

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023083.D
 Acq On : 14 Jul 2016 1:12
 Operator : UM/SJ
 Sample : PB92058BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Quant Time: Jul 14 04:41:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	92047	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	426712	20.00	ng	0.01
38) Acenaphthene-d10	14.81	164	334179	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	833332	20.00	ng	0.00
75) Chrysene-d12	21.87	240	879195	20.00	ng	0.02
86) Perylene-d12	25.24	264	862766	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	875154	155.50	ng	0.00
7) Phenol-d6	7.32	99	1347501	152.87	ng	0.01
23) Nitrobenzene-d5	9.33	82	963435	96.68	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	750003	124.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1953952	92.10	ng	0.00
78) Terphenyl-d14	20.16	244	2848661	121.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	106200	48.55	ng	93
3) Pyridine	3.97	79	275909	36.86	ng	91
4) n-Nitrosodimethylamine	3.88	42	145816	45.40	ng	# 95
6) Aniline	7.48	93	286799	23.48	ng	99
8) 2-Chlorophenol	7.72	128	313580	52.36	ng	98
9) Benzaldehyde	7.28	77	152184	25.84	ng	93
10) Phenol	7.34	94	489130	53.93	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	325188	45.24	ng	95
12) 1,3-Dichlorobenzene	8.04	146	314970	42.96	ng	97
13) 1,4-Dichlorobenzene	8.19	146	322389	43.93	ng	96
14) 1,2-Dichlorobenzene	8.52	146	314757	43.14	ng	92
15) Benzyl Alcohol	8.40	79	417969	51.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	409825	46.67	ng	96
17) 2-Methylphenol	8.60	107	308464	52.25	ng	94
18) Hexachloroethane	9.25	117	131755	42.53	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	346811	43.64	ng	96
20) 3+4-Methylphenols	8.93	107	432602	52.54	ng	97
22) Acetophenone	8.99	105	549611	42.92	ng	# 93
24) Nitrobenzene	9.37	77	501956	47.40	ng	96
25) Isophorone	9.89	82	890377	44.42	ng	97
26) 2-Nitrophenol	10.09	139	194514	46.81	ng	92
27) 2,4-Dimethylphenol	10.14	122	353981	49.28	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	509787	45.61	ng	99
29) 2,4-Dichlorophenol	10.63	162	378511	49.41	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	381561	43.47	ng	96
31) Naphthalene	11.04	128	960834	44.23	ng	99
32) Benzoic acid	10.28	122	253629	38.81	ng	97
33) 4-Chloroaniline	11.14	127	128949	12.14	ng	89
34) Hexachlorobutadiene	11.31	225	286976	40.33	ng	96
35) Caprolactam	11.92	113	136851m	43.42	ng	
36) 4-Chloro-3-methylphenol	12.26	107	491737	46.93	ng	99
37) 2-Methylnaphthalene	12.63	142	786187	45.79	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	514479	35.72	ng	100
40) Hexachlorocyclopentadiene	12.98	237	692099	83.48	ng	96

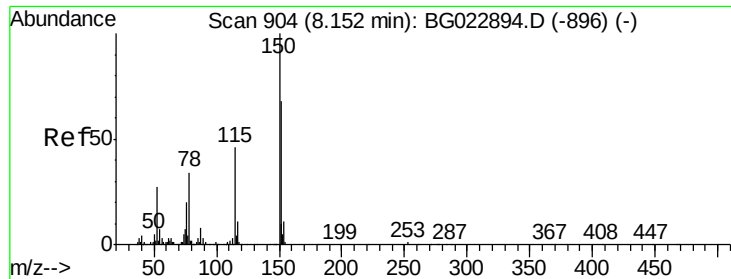
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	374395	45.23	nq	95
43) 2,4,5-Trichlorophenol	13.32	196	401152	47.19	nq	93
45) 1,1'-Biphenyl	13.64	154	1114076	44.43	nq	96
46) 2-Chloronaphthalene	13.69	162	924398	45.45	nq	95
47) 2-Nitroaniline	13.89	65	399865	46.07	nq	93
48) Acenaphthylene	14.53	152	1387631	45.48	nq	100
49) Dimethylphthalate	14.26	163	1244869	45.60	nq	97
50) 2,6-Dinitrotoluene	14.38	165	290270	47.31	nq	85
51) Acenaphthene	14.87	154	905651	45.42	nq	99
52) 3-Nitroaniline	14.71	138	129427	21.16	nq	# 89
53) 2,4-Dinitrophenol	14.92	184	371729	88.31	nq	94
54) Dibenzofuran	15.20	168	1440235	48.26	nq	98
55) 4-Nitrophenol	15.03	139	448968	87.56	nq	95
56) 2,4-Dinitrotoluene	15.17	165	425737	47.60	nq	96
57) Fluorene	15.85	166	1195352	46.54	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	423508m	49.80	nq	
59) Diethylphthalate	15.61	149	1323016	47.63	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	686846	43.90	nq	98
61) 4-Nitroaniline	15.88	138	286177	43.23	nq	# 80
62) Azobenzene	16.14	77	1426010	53.68	nq	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	273467	44.15	nq	96
65) n-Nitrosodiphenylamine	16.06	169	1122388	46.75	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	467775	43.14	nq	94
67) Hexachlorobenzene	16.86	284	498220	42.26	nq	96
68) Atrazine	17.01	200	480535	45.12	nq	99
69) Pentachlorophenol	17.21	266	644327	84.40	nq	99
70) Phenanthrene	17.61	178	1940742	47.52	nq	98
71) Anthracene	17.69	178	1960358	47.40	nq	98
72) Carbazole	17.96	167	1727059	48.33	nq	98
73) Di-n-butylphthalate	18.50	149	2048958	51.56	nq	99
74) Fluoranthene	19.61	202	2244145	44.78	nq	98
76) Benzidine	19.79	184	963407	38.22	nq	99
77) Pyrene	19.97	202	2239055	45.32	nq	98
79) Butylbenzylphthalate	20.84	149	1002255	51.22	nq	96
80) Benzo(a)anthracene	21.85	228	2314635	47.06	nq	99
81) 3,3'-Dichlorobenzidine	21.75	252	593152	27.47	nq	# 99
82) Chrysene	21.92	228	2143667	46.46	nq	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1342179	49.39	nq	98
84) Di-n-octyl phthalate	22.99	149	2237411	49.37	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2603299	44.25	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2396844	48.15	nq	# 98
88) Benzo(k)fluoranthene	24.24	252	2311237	48.93	nq	# 97
89) Benzo(a)pyrene	25.09	252	2357293	49.40	nq	# 99
90) Dibenzo(a,h)anthracene	29.19	278	2156194	45.53	nq	# 95
91) Benzo(g,h,i)perylene	30.33	276	2105230	44.39	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

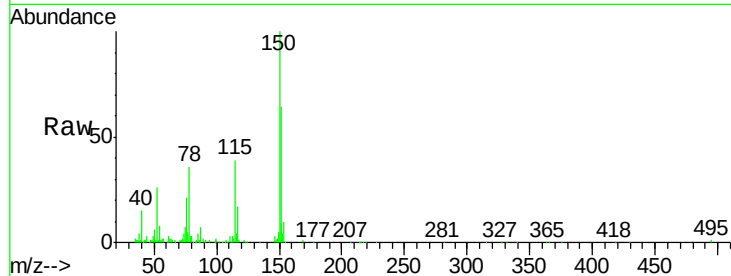
Tot Ion:152 Resp: 92047

Ion Ratio Lower Upper

152 100

150 156.1 144.7 217.1

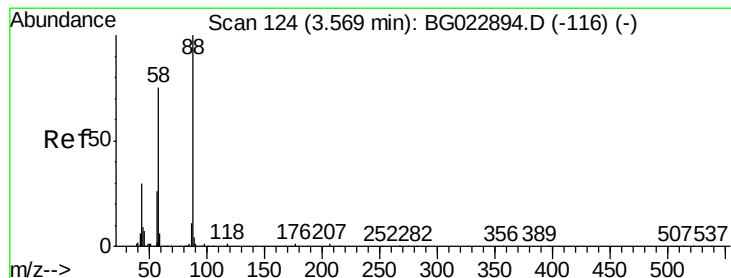
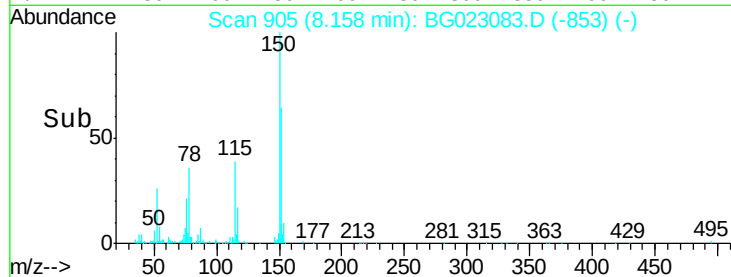
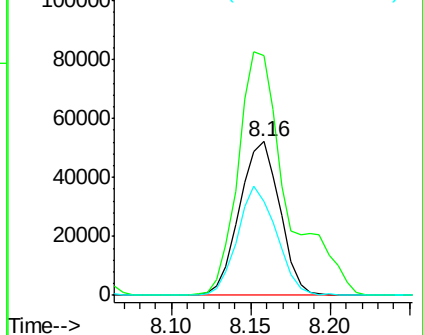
115 61.3 64.0 96.0#



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: 48.55 ng

RT: 3.56 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

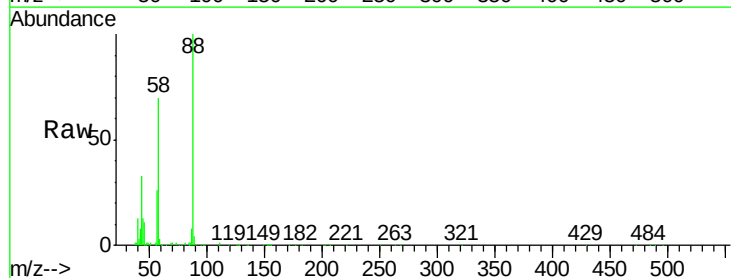
Tgt Ion: 88 Resp: 106200

Ion Ratio Lower Upper

88 100

58 71.4 60.4 90.6

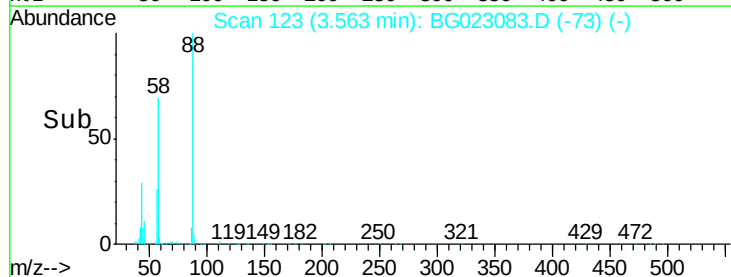
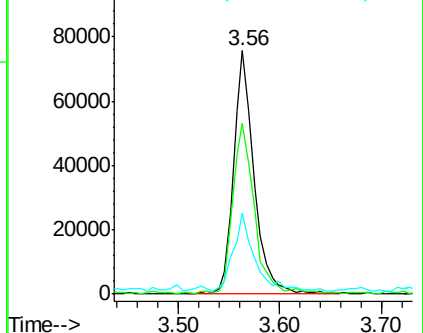
43 32.8 31.1 46.7

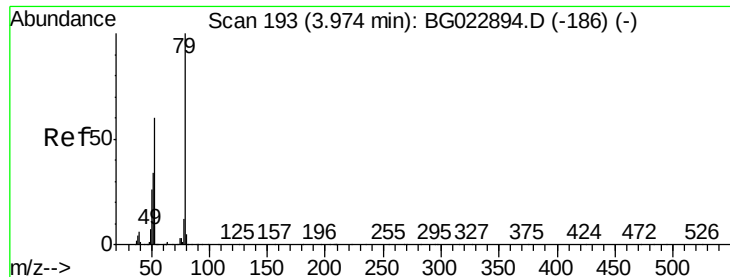


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.86 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

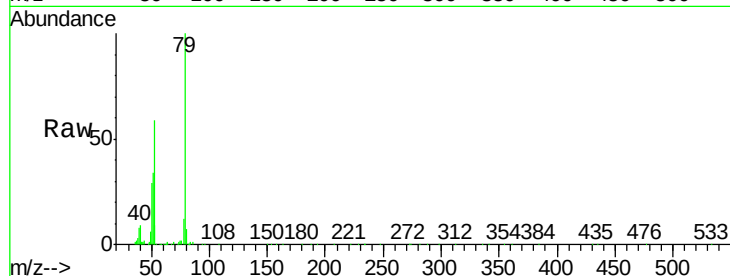
Tot Ion: 79 Resp: 275909

Ion Ratio Lower Upper

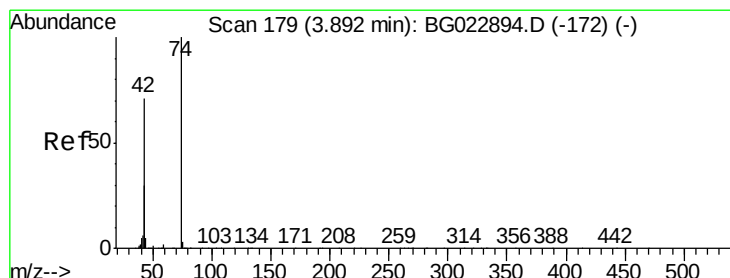
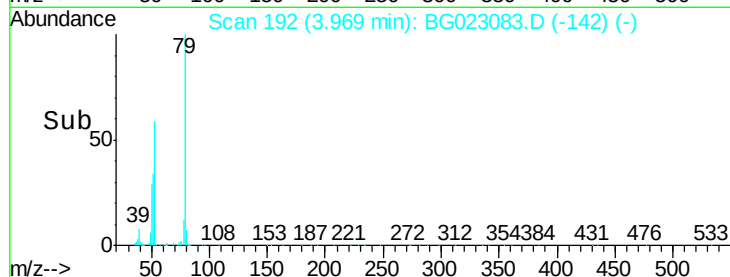
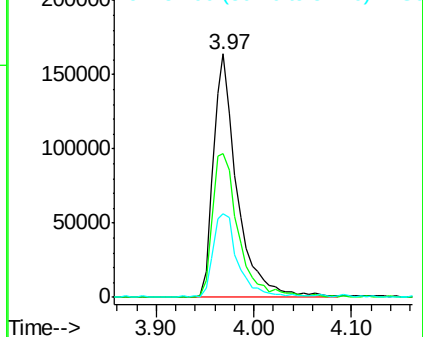
79 100

52 58.9 51.8 77.8

51 34.3 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: 45.40 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

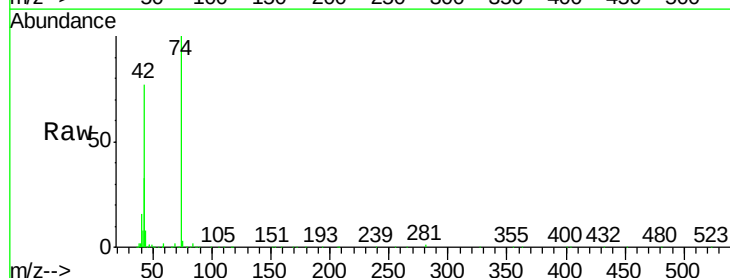
Tgt Ion: 42 Resp: 145816

Ion Ratio Lower Upper

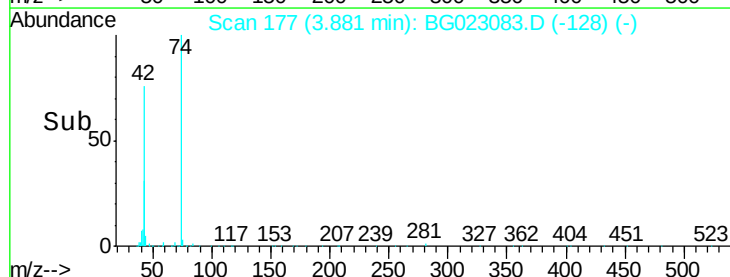
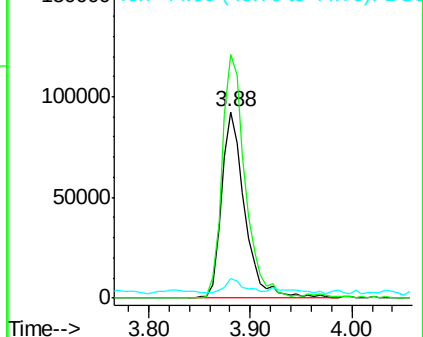
42 100

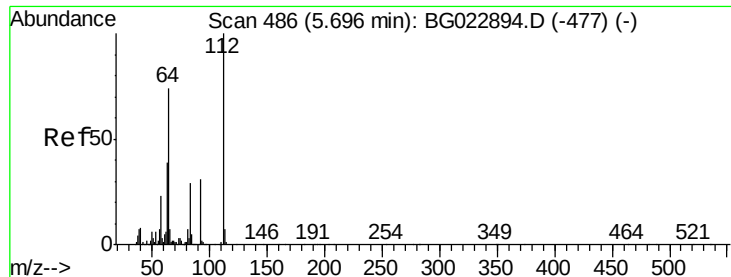
74 130.5 100.6 150.8

44 10.9 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: 155.50 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

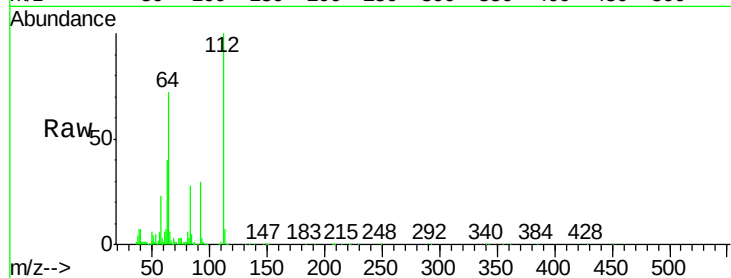
Tot Ion:112 Resp: 875154

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

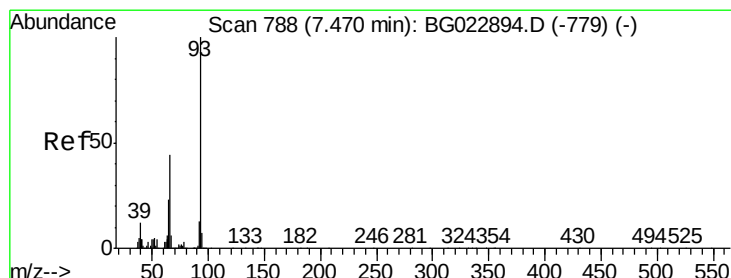
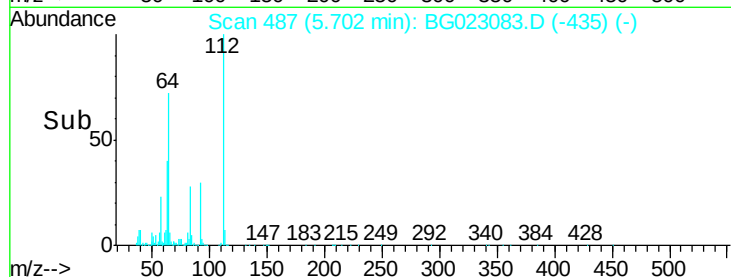
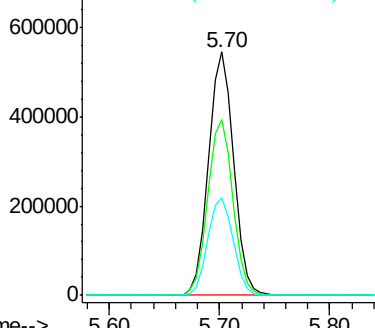
63 40.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.48 ng

