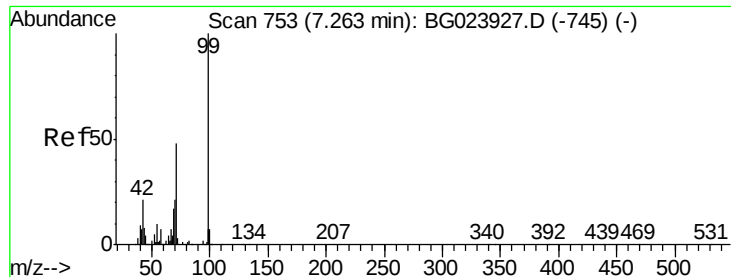


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.79 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

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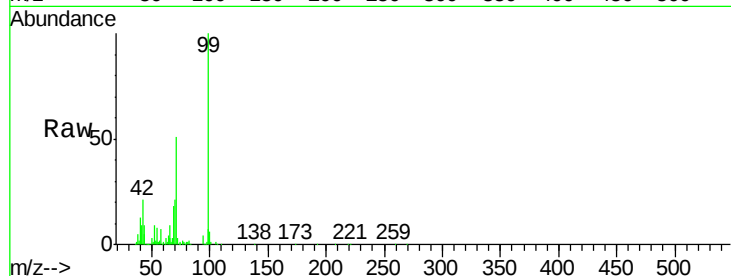
Tot Ion: 99 Resp: 428649

Ion Ratio Lower Upper

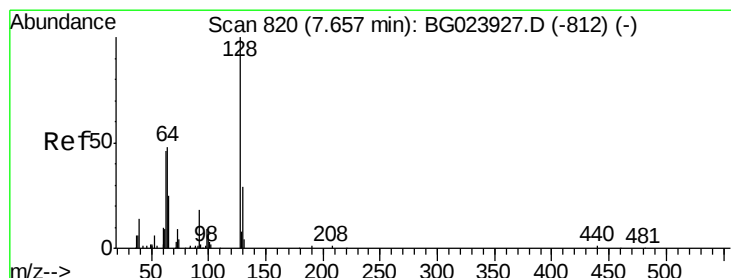
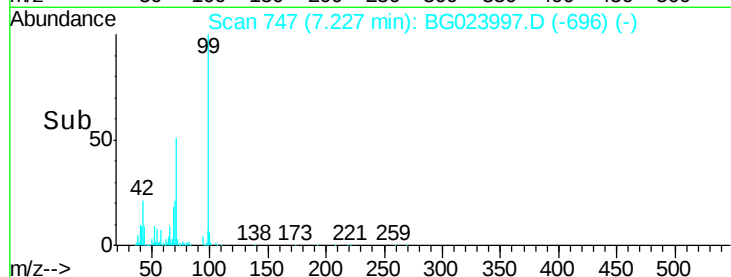
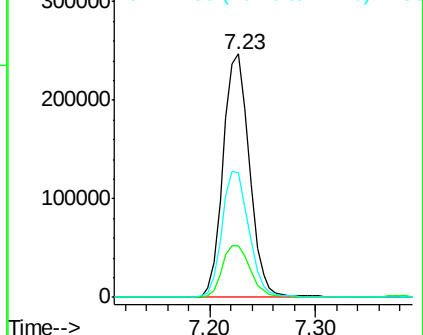
99 100

42 21.1 17.8 26.6

71 51.2 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: 47.76 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

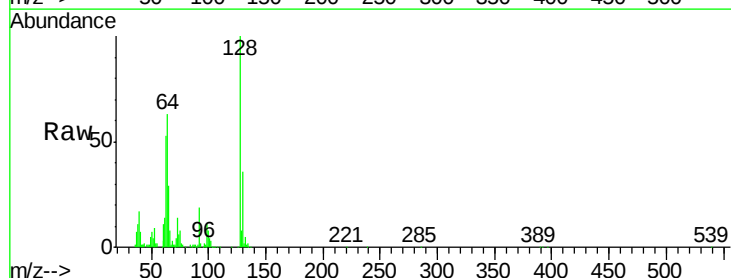
Tgt Ion: 128 Resp: 151358

Ion Ratio Lower Upper

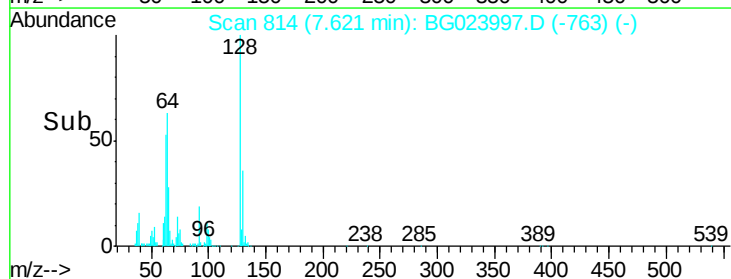
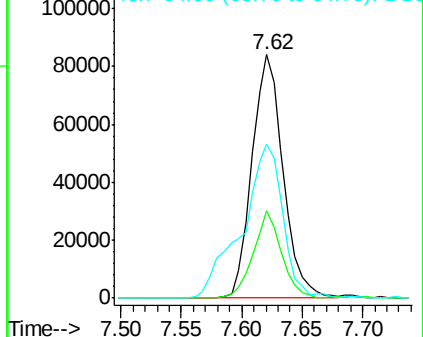
128 100

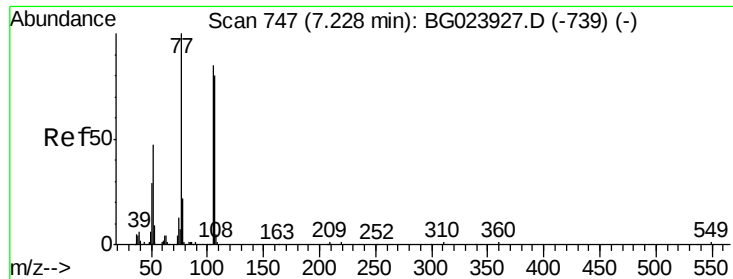
130 35.9 12.9 52.9

64 63.2 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: 5.32 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.01 min

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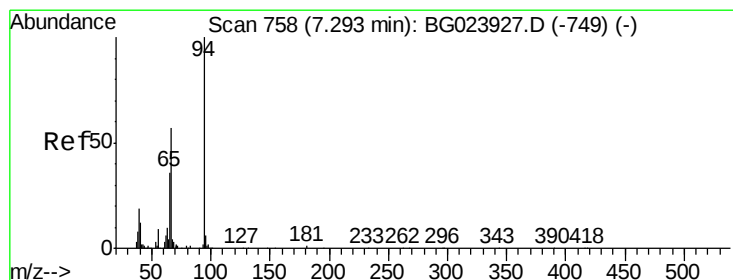
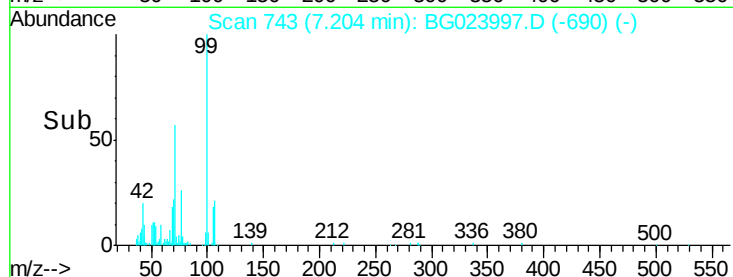
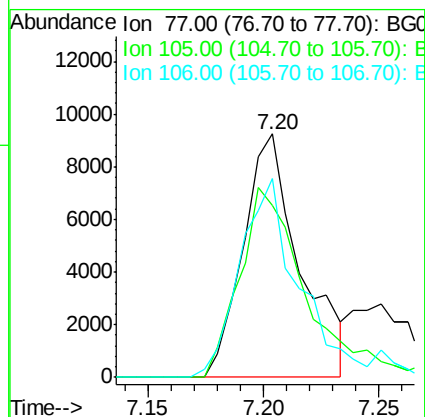
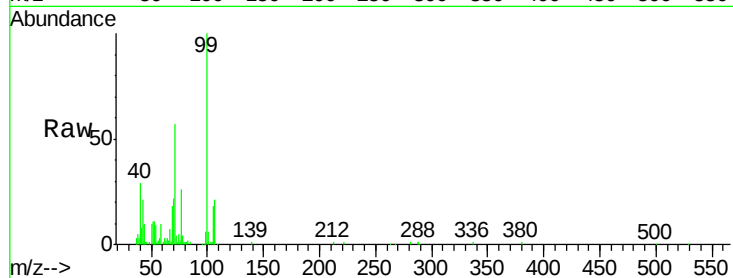
Tot Ion: 77 Resp: 15916

Ion Ratio Lower Upper

77 100

105 70.4 58.7 98.7

106 81.7 67.5 107.5



#10

Phenol

Concen: 52.42 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

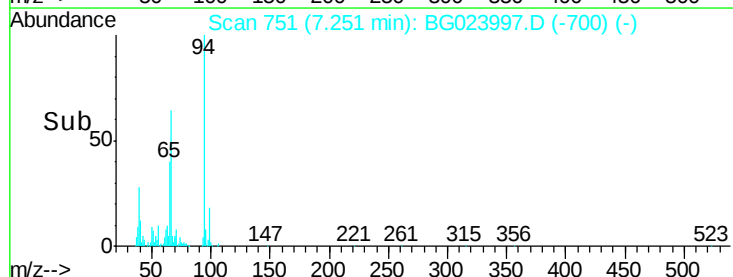
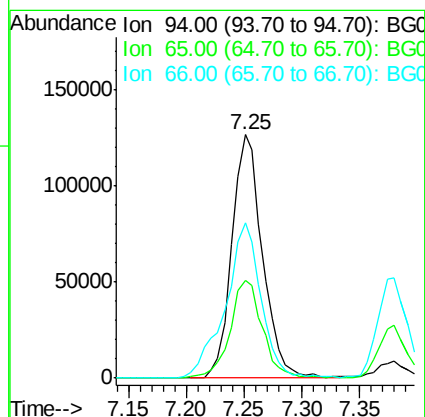
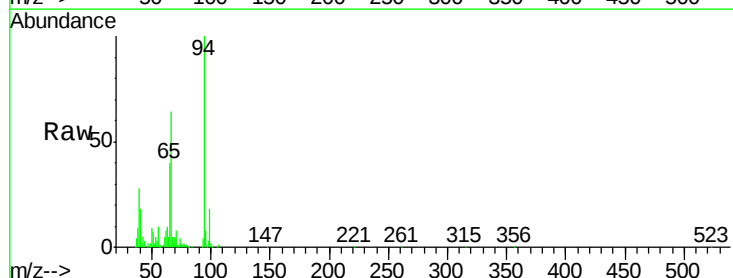
Tgt Ion: 94 Resp: 232239

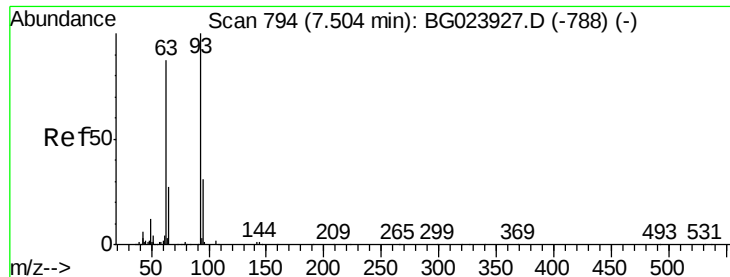
Ion Ratio Lower Upper

94 100

65 39.9 18.1 58.1

66 63.7 42.1 82.1

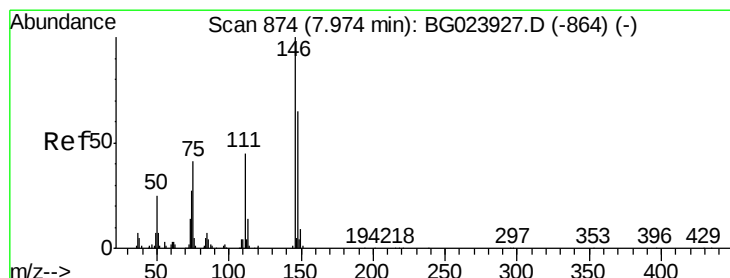
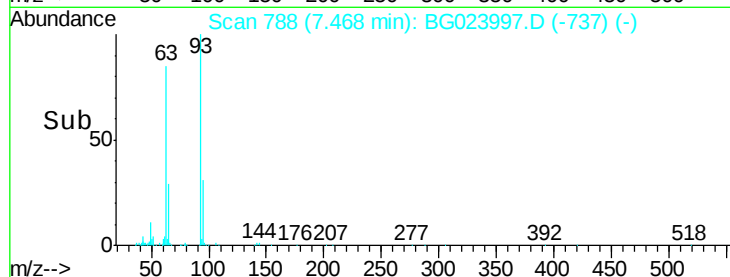
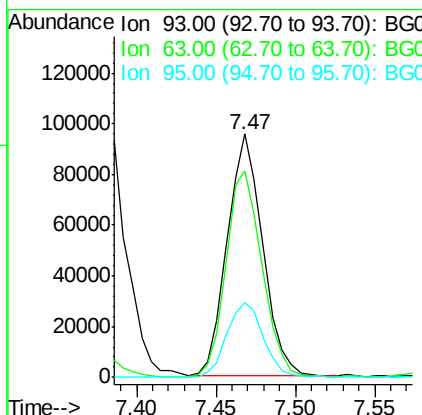
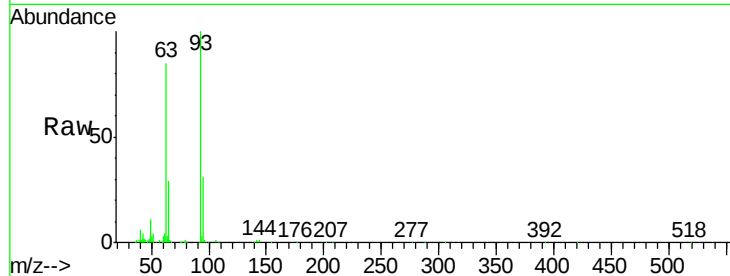




#11
bis(2-Chloroethyl)ether
Concen: 42.25 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

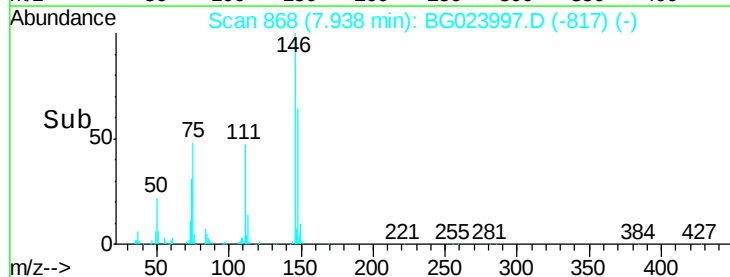
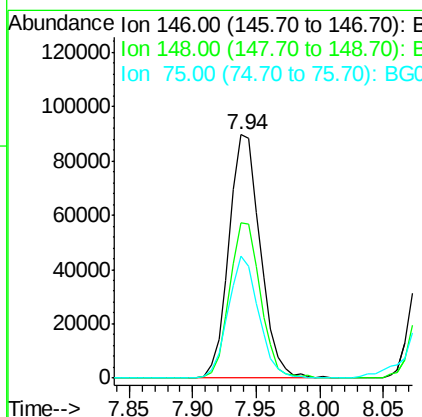
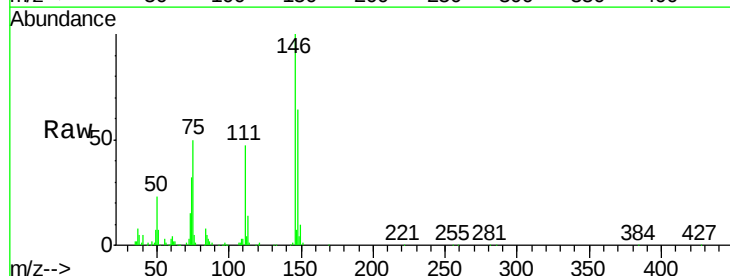
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

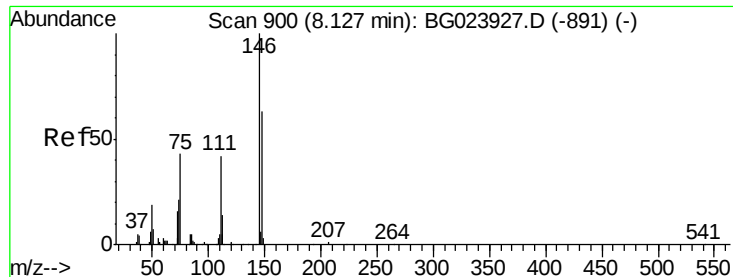
Tot Ion: 93 Resp: 147262
Ion Ratio Lower Upper
93 100
63 85.0 55.0 95.0
95 30.7 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 41.25 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion: 146 Resp: 153021
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
75 50.3 37.0 55.6





#13

1,4-Dichlorobenzene

Concen: 40.15 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

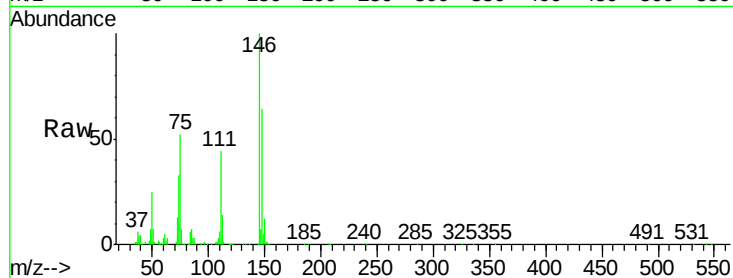
Tot Ion:146 Resp: 157759

Ion Ratio Lower Upper

146 100

148 64.2 54.5 81.7

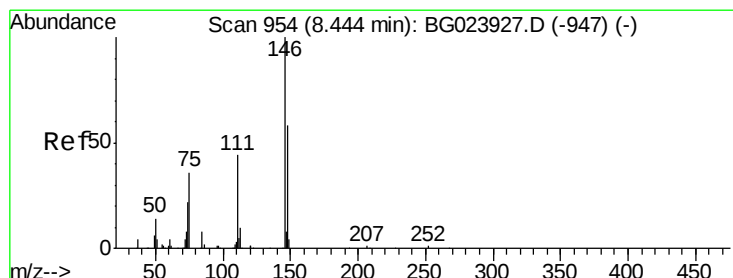
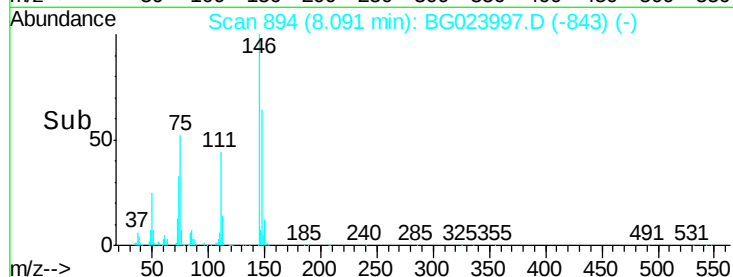
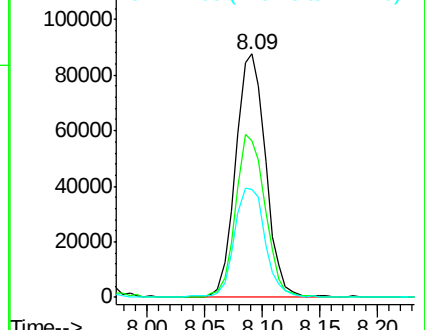
111 44.2 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.05 ng

RT: 8.41 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

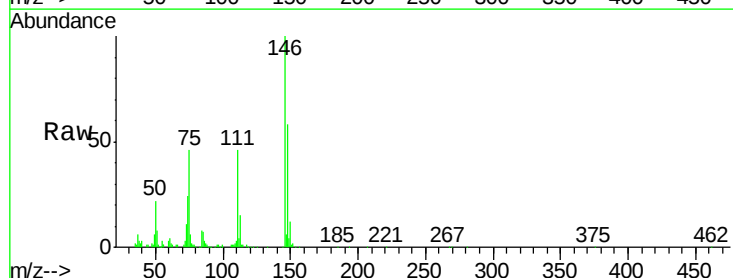
Tgt Ion:146 Resp: 155096

Ion Ratio Lower Upper

146 100

148 58.0 52.9 79.3

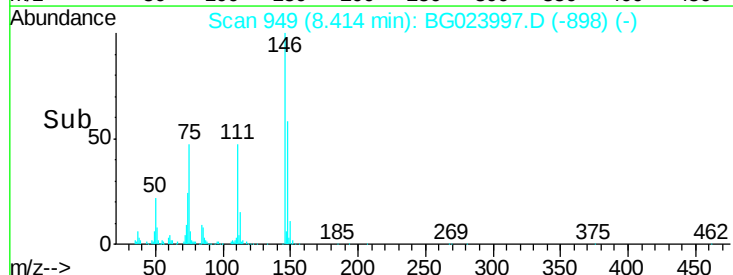
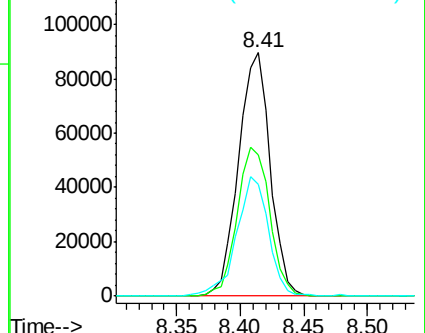
111 45.8 43.5 65.3

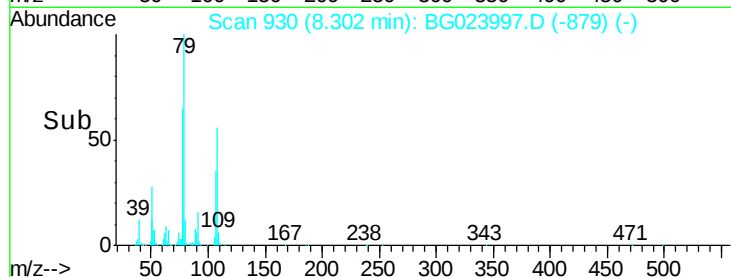
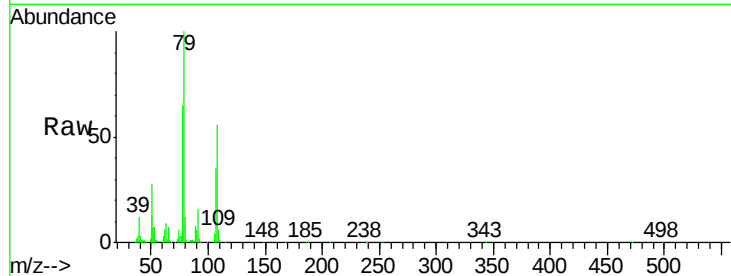
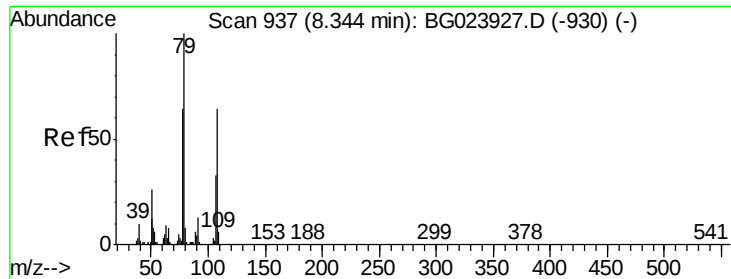


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.20 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

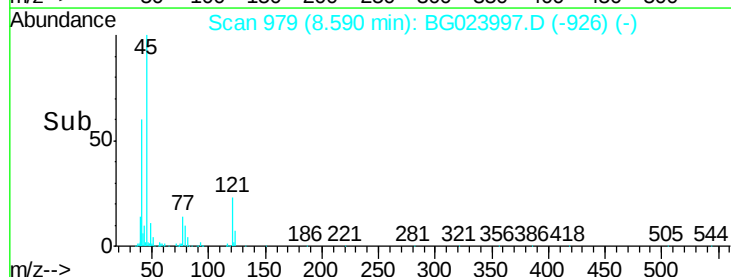
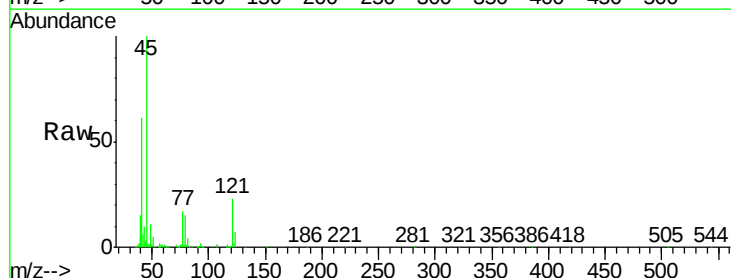
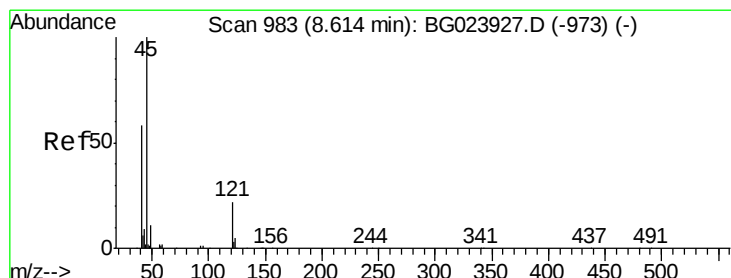
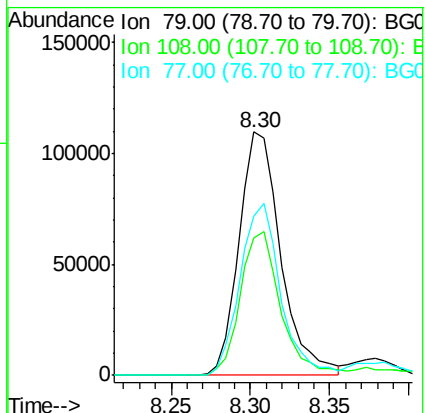
Tot Ion: 79 Resp: 201245

Ion Ratio Lower Upper

79 100

108 56.3 46.5 69.7

77 65.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.52 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