RT: 7.48 min Scan# 789

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

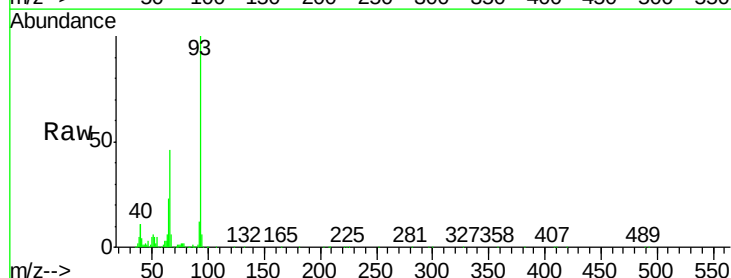
Tgt Ion: 93 Resp: 286799

Ion Ratio Lower Upper

93 100

66 45.7 37.5 56.3

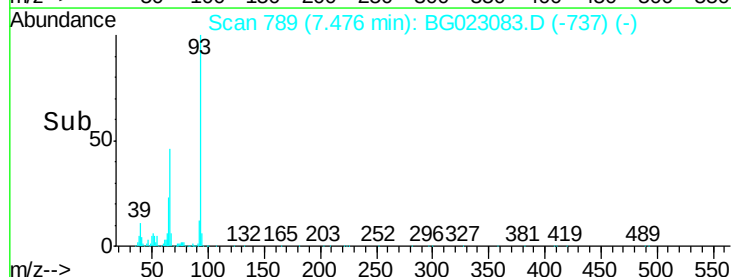
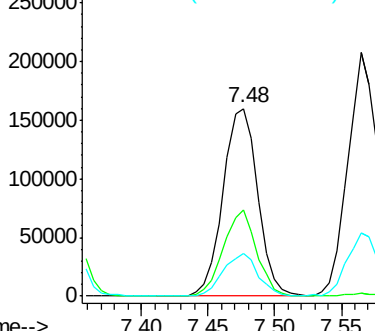
65 22.8 17.9 26.9

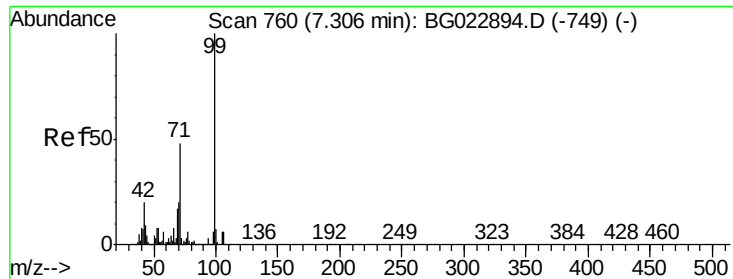


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.87 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

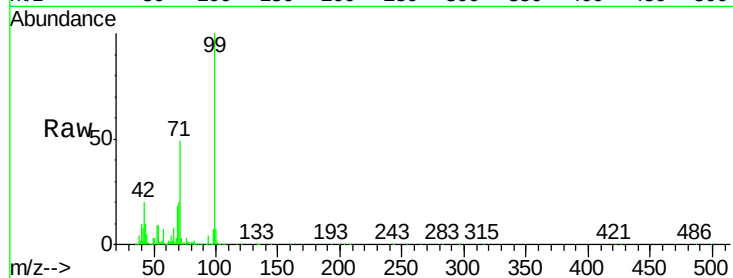
BNA_G

ClientSampleId :

PB92058BS

Tot Ion: 99 Resp: 1347501

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	48.6	41.5	62.3

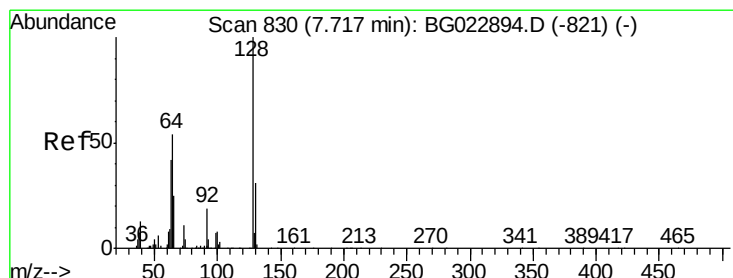
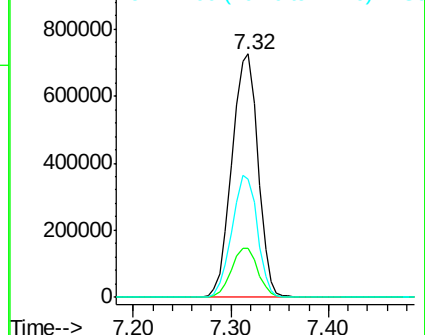
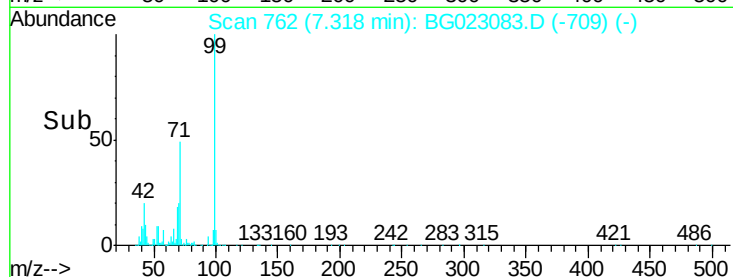


Abundance

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: 52.36 ng

RT: 7.72 min Scan# 830

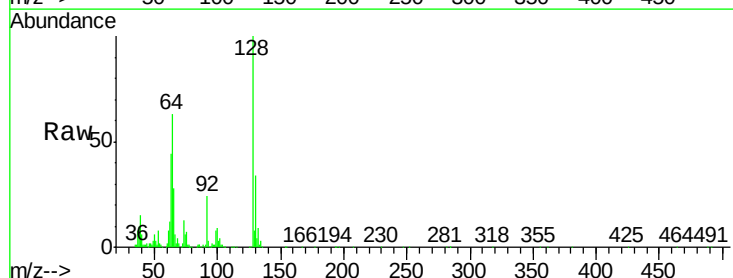
Delta R.T. 0.00 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Tgt Ion:128 Resp: 313580

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	63.0	42.0	82.0

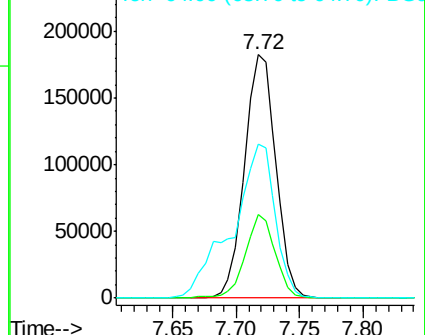
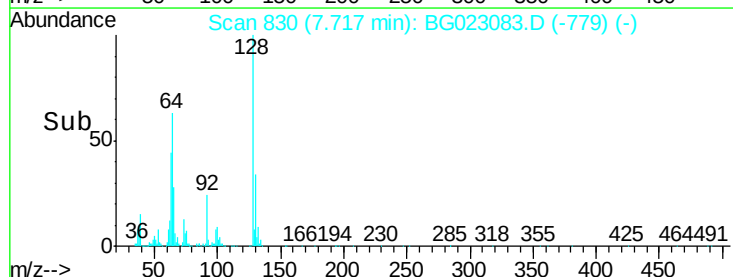


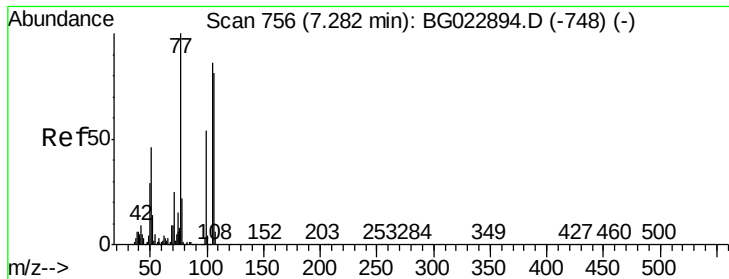
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.84 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampled :

PB92058BS

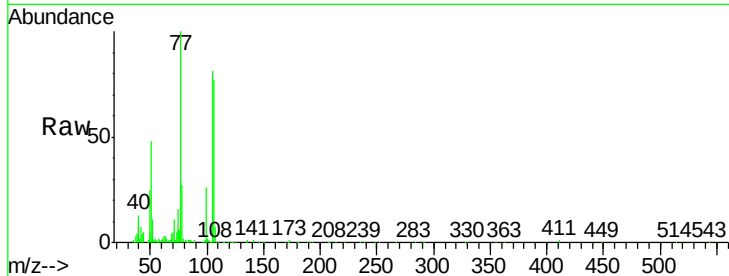
Tot Ion: 77 Resp: 152184

Ion Ratio Lower Upper

77 100

105 81.0 58.7 98.7

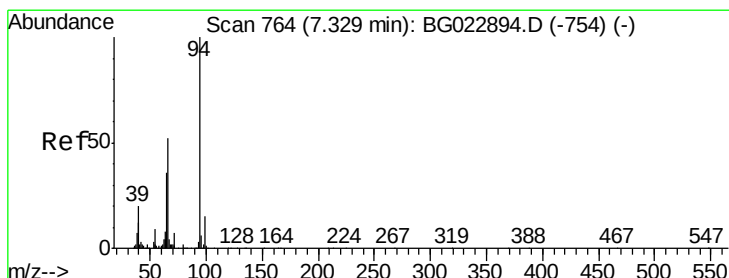
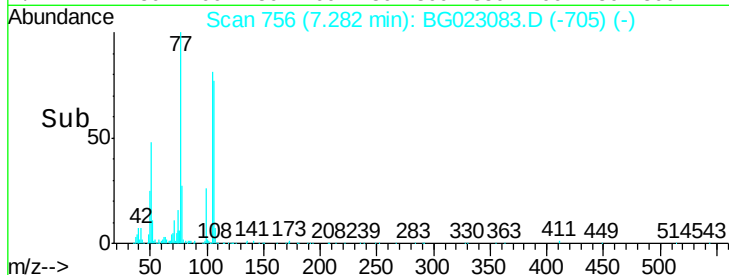
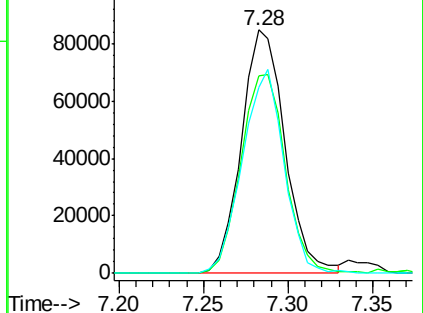
106 76.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.93 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

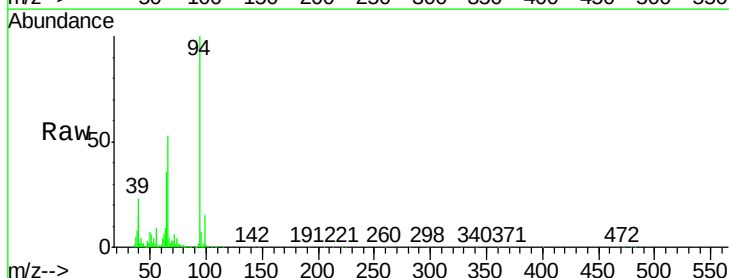
Tgt Ion: 94 Resp: 489130

Ion Ratio Lower Upper

94 100

65 36.4 18.1 58.1

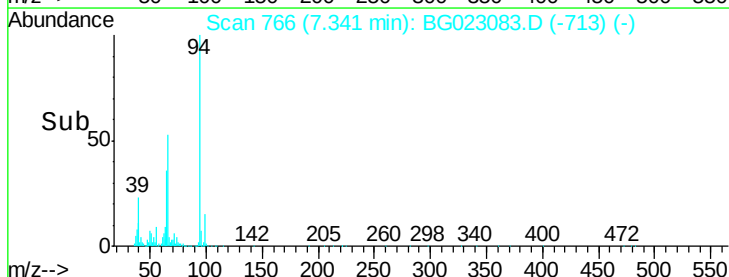
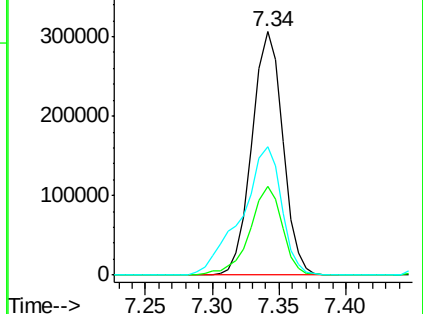
66 52.5 42.1 82.1

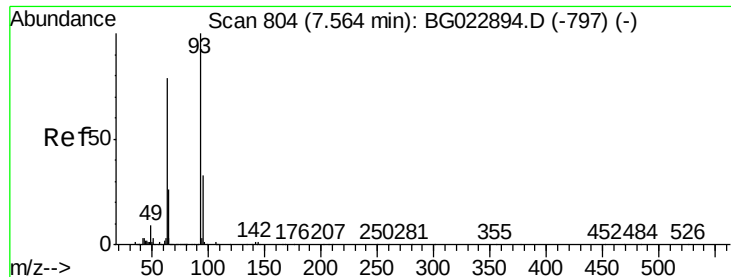


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

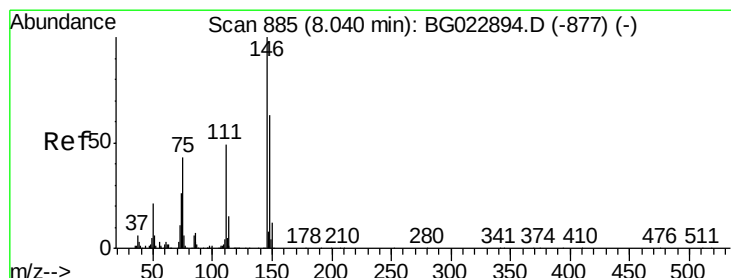
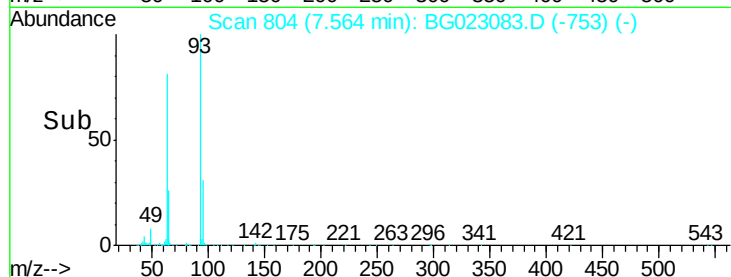
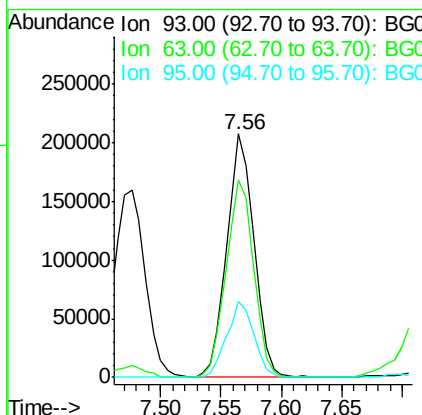
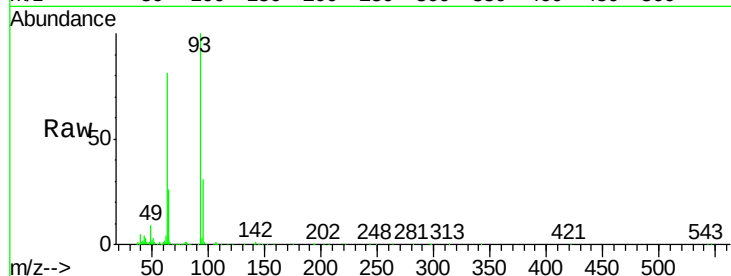




#11
bis(2-Chloroethyl)ether
Concen: 45.24 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

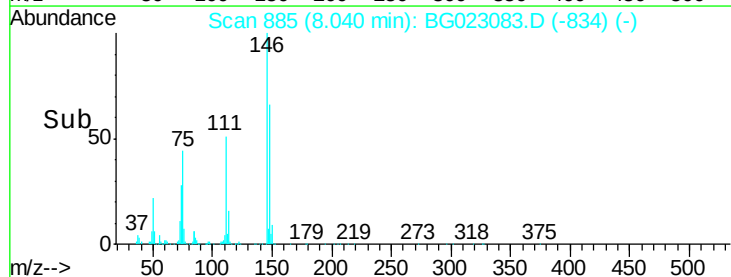
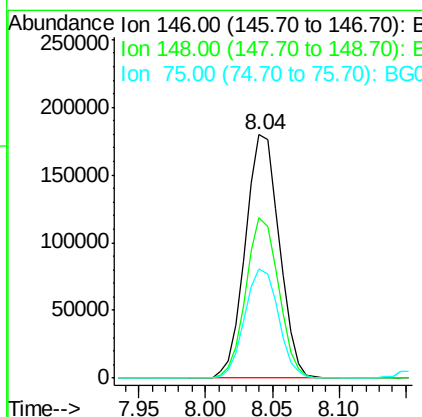
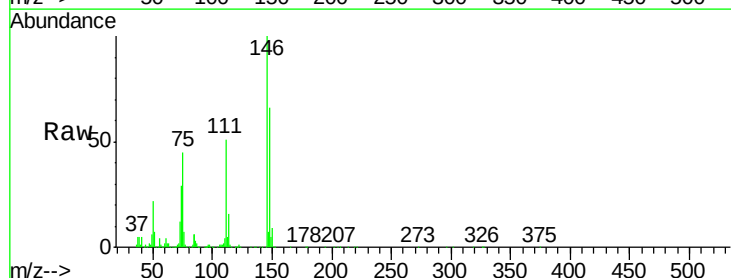
Instrument :
BNA_G
ClientSampleId :
PB92058BS

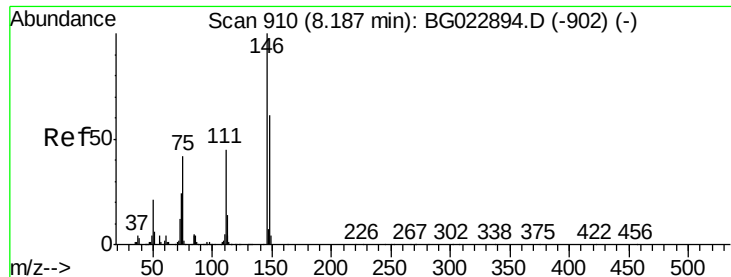
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	55.0	95.0
95	31.1	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.3	75.5
75	45.1	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 43.93 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

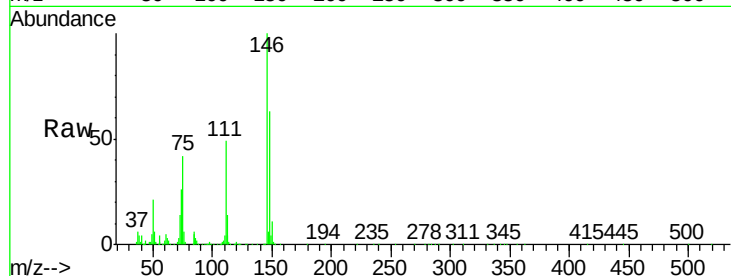
Tot Ion:146 Resp: 322389

Ion Ratio Lower Upper

146 100

148 63.4 54.5 81.7

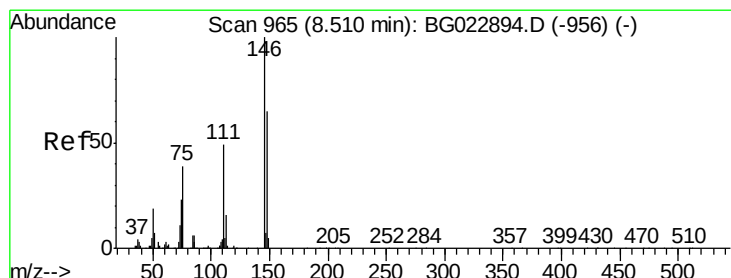
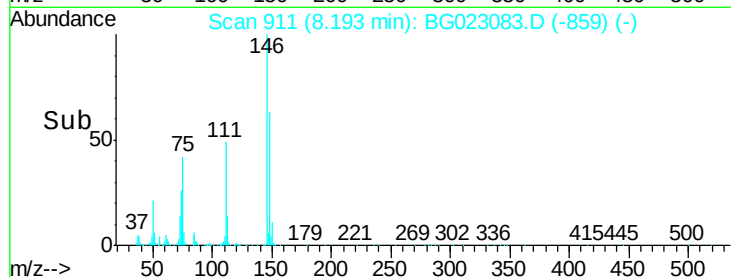
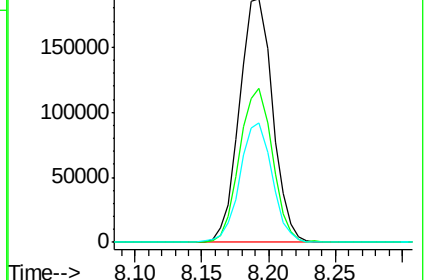
111 48.9 37.8 56.8