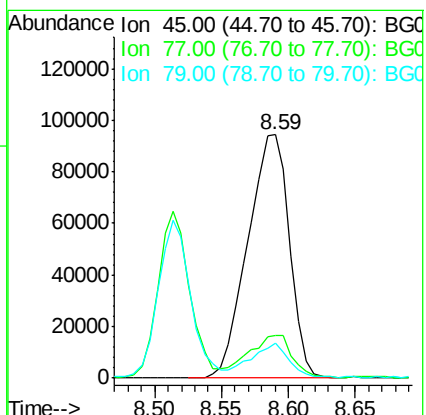
Tgt Ion: 45 Resp: 203303

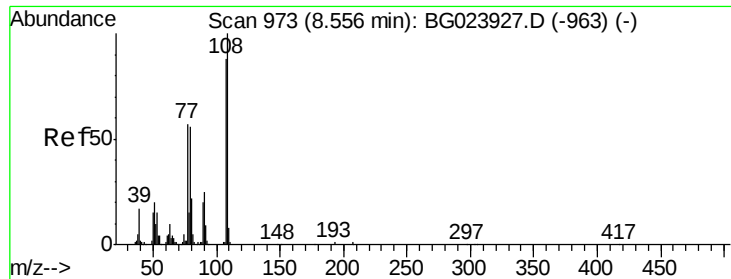
Ion Ratio Lower Upper

45 100

77 17.3 0.6 40.6

79 14.5 0.0 36.2





#17

2-Methylphenol

Concen: 50.42 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

Tot Ion:107 Resp: 150495

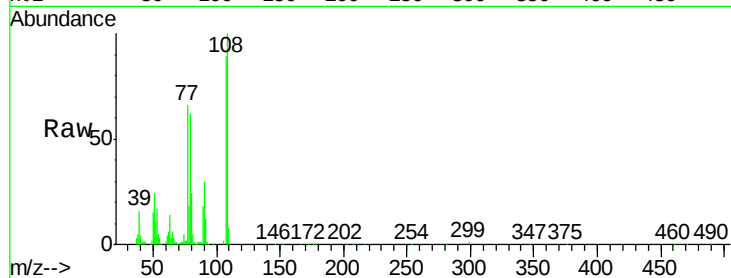
Ion Ratio Lower Upper

107 100

108 112.4 92.0 138.0

77 74.6 55.8 83.6

79 70.3 55.0 82.6

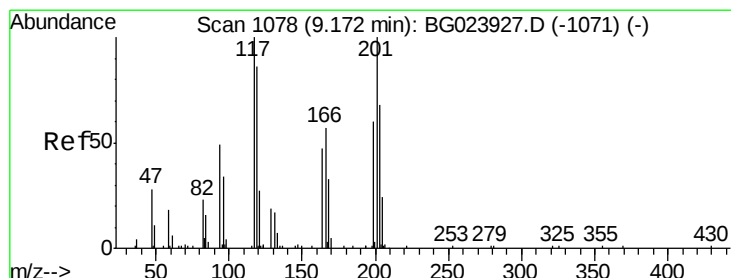
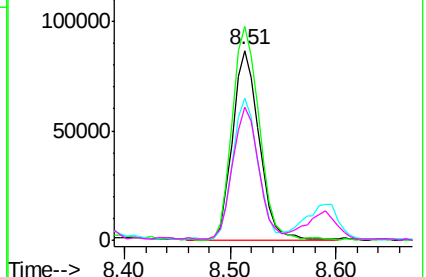
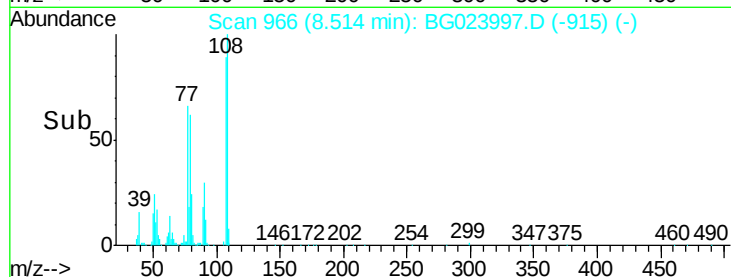


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.85 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

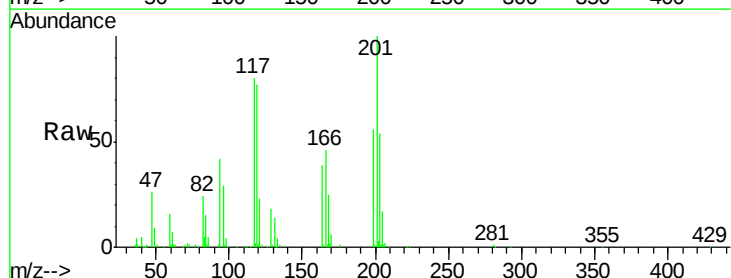
Tgt Ion:117 Resp: 63332

Ion Ratio Lower Upper

117 100

119 96.5 73.7 110.5

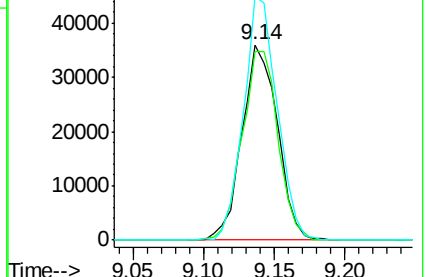
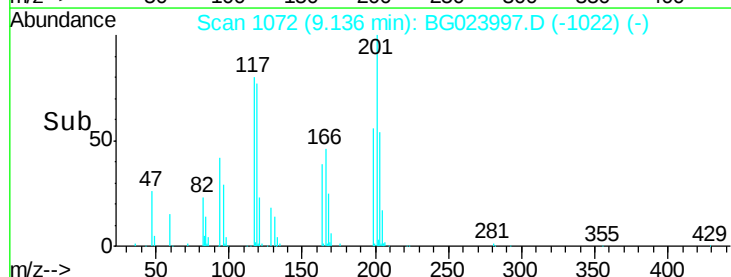
201 124.6 88.7 133.1

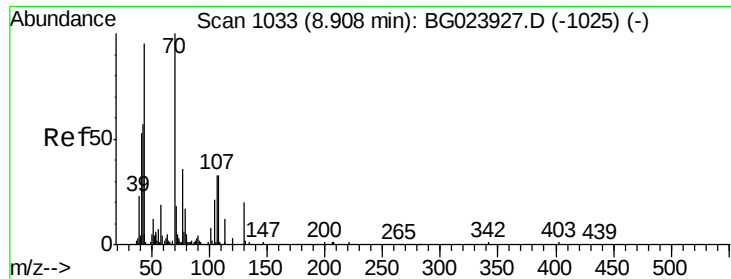


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

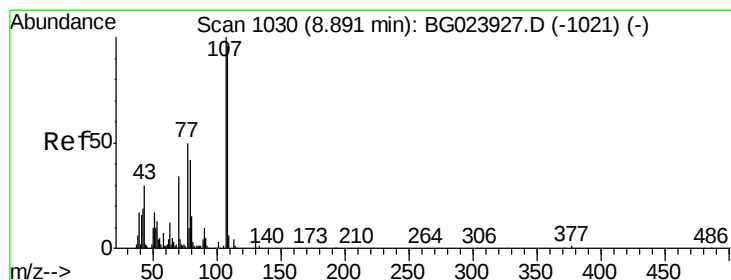
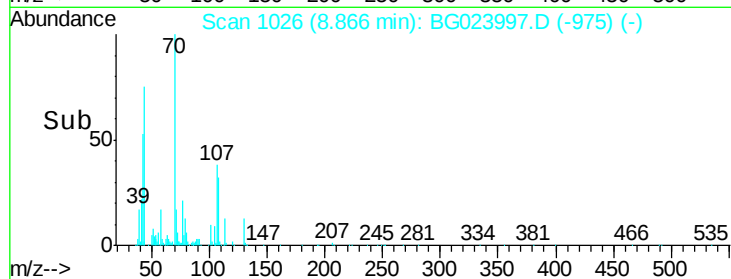
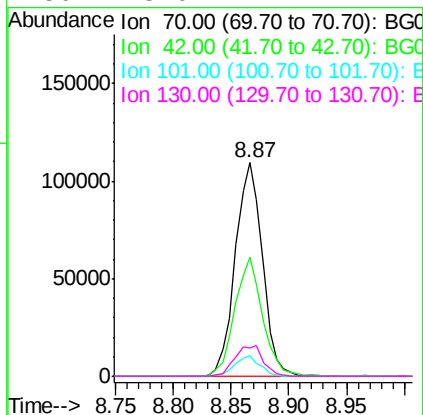
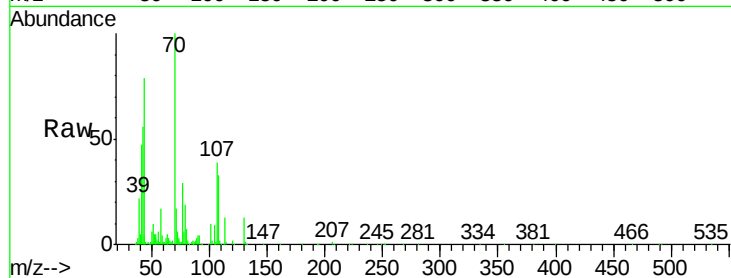




#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

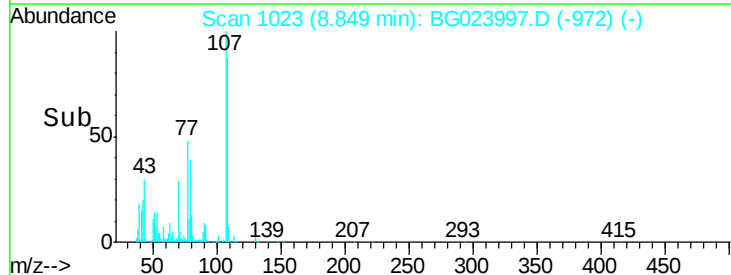
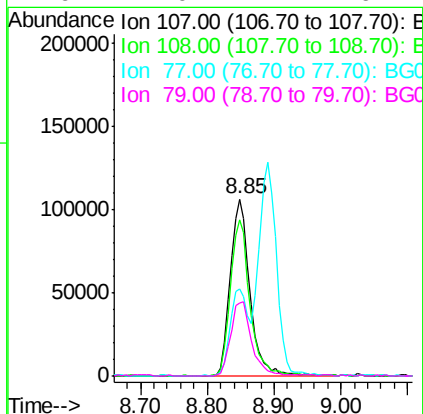
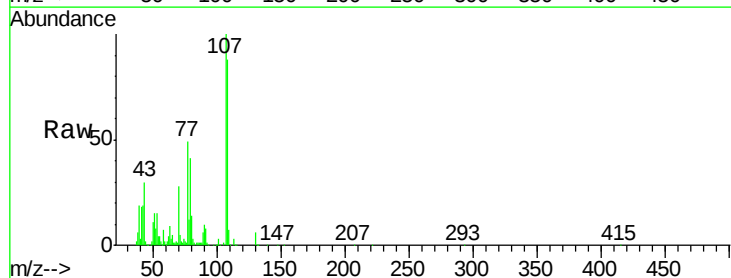
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

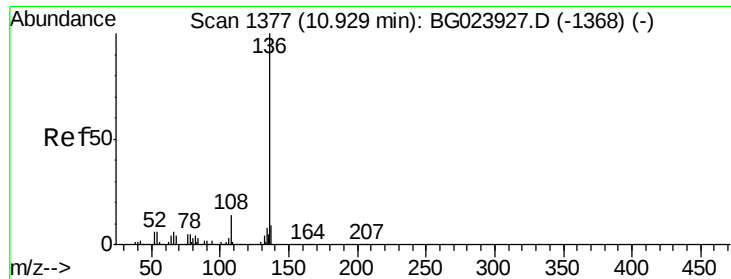
Tot Ion: 70 Resp: 177433
Ion Ratio Lower Upper
70 100
42 55.8 42.1 63.1
101 9.6 7.2 10.8
130 13.0 14.2 21.2#



#20
3+4-Methylphenols
Concen: 53.16 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion: 107 Resp: 221107
Ion Ratio Lower Upper
107 100
108 88.5 72.5 112.5
77 49.4 30.1 70.1
79 41.0 24.2 64.2

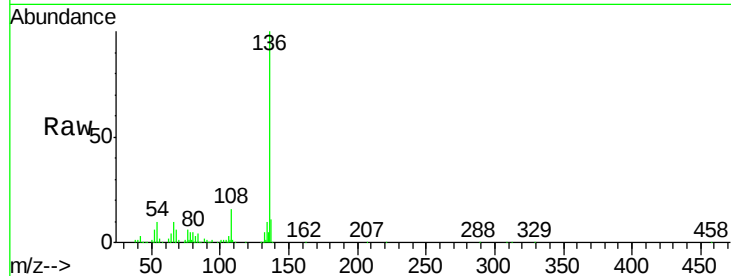




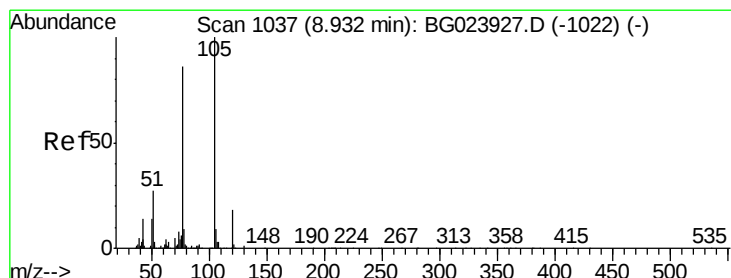
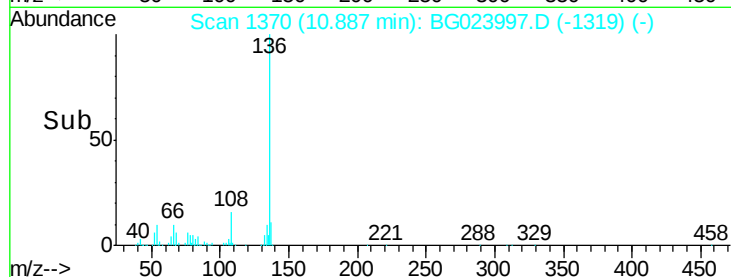
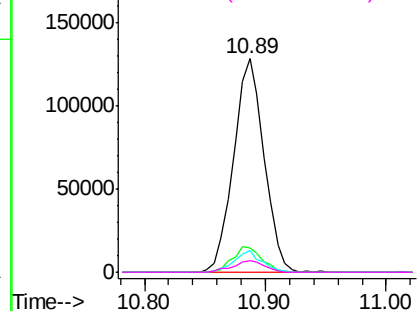
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Instrument :
BNA_G
ClientSampleId :
PB93407BSD

Tot Ion:136	Resp:	224609
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.6	14.4
54 10.0	7.3	10.9
68 5.6	5.3	7.9

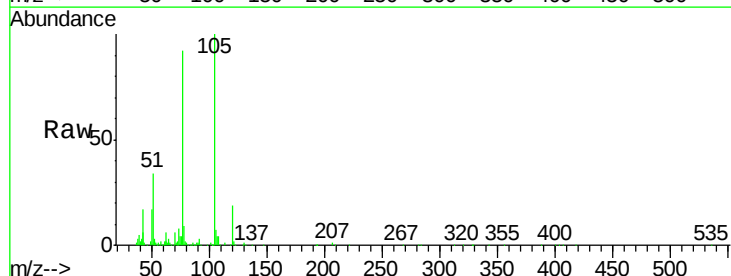


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

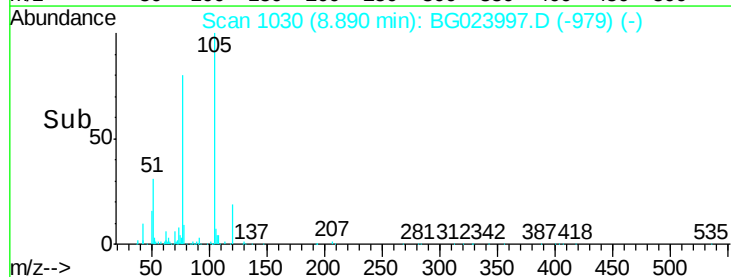
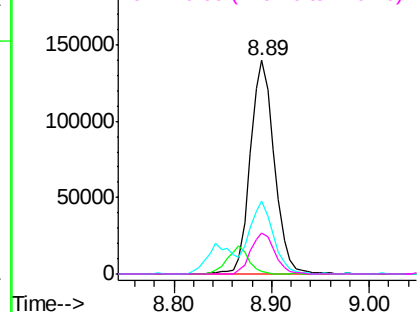


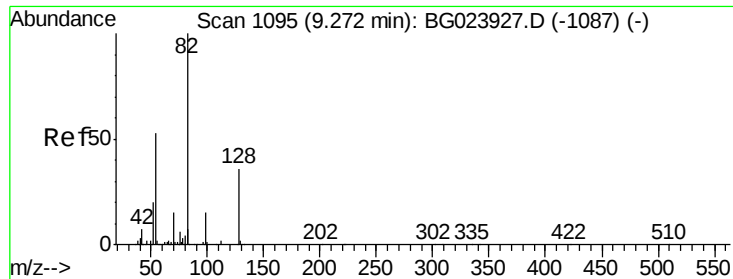
#22
Acetophenone
Concen: 41.47 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt	Ion:105	Resp:	241129
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	3.8#
51	34.1	27.1	40.7
120	19.2	15.1	22.7



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

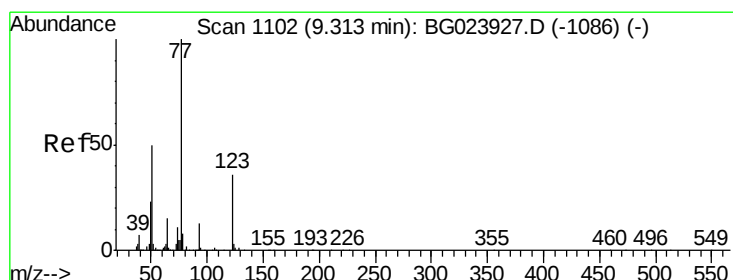
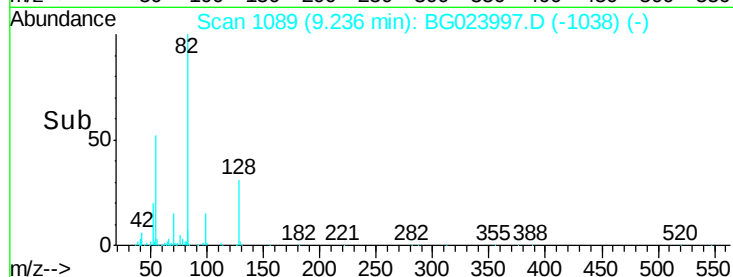
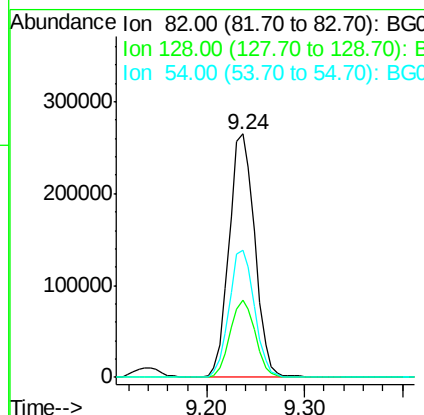
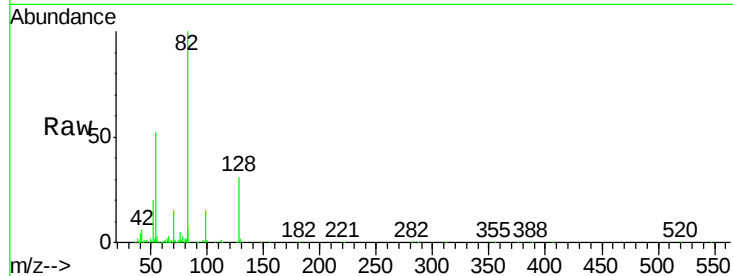




#23
 Nitrobenzene-d5
 Concen: 96.16 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

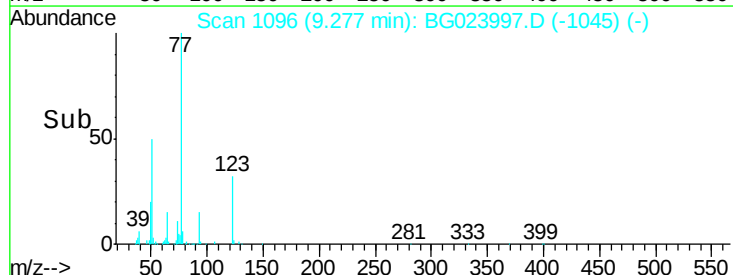
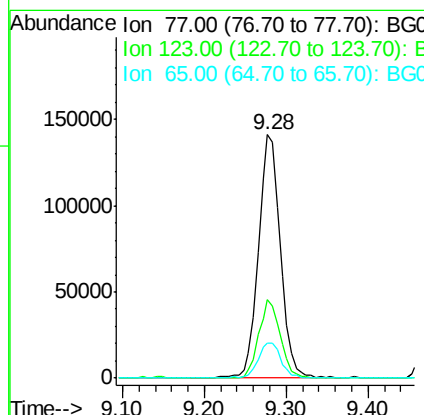
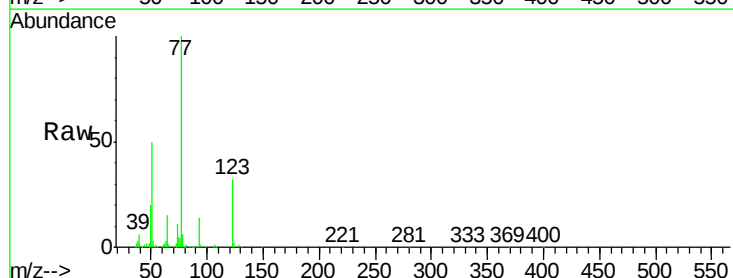
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

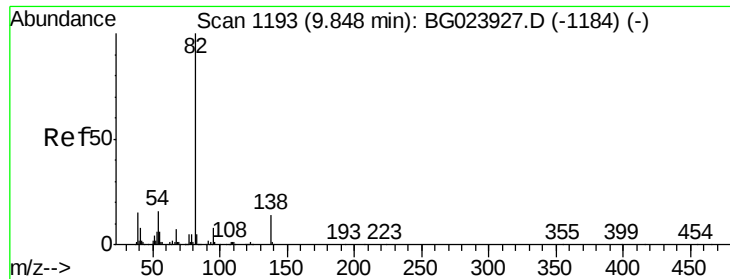
Tot Ion	82	Resp	483782
Ion Ratio	100	Lower	Upper
128	31.5	24.4	36.6
54	52.1	41.4	62.0



#24
 Nitrobenzene
 Concen: 48.74 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion	77	Resp	263709
Ion Ratio	100	Lower	Upper
123	32.3	25.0	37.6
65	14.6	13.4	20.0





#25

Isophorone

Concen: 47.97 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

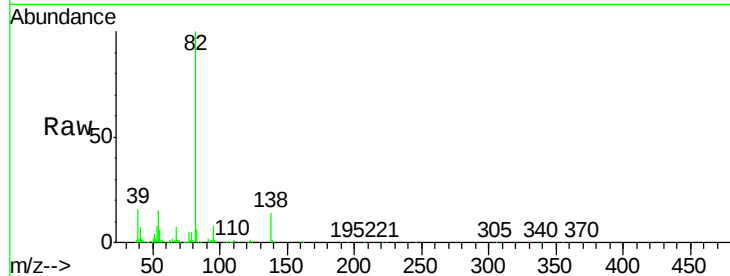
Tot Ion: 82 Resp: 468033

Ion Ratio Lower Upper

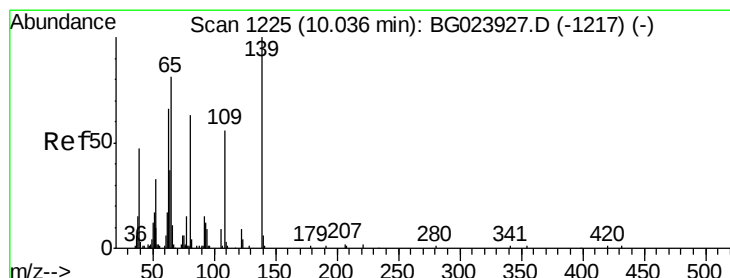
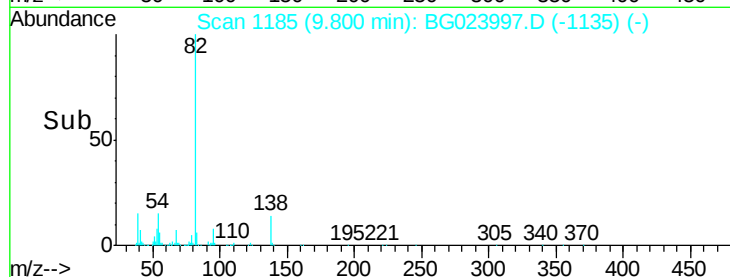
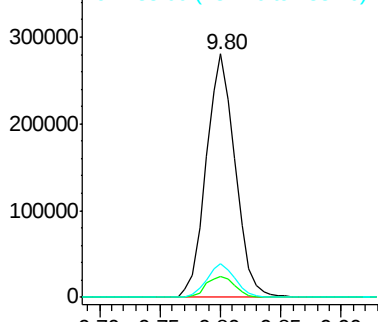
82 100

95 8.4 8.2 12.2

138 13.7 10.7 16.1



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



#26

2-Nitrophenol

Concen: 45.50 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

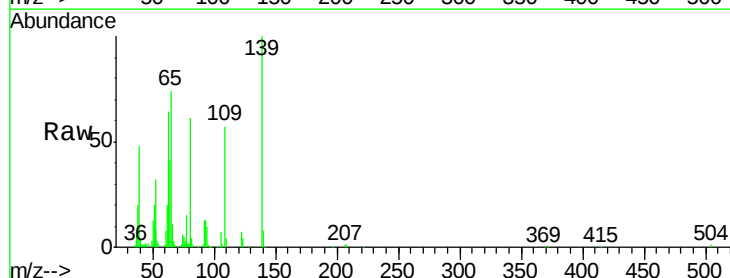
Tgt Ion: 139 Resp: 93579

Ion Ratio Lower Upper

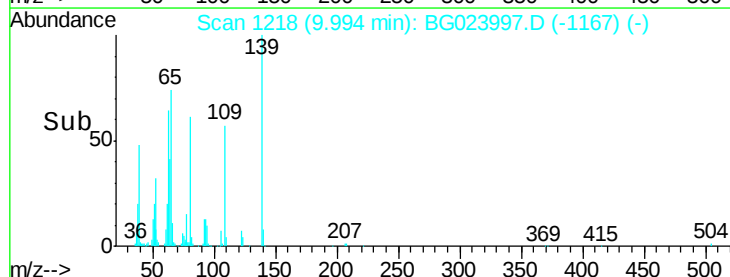
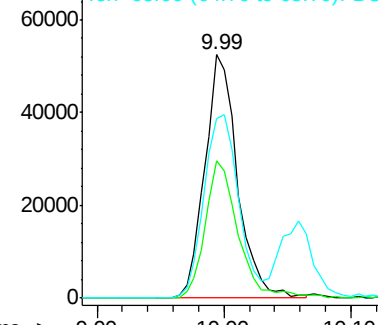
139 100

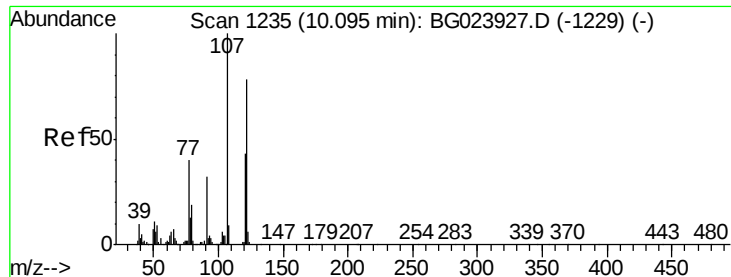
109 56.6 43.5 65.3

65 73.9 64.3 96.5



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

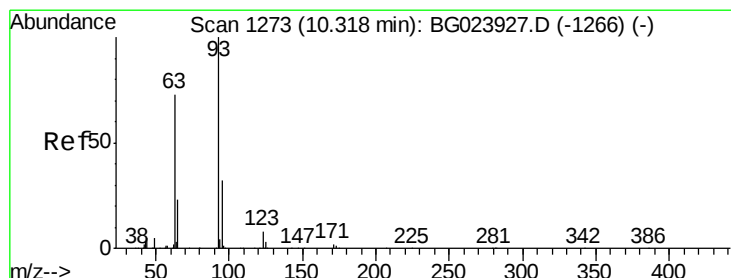
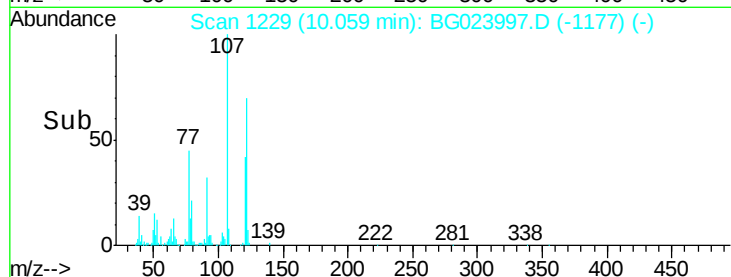
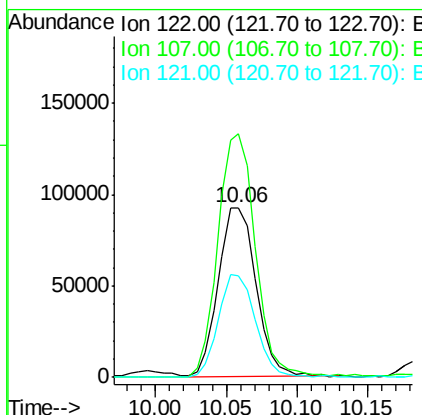
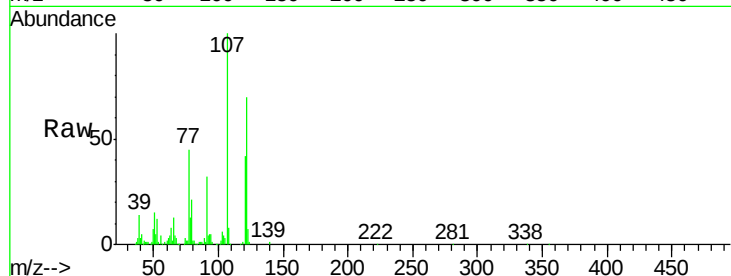