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: 43.14 ng

RT: 8.52 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

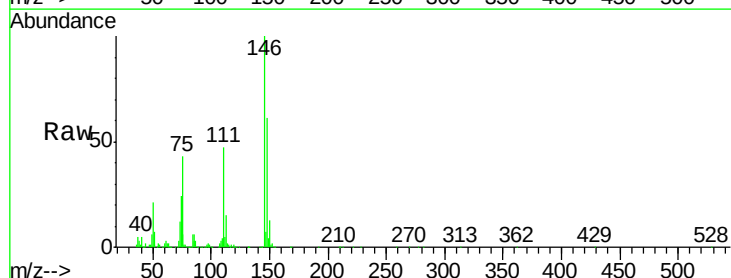
Tgt Ion:146 Resp: 314757

Ion Ratio Lower Upper

146 100

148 60.7 52.9 79.3

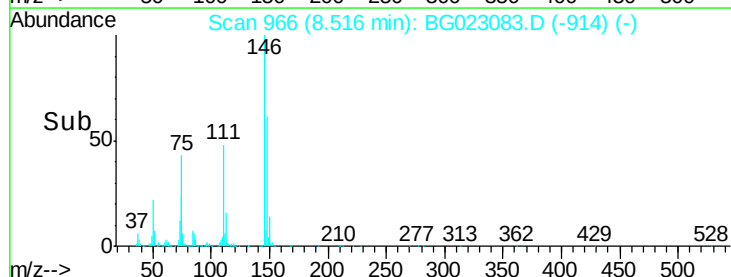
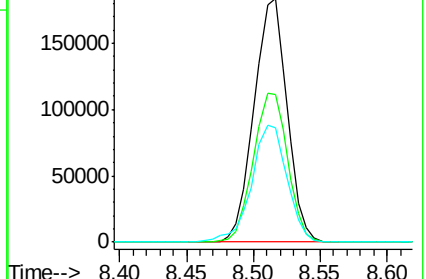
111 46.9 43.5 65.3

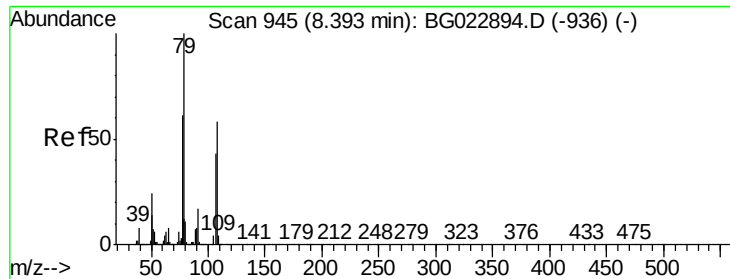


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

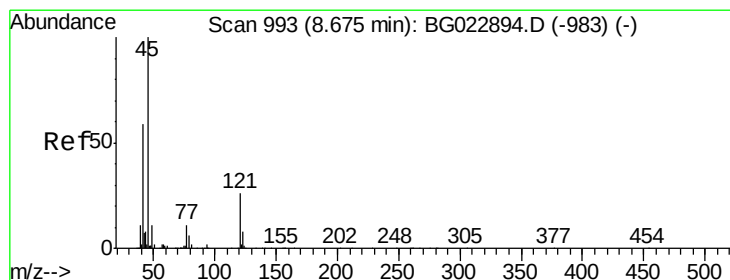
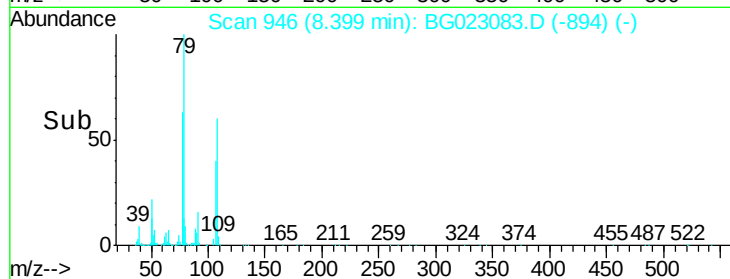
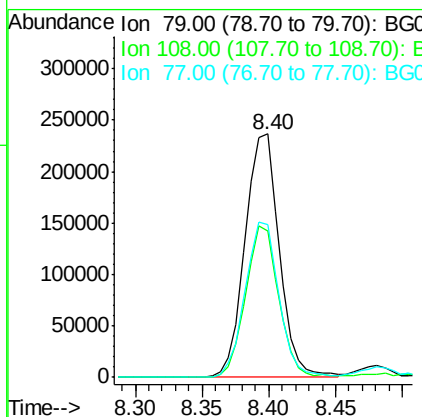
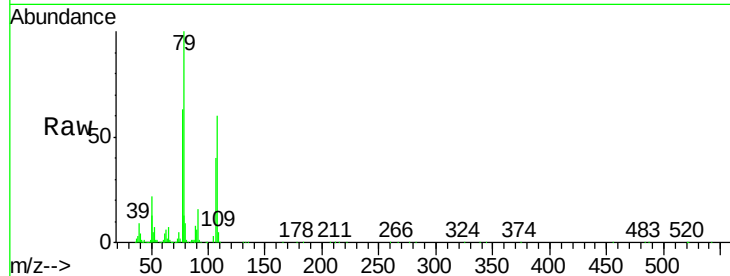




#15
Benzyl Alcohol
Concen: 51.77 ng
RT: 8.40 min Scan# 946
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

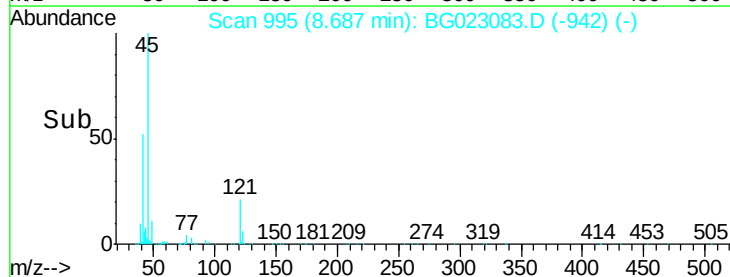
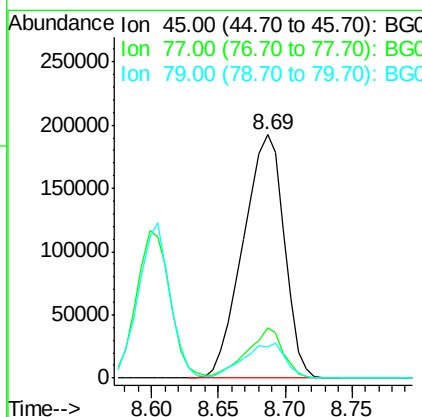
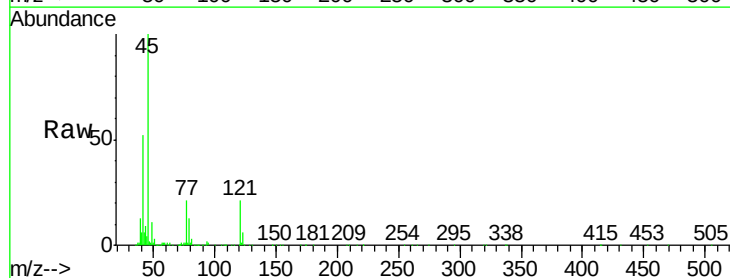
Instrument :
BNA_G
ClientSampleId :
PB92058BS

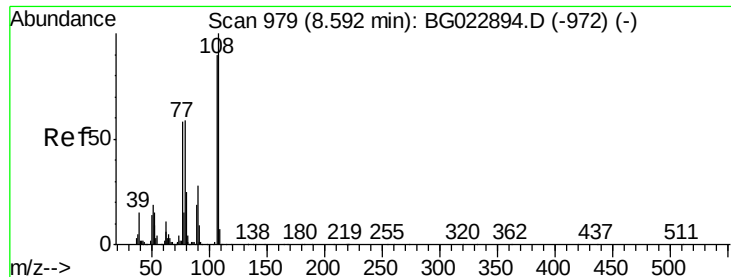
Tot Ion: 79 Resp: 417969
Ion Ratio Lower Upper
79 100
108 59.9 46.5 69.7
77 62.6 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.67 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion: 45 Resp: 409825
Ion Ratio Lower Upper
45 100
77 20.8 0.6 40.6
79 12.6 0.0 36.2

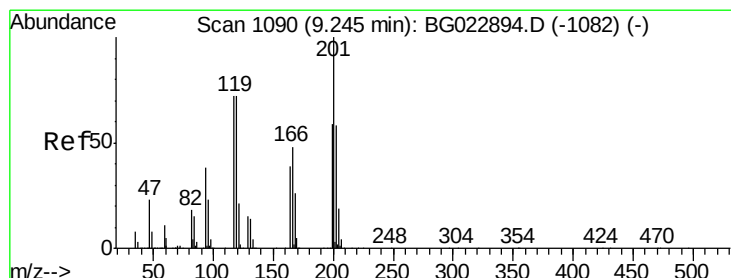
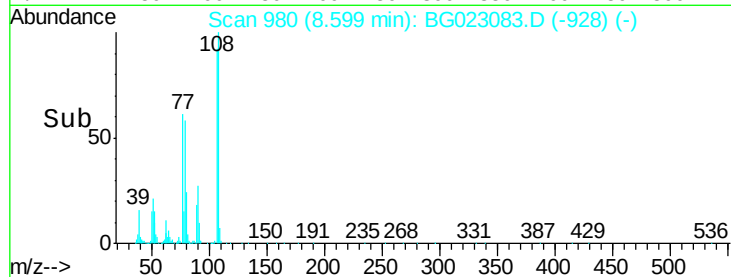
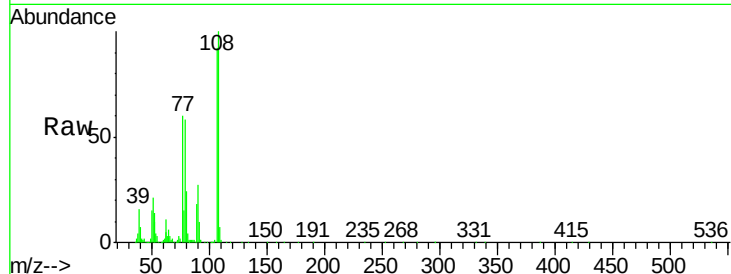
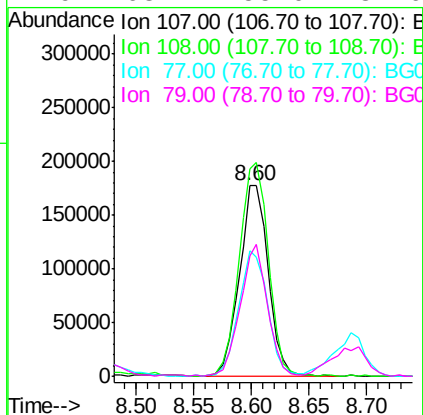




#17
2-Methylphenol
Concen: 52.25 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

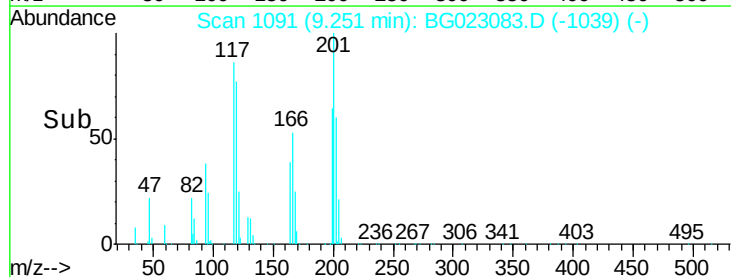
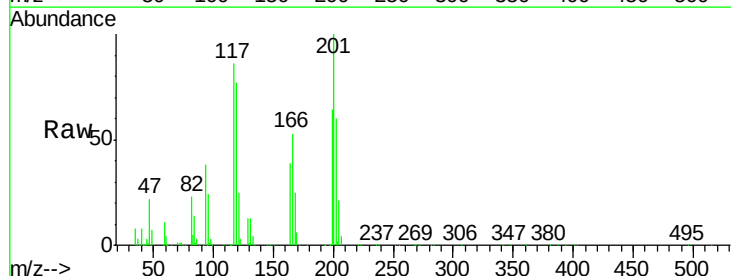
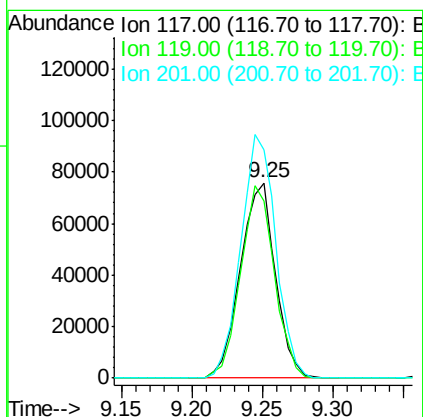
Instrument :
BNA_G
ClientSampleId :
PB92058BS

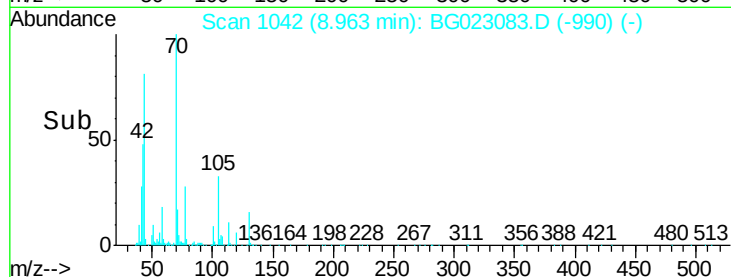
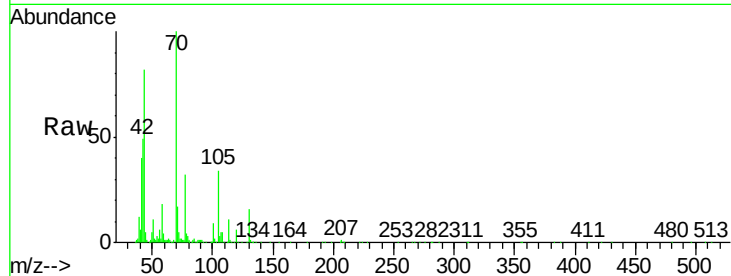
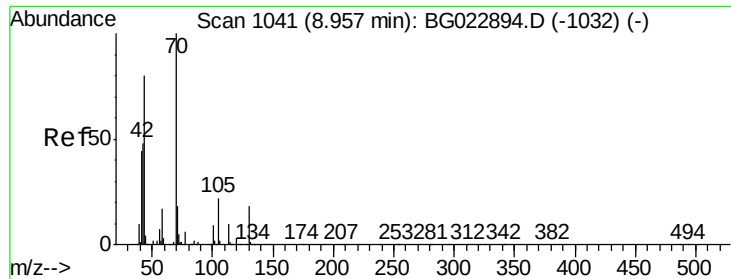
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	92.0	138.0
77	65.8	55.8	83.6
79	63.2	55.0	82.6



#18
Hexachloroethane
Concen: 42.53 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	73.7	110.5
201	116.7	88.7	133.1

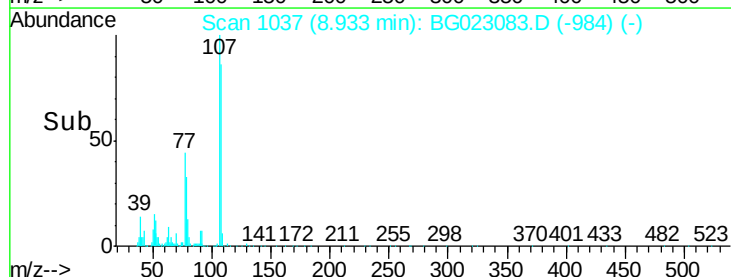
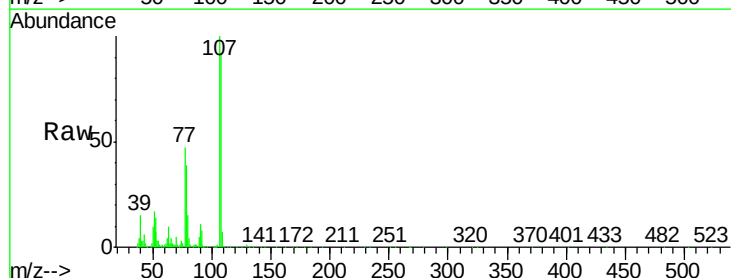
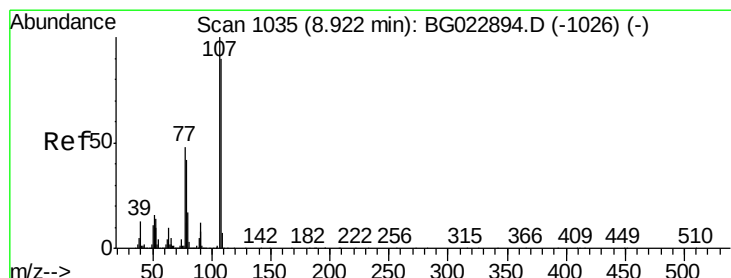
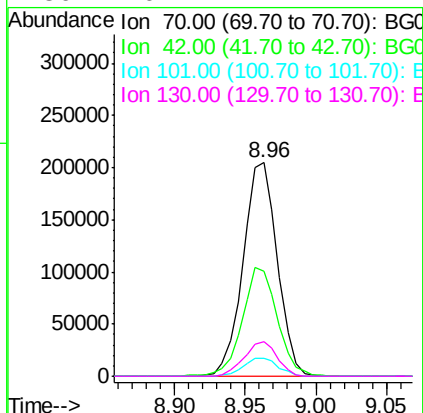




#19
n-Nitroso-di-n-propylamine
Concen: 43.64 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

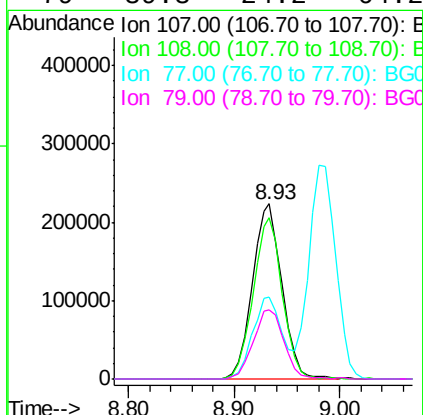
Instrument :
BNA_G
ClientSampleId :
PB92058BS

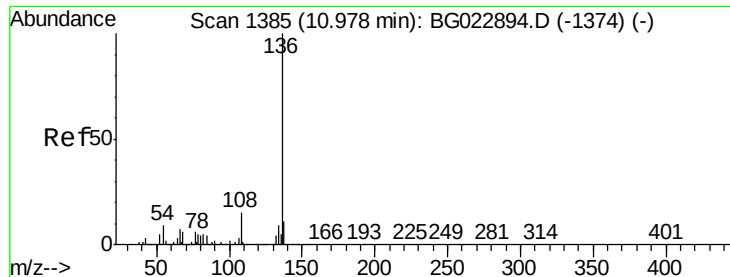
Tot Ion:	70	Resp:	346811
Ion	Ratio	Lower	Upper
70	100		
42	49.2	42.1	63.1
101	8.6	7.2	10.8
130	16.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 52.54 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion:	107	Resp:	432602
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.5	112.5
77	46.8	30.1	70.1
79	39.3	24.2	64.2

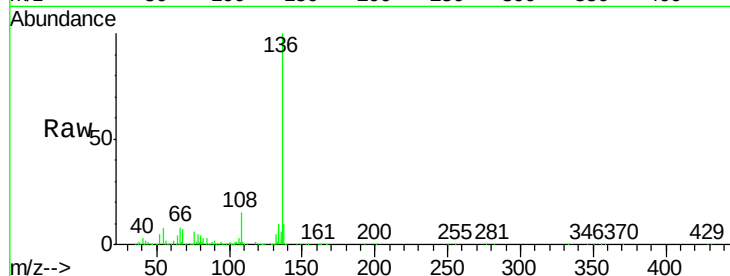




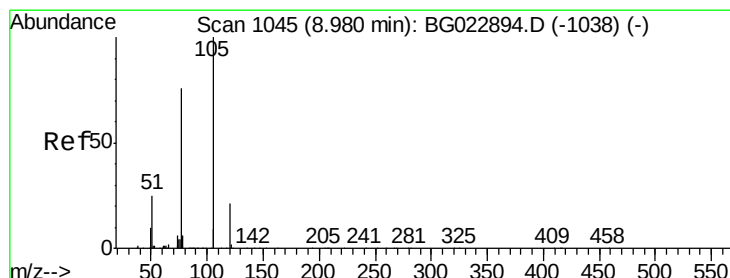
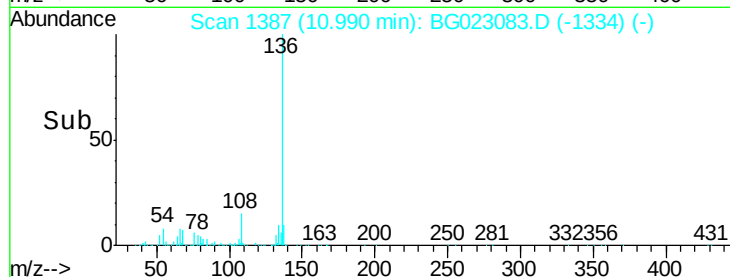
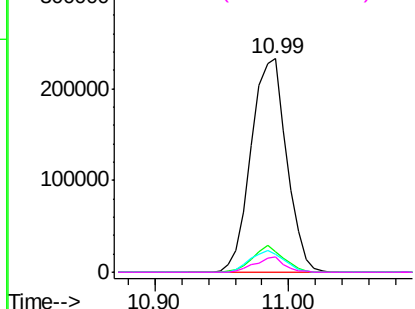
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:136	Resp:	426712
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.6 14.4
54	8.2	7.3 10.9
68	7.5	5.3 7.9