#27
 2,4-Dimethylphenol
 Concen: 49.20 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

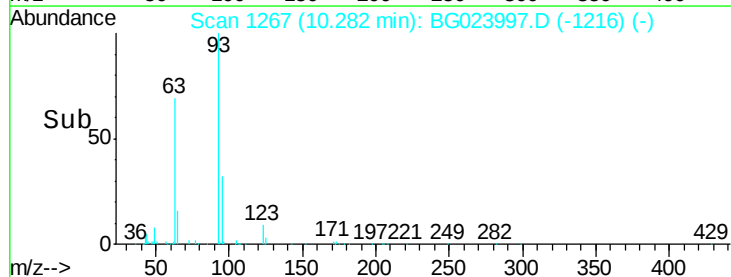
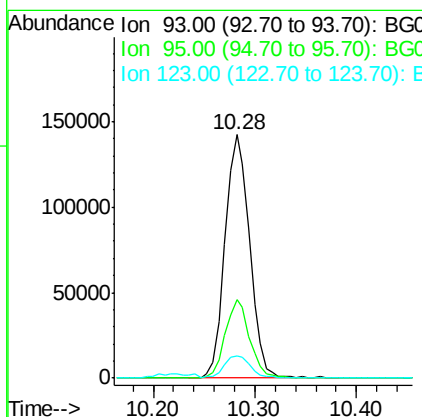
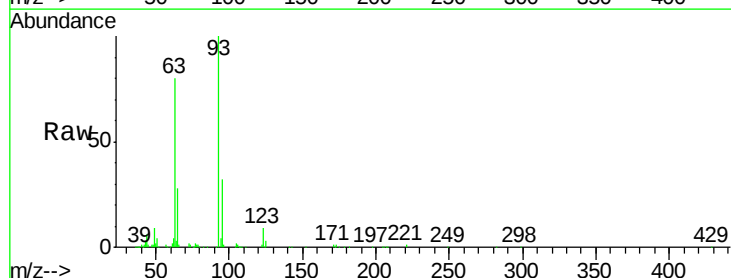
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

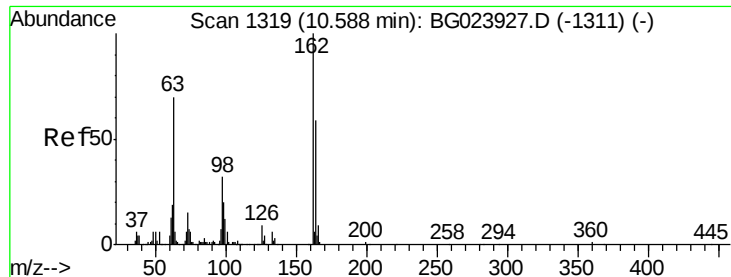
Tot Ion	Ratio	Lower	Upper
122	100		
107	143.5	117.0	175.4
121	60.0	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.60 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	9.3	8.2	12.2

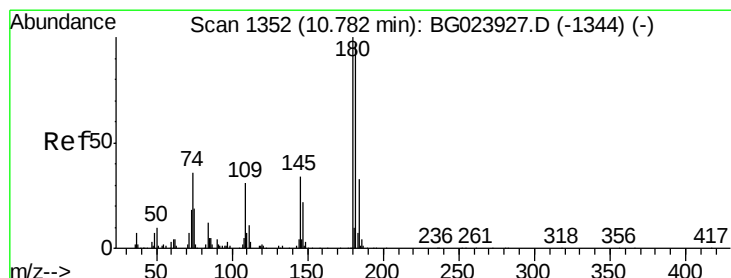
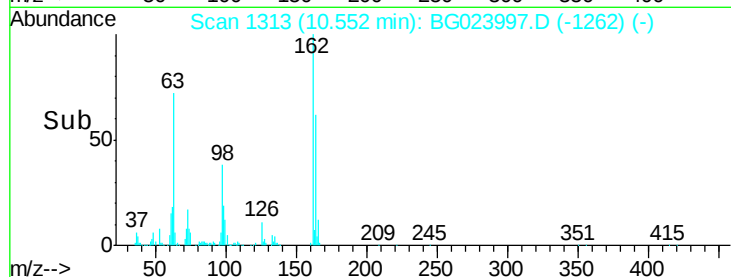
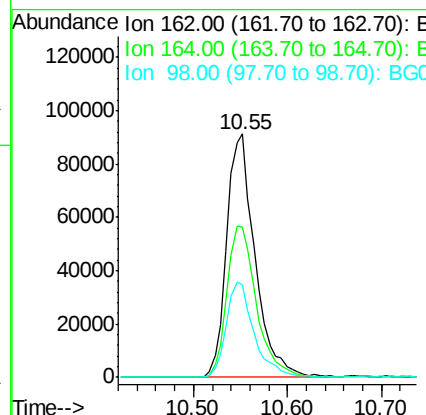
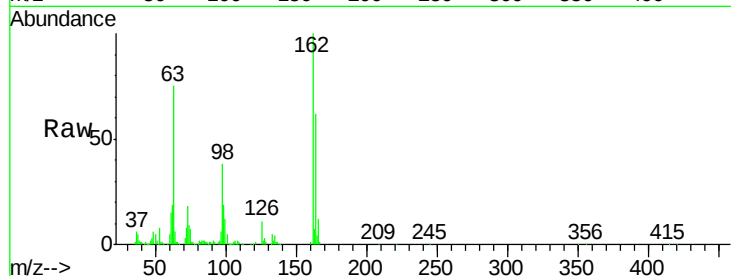




#29
 2,4-Dichlorophenol
 Concen: 51.77 ng
 RT: 10.55 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

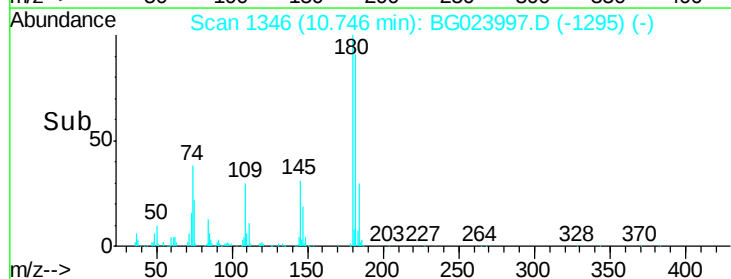
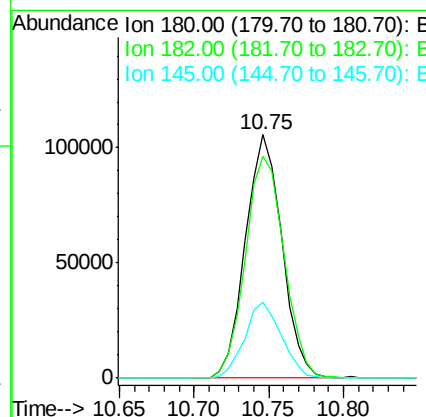
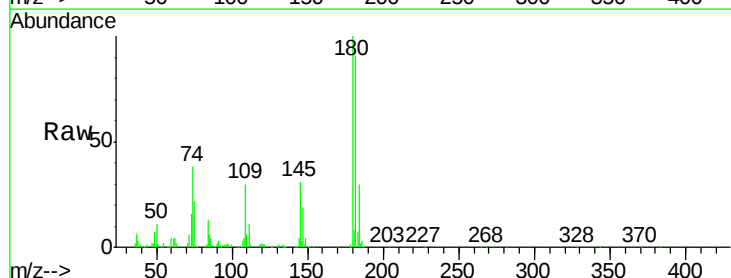
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

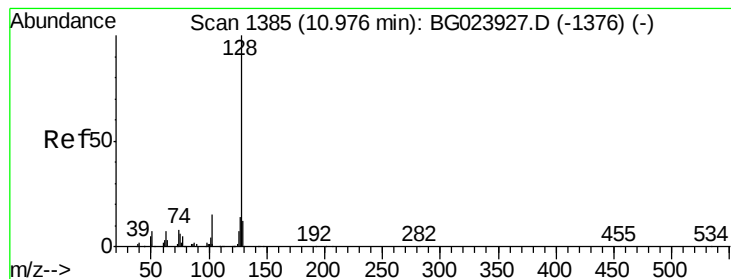
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.3	84.3
98	38.0	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.02 ng
 RT: 10.75 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	73.8	110.8
145	31.4	24.4	36.6





#31

Naphthalene

Concen: 43.49 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

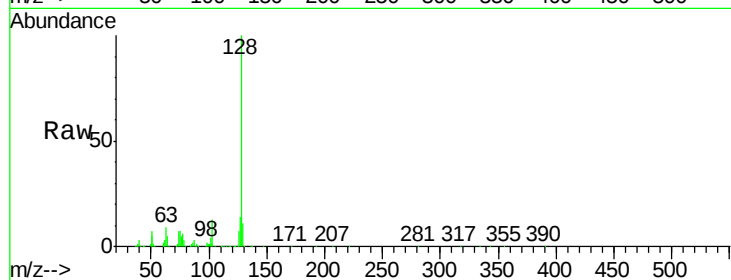
Tot Ion:128 Resp: 503282

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

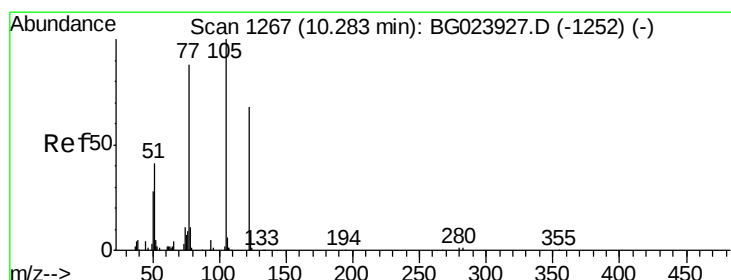
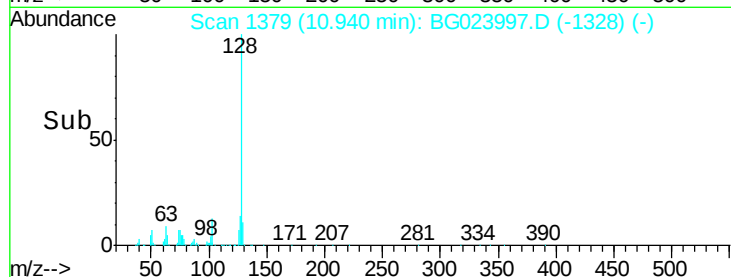
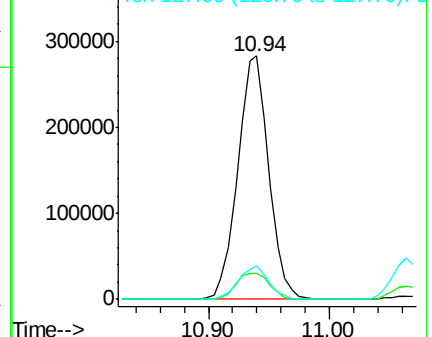
127 13.8 11.3 16.9



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: 31.66 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.03 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

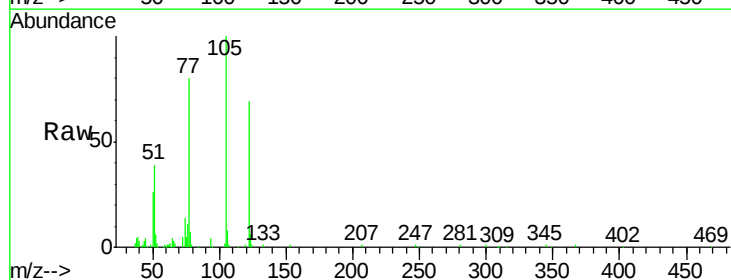
Tgt Ion:122 Resp: 89867

Ion Ratio Lower Upper

122 100

105 145.1 117.2 157.2

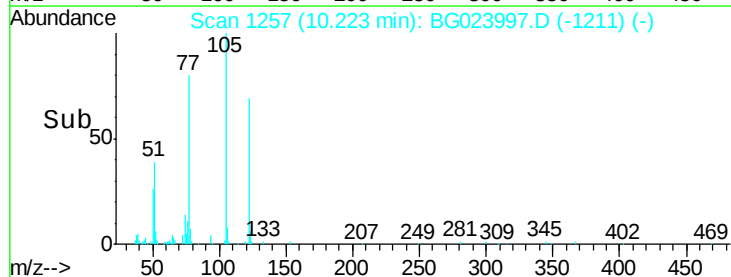
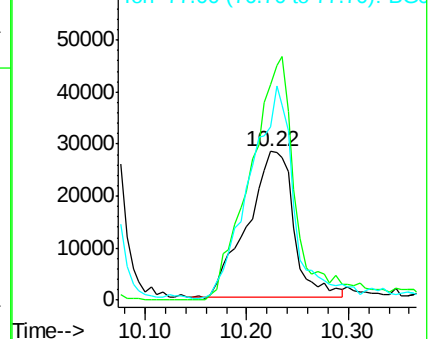
77 116.2 109.2 149.2

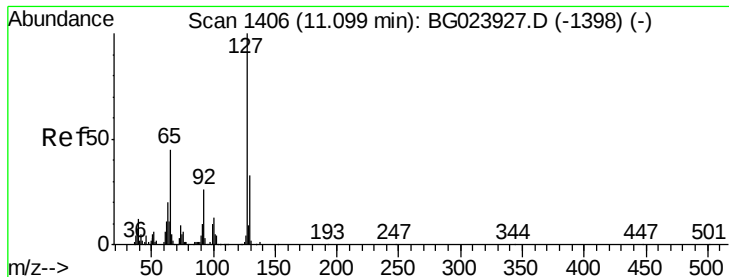


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

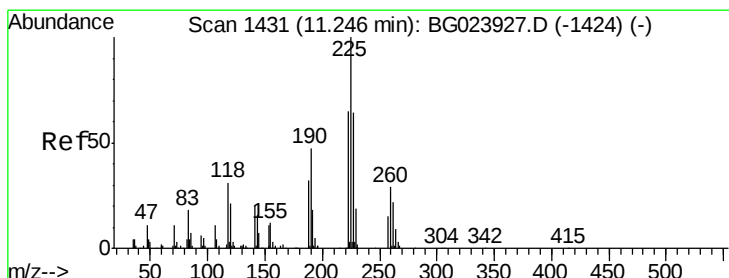
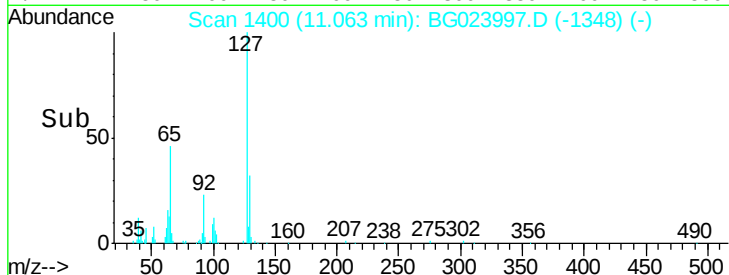
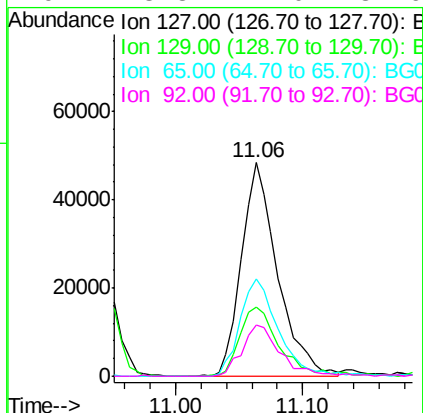
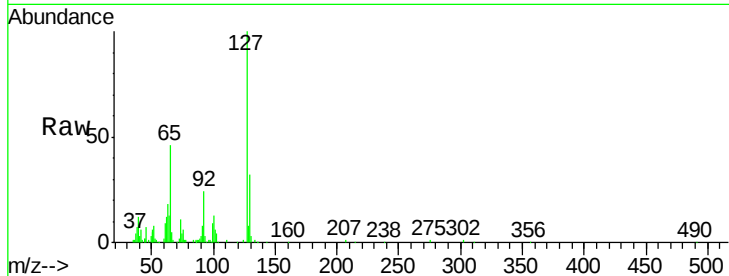




#33
4-Chloroaniline
Concen: 19.77 ng
RT: 11.06 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

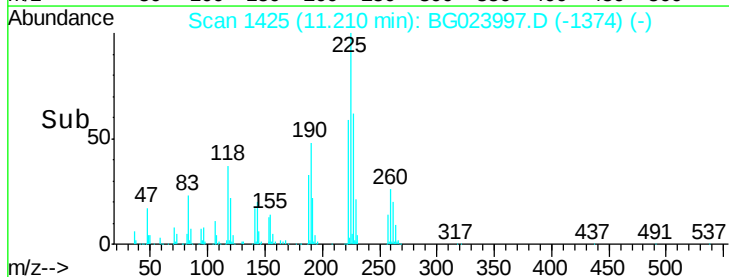
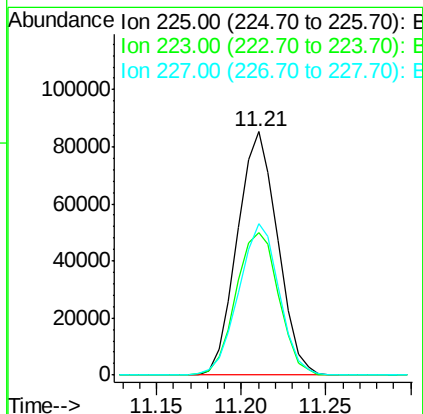
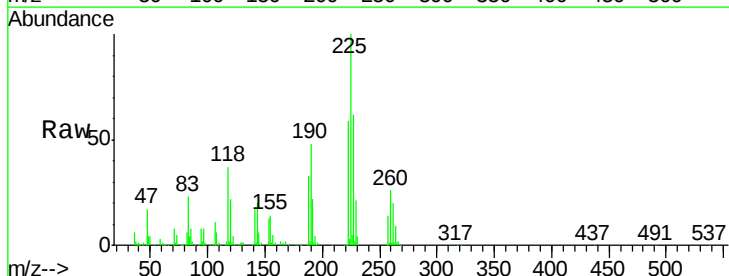
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

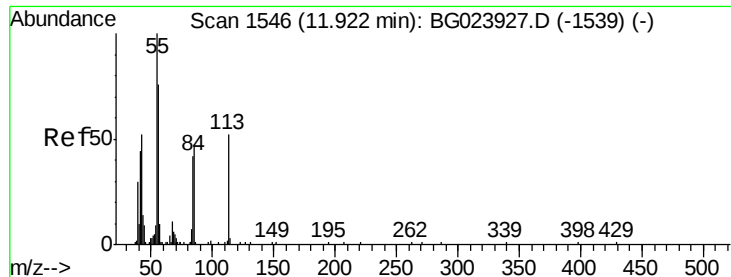
Tot Ion:127	Resp:	95569
Ion Ratio	Lower	Upper
127	100	
129	32.1	27.9 41.9
65	45.8	36.8 55.2
92	23.8	21.0 31.6



#34
Hexachlorobutadiene
Concen: 46.32 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion:225	Resp:	141322
Ion Ratio	Lower	Upper
225	100	
223	58.5	49.6 74.4
227	62.0	54.5 81.7





#35

Caprolactam

Concen: 51.61 ng/mL

RT: 11.86 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

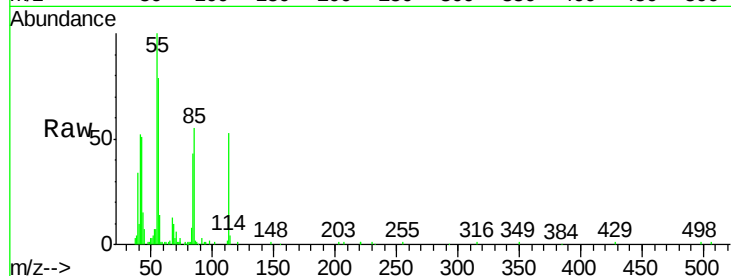
Tot Ion:113 Resp: 67362

Ion Ratio Lower Upper

113 100

55 186.9 154.5 194.5

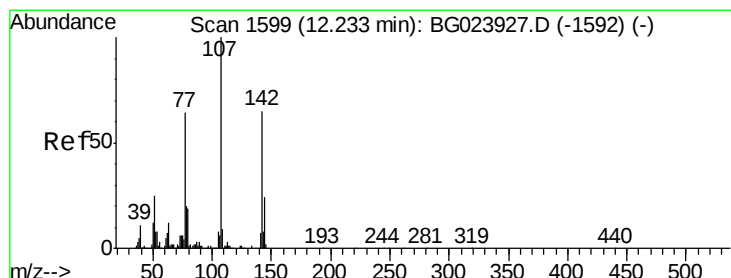
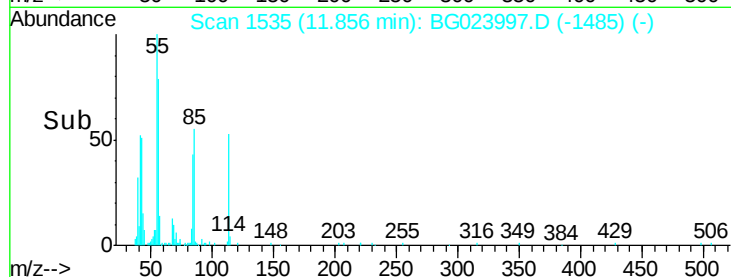
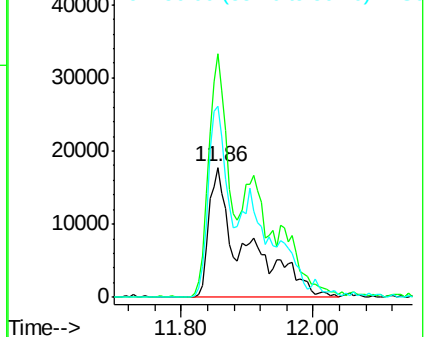
56 146.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.79 ng/mL

RT: 12.20 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

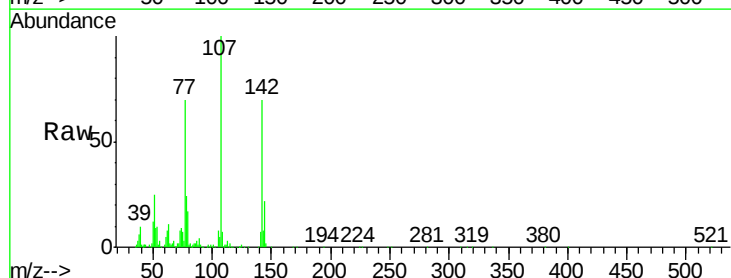
Tgt Ion:107 Resp: 246373

Ion Ratio Lower Upper

107 100

144 21.7 17.0 25.6

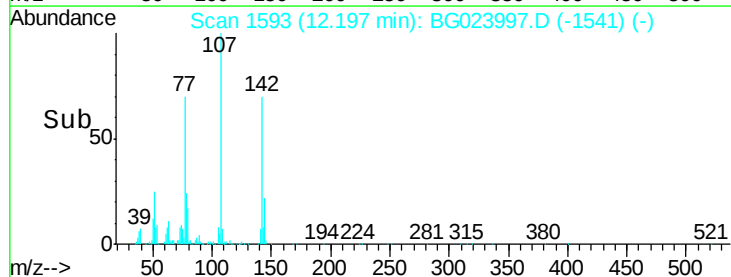
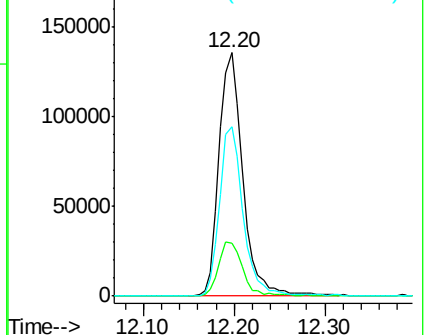
142 69.8 53.0 79.6

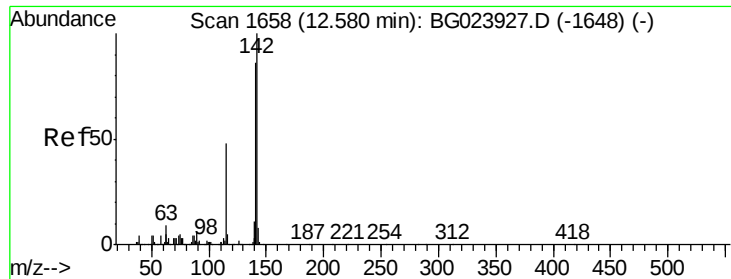


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

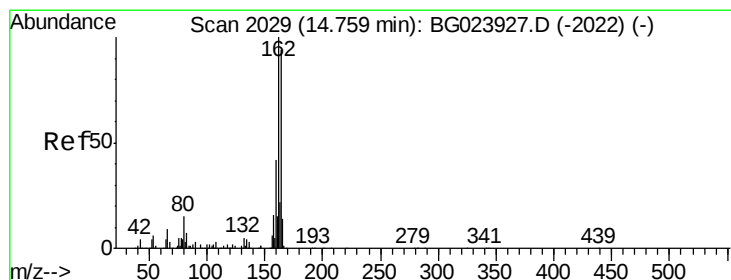
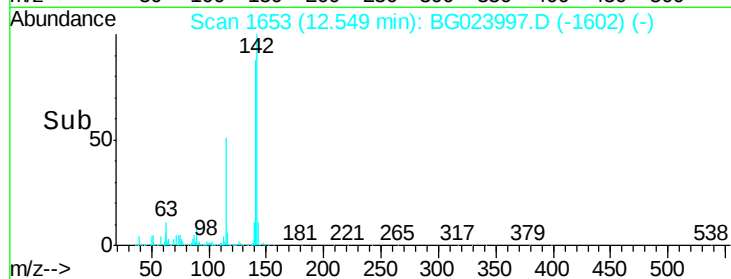
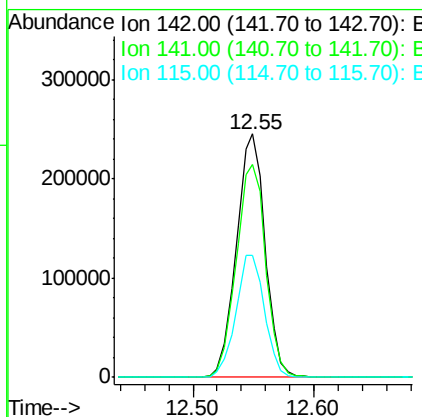
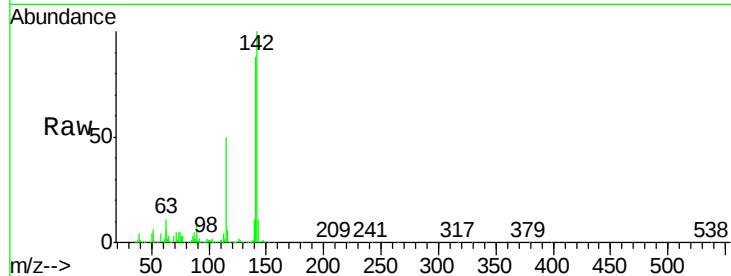