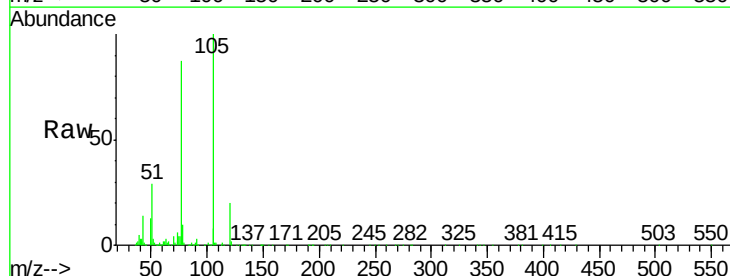


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

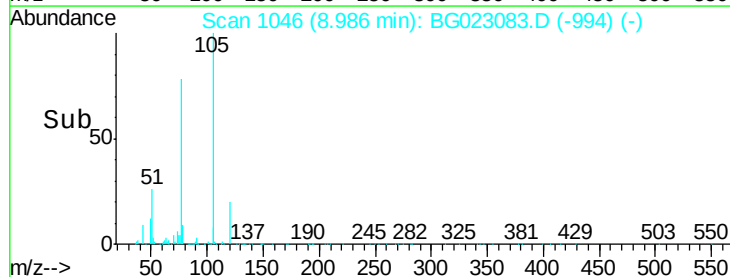
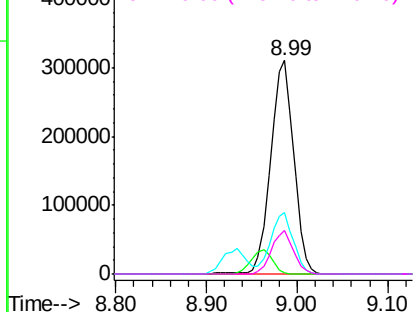


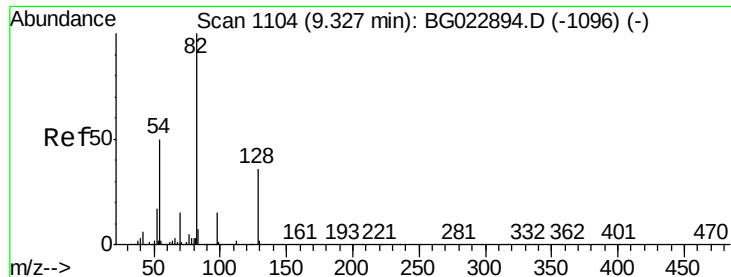
#22
Acetophenone
Concen: 42.92 ng
RT: 8.99 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion:105	Resp:	549611
Ion Ratio	Lower	Upper
105	100	
71	0.7	2.6 3.8#
51	28.6	27.1 40.7
120	20.2	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

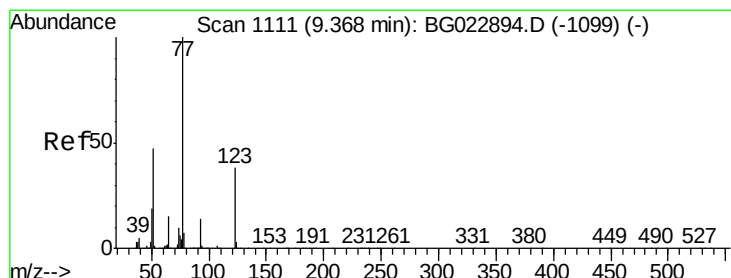
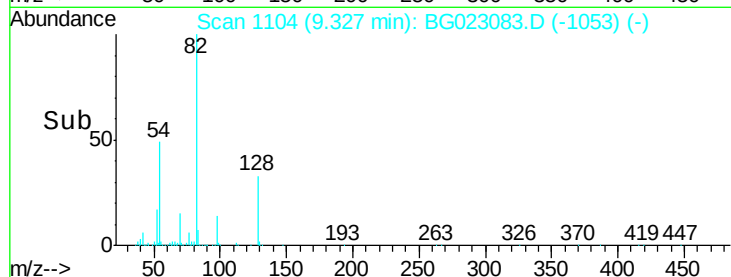
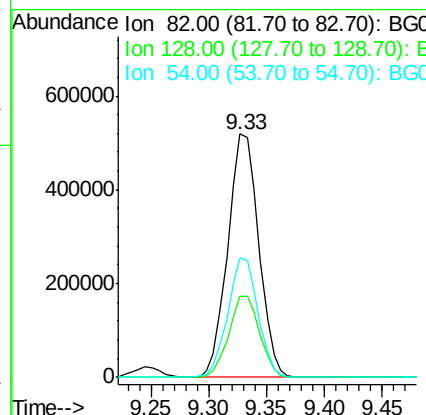
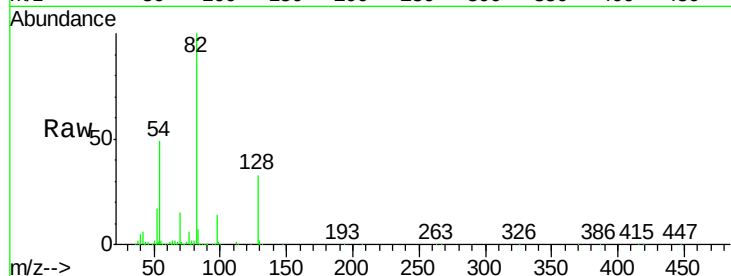




#23
 Nitrobenzene-d5
 Concen: 96.68 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

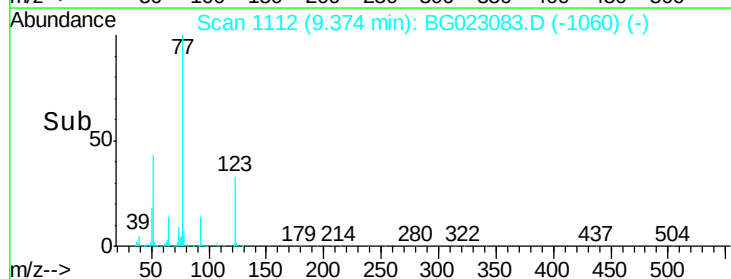
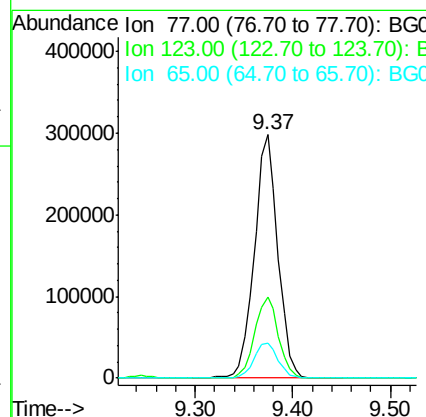
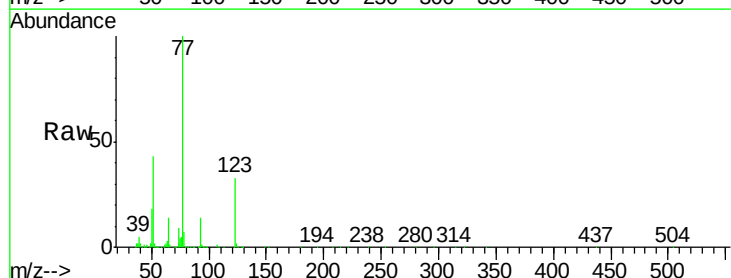
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

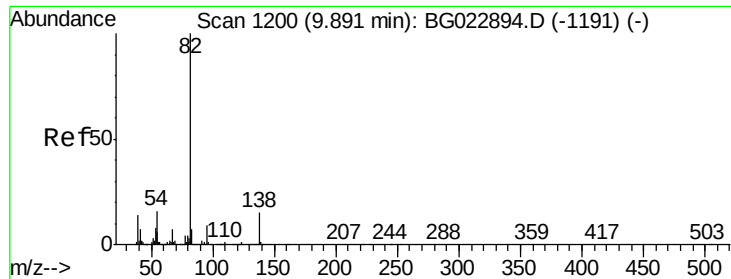
Tot Ion	82	Resp	963435
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	49.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 47.40 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion	77	Resp	501956
Ion Ratio	Lower	Upper	
77	100		
123	33.4	25.0	37.6
65	14.5	13.4	20.0





#25

Isophorone

Concen: 44.42 ng

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

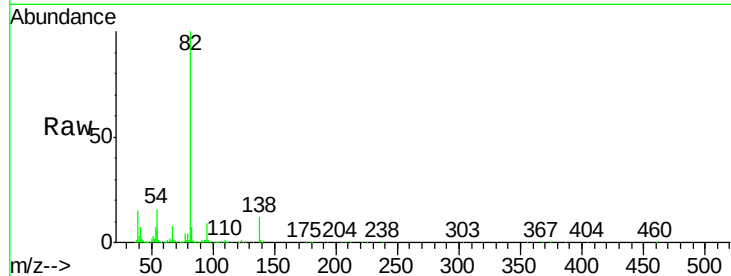
Tot Ion: 82 Resp: 890377

Ion Ratio Lower Upper

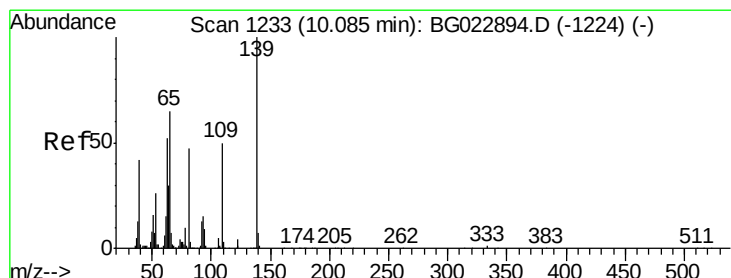
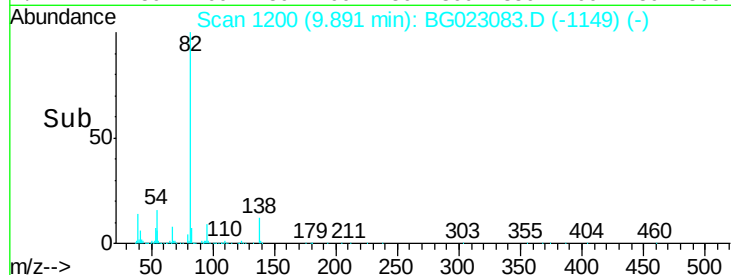
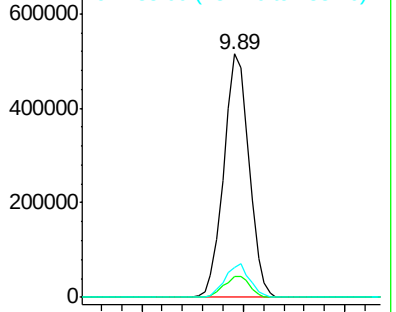
82 100

95 8.7 8.2 12.2

138 12.3 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: 46.81 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

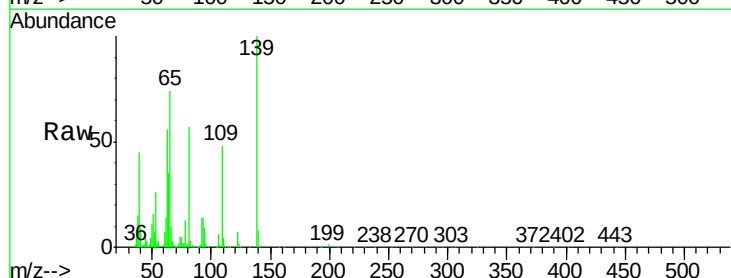
Tgt Ion: 139 Resp: 194514

Ion Ratio Lower Upper

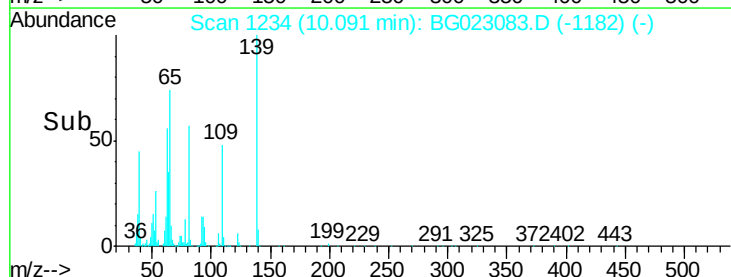
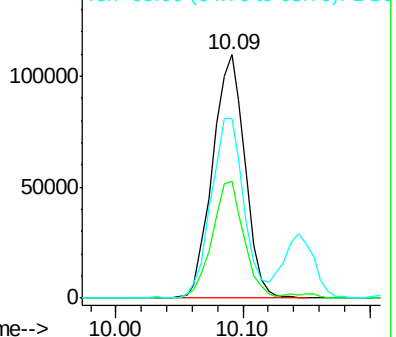
139 100

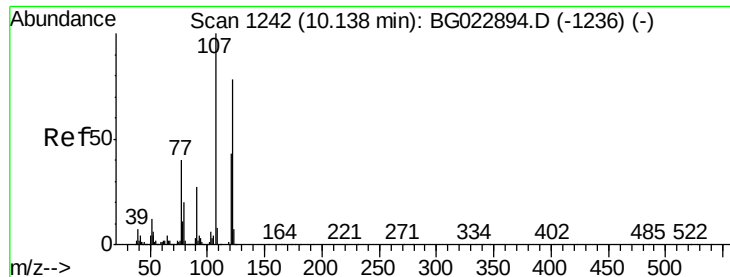
109 48.0 43.5 65.3

65 74.0 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

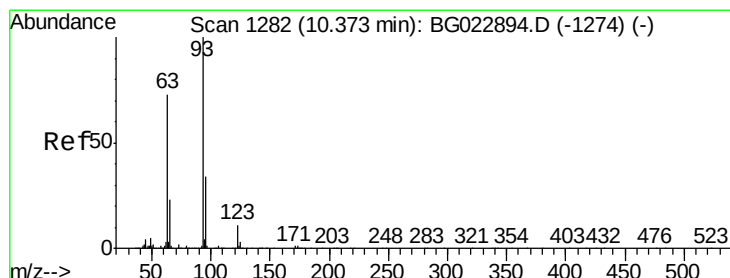
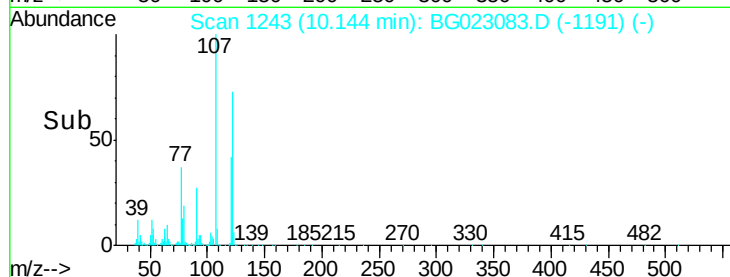
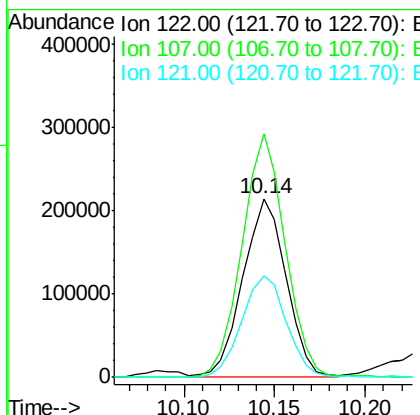
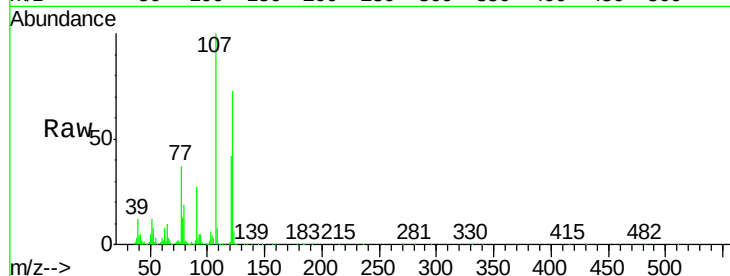




#27
 2,4-Dimethylphenol
 Concen: 49.28 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

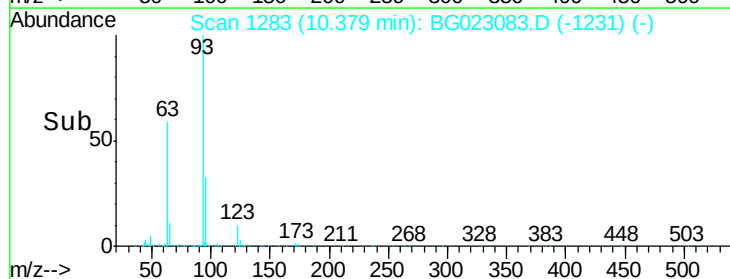
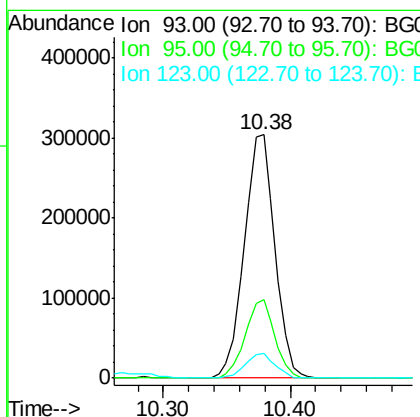
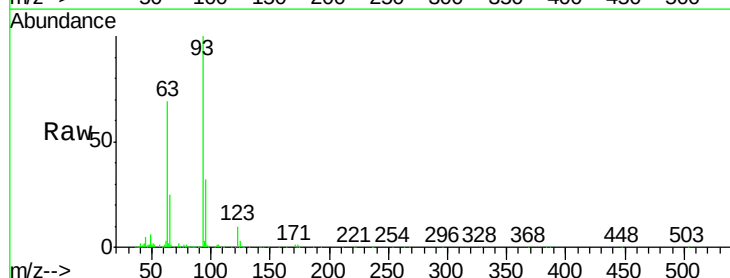
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

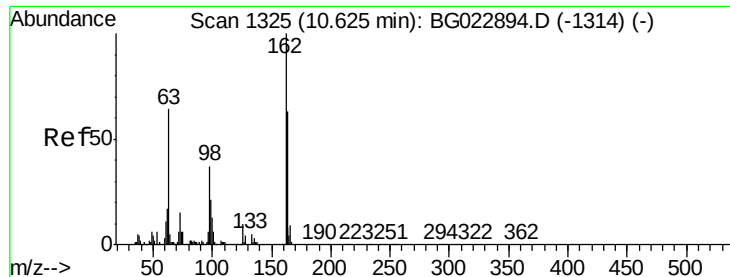
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.1	117.0	175.4
121	56.9	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.61 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.1	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 49.41 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

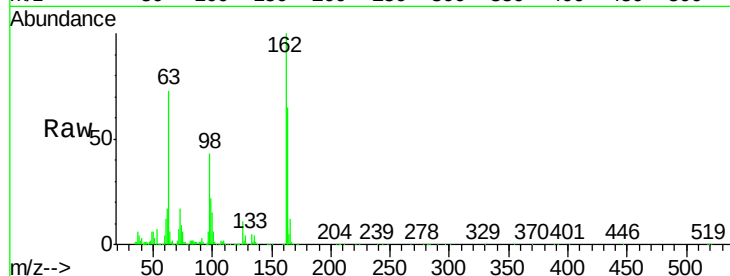
Tot Ion:162 Resp: 378511

Ion Ratio Lower Upper

162 100

164 65.1 44.3 84.3

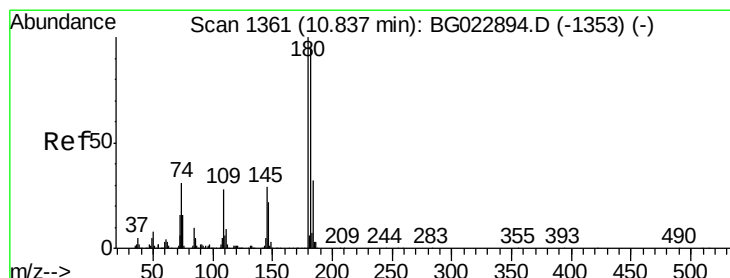
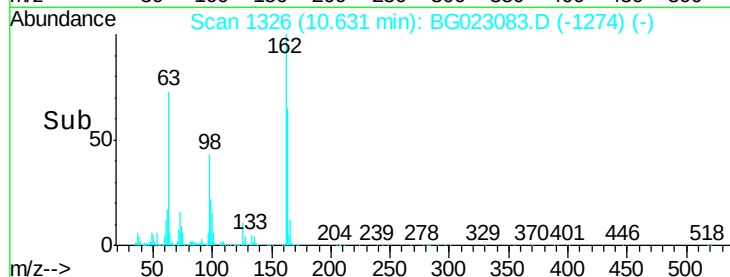
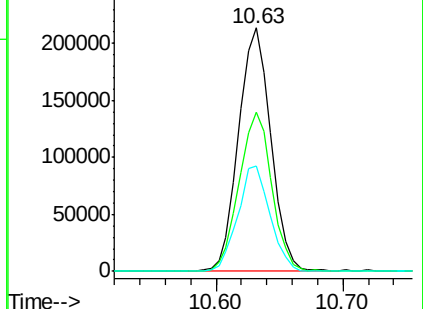
98 43.0 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.47 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

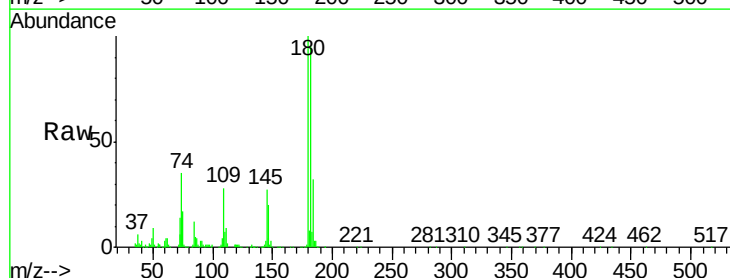
Tgt Ion:180 Resp: 381561

Ion Ratio Lower Upper

180 100

182 95.1 73.8 110.8

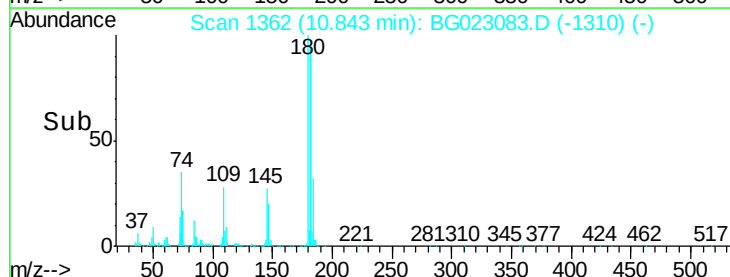
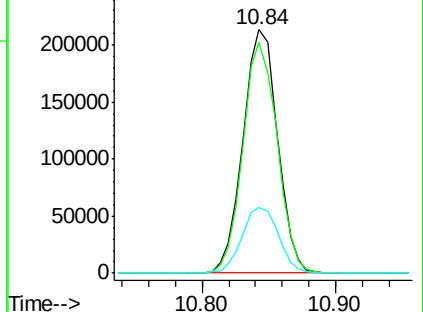
145 26.8 24.4 36.6

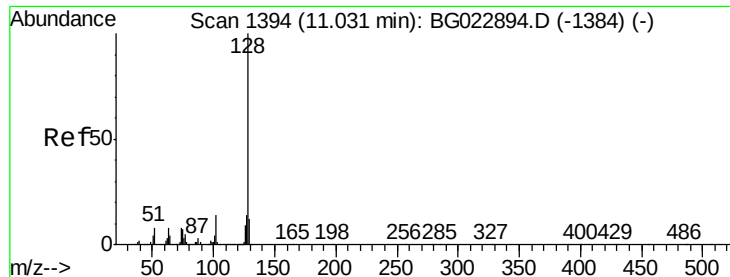


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

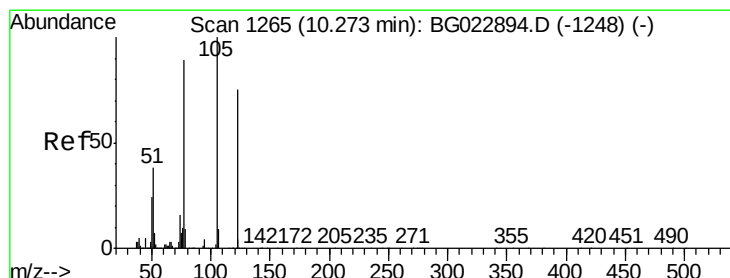
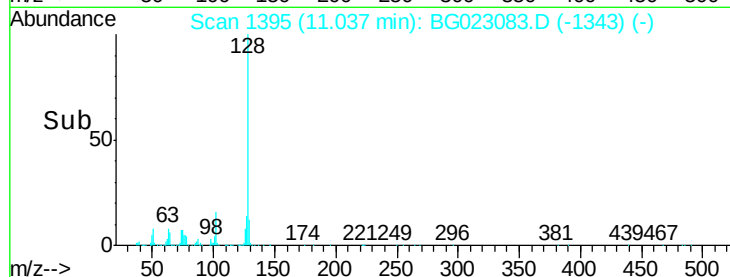
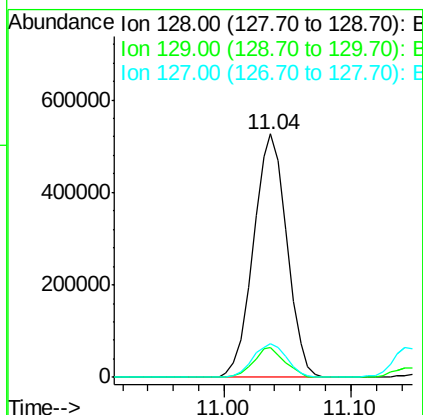
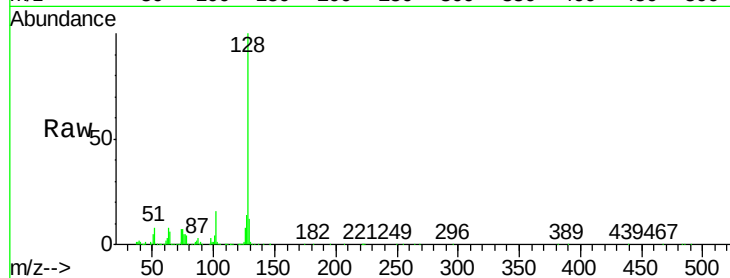




#31
Naphthalene
Concen: 44.23 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

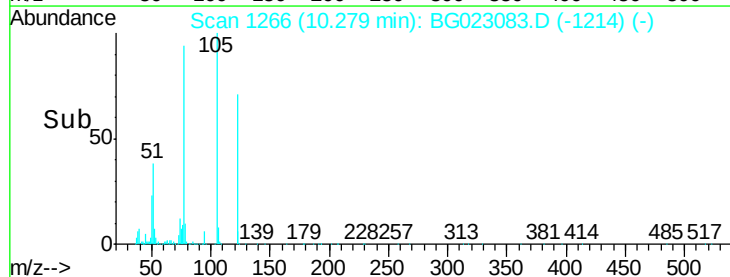
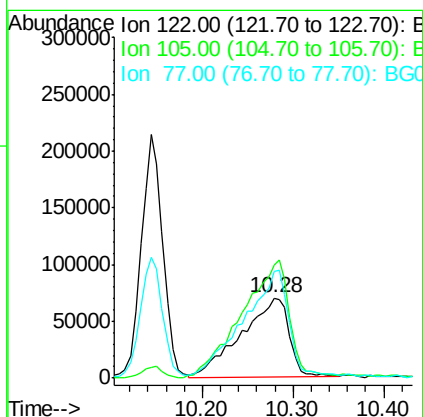
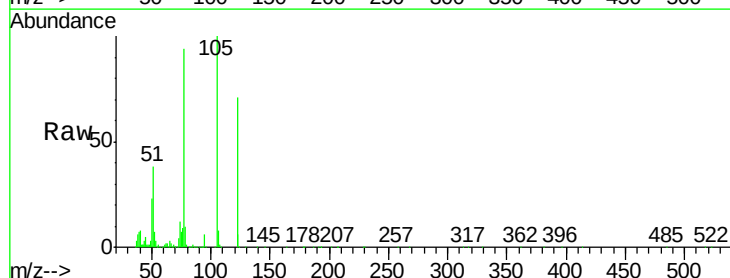
Instrument :
BNA_G
ClientSampleId :
PB92058BS

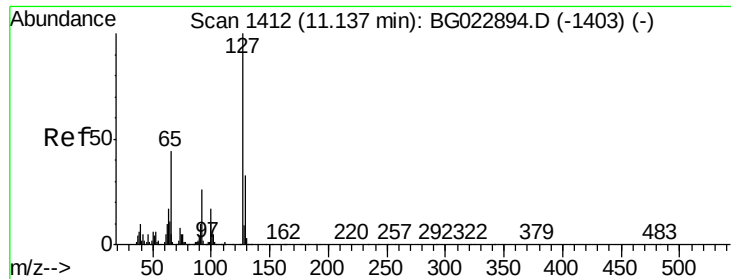
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.0
127	13.7	11.3	16.9



#32
Benzoic acid
Concen: 38.81 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.6	117.2	157.2
77	132.5	109.2	149.2

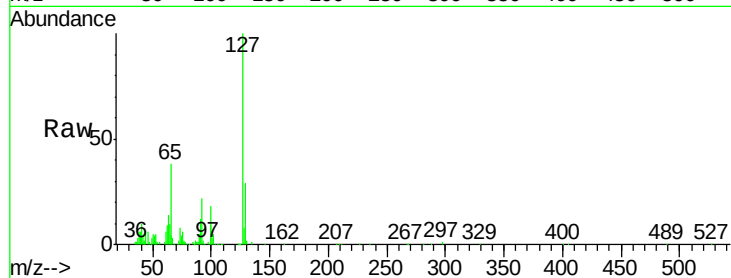




#33
4-Chloroaniline
Concen: 12.14 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:	127	Resp:	128949
Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.9	41.9
65	38.0	36.8	55.2
92	21.6	21.0	31.6

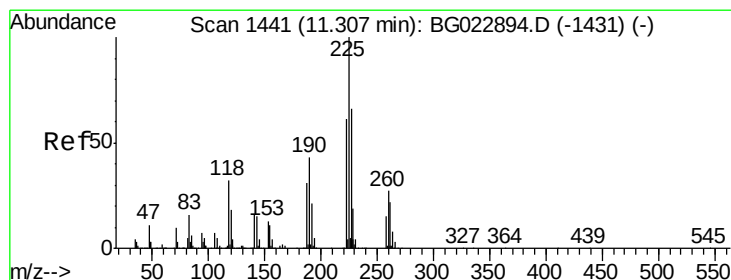
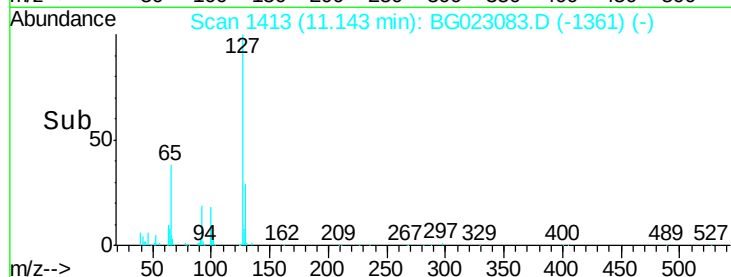
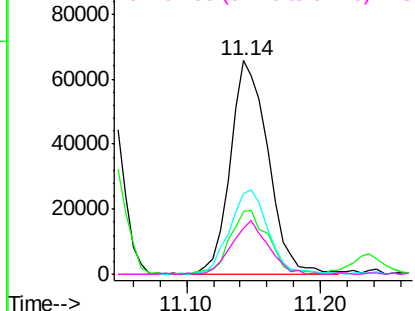


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

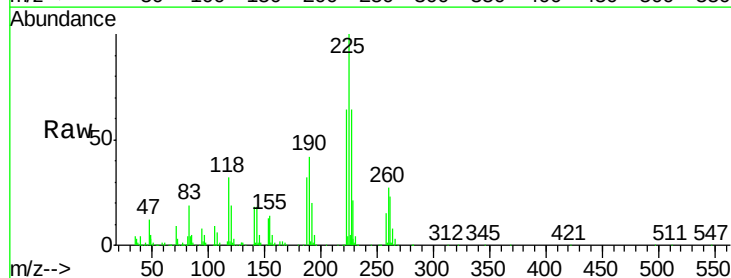
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

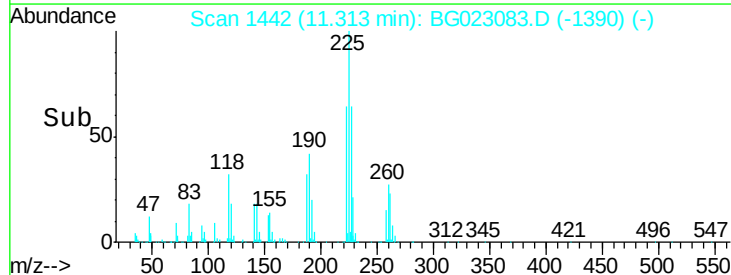
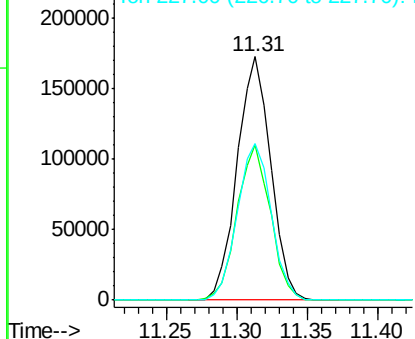
Tgt Ion:	225	Resp:	286976
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	64.2	54.5	81.7

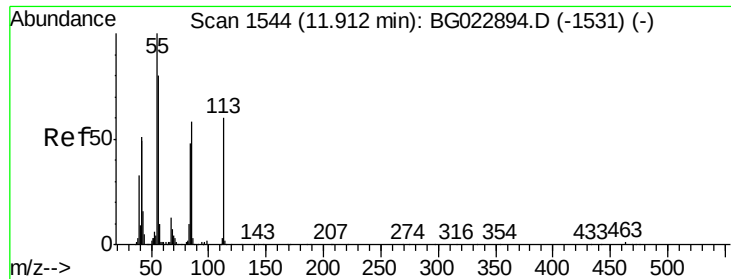


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.42 ng/mL

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

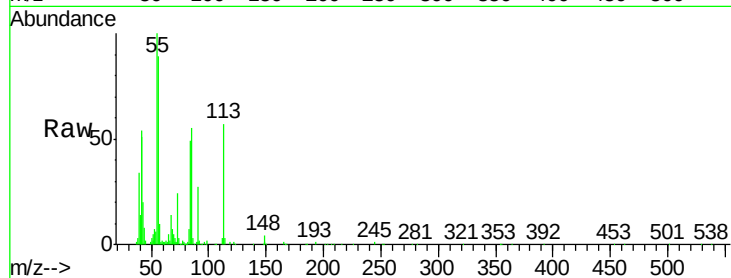
Tot Ion:113 Resp: 136851

Ion Ratio Lower Upper

113 100

55 174.5 154.5 194.5

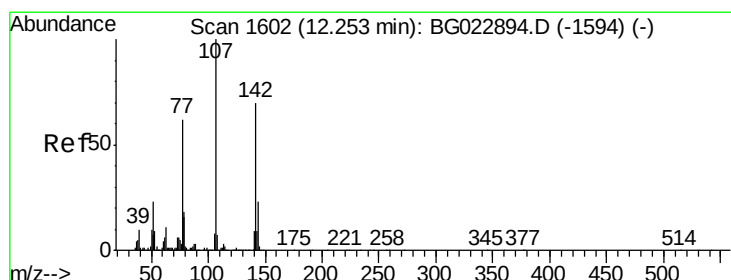
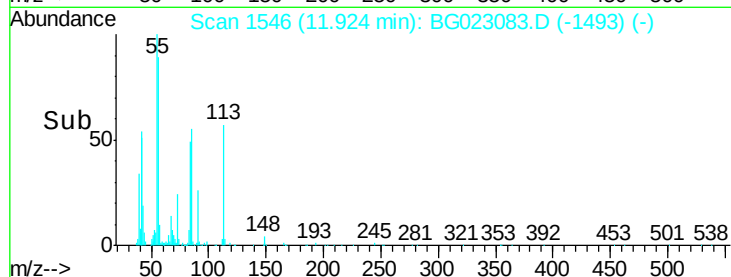
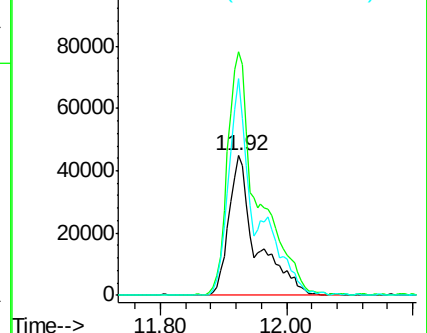
56 155.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.93 ng/mL

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

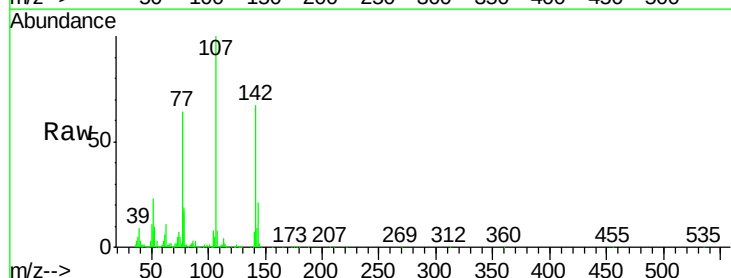
Tgt Ion:107 Resp: 491737

Ion Ratio Lower Upper

107 100

144 20.7 17.0 25.6

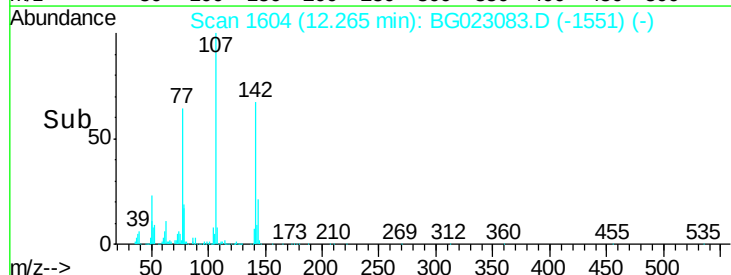
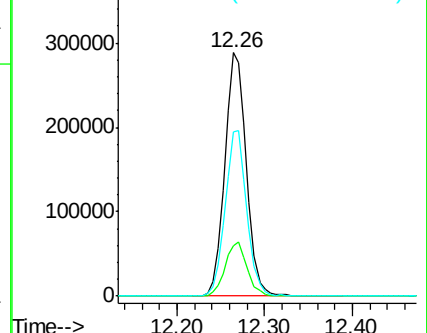
142 67.3 53.0 79.6