#37
2-Methylnaphthalene
Concen: 46.12 ng
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

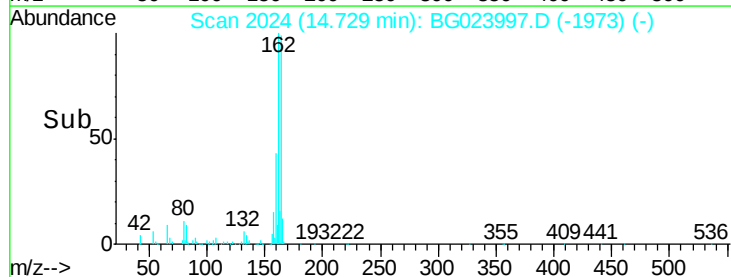
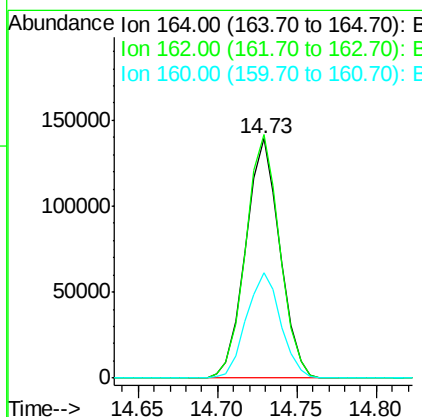
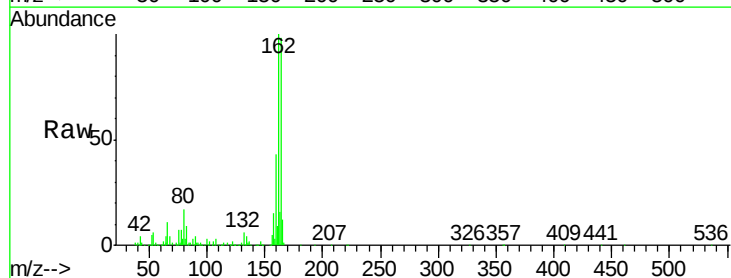
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

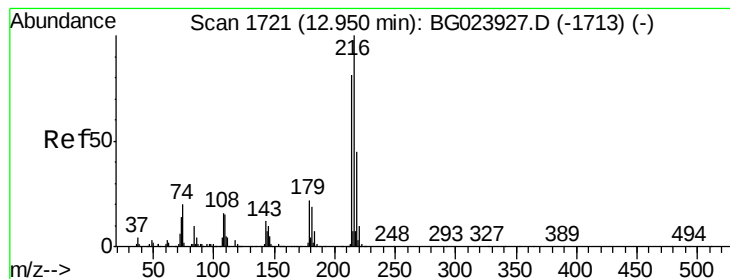
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2
115	50.0	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	43.7	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.38 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

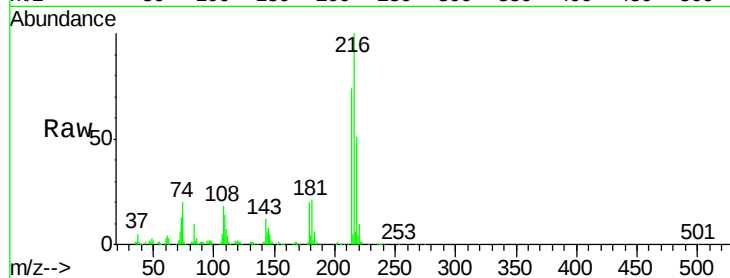
BNA_G

ClientSampleId :

PB93407BSD

Tot Ion:216 Resp: 231040

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	20.9	17.2	25.8
108	22.2	16.3	24.5

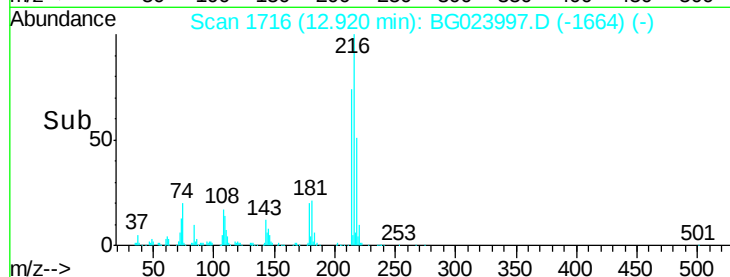


Abundance Ion 216.00 (215.70 to 216.70): E

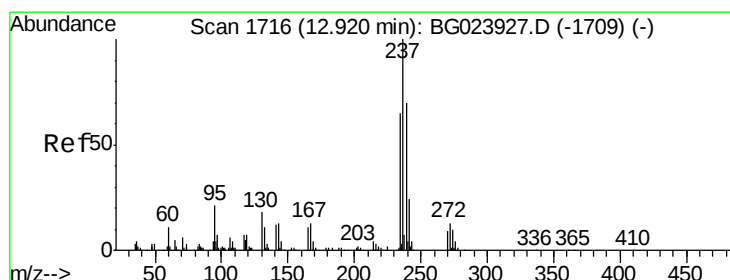
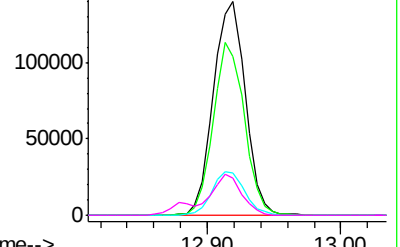
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.72 ng

RT: 12.88 min Scan# 1710

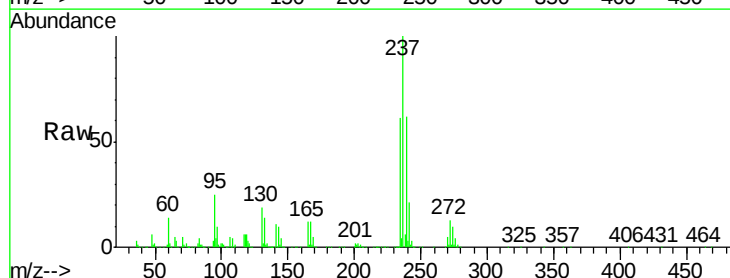
Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Tgt Ion:237 Resp: 300365

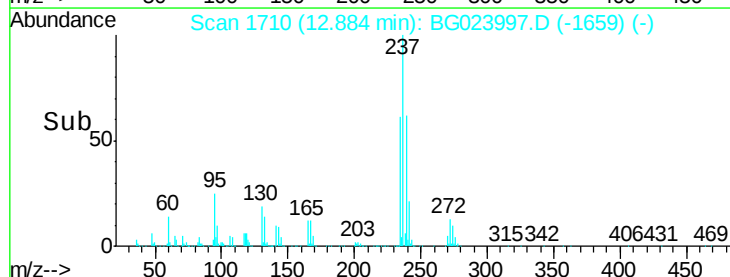
Ion	Ratio	Lower	Upper
237	100		
235	61.0	43.1	83.1
272	12.6	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

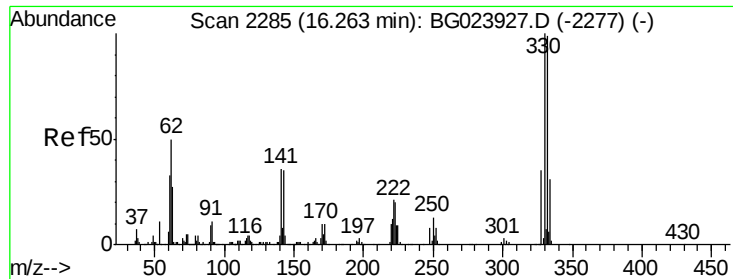
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

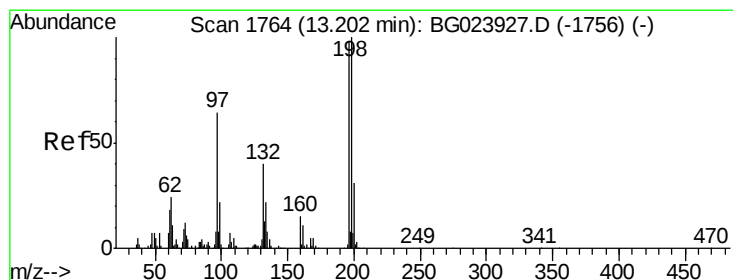
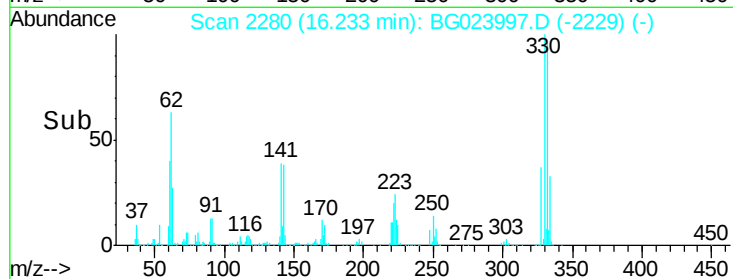
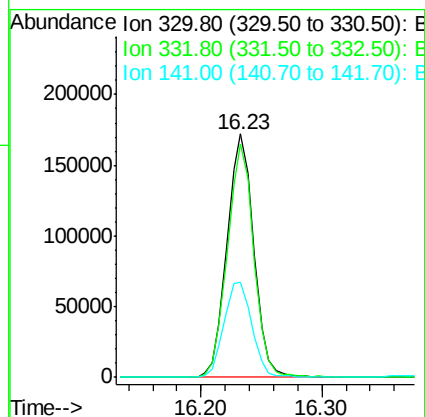
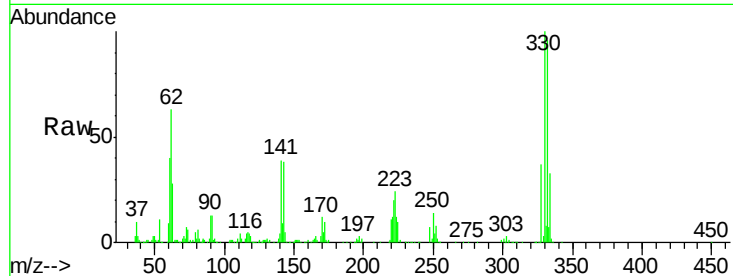




#41
 2,4,6-Tribromophenol
 Concen: 70.34 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

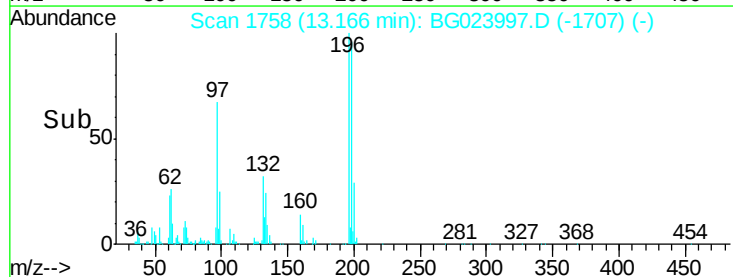
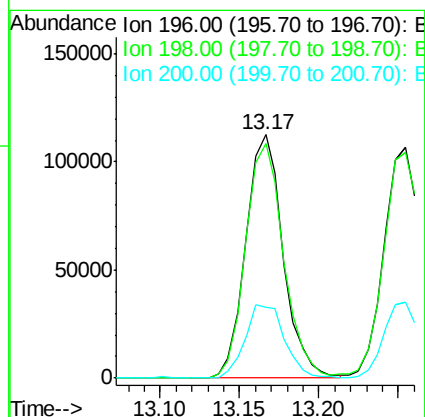
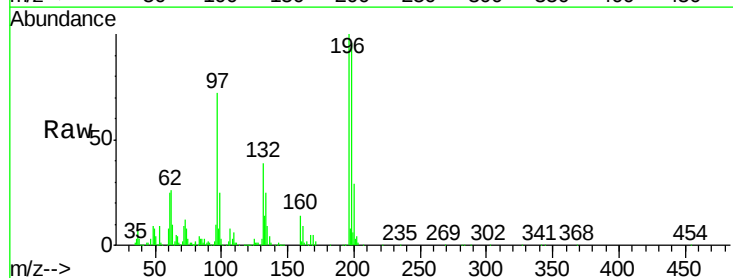
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

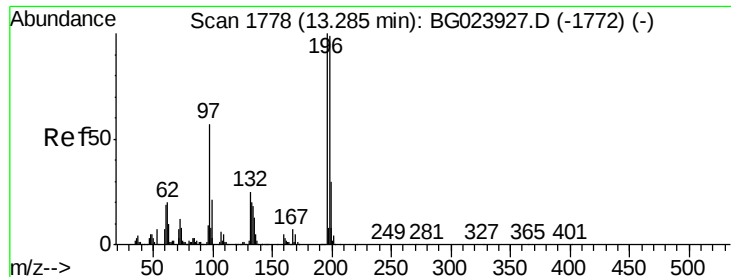
Tot Ion:330 Resp: 264276
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 41.0 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 39.91 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion:196 Resp: 184343
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.2 117.2
 200 28.9 27.0 40.4

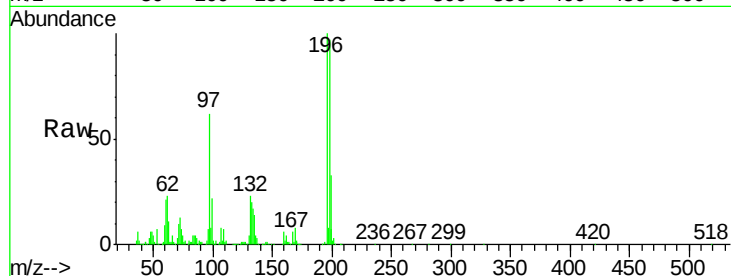




#43
 2,4,5-Trichlorophenol
 Concen: 40.78 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	85.7	128.5
97	62.4	45.5	68.3
132	23.3	18.9	28.3

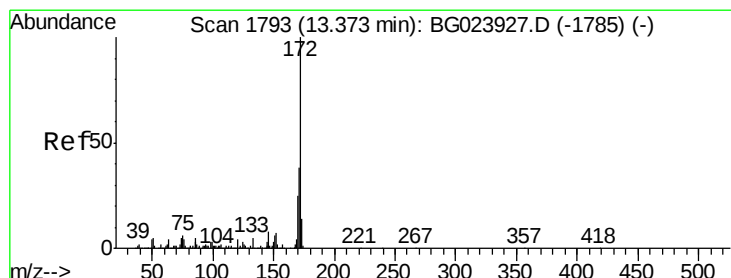
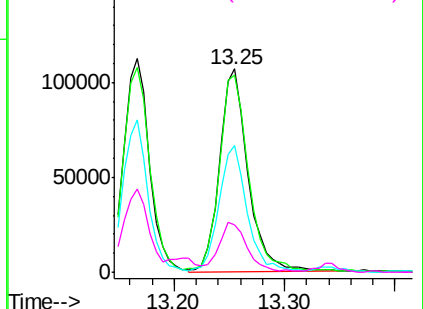
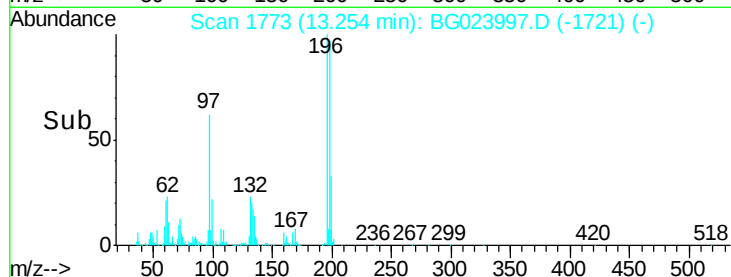


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

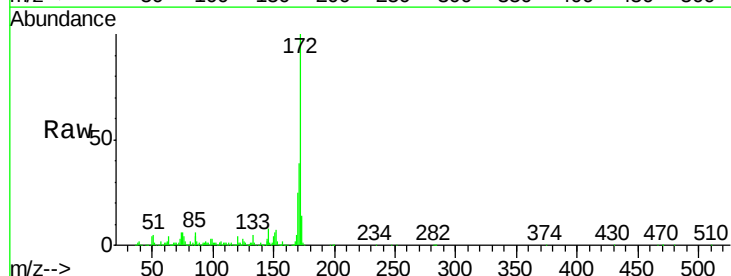
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.40 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

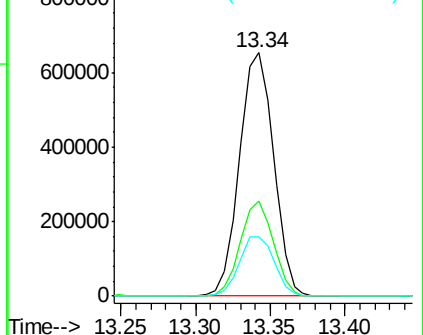
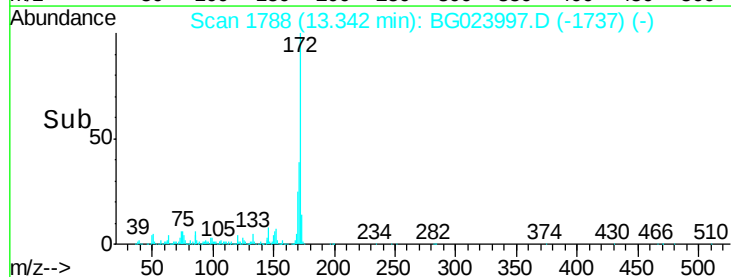
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	24.5	21.3	31.9

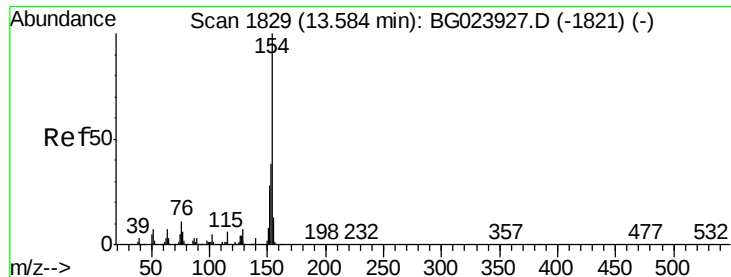


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 31.40 ng

RT: 13.55 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

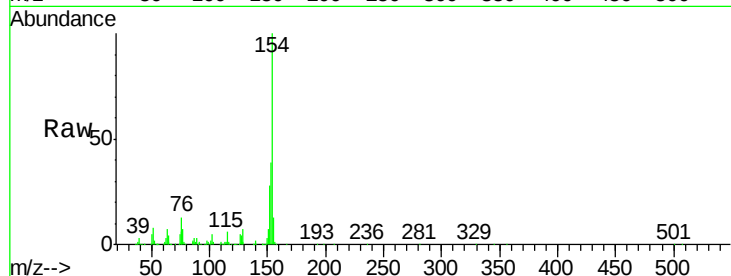
Tot Ion:154 Resp: 526632

Ion Ratio Lower Upper

154 100

153 39.4 20.2 60.2

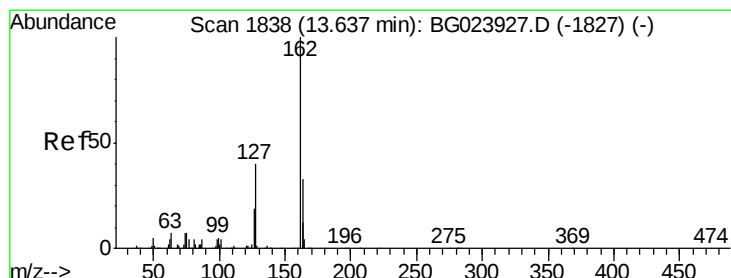
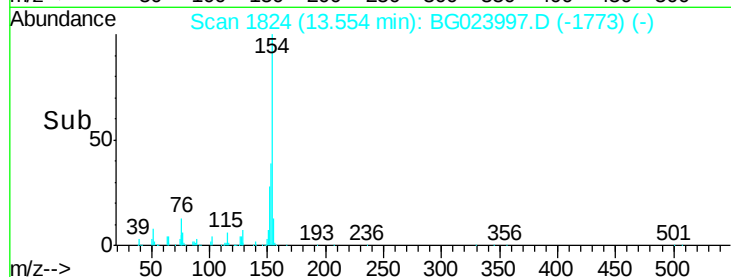
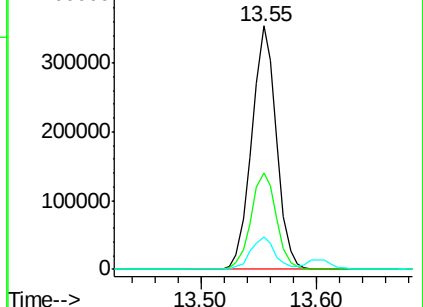
76 13.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 37.72 ng

RT: 13.60 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

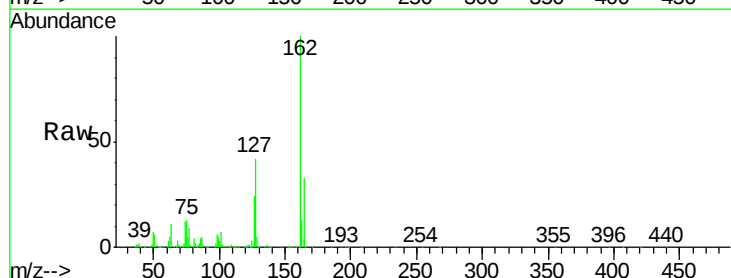
Tgt Ion:162 Resp: 464484

Ion Ratio Lower Upper

162 100

127 42.2 32.4 48.6

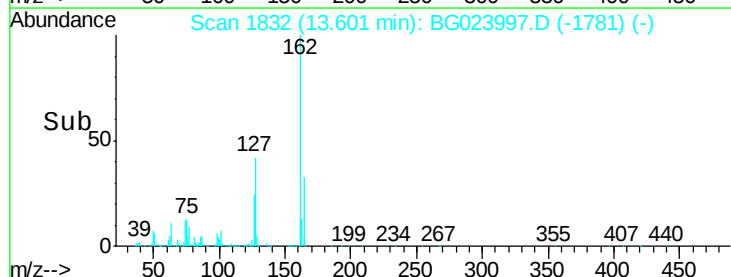
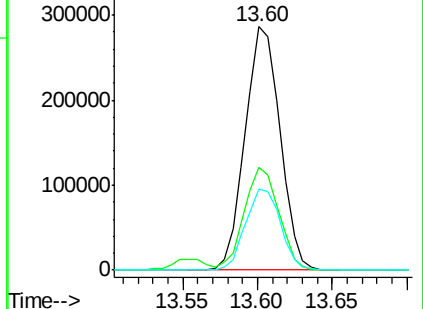
164 33.4 25.2 37.8

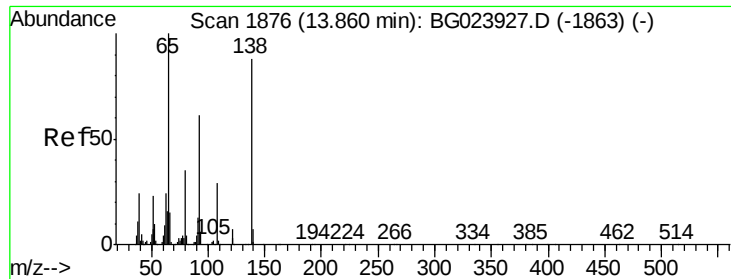


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

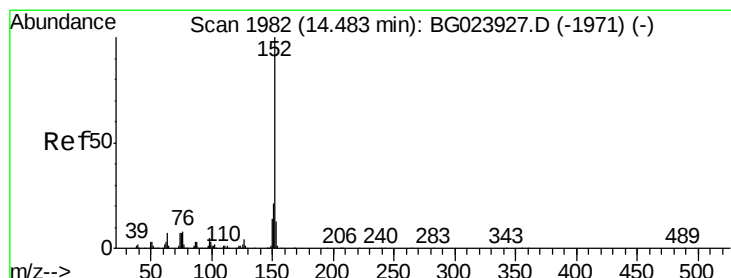
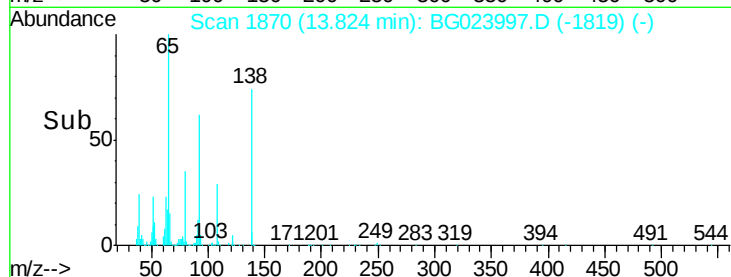
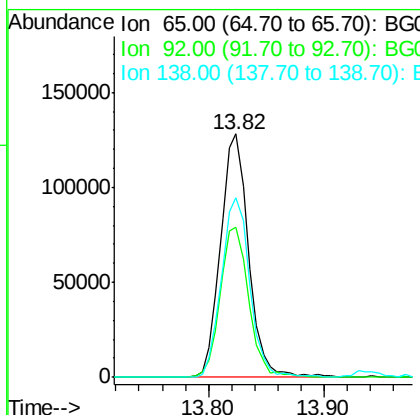
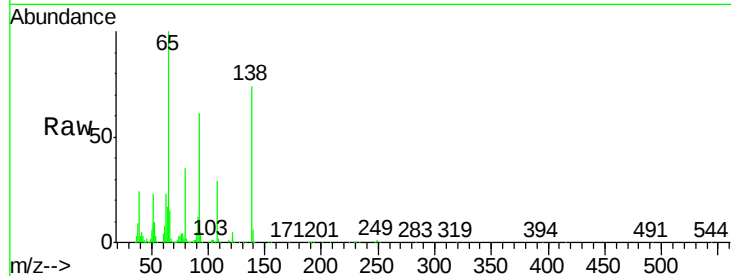




#47
2-Nitroaniline
Concen: 44.46 ng
RT: 13.82 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

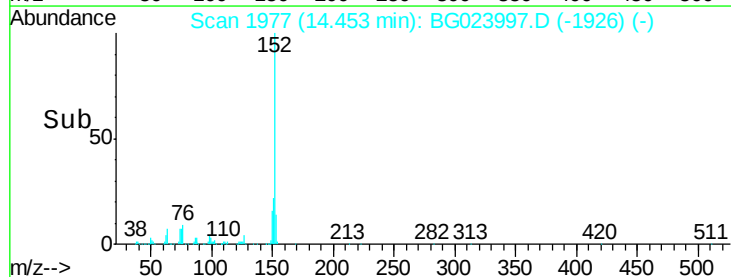
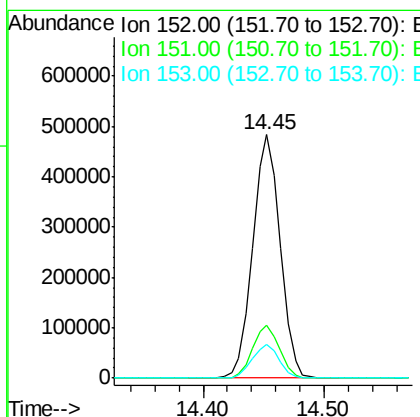
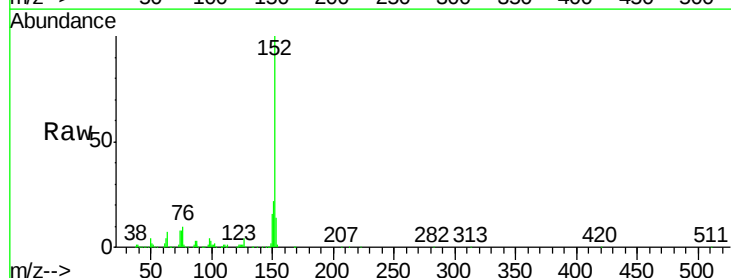
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