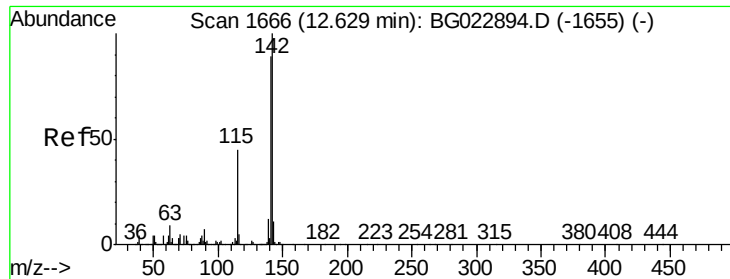


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

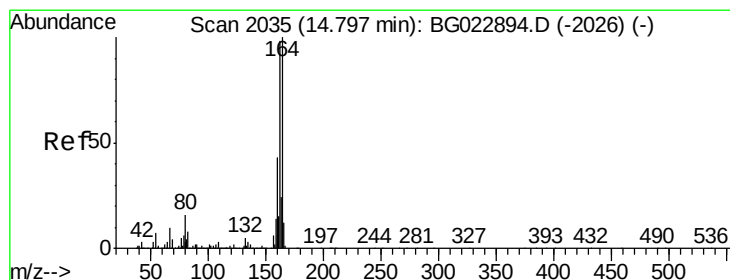
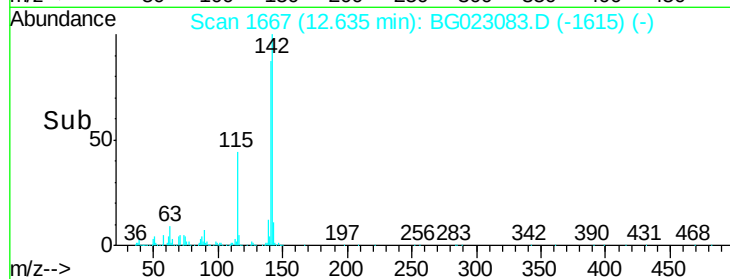
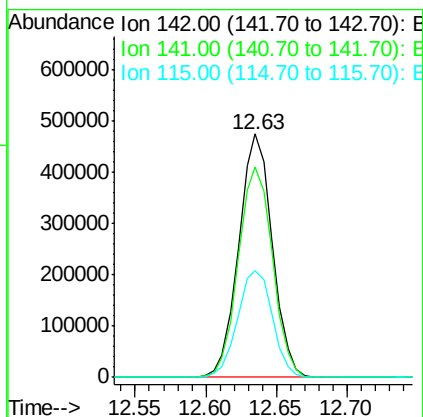
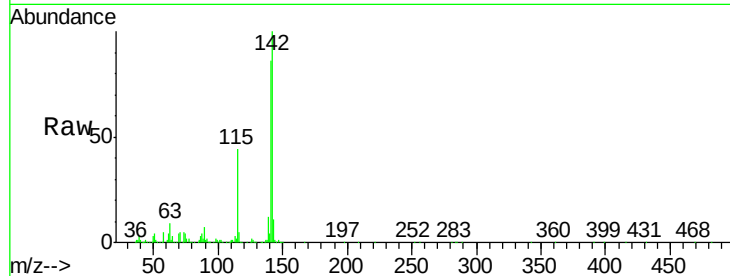




#37
2-Methylnaphthalene
Concen: 45.79 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

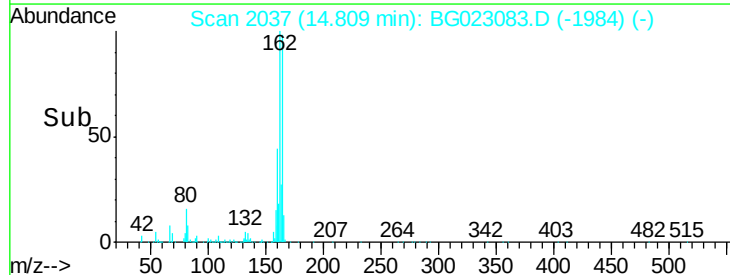
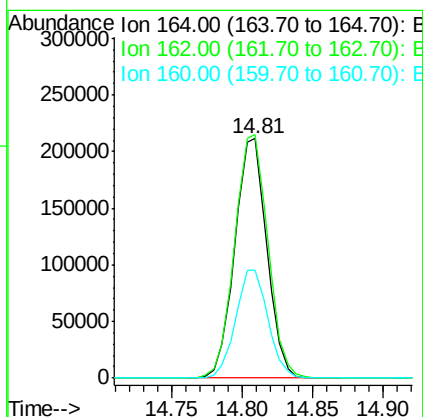
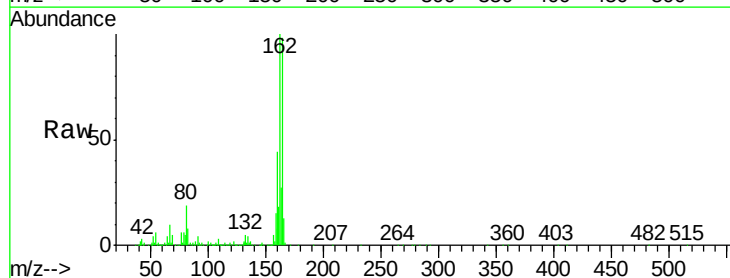
Instrument :
BNA_G
ClientSampleId :
PB92058BS

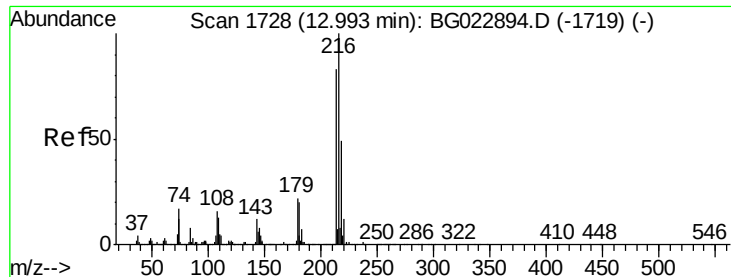
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.2	105.2
115	44.0	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	45.1	37.2	55.8

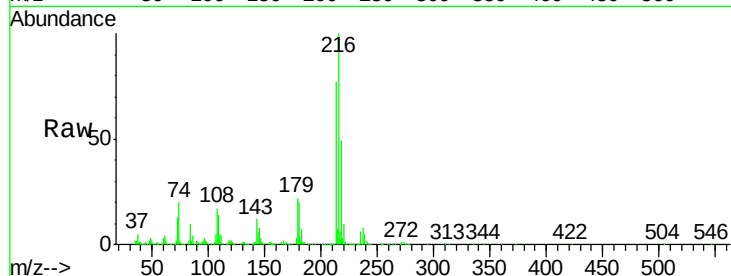




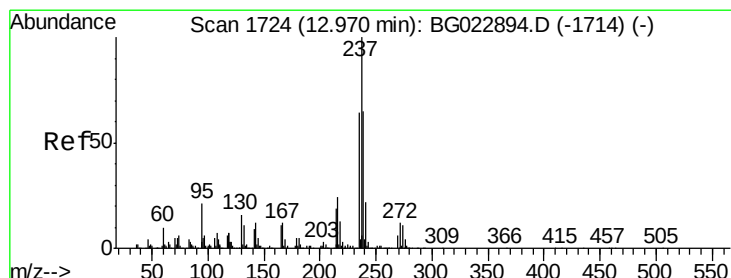
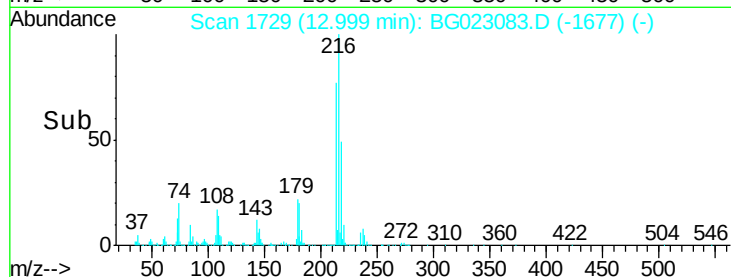
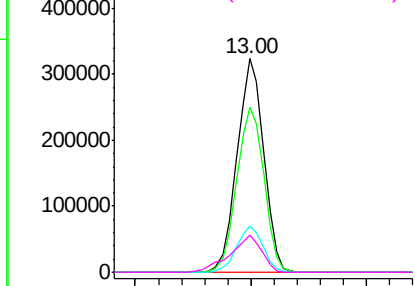
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.72 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Tot Ion:216	Resp:	514479
Ion Ratio	Lower	Upper
216	100	
214	78.8	62.9 94.3
179	21.3	17.2 25.8
108	20.3	16.3 24.5

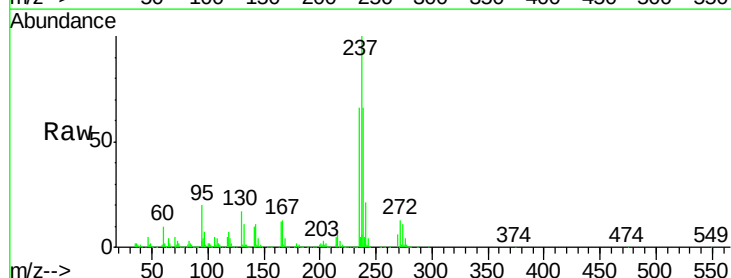


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

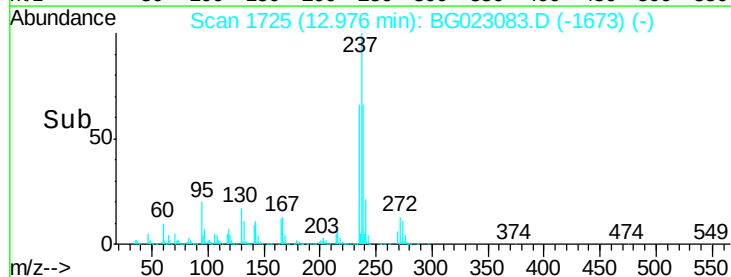
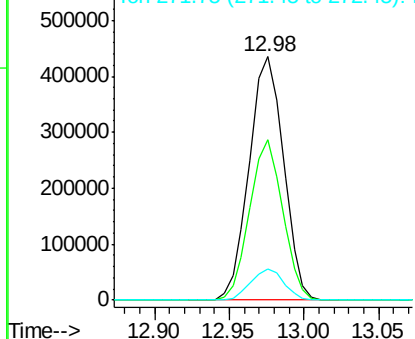


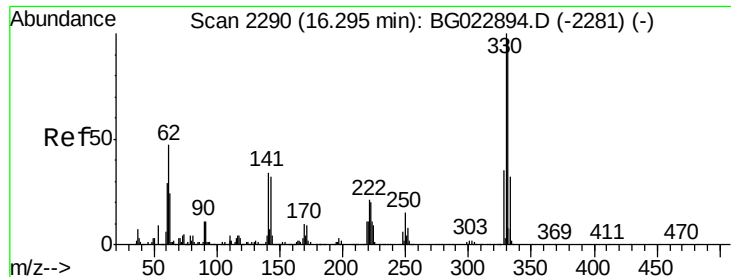
#40
 Hexachlorocyclopentadiene
 Concen: 83.48 ng
 RT: 12.98 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:237	Resp:	692099
Ion Ratio	Lower	Upper
237	100	
235	66.0	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

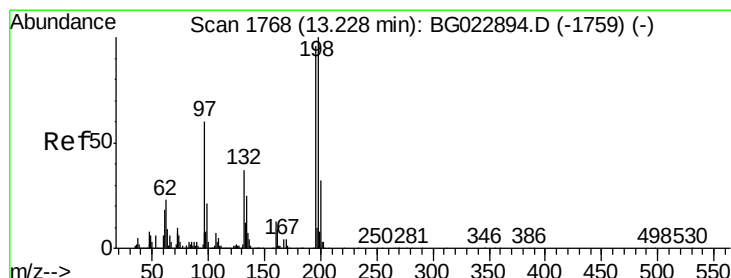
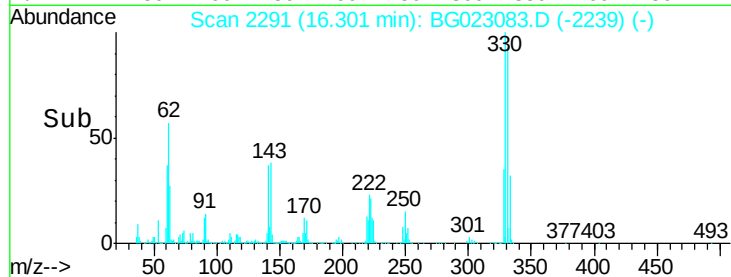
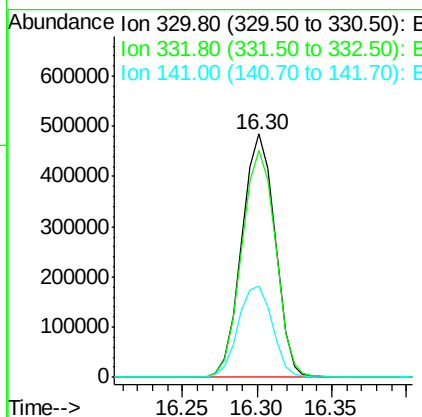
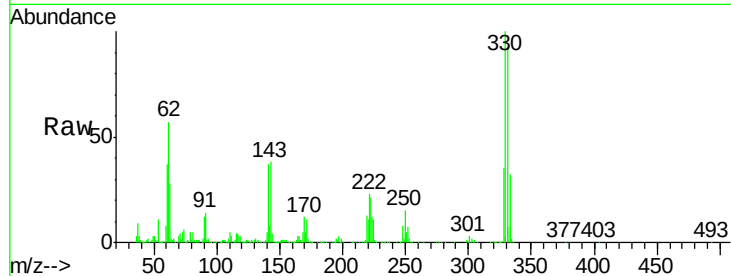




#41
 2,4,6-Tribromophenol
 Concen: 124.88 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

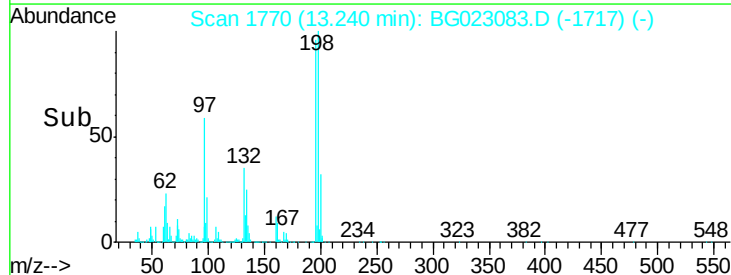
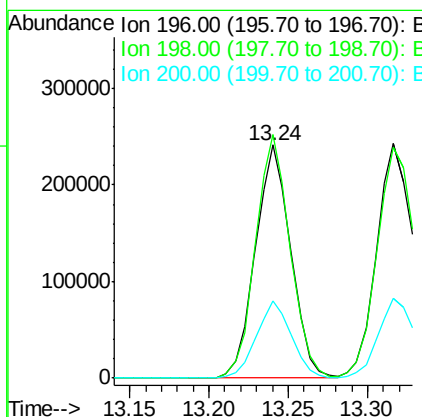
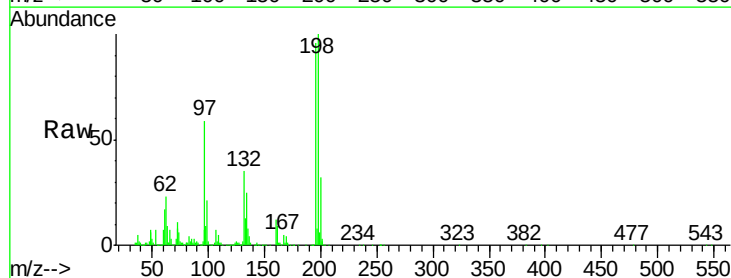
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

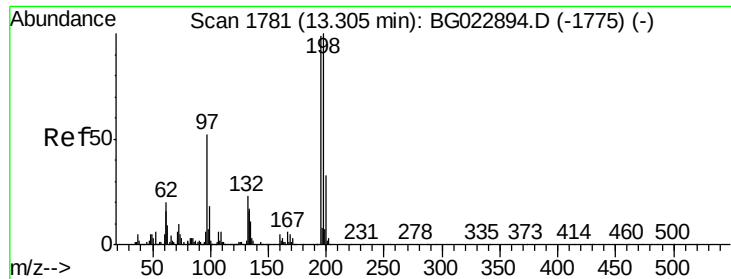
Tot Ion:330 Resp: 750003
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.0 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 45.23 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:196 Resp: 374395
 Ion Ratio Lower Upper
 196 100
 198 104.4 78.2 117.2
 200 33.4 27.0 40.4

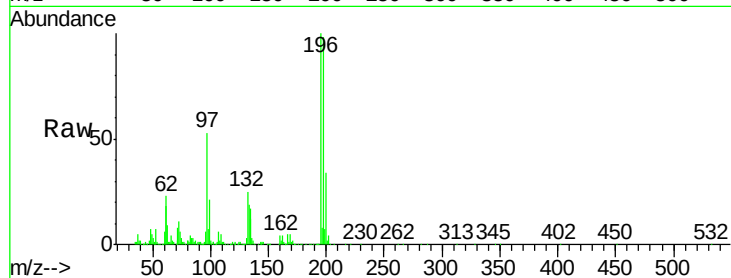




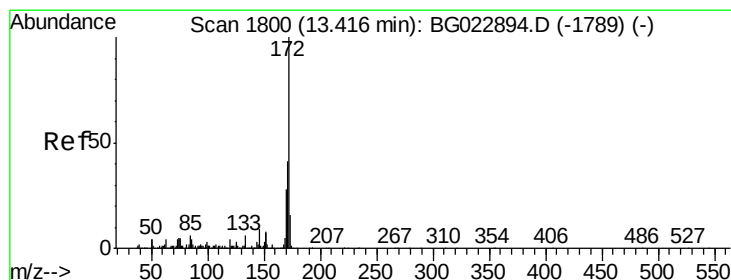
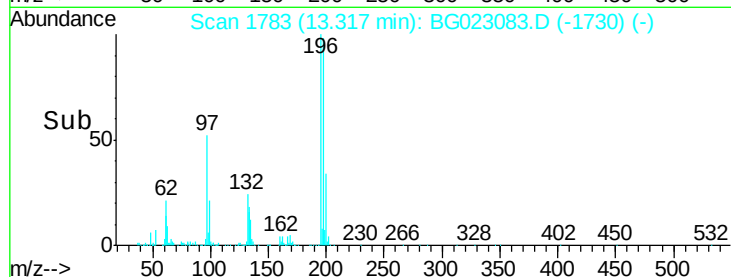
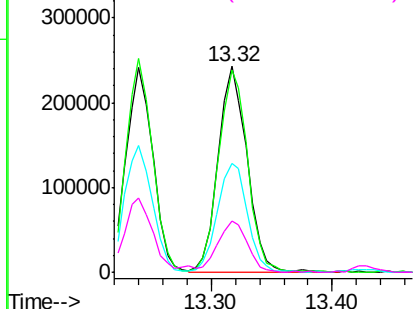
#43
 2,4,5-Trichlorophenol
 Concen: 47.19 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Tot Ion:	196	Resp:	401152
Ion	Ratio	Lower	Upper
196	100		
198	98.4	85.7	128.5
97	53.0	45.5	68.3
132	24.9	18.9	28.3

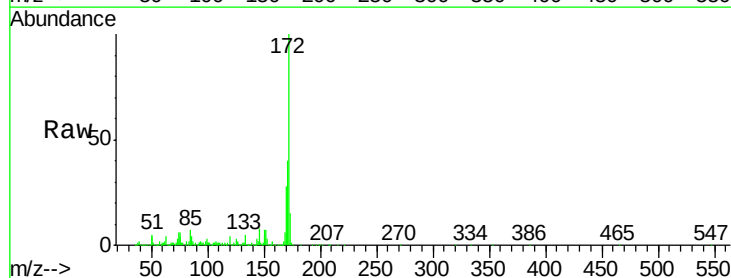


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

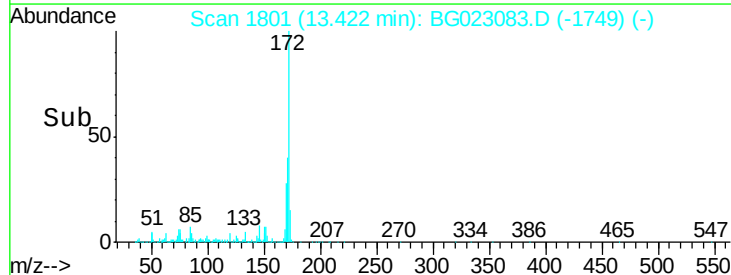
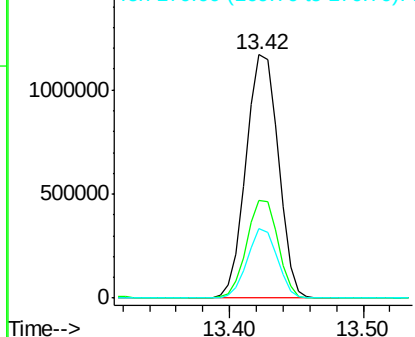


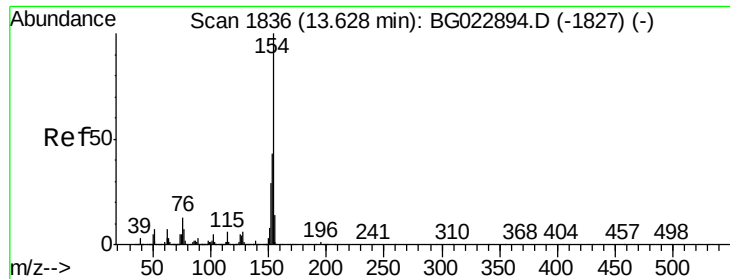
#44
 2-Fluorobiphenyl
 Concen: 92.10 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:	172	Resp:	1953952
Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	28.4	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

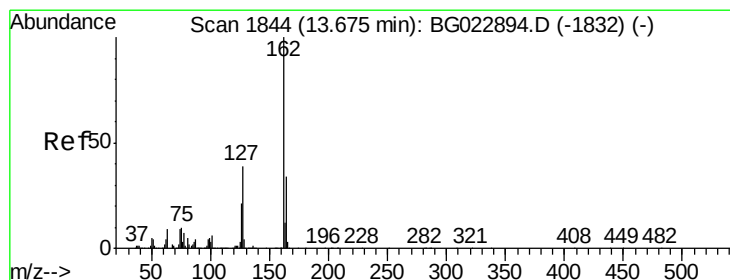
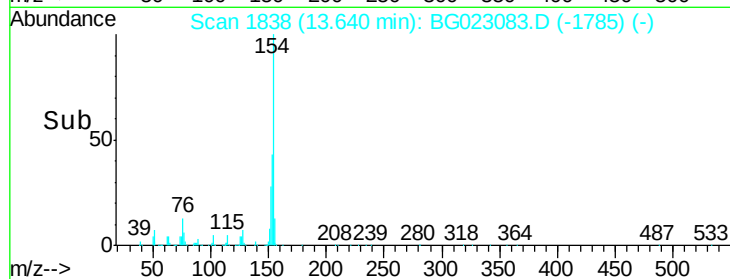
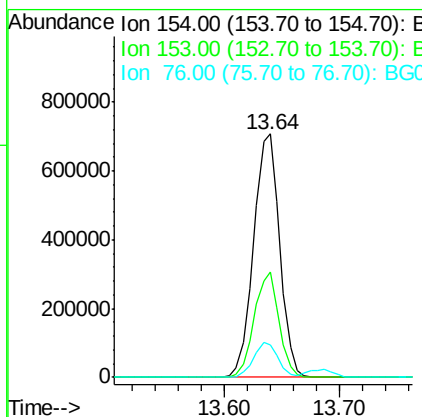
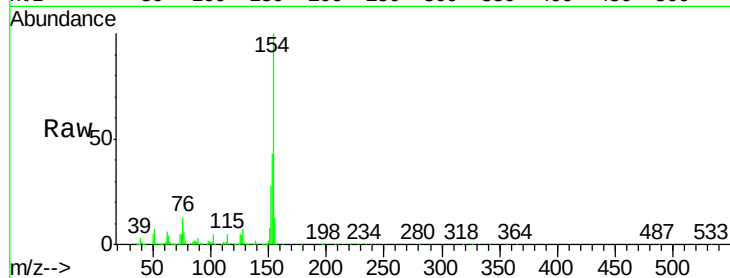




#45
 1,1'-Biphenyl
 Concen: 44.43 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

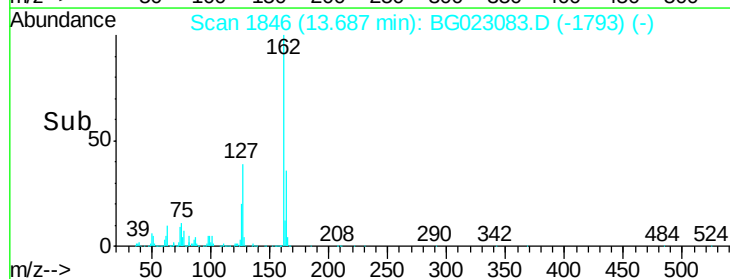
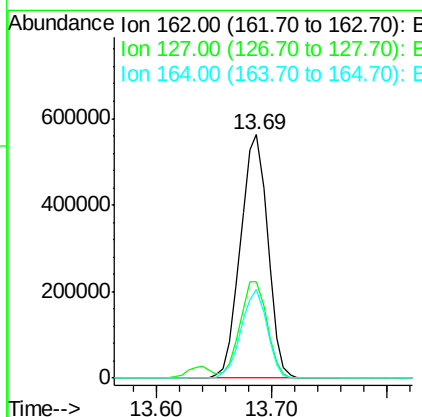
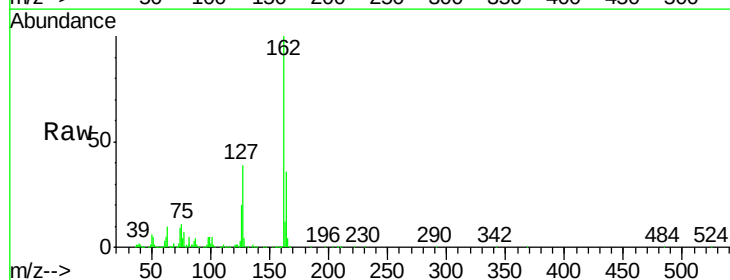
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

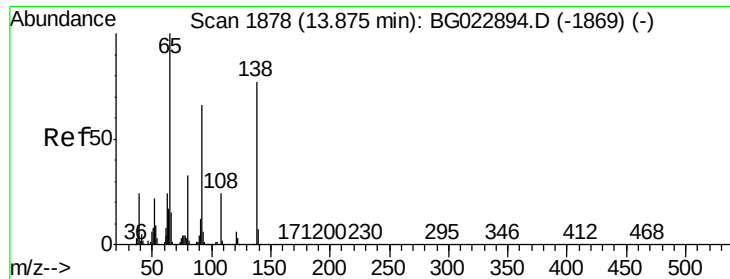
Tot Ion:154 Resp: 1114076
 Ion Ratio Lower Upper
 154 100
 153 43.1 20.2 60.2
 76 13.5 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 45.45 ng
 RT: 13.69 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:162 Resp: 924398
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.4 48.6
 164 36.4 25.2 37.8

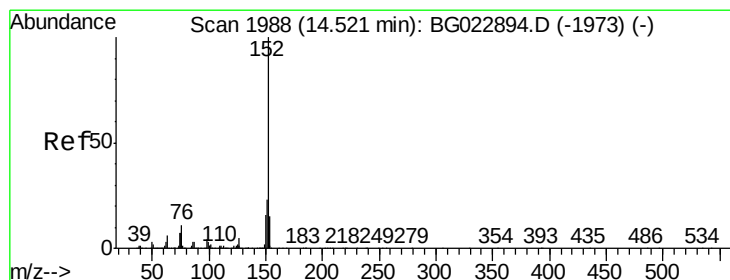
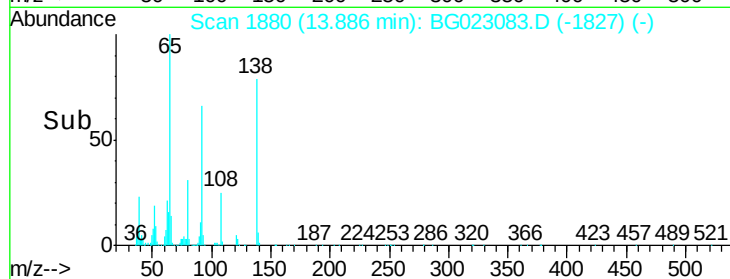
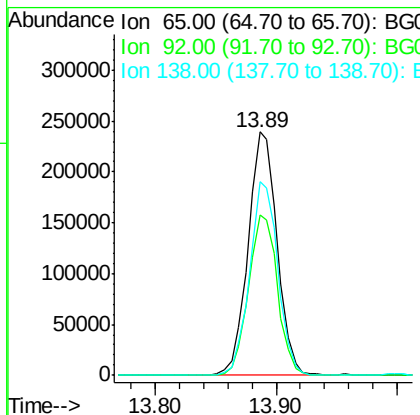
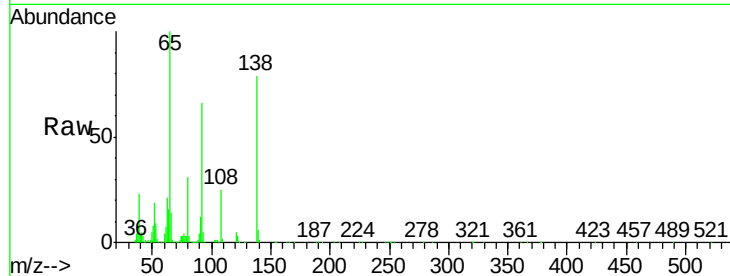




#47
2-Nitroaniline
Concen: 46.07 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

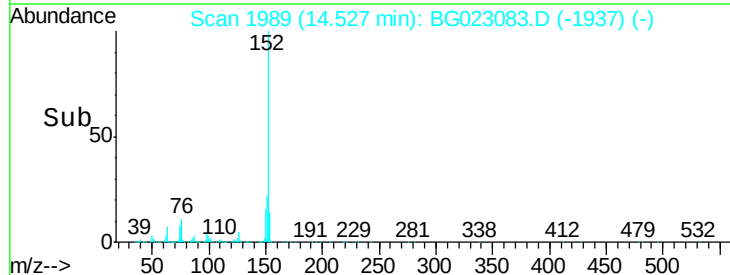
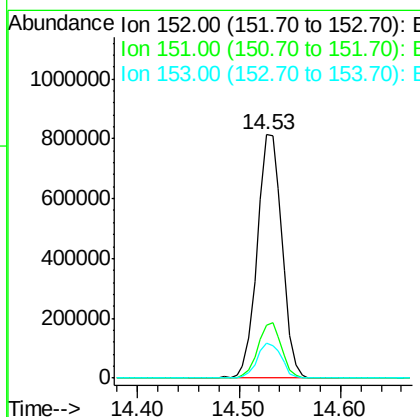
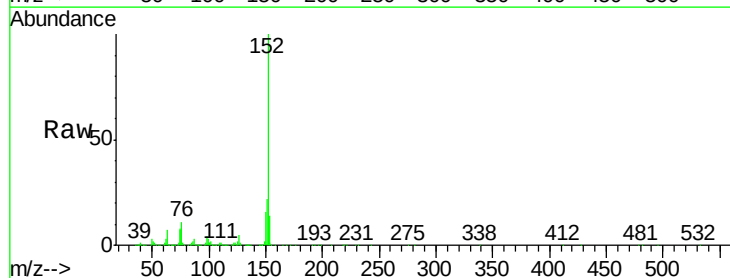
Instrument :
BNA_G
ClientSampleId :
PB92058BS

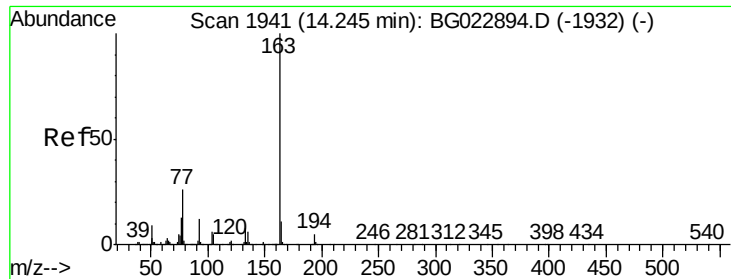
Tot Ion: 65 Resp: 399865
Ion Ratio Lower Upper
65 100
92 66.1 49.4 74.0
138 79.4 58.0 87.0



#48
Acenaphthylene
Concen: 45.48 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion: 152 Resp: 1387631
Ion Ratio Lower Upper
152 100
151 22.0 17.6 26.4
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 45.60 ng

RT: 14.26 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

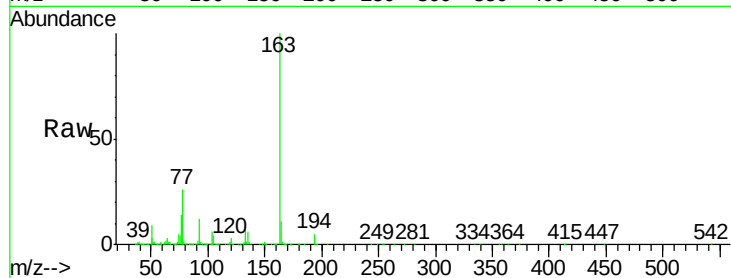
Tot Ion:163 Resp: 1244869

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

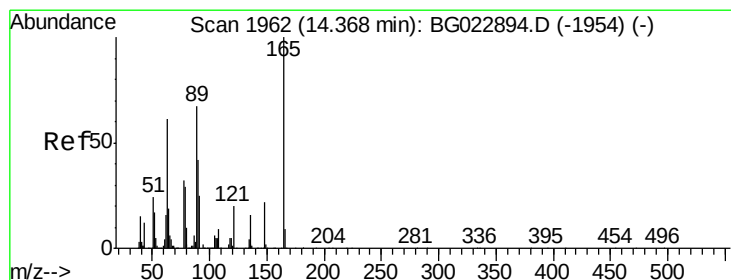
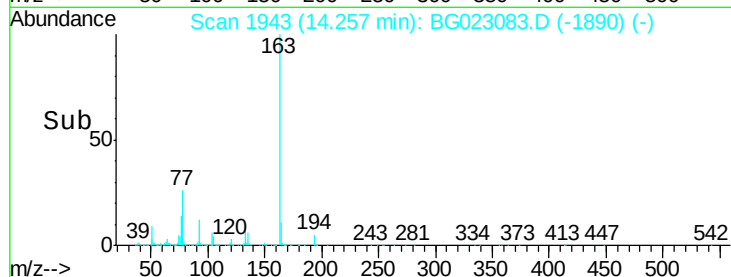
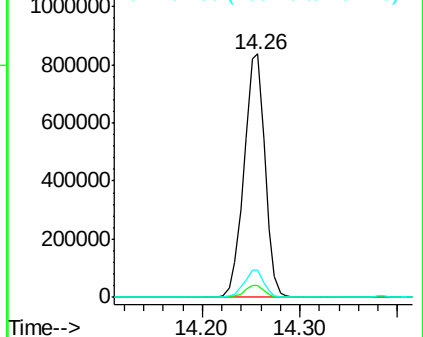
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.31 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

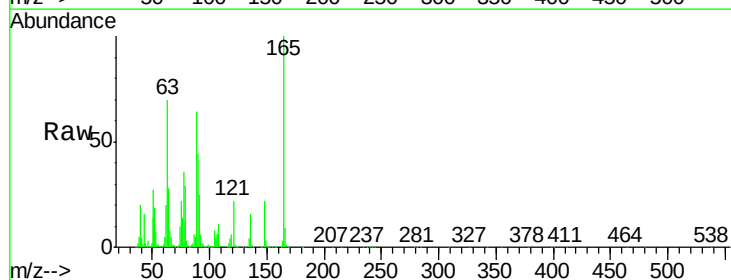
Tgt Ion:165 Resp: 290270

Ion Ratio Lower Upper

165 100

63 70.2 64.3 96.5

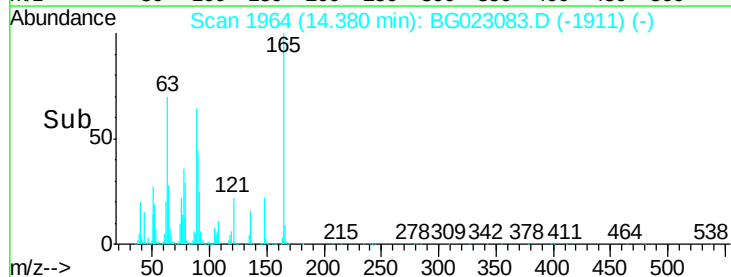
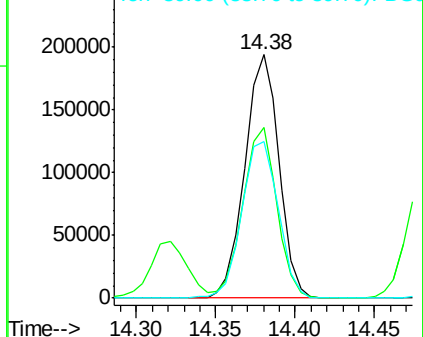
89 64.3 64.3 96.5

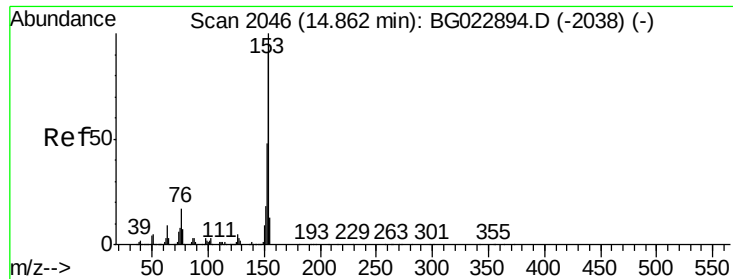


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.42 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

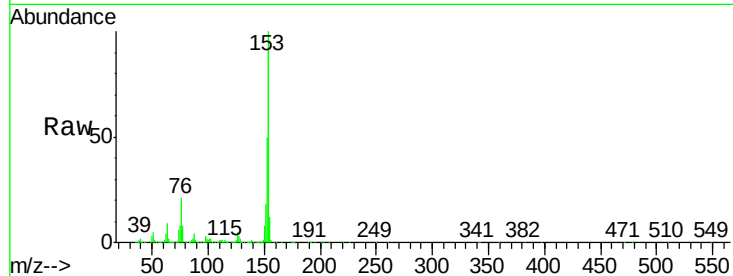
Tot Ion:154 Resp: 905651

Ion Ratio Lower Upper

154 100

153 107.7 87.5 131.3

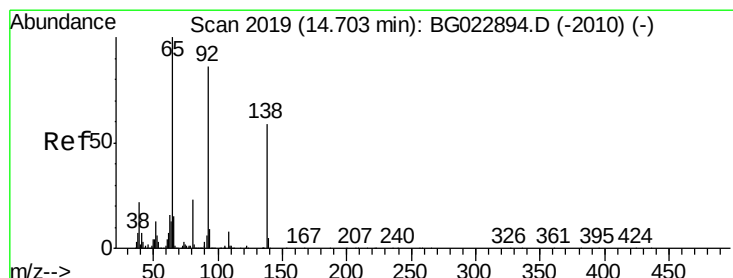
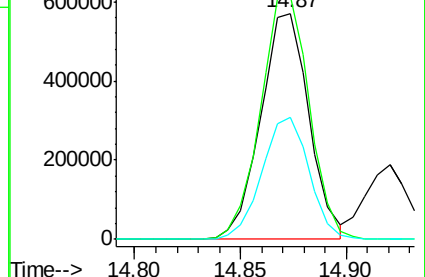
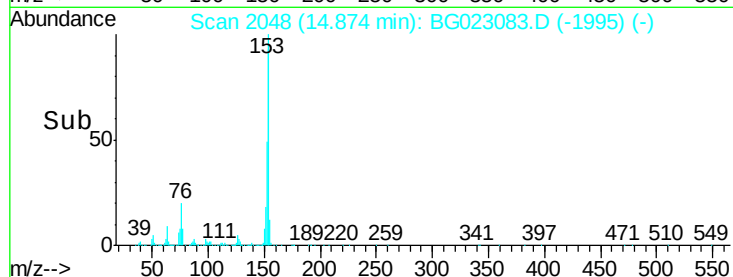
152 54.3 42.7 64.1



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: 21.16 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

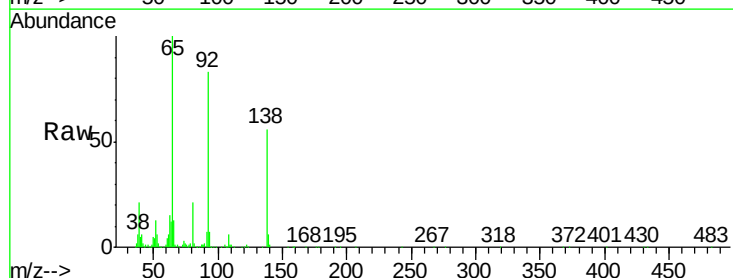
Tgt Ion:138 Resp: 129427

Ion Ratio Lower Upper

138 100

108 10.9 11.7 17.5#

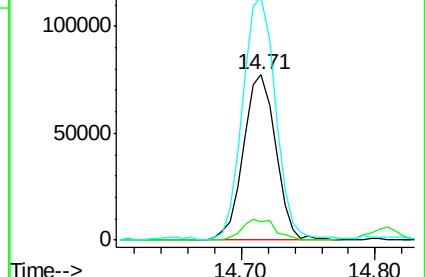
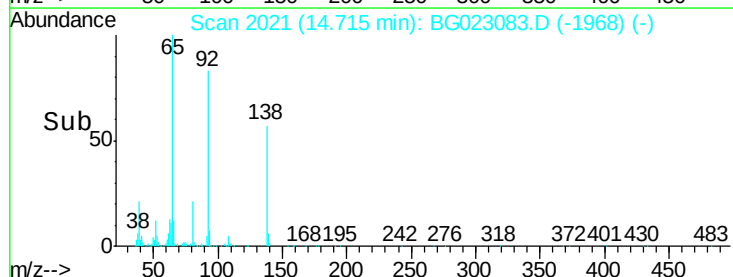
92 147.3 129.7 194.5