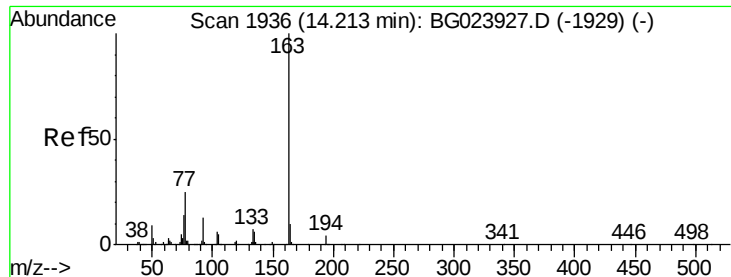
Tot Ion: 65 Resp: 215672
Ion Ratio Lower Upper
65 100
92 61.5 49.4 74.0
138 73.8 58.0 87.0



#48
Acenaphthylene
Concen: 37.11 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion: 152 Resp: 761699
Ion Ratio Lower Upper
152 100
151 21.6 17.6 26.4
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 38.16 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

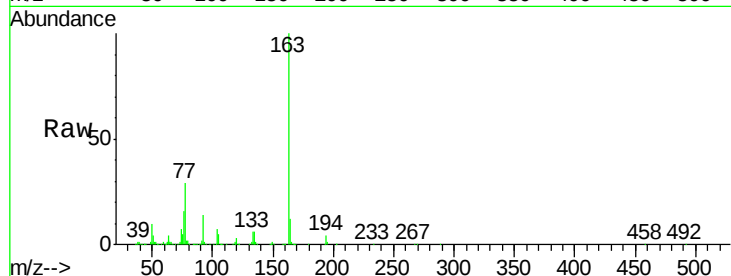
Tot Ion:163 Resp: 682347

Ion Ratio Lower Upper

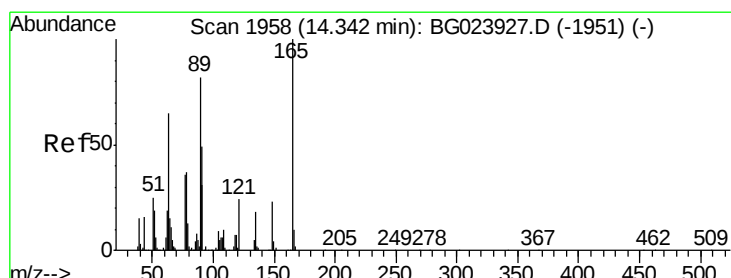
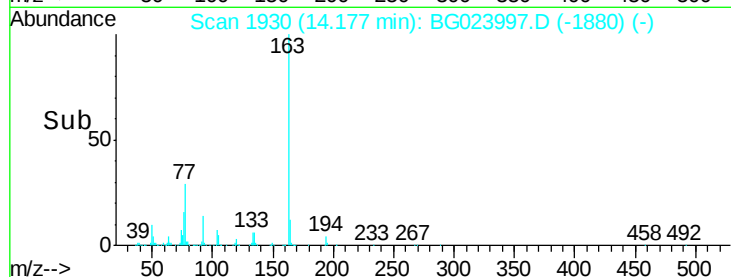
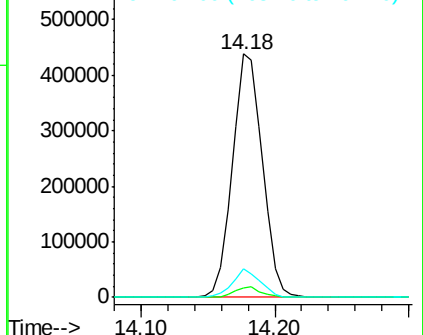
163 100

194 3.8 3.6 5.4

164 11.5 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: 39.94 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

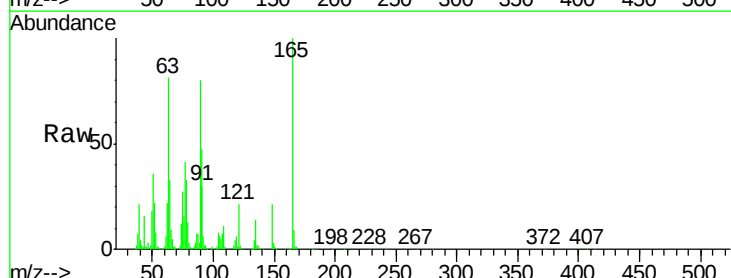
Tgt Ion:165 Resp: 150753

Ion Ratio Lower Upper

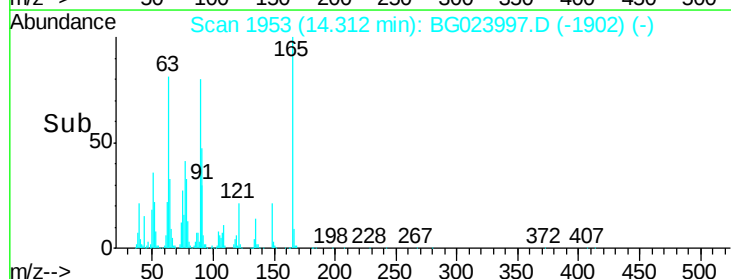
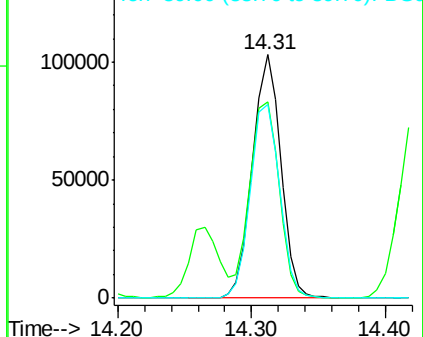
165 100

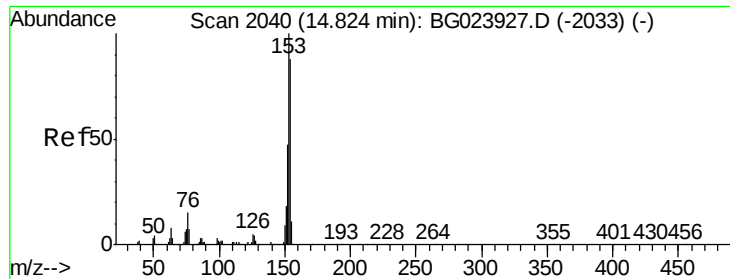
63 80.8 64.3 96.5

89 79.6 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: 38.24 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

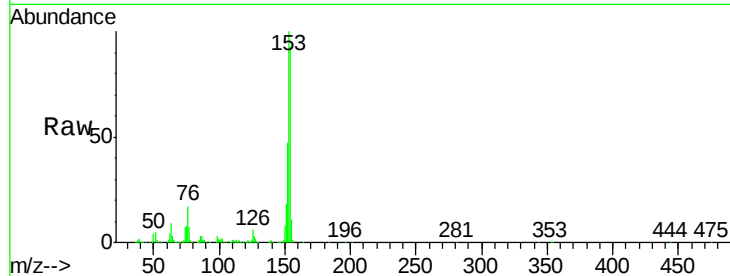
Tot Ion:154 Resp: 485256

Ion Ratio Lower Upper

154 100

153 107.9 87.5 131.3

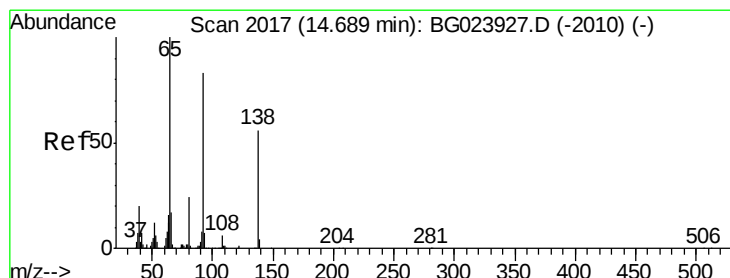
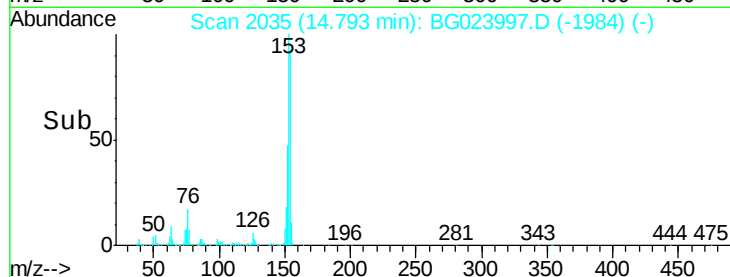
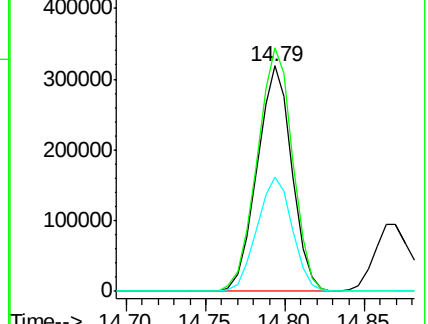
152 50.7 42.7 64.1



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: 23.27 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

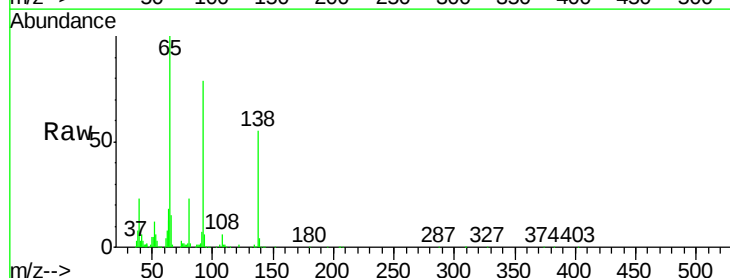
Tgt Ion:138 Resp: 82177

Ion Ratio Lower Upper

138 100

108 10.6 11.7 17.5#

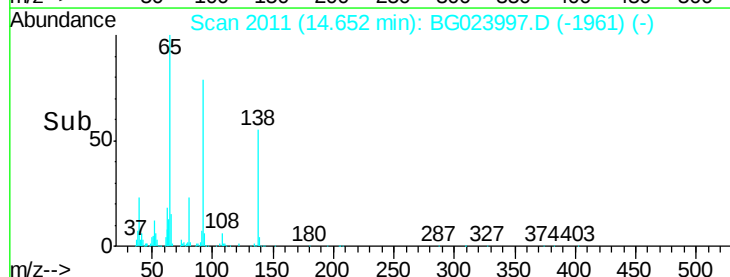
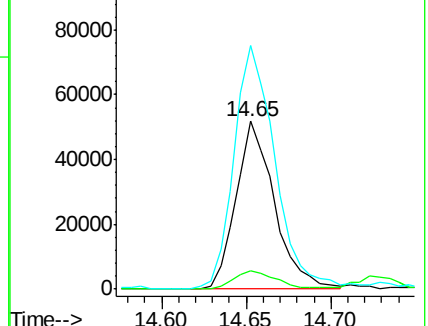
92 145.1 129.7 194.5

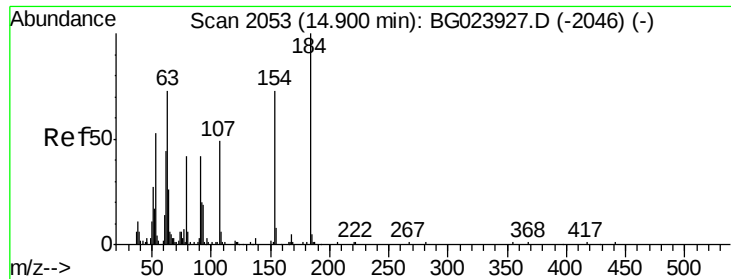


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

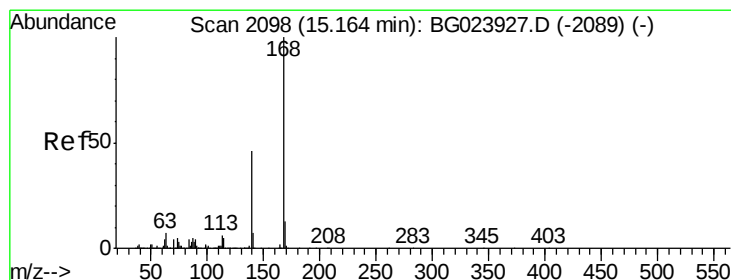
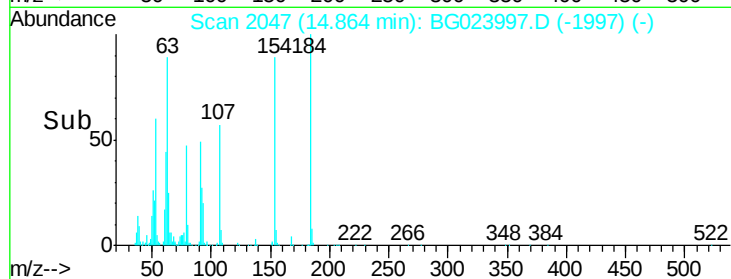
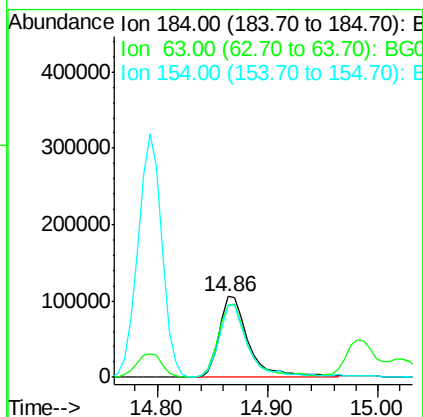
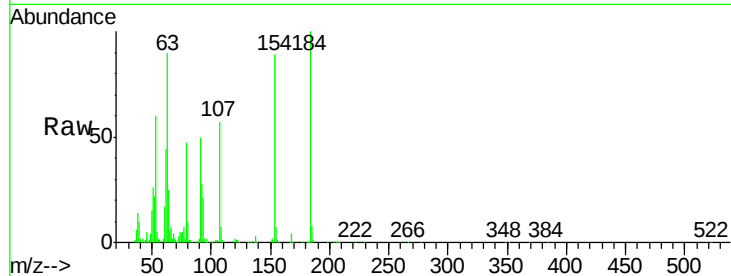




#53
2,4-Dinitrophenol
Concen: 72.55 na
RT: 14.86 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

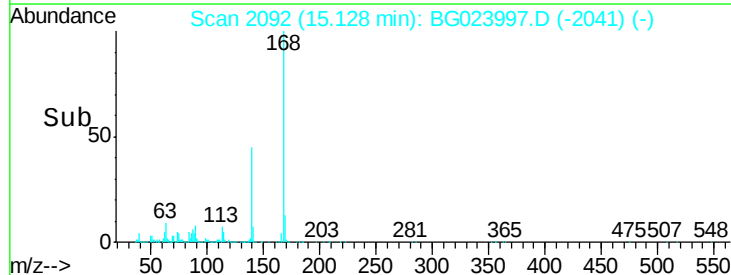
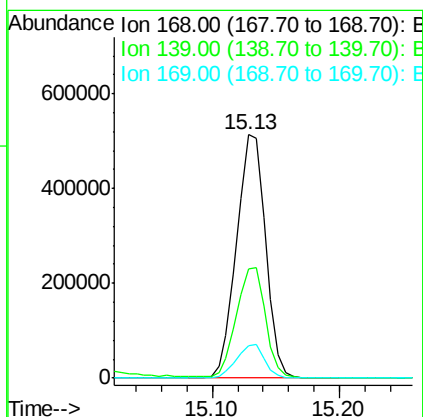
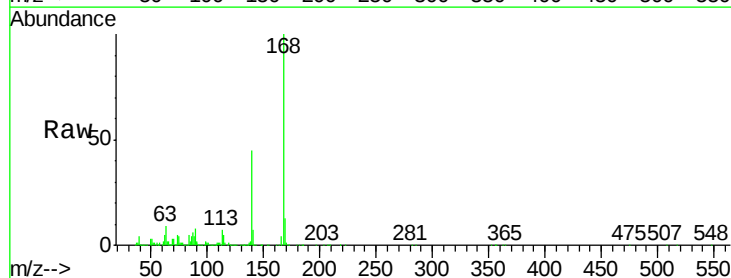
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

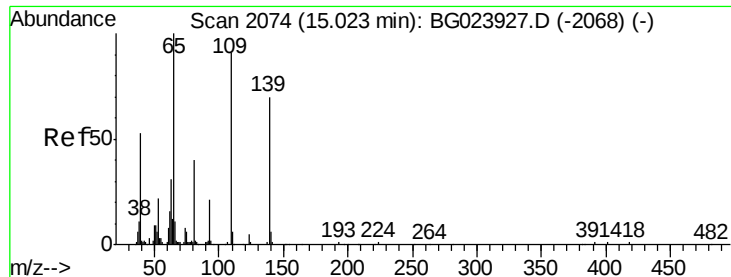
Tot Ion:184 Resp: 198405
Ion Ratio Lower Upper
184 100
63 89.6 59.6 89.4#
154 89.3 67.4 101.0



#54
Dibenzofuran
Concen: 41.09 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion:168 Resp: 813822
Ion Ratio Lower Upper
168 100
139 44.7 36.4 54.6
169 13.4 11.9 17.9

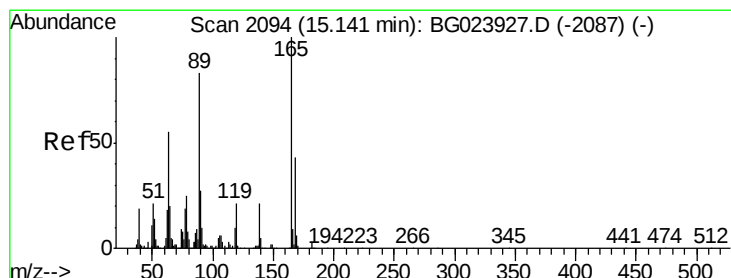
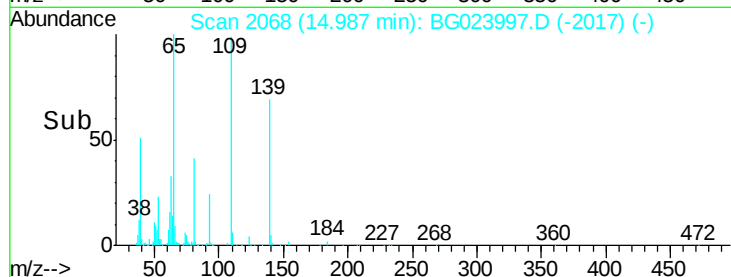
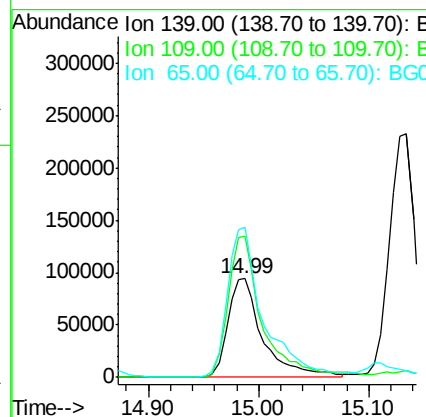
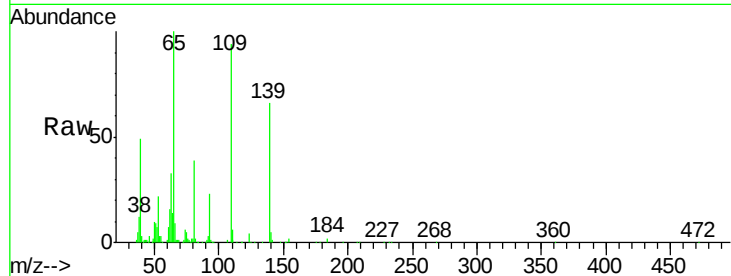




#55
4-Nitrophenol
Concen: 74.29 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

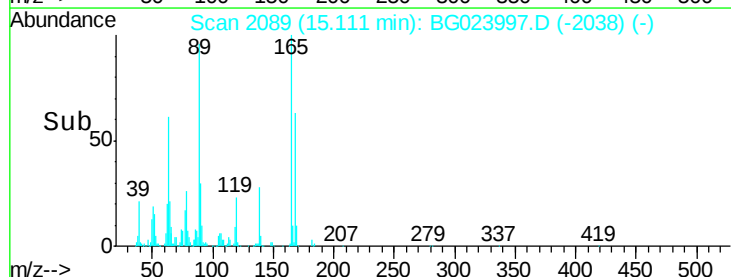
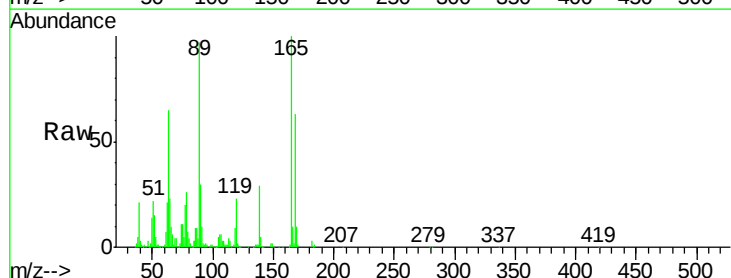
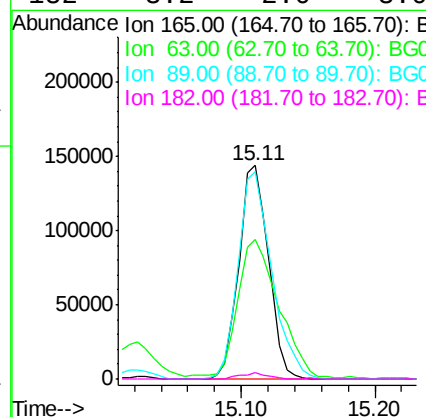
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

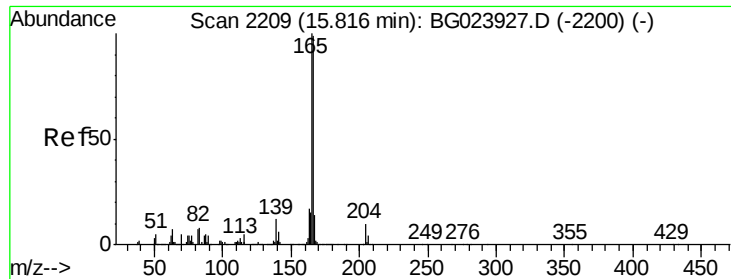
Tot Ion	Ratio	Lower	Upper
139	100		
109	142.5	103.0	143.0
65	152.3	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 39.86 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.3	45.8	68.6
89	97.3	68.6	102.8
182	3.2	2.0	3.0#





#57

Fluorene

Concen: 38.85 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

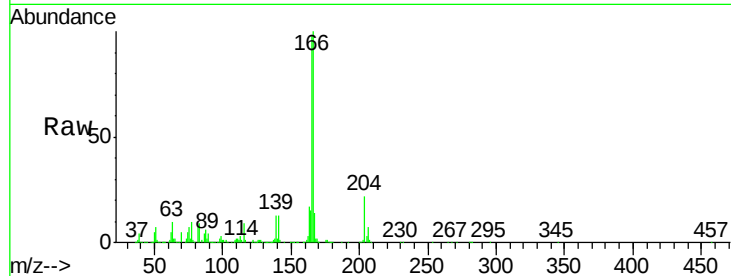
Tot Ion:166 Resp: 667308

Ion Ratio Lower Upper

166 100

165 98.5 81.0 121.6

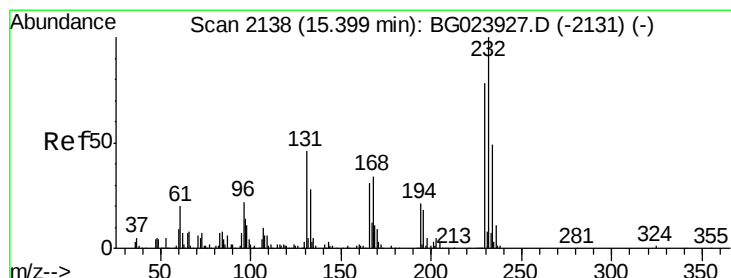
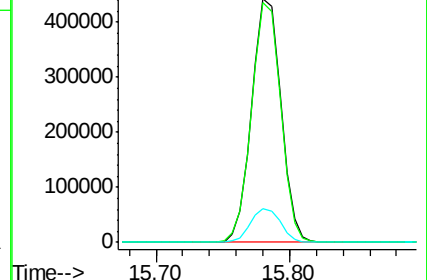
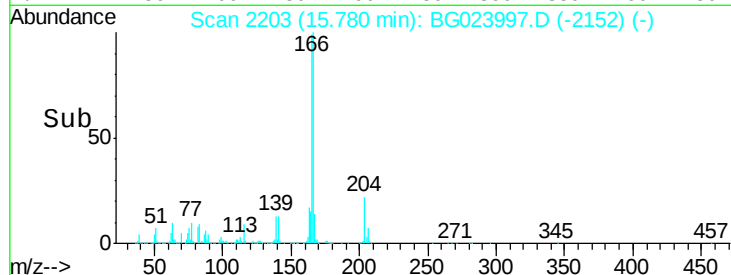
167 13.7 12.0 18.0



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: 43.81 ng

RT: 15.36 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Tgt Ion:232 Resp: 207645

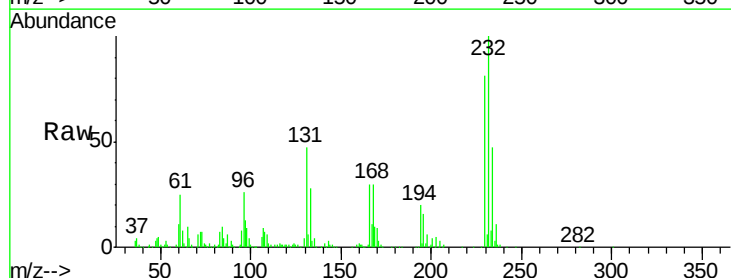
Ion Ratio Lower Upper

232 100

131 44.8 32.7 49.1

130 3.2 2.6 3.8

166 30.7 23.0 34.6

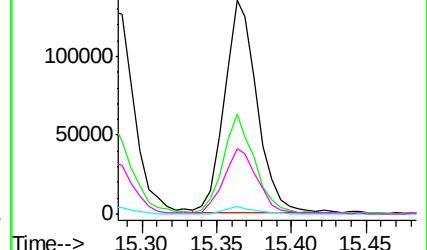
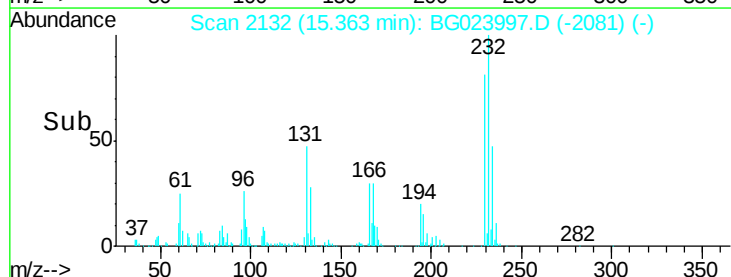


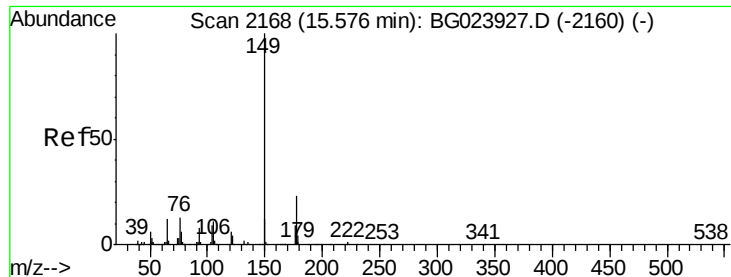
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.71 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

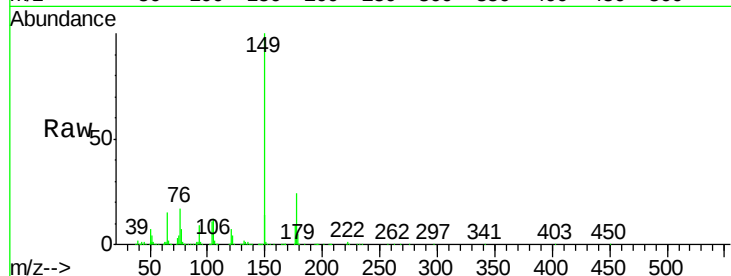
Tot Ion:149 Resp: 738911

Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

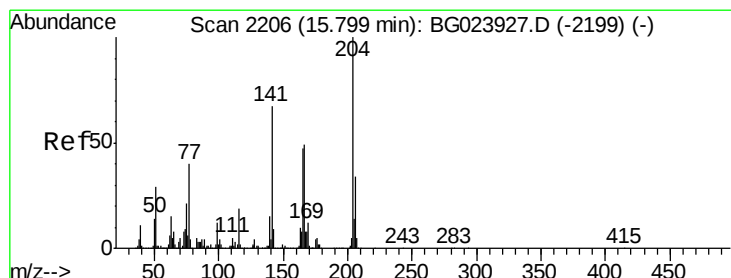
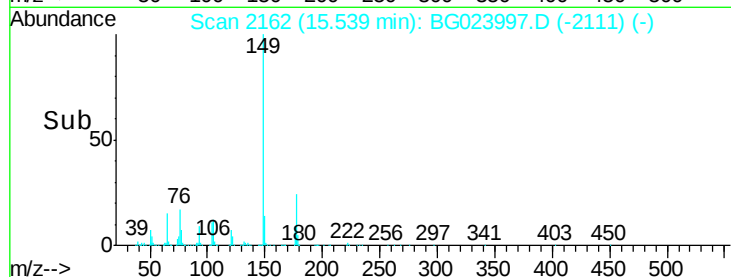
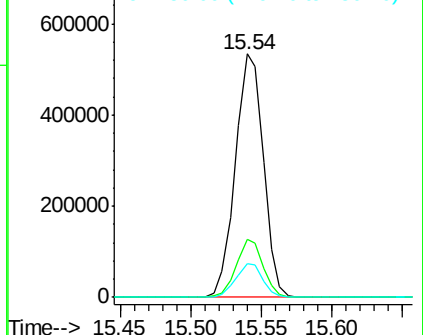
150 14.0 10.6 16.0



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: 39.27 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

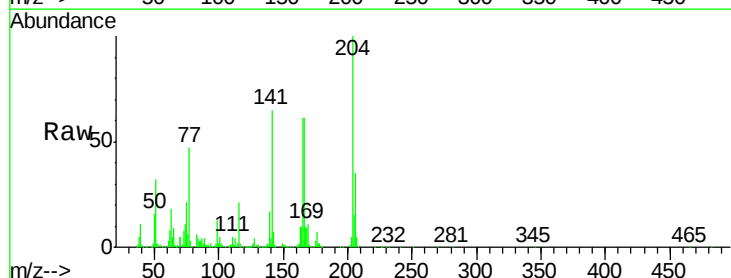
Tgt Ion:204 Resp: 363028

Ion Ratio Lower Upper

204 100

206 34.9 28.5 42.7

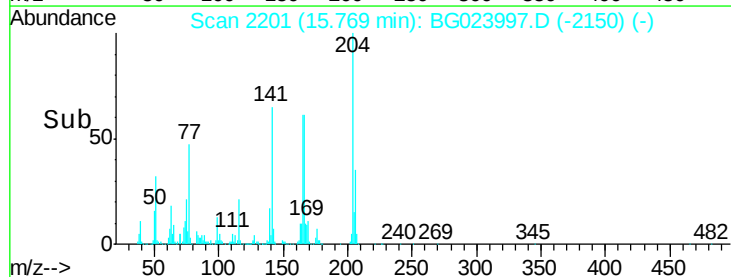
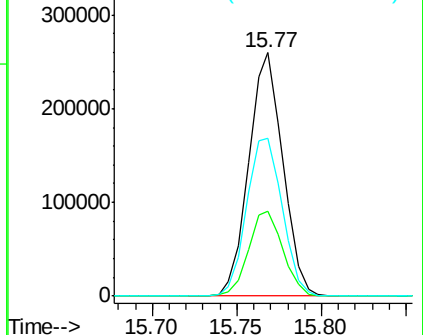
141 64.9 51.4 77.0

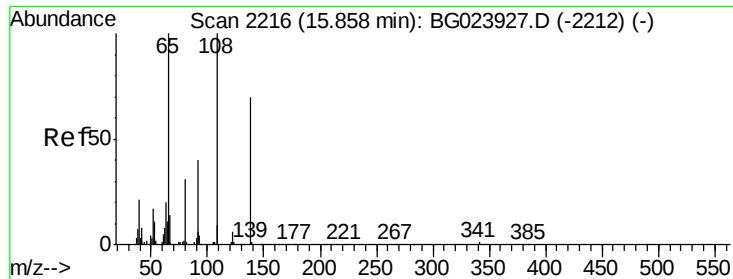


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

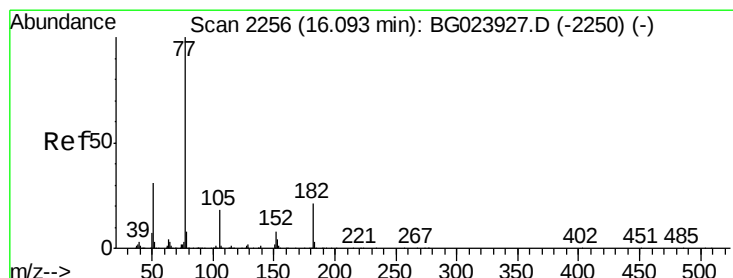
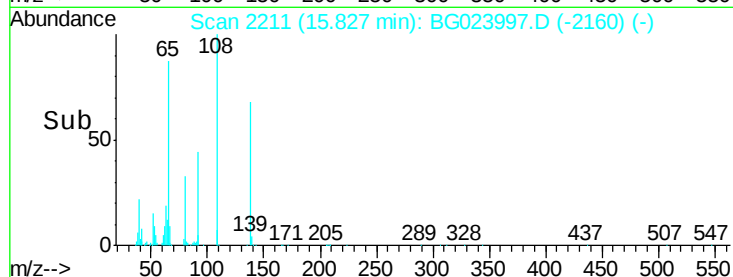
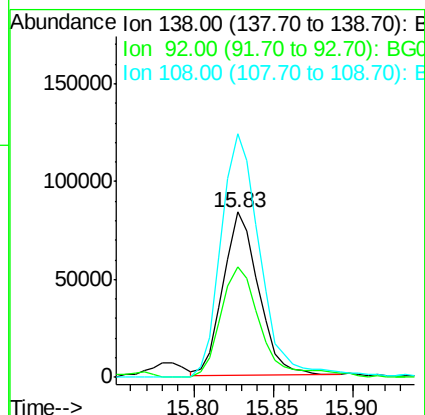
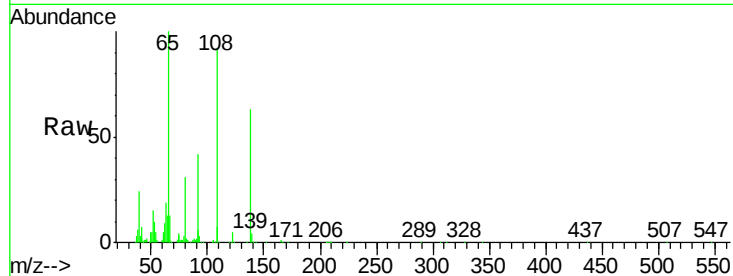




#61
4-Nitroaniline
Concen: 36.34 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

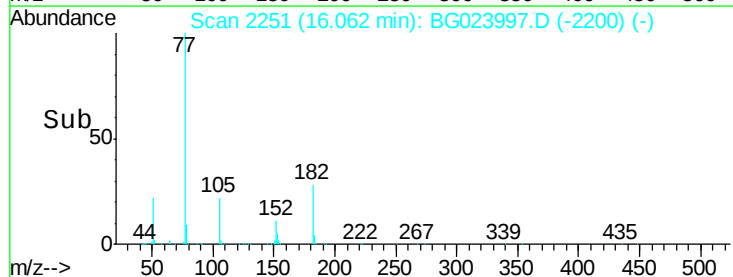
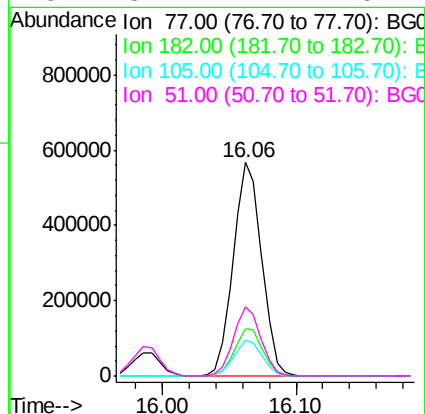
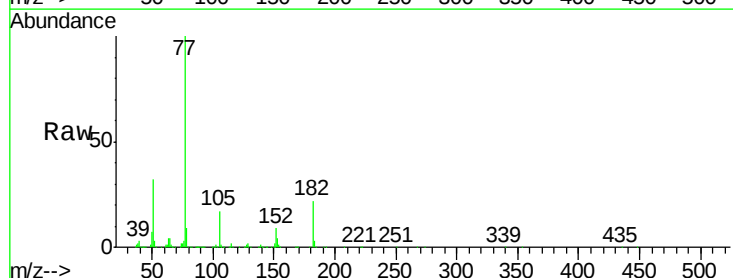
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

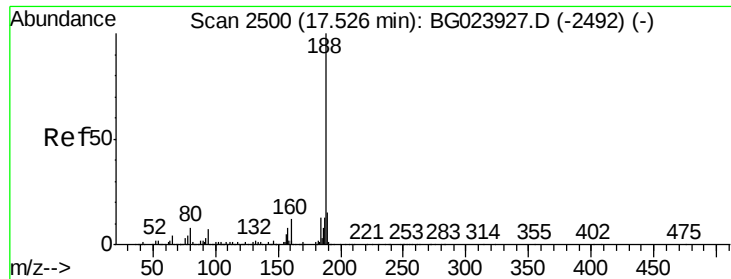
Tot Ion:138 Resp: 129712
Ion Ratio Lower Upper
138 100
92 66.8 54.1 94.1
108 147.4 133.9 173.9



#62
Azobenzene
Concen: 45.29 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion: 77 Resp: 837399
Ion Ratio Lower Upper
77 100
182 22.0 3.5 43.5
105 16.9 0.0 38.5
51 32.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

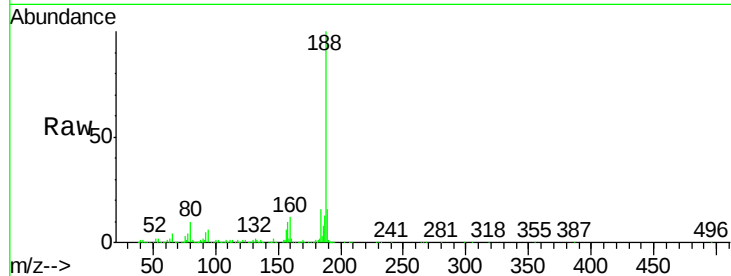
Tot Ion:188 Resp: 485411

Ion Ratio Lower Upper

188 100

94 5.8 5.2 7.8

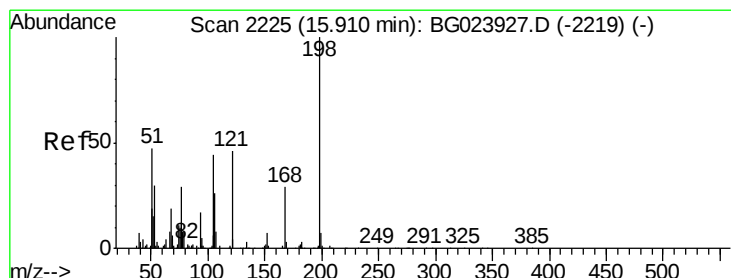
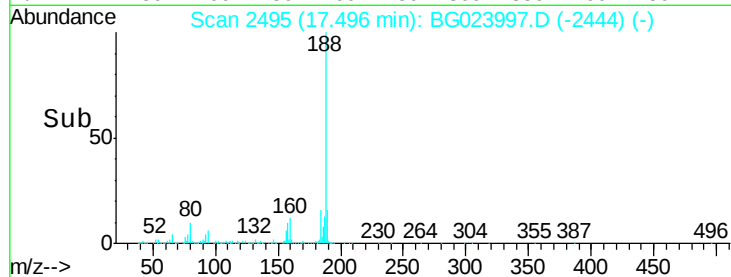
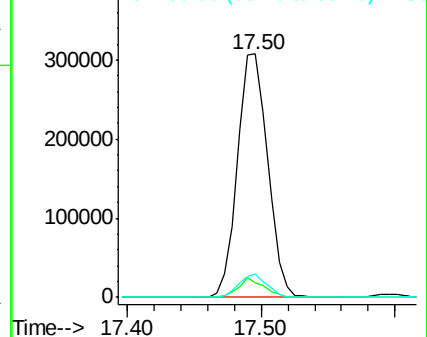
80 9.8 7.2 10.8



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: 42.75 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

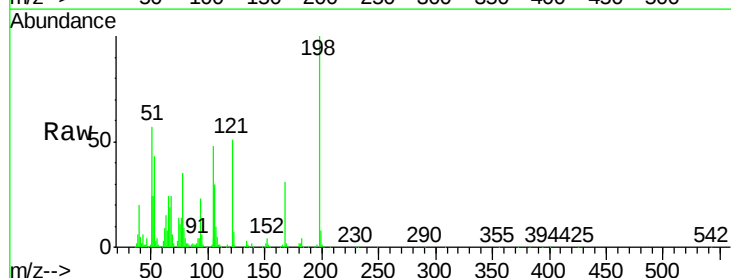
Tgt Ion:198 Resp: 144073

Ion Ratio Lower Upper

198 100

51 57.0 26.0 66.0

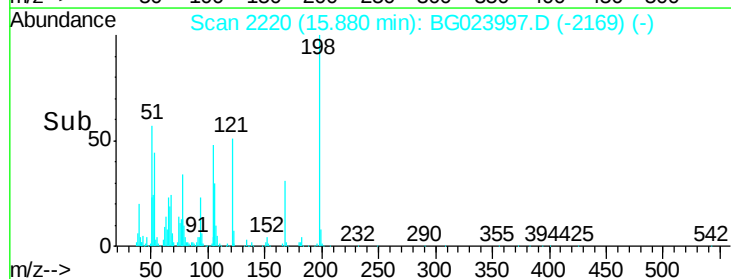
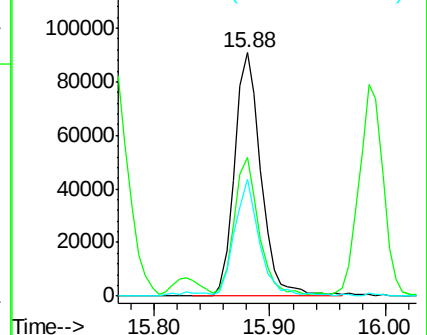
105 47.9 20.1 60.1



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

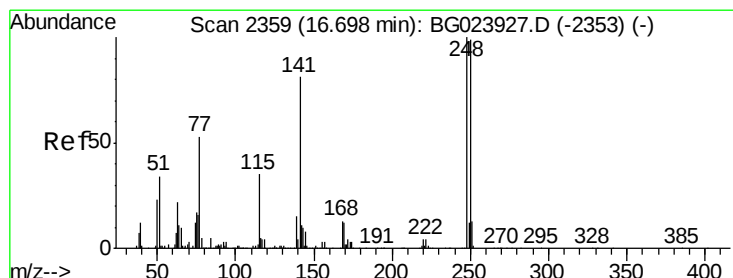
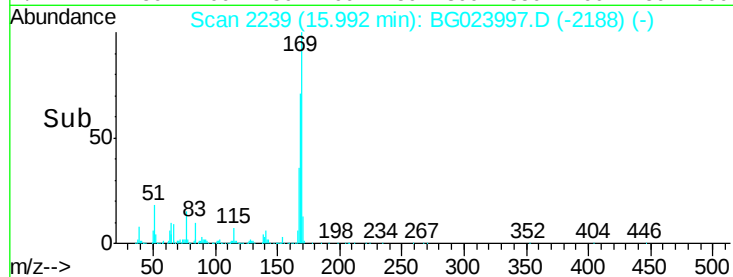
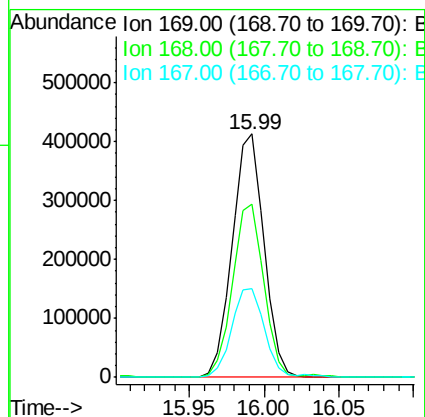
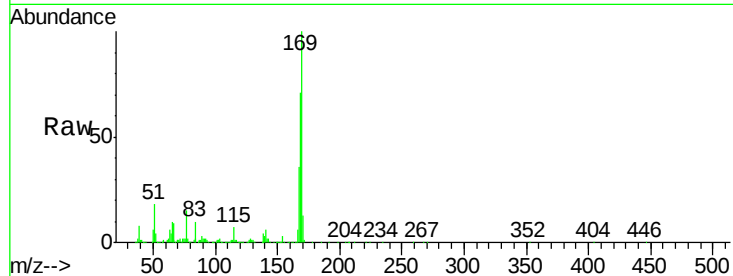




#65
 n-Nitrosodiphenylamine
 Concen: 44.54 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

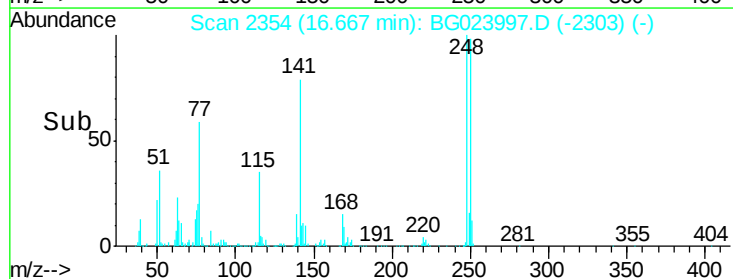
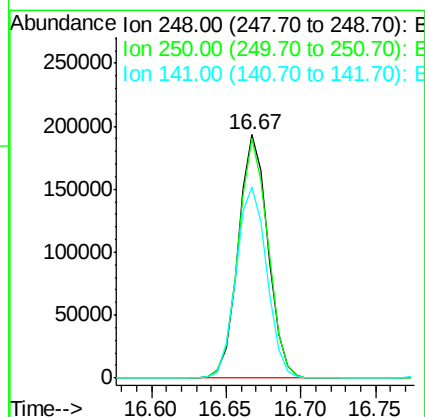
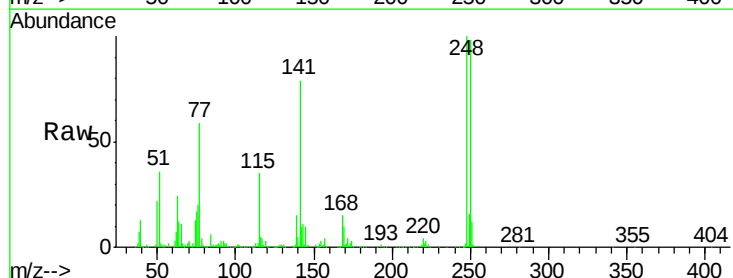
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Tot Ion:169 Resp: 614074
 Ion Ratio Lower Upper
 169 100
 168 71.3 55.0 82.4
 167 36.2 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 45.07 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion:248 Resp: 266181
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.8 116.8
 141 78.7 65.7 98.5





#67

Hexachlorobenzene

Concen: 40.80 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

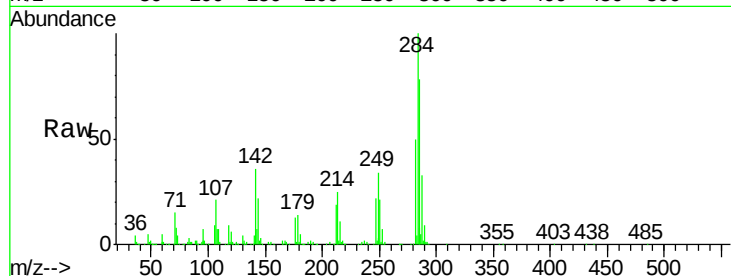
Tot Ion:284 Resp: 282619

Ion Ratio Lower Upper

284 100

142 36.1 26.8 40.2

249 34.2 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

250000

200000

150000

100000

50000

0

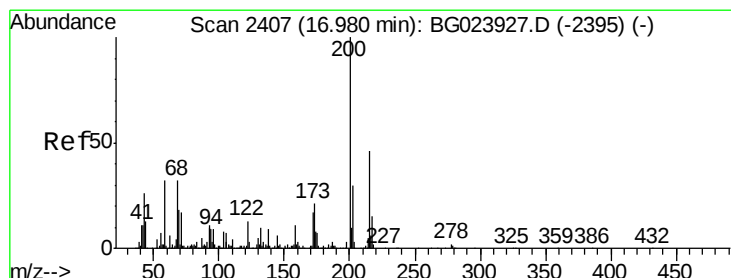
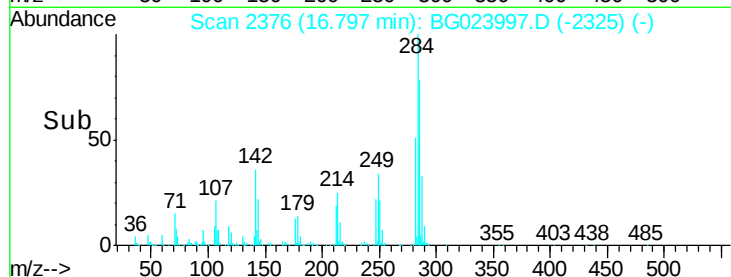
16.80

16.75

16.80

16.85

Time-->



#68

Atrazine

Concen: 44.04 ng

RT: 16.94 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

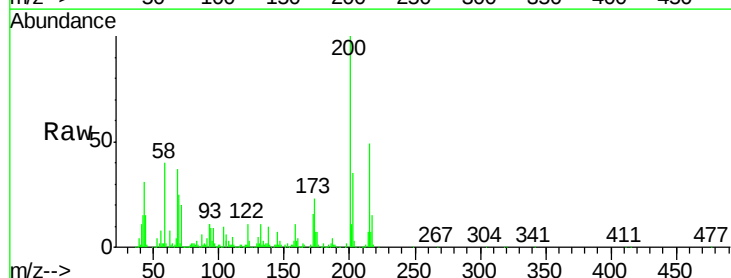
Tgt Ion:200 Resp: 261230

Ion Ratio Lower Upper

200 100

173 23.0 1.6 41.6

215 49.2 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

250000

200000

150000

100000

50000

0

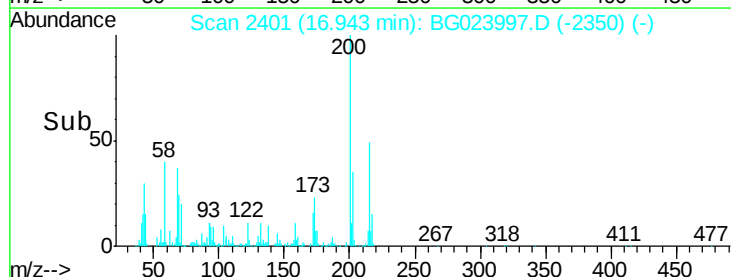
16.94

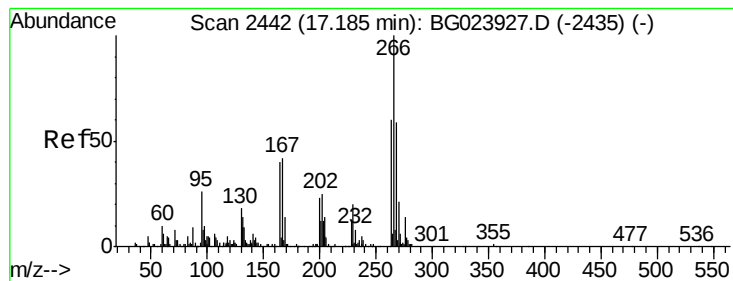
16.90

16.95

17.00

Time-->





#69

Pentachlorophenol

Concen: 82.00 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

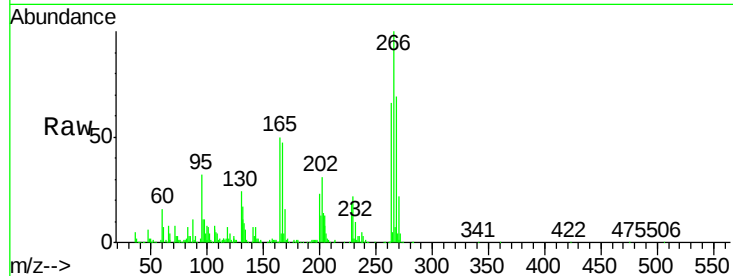
Tot Ion:266 Resp: 301654

Ion Ratio Lower Upper

266 100

268 69.2 51.9 77.9

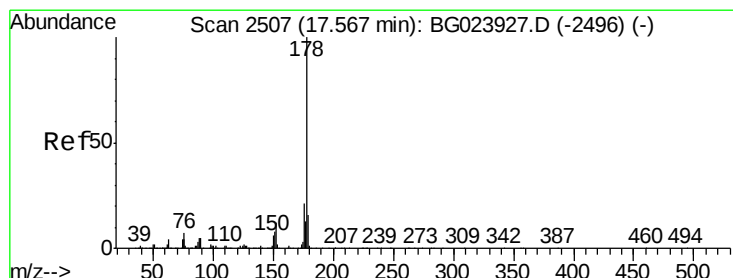
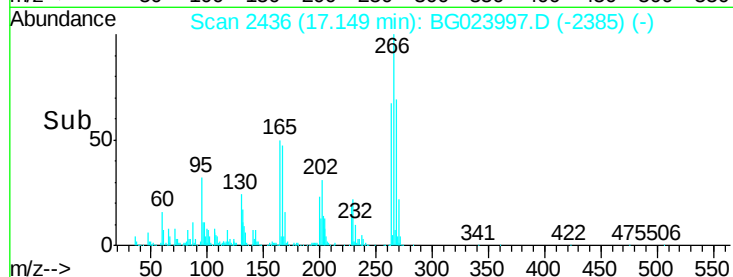
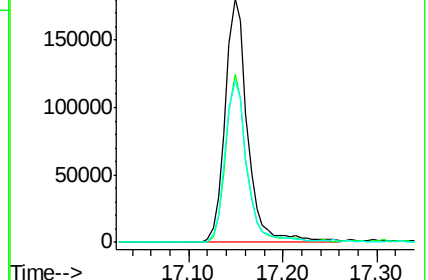
264 66.5 50.6 75.8



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: 44.94 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

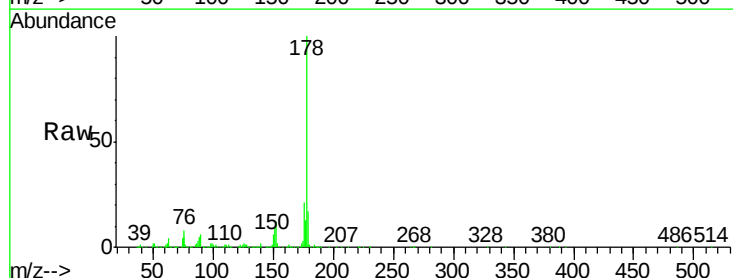
Tgt Ion:178 Resp: 1134922

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

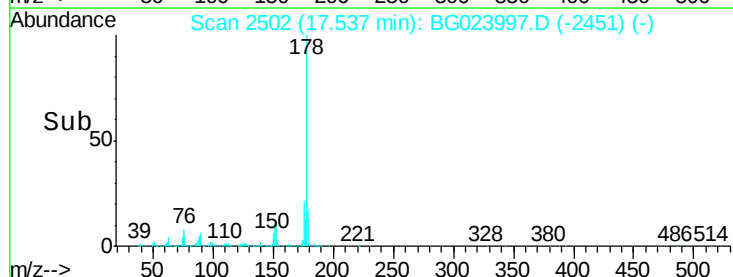
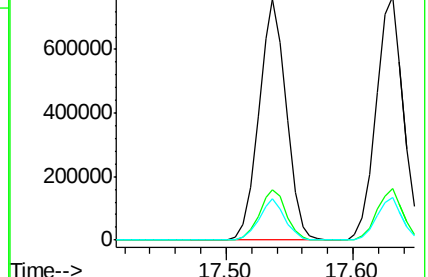
179 17.2 14.3 21.5

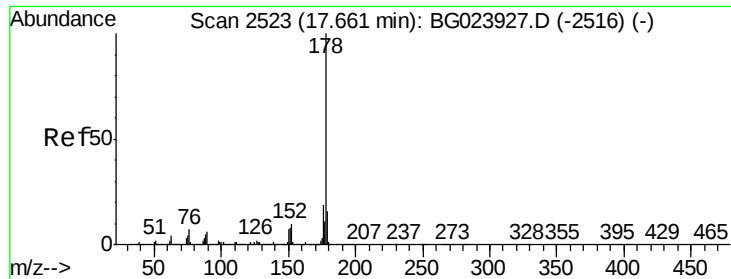


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



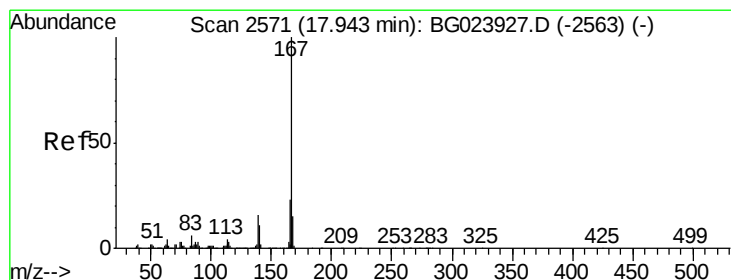
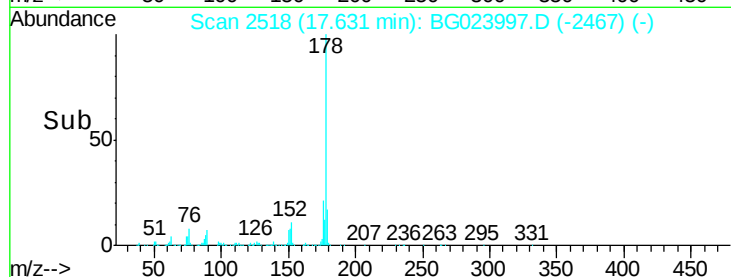
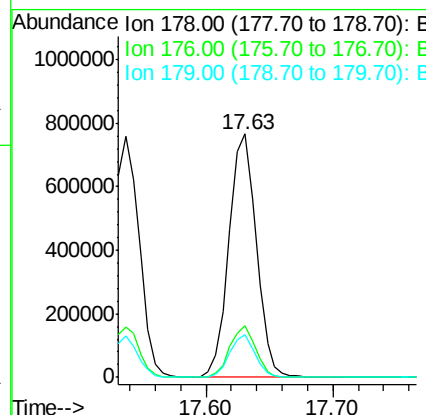
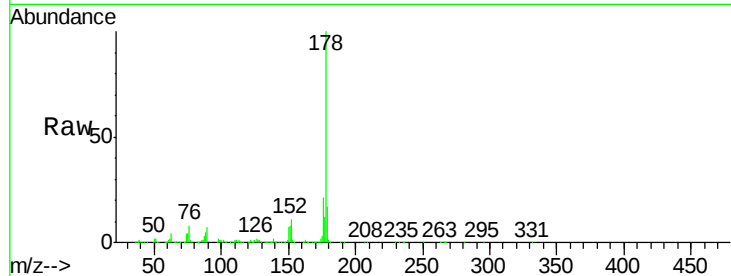


#71
 Anthracene
 Concen: 44.45 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Tot Ion:178 Resp: 1145036

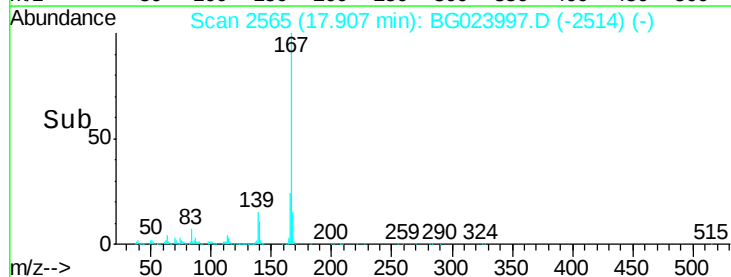
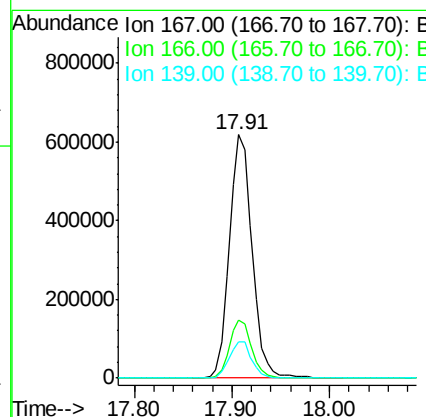
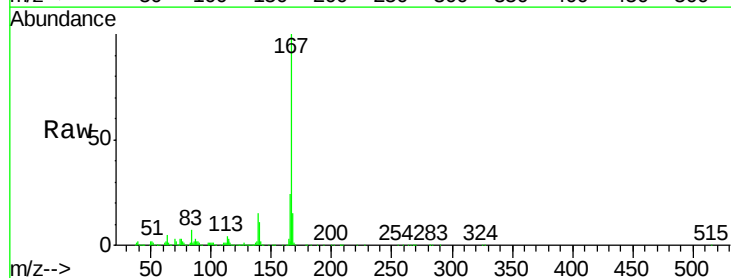
Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.3	25.9
179	17.3	14.0	21.0

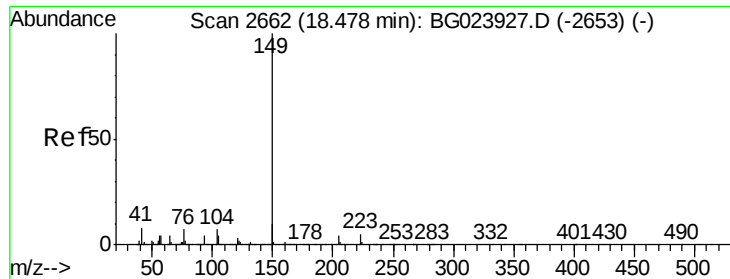


#72
 Carbazole
 Concen: 42.59 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion:167 Resp: 995523

Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.7	31.1
139	14.8	11.9	17.9

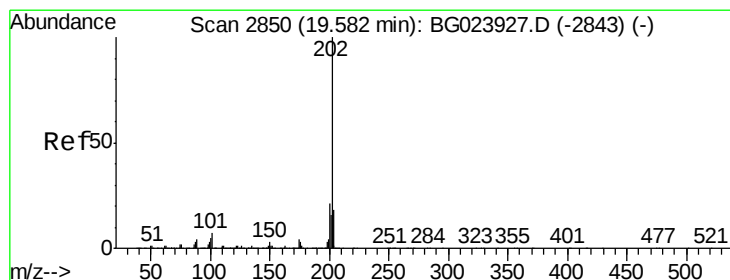
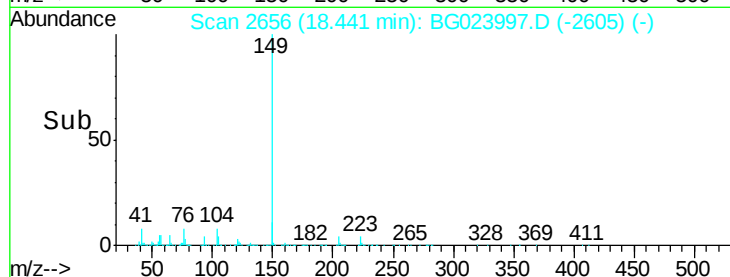
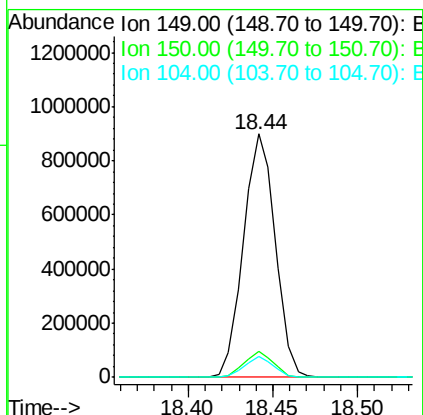
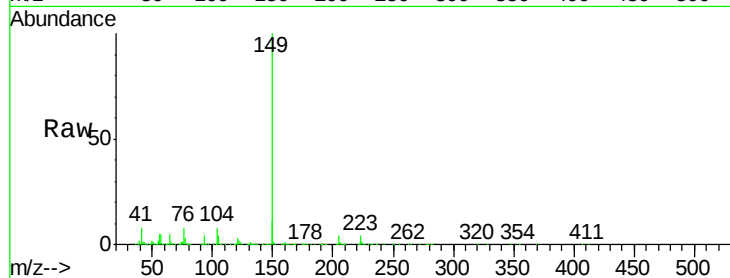




#73
Di-n-butylphthalate
Concen: 42.30 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

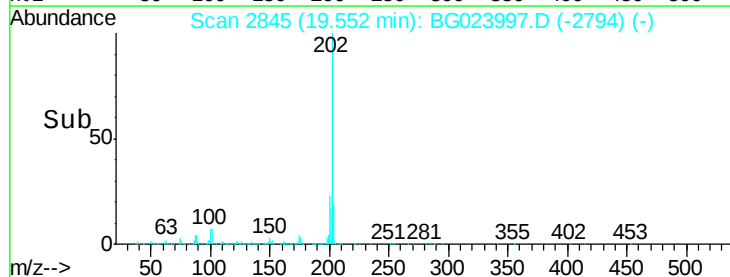
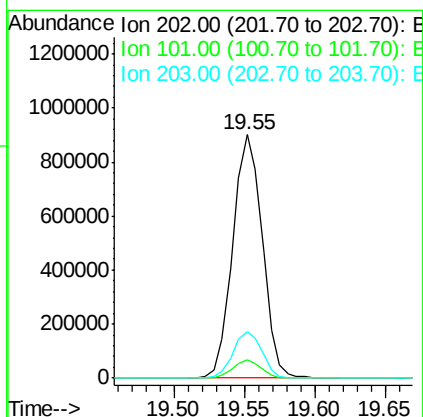
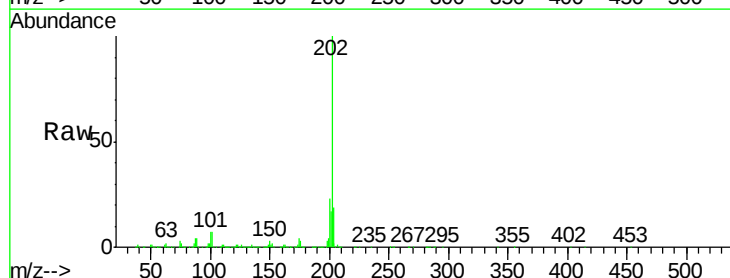
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

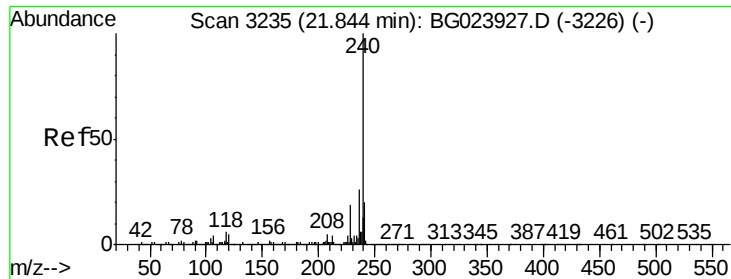
Tot Ion:149 Resp: 1179635
Ion Ratio Lower Upper
149 100
150 10.8 9.1 13.7
104 8.4 6.9 10.3



#74
Fluoranthene
Concen: 43.15 ng
RT: 19.55 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion:202 Resp: 1311814
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.4
203 19.0 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

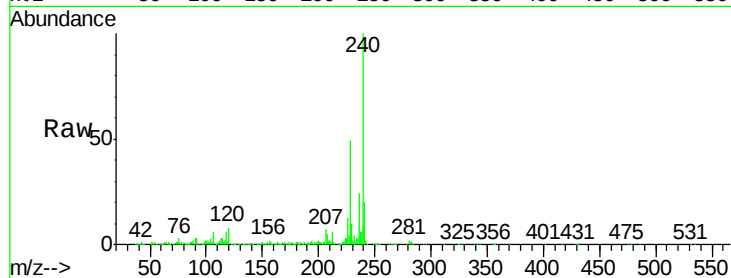
Tot Ion:240 Resp: 494072

Ion Ratio Lower Upper

240 100

120 7.6 4.1 6.1#

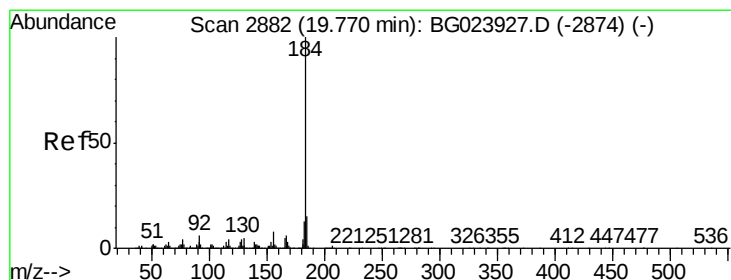
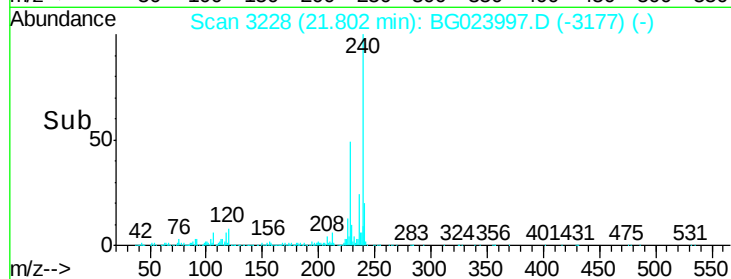
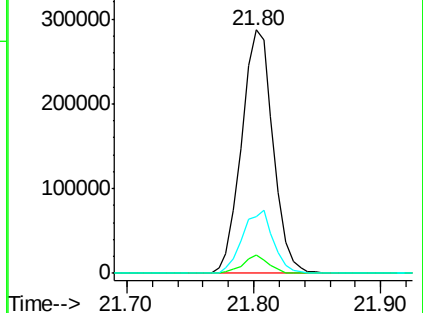
236 23.5 21.1 31.7



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: 30.78 ng

RT: 19.74 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

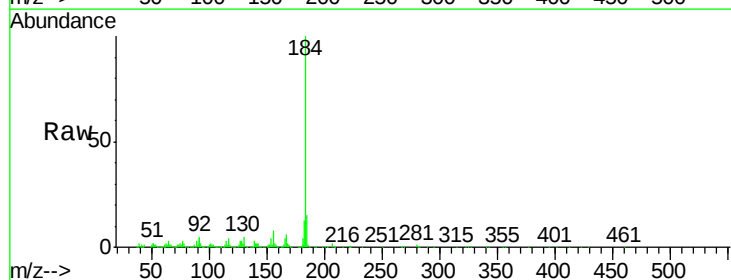
Tgt Ion:184 Resp: 470933

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

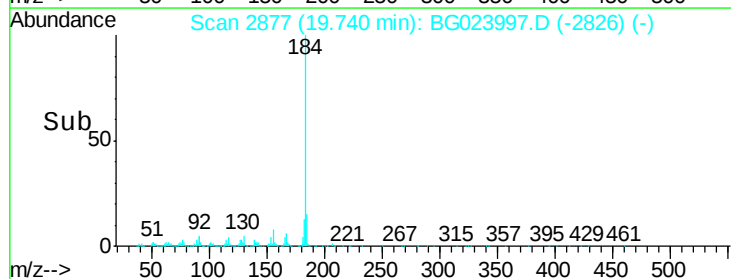
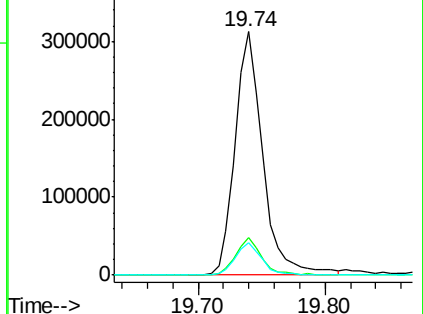
183 13.1 10.7 16.1

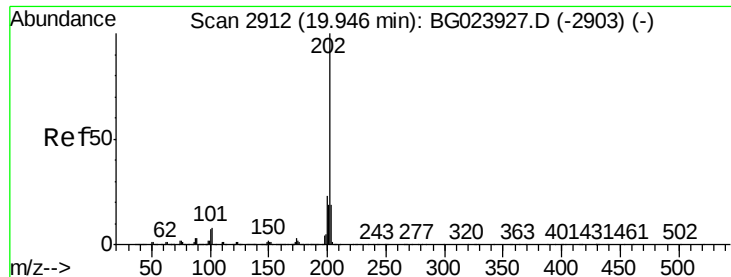


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.69 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

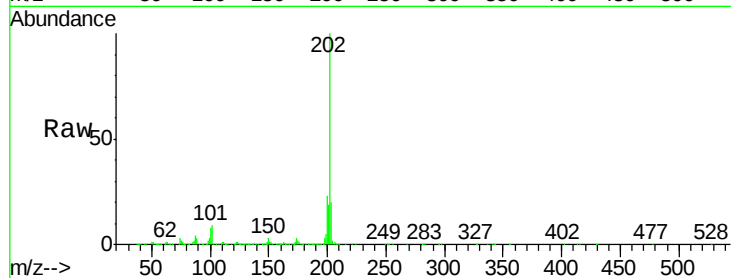
Tot Ion:202 Resp: 1297345

Ion	Ratio	Lower	Upper
202	100		
200	23.4	21.2	31.8
203	19.6	16.8	25.2

202 100

200 23.4 21.2 31.8

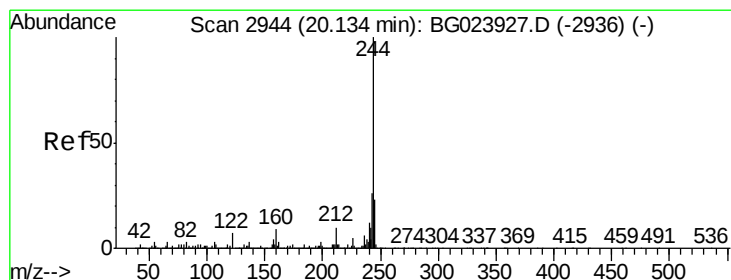
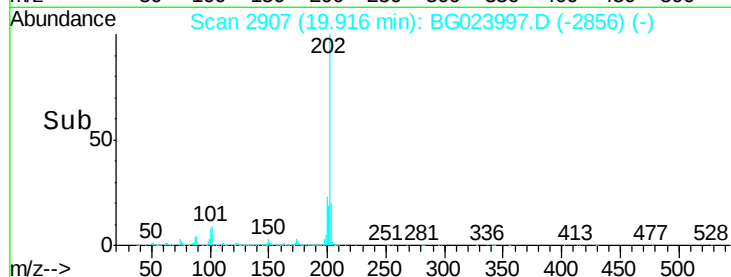
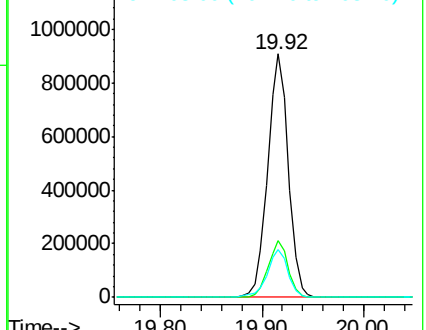
203 19.6 16.8 25.2



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: 80.17 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

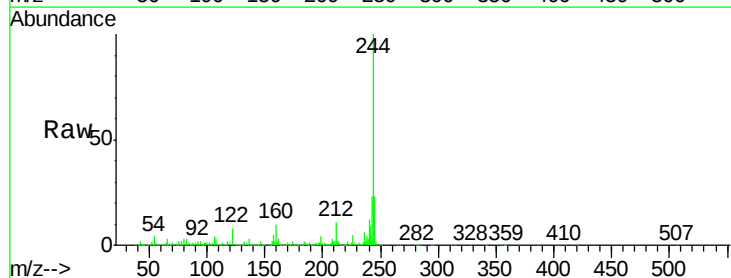
Tgt Ion:244 Resp: 1739286

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2#
122	8.1	8.0	12.0

244 100

212 10.8 10.8 16.2#

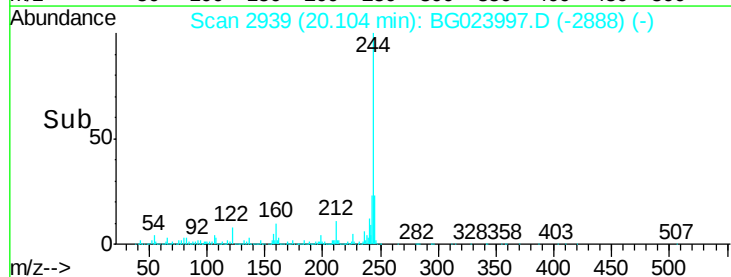
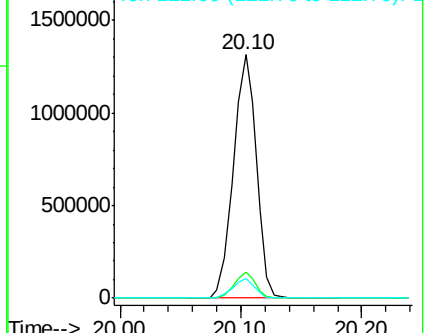
122 8.1 8.0 12.0

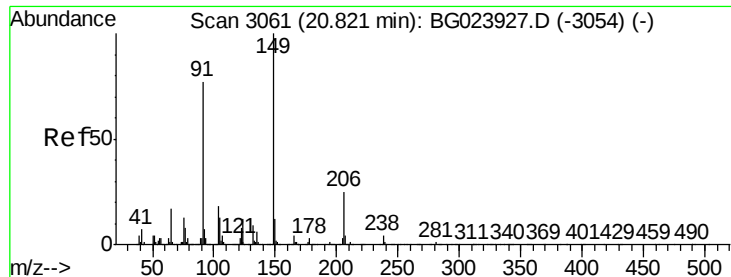


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

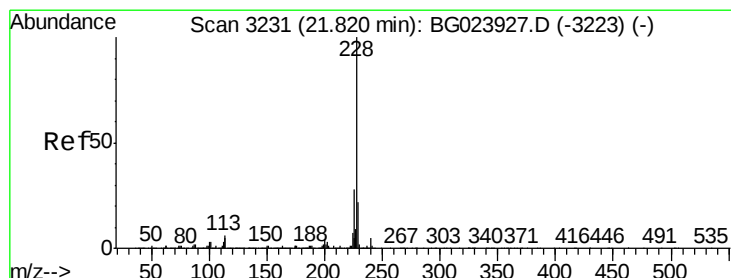
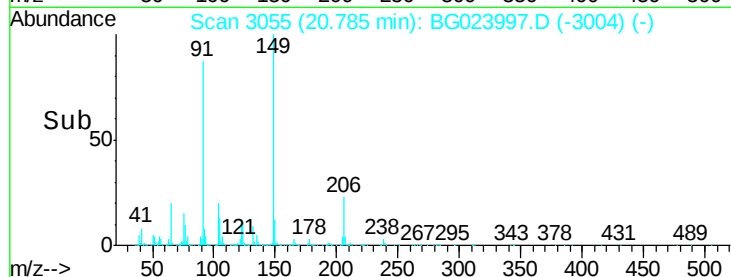
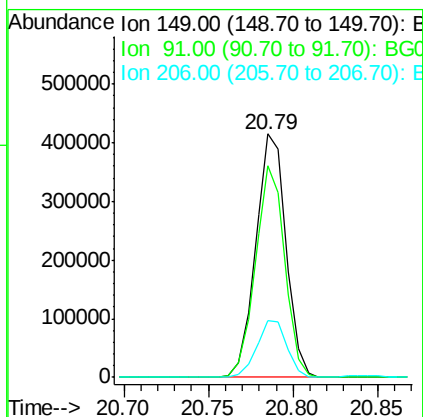
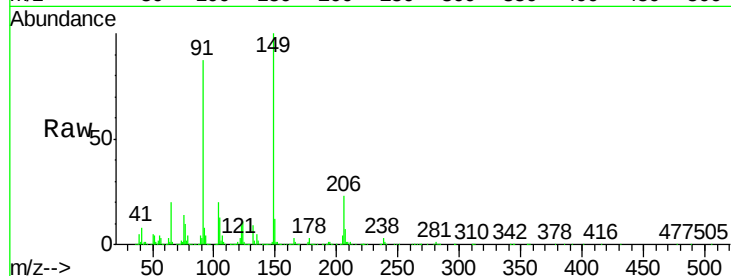




#79
Butylbenzylphthalate
Concen: 43.83 ng
RT: 20.79 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

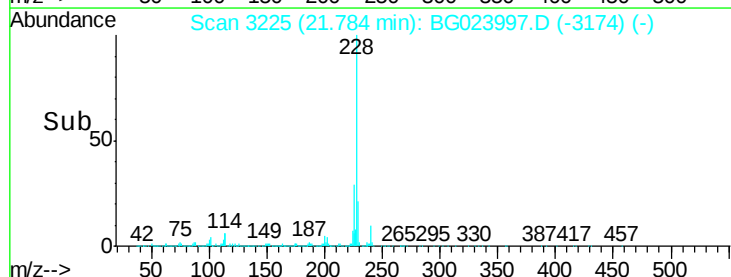
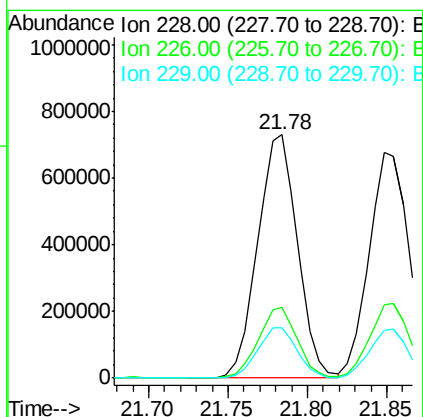
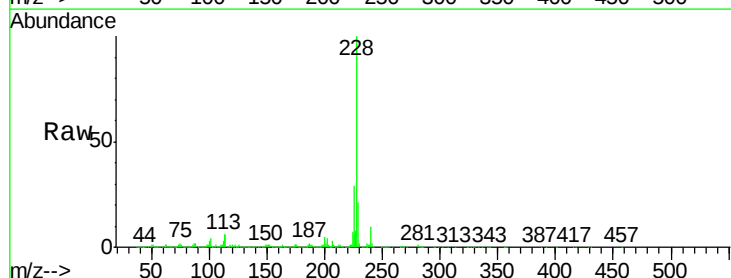
Instrument :
BNA_G
ClientSampleID :
PB93407BSD

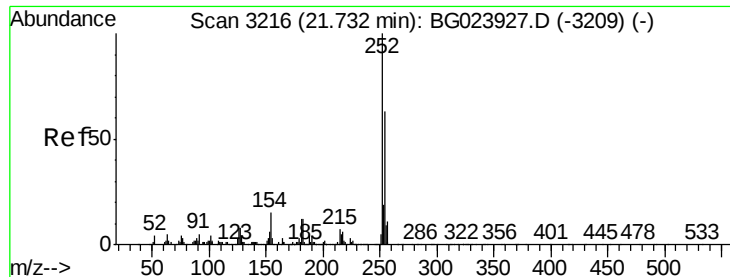
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.0	68.1	102.1
206	23.3	19.8	29.6



#80
Benzo(a)anthracene
Concen: 46.02 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	20.5	19.9	29.9

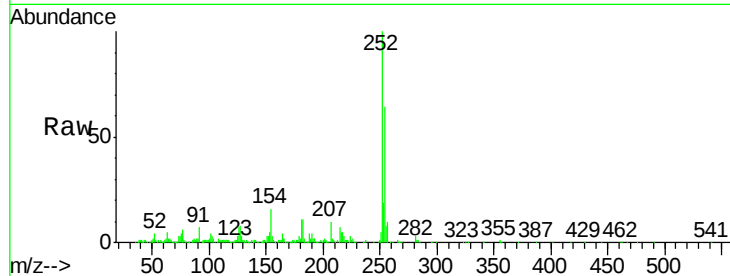




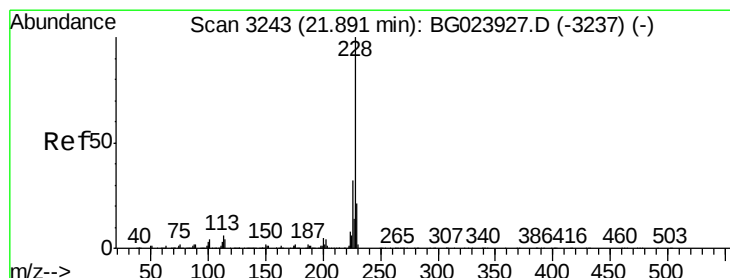
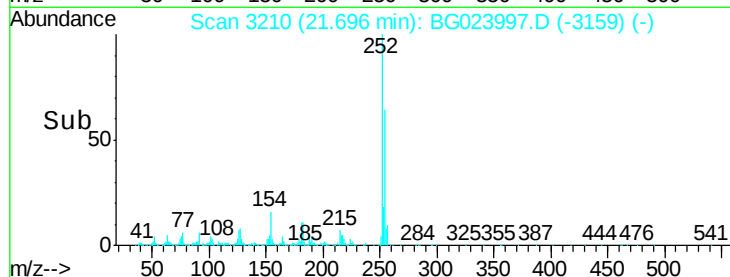
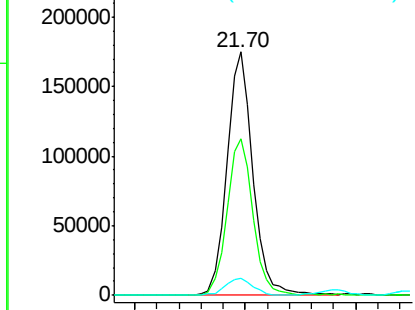
#81
 3,3'-Dichlorobenzidine
 Concen: 25.99 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	7.0	5.3	7.9

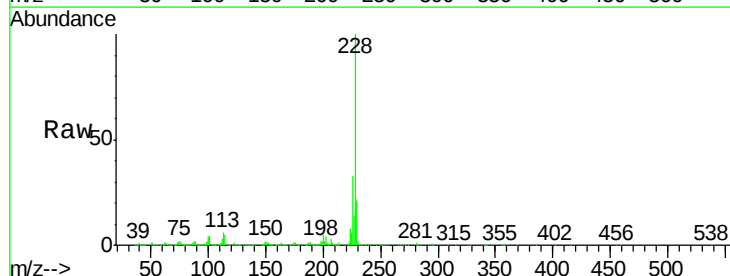


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

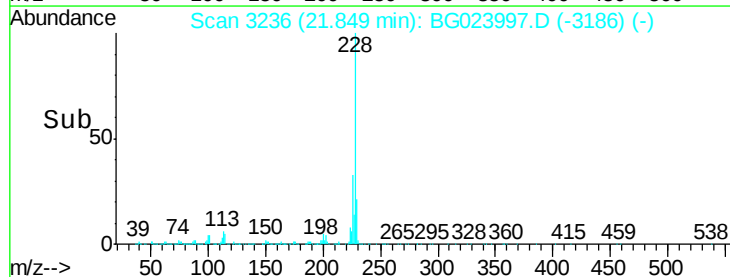
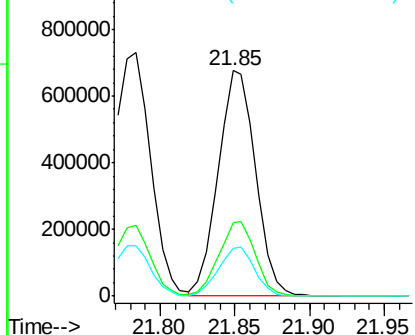


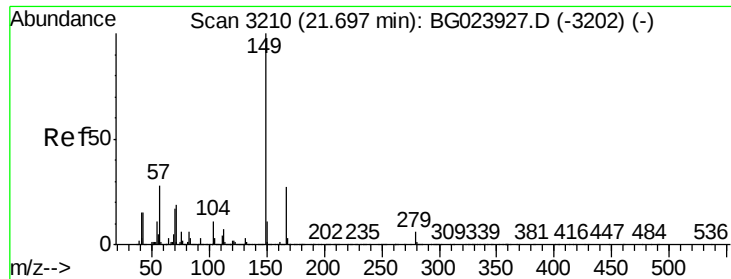
#82
 Chrysene
 Concen: 44.87 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.7	40.1
229	21.2	17.4	26.2



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

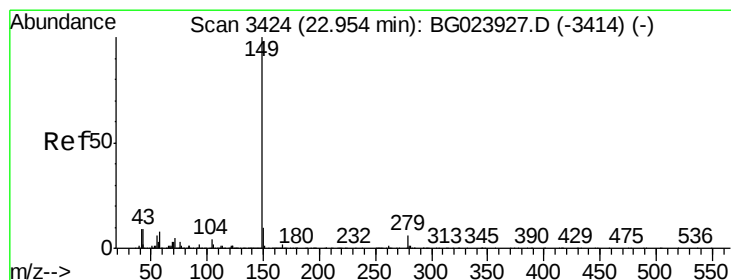
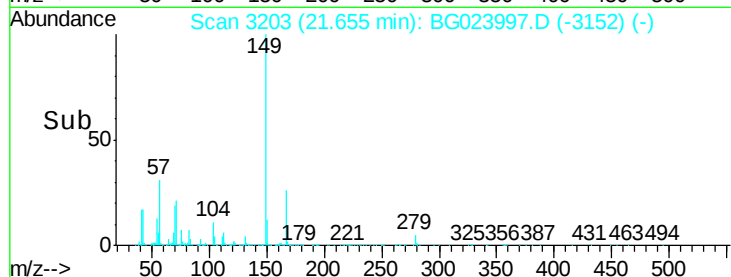
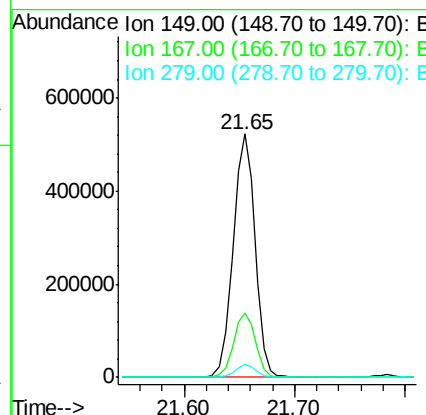
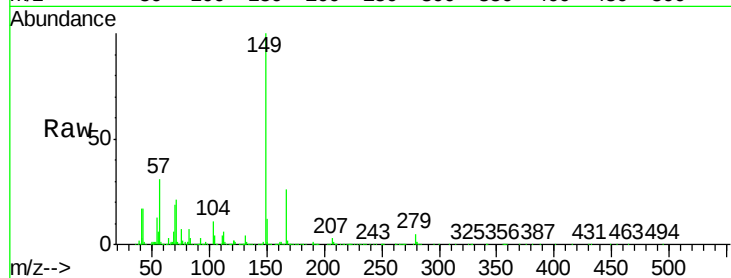




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.07 ng
 RT: 21.65 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

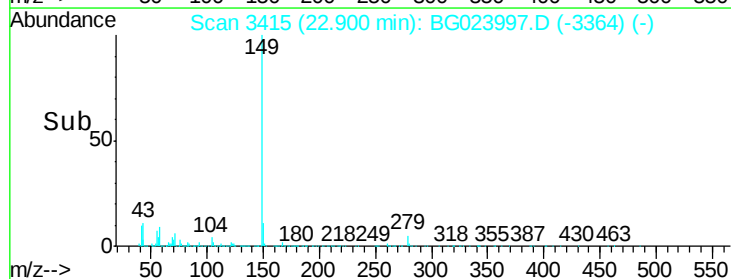
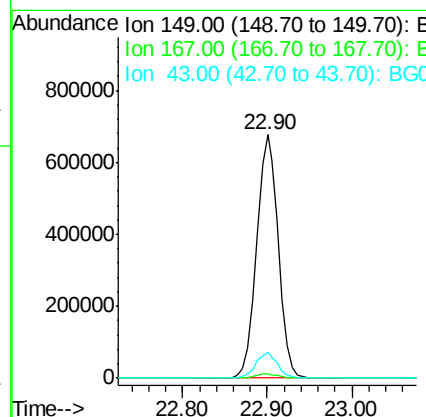
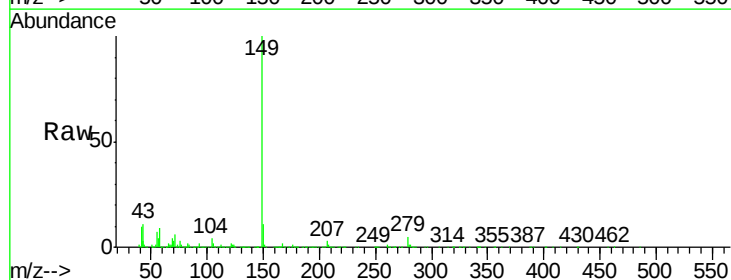
Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

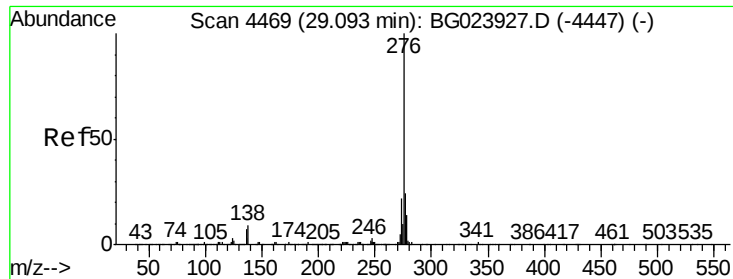
Tot Ion:149 Resp: 722794
 Ion Ratio Lower Upper
 149 100
 167 26.4 24.0 36.0
 279 5.2 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 45.92 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.00 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Tgt Ion:149 Resp: 1207858
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.4 8.8 13.2

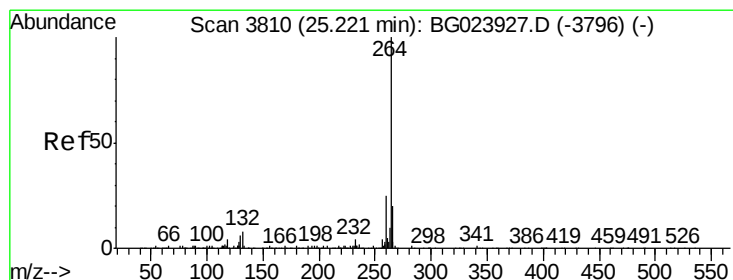
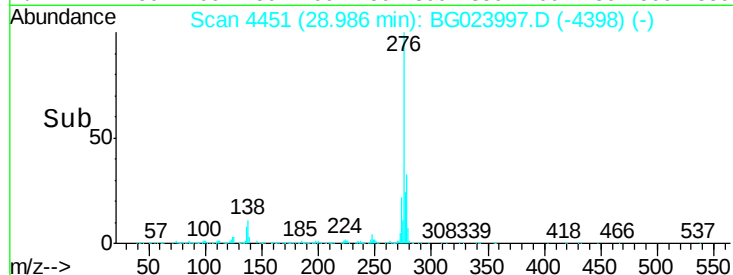
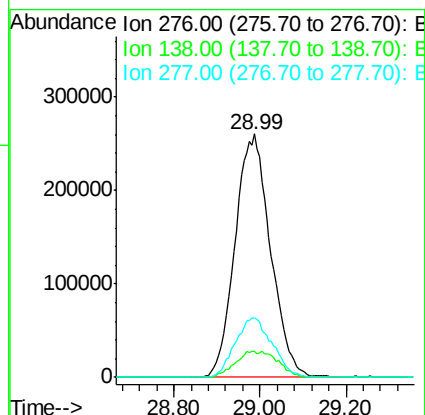
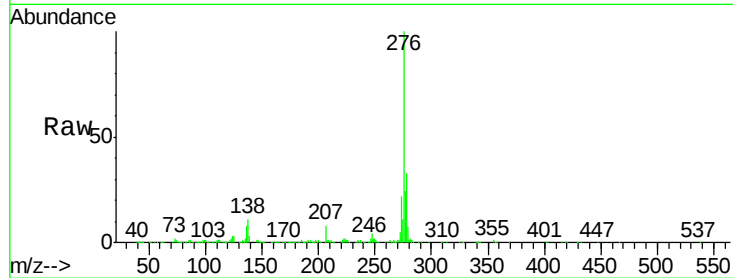




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.30 ng
RT: 28.99 min Scan# 4451
Delta R.T. 0.01 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

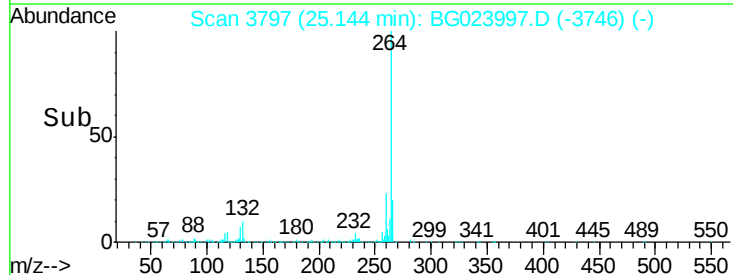
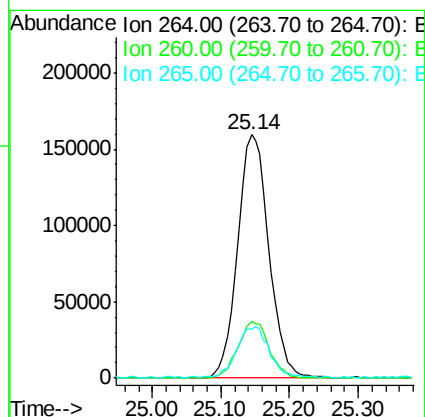
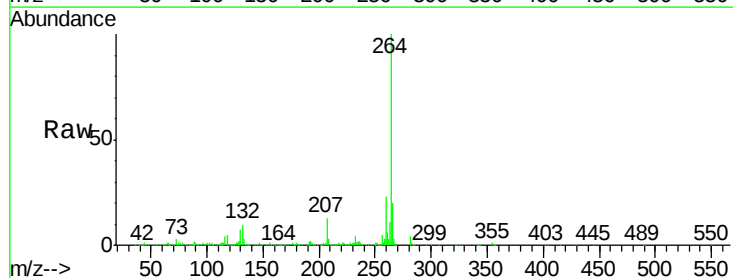
Instrument :
BNA_G
ClientSampleId :
PB93407BSD

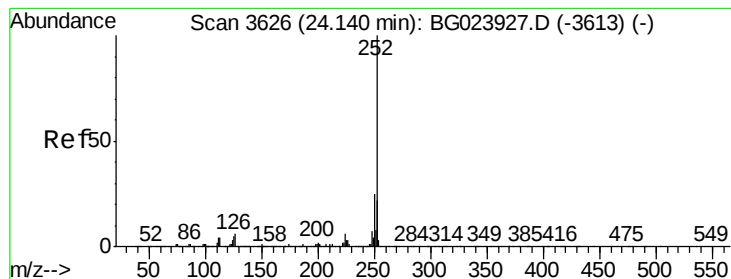
Tot Ion:276 Resp: 1495273
Ion Ratio Lower Upper
276 100
138 6.5 0.0 0.0#
277 25.6 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BG023997.D
Acq: 16 Sep 2016 17:26

Tgt Ion:264 Resp: 503379
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 20.2 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.40 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

BNA_G

ClientSampleId :

PB93407BSD

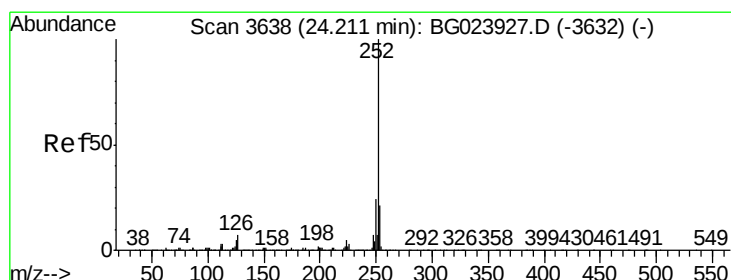
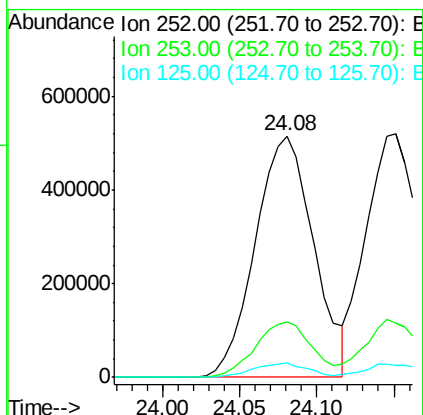
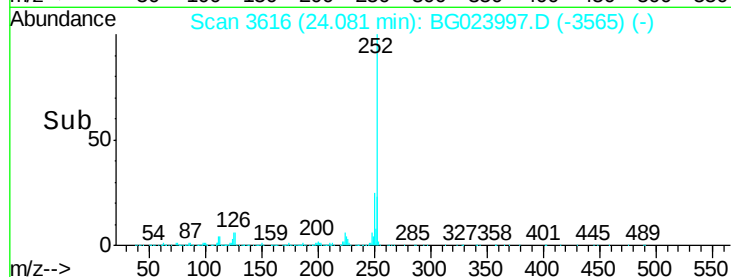
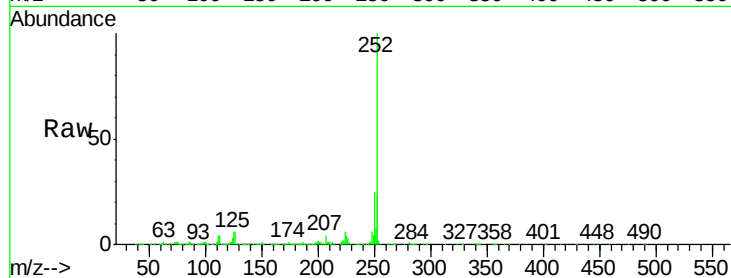
Tot Ion:252 Resp: 1355506

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

125 6.1 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 44.19 ng

RT: 24.15 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

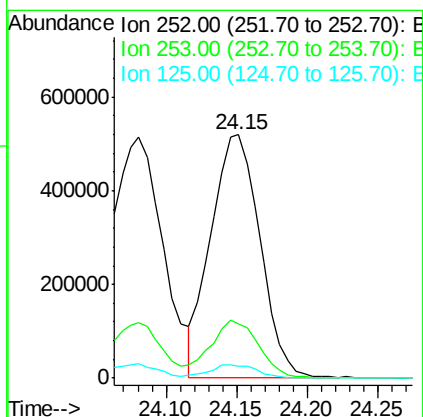
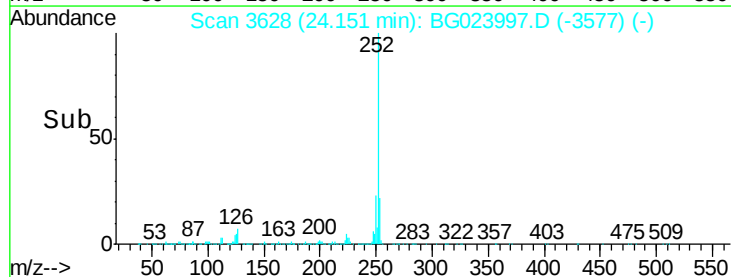
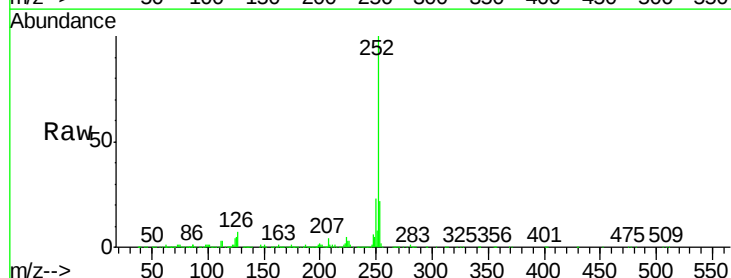
Tgt Ion:252 Resp: 1252833

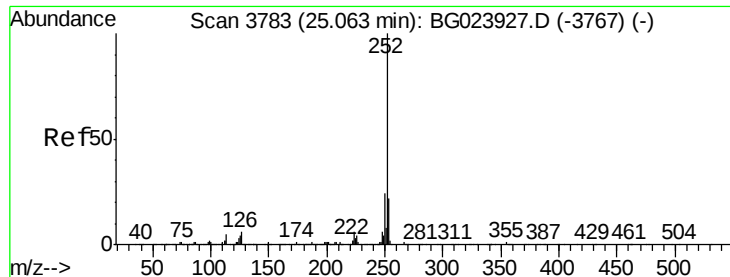
Ion Ratio Lower Upper

252 100

253 22.3 18.8 28.2

125 5.1 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 47.05 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Instrument :

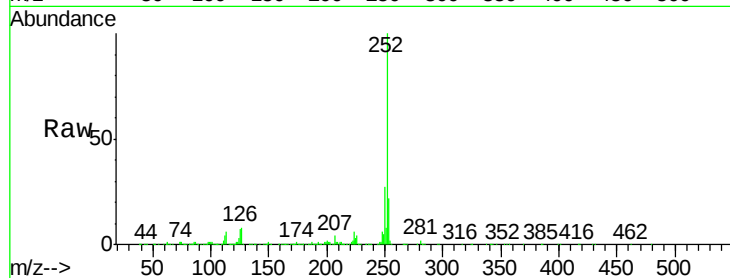
BNA_G

ClientSampled :

PB93407BSD

Tot Ion:252 Resp: 1277566

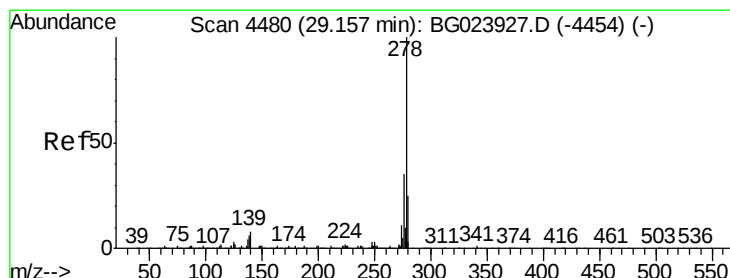
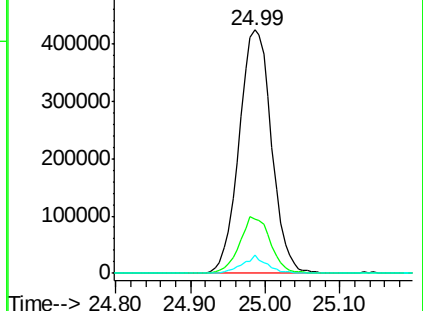
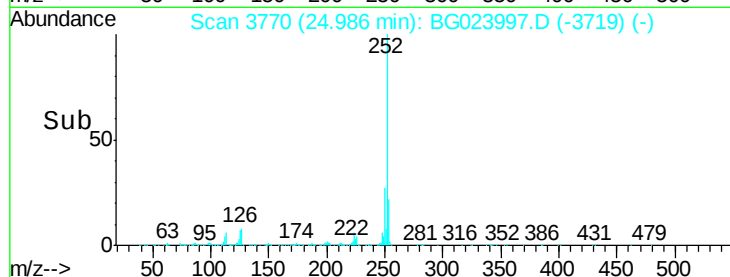
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	7.3	3.9	5.9



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: 45.84 ng

RT: 29.03 min Scan# 4459

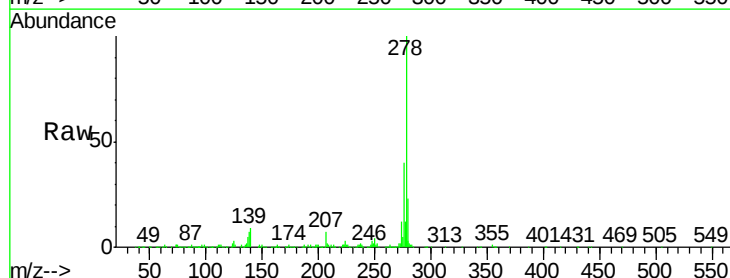
Delta R.T. -0.00 min

Lab File: BG023997.D

Acq: 16 Sep 2016 17:26

Tgt Ion:278 Resp: 1224260

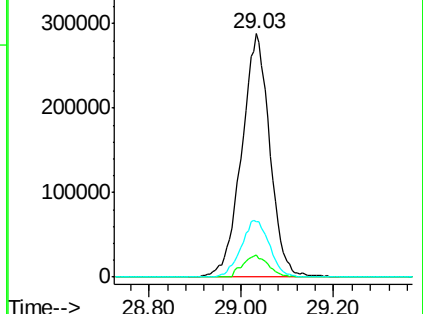
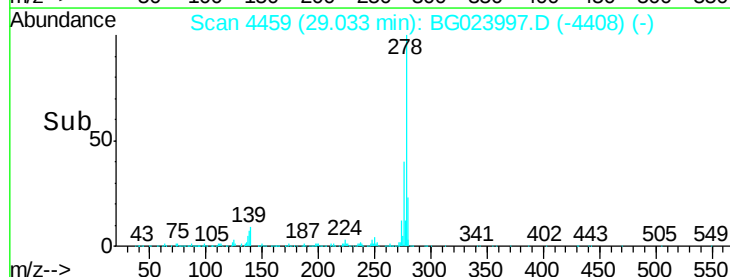
Ion	Ratio	Lower	Upper
278	100		
139	8.9	4.7	7.1
279	22.9	18.3	27.5

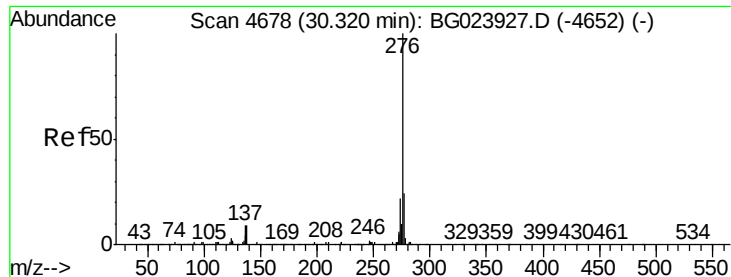


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.17 ng
 RT: 30.18 min Scan# 4654
 Delta R.T. -0.01 min
 Lab File: BG023997.D
 Acq: 16 Sep 2016 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BSD

Tot Ion:276 Resp: 1237083

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	10.4	6.8	10.2#