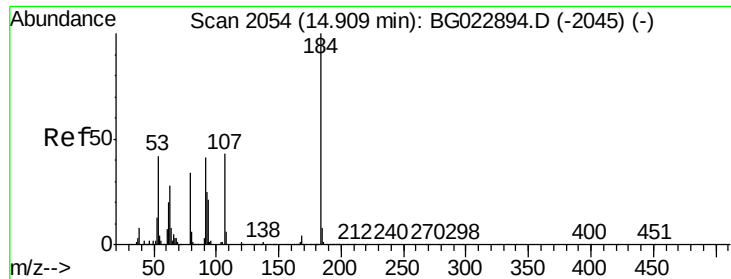


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

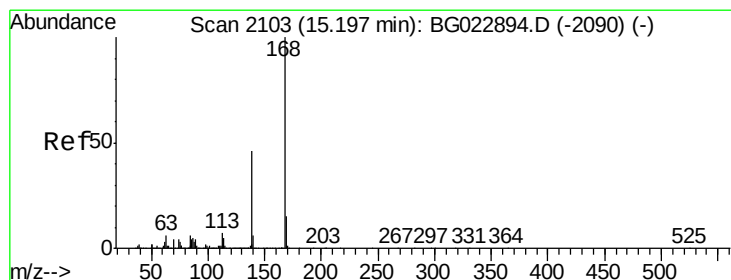
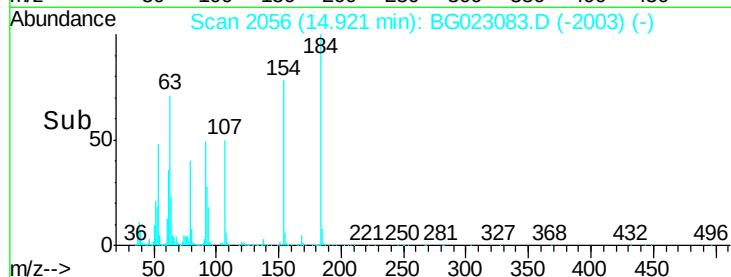
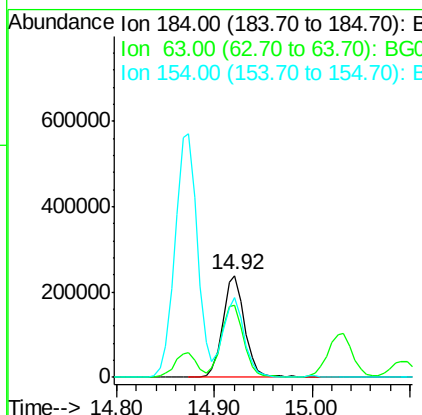
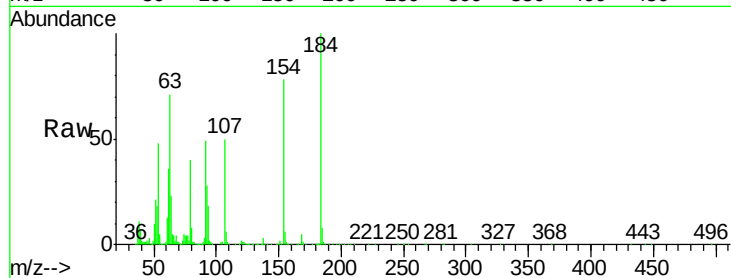




#53
2,4-Dinitrophenol
Concen: 88.31 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

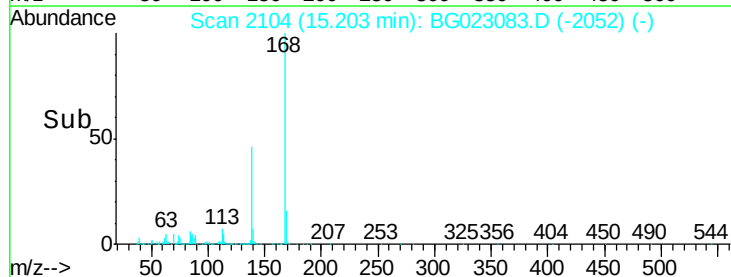
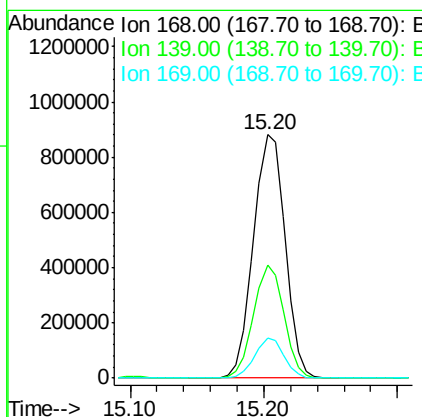
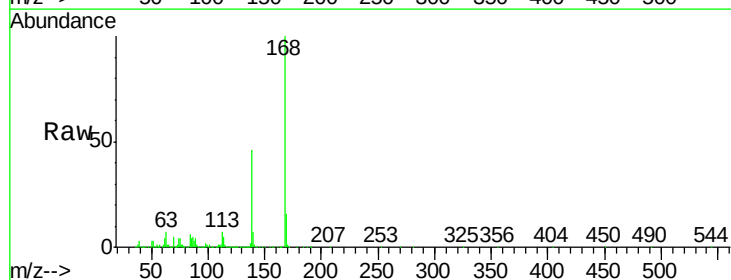
Instrument :
BNA_G
ClientSampleId :
PB92058BS

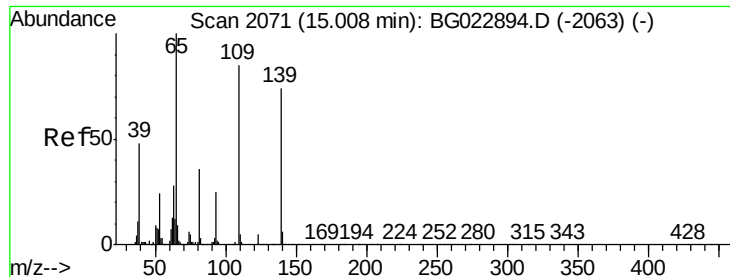
Tot Ion:184 Resp: 371729
Ion Ratio Lower Upper
184 100
63 70.6 59.6 89.4
154 78.4 67.4 101.0



#54
Dibenzofuran
Concen: 48.26 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion:168 Resp: 1440235
Ion Ratio Lower Upper
168 100
139 46.3 36.4 54.6
169 16.4 11.9 17.9

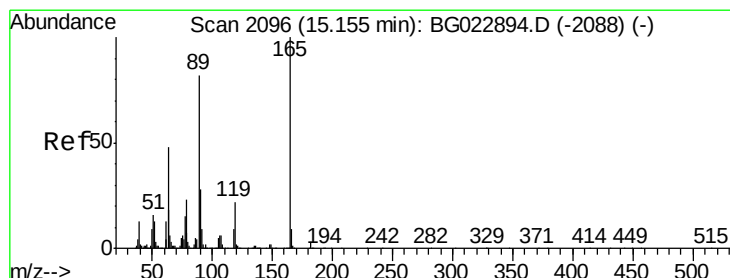
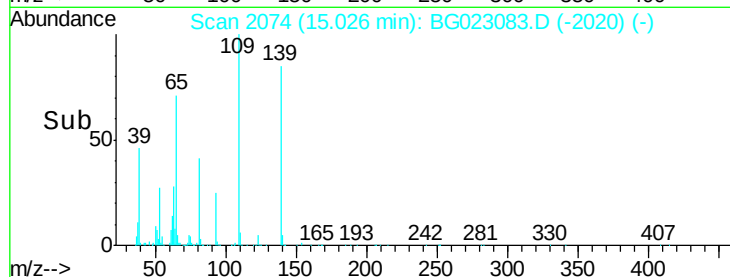
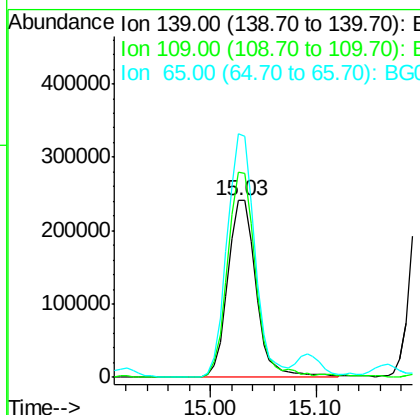
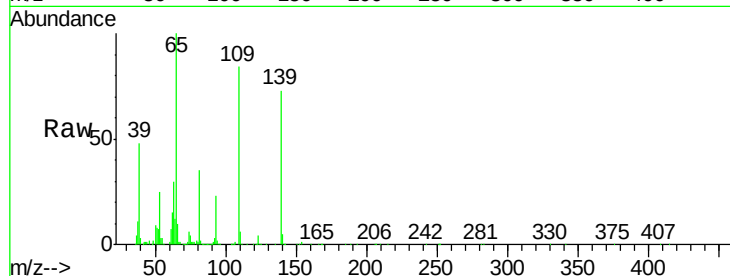




#55
4-Nitrophenol
Concen: 87.56 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

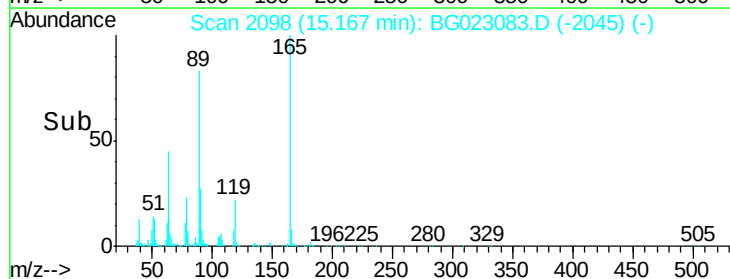
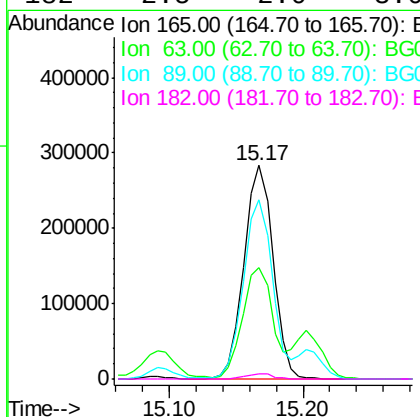
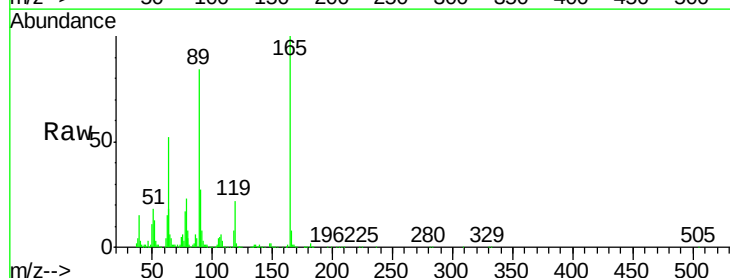
Instrument :
BNA_G
ClientSampleId :
PB92058BS

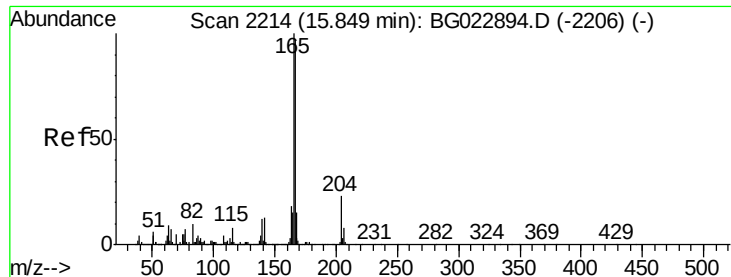
Tot Ion:139 Resp: 448968
Ion Ratio Lower Upper
139 100
109 115.8 103.0 143.0
65 137.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 47.60 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion:165 Resp: 425737
Ion Ratio Lower Upper
165 100
63 52.0 45.8 68.6
89 83.9 68.6 102.8
182 2.5 2.0 3.0

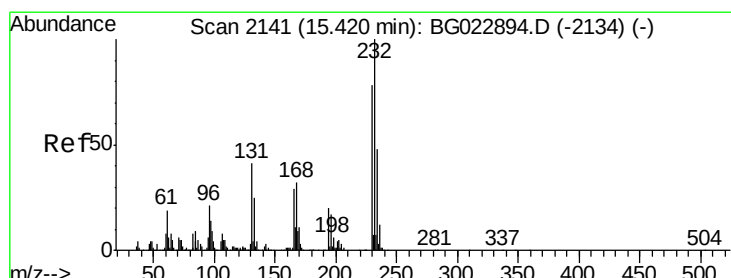
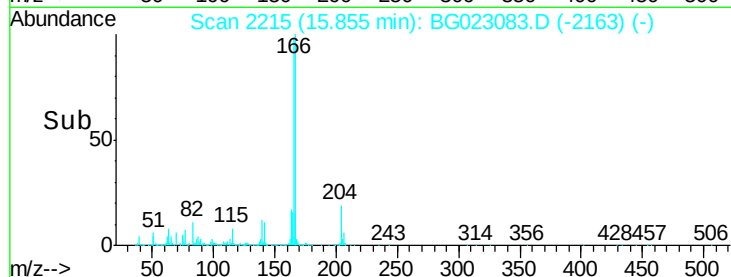
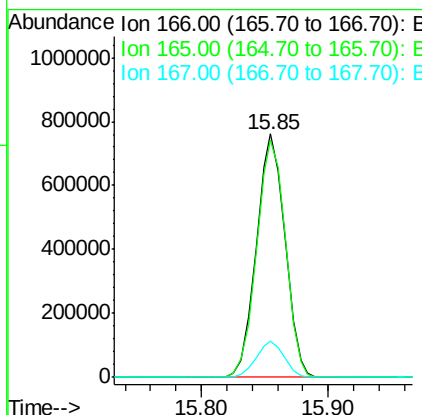
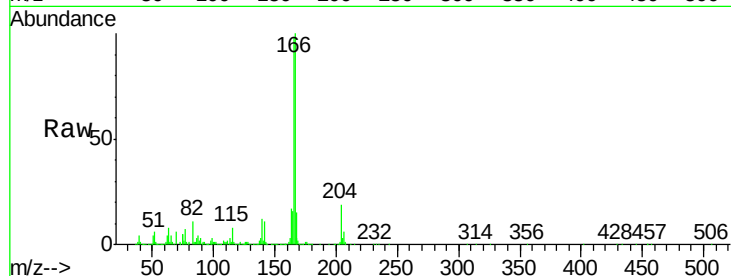




#57
 Fluorene
 Concen: 46.54 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

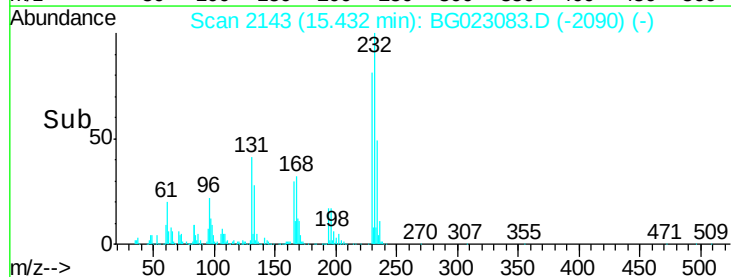
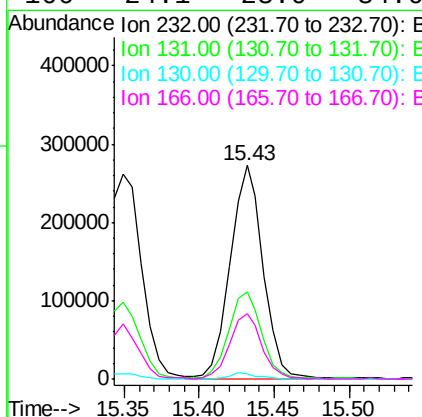
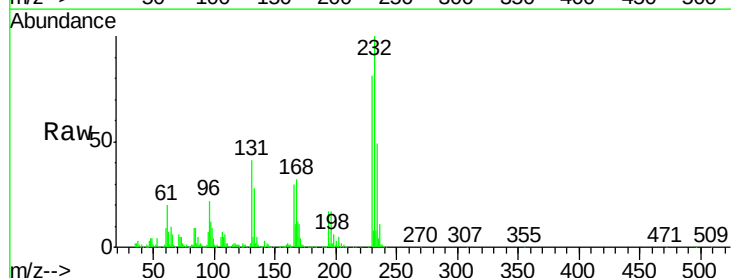
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

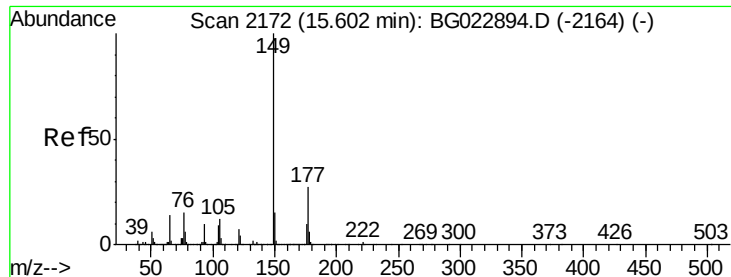
Tot Ion:166 Resp: 1195352
 Ion Ratio Lower Upper
 166 100
 165 97.6 81.0 121.6
 167 14.9 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.80 ng m
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:232 Resp: 423508
 Ion Ratio Lower Upper
 232 100
 131 36.7 32.7 49.1
 130 2.8 2.6 3.8
 166 24.1 23.0 34.6





#59

Diethylphthalate

Concen: 47.63 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampled :

PB92058BS

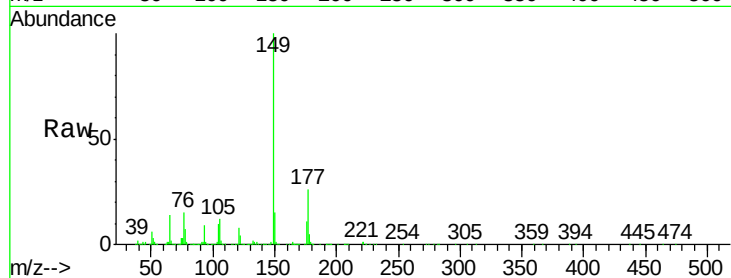
Tot Ion:149 Resp: 1323016

Ion Ratio Lower Upper

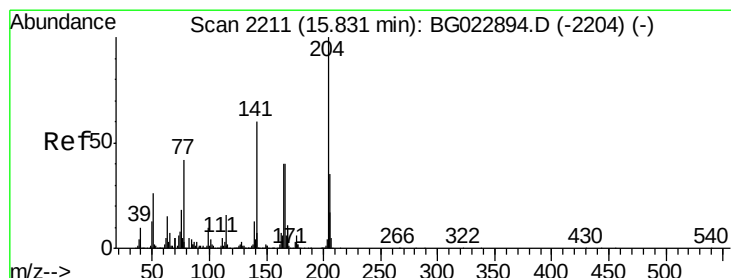
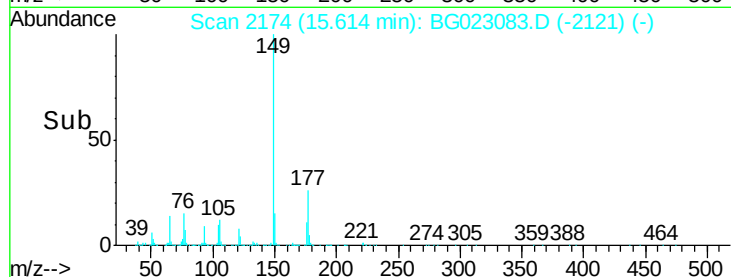
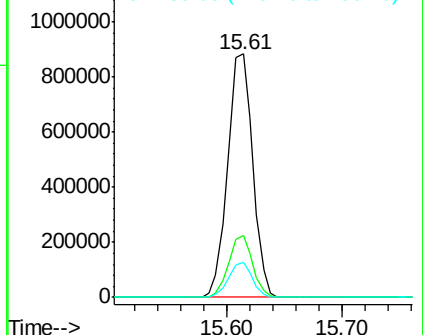
149 100

177 25.6 19.2 28.8

150 14.6 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: 43.90 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

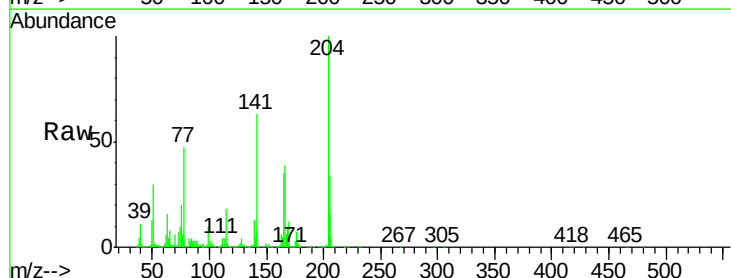
Tgt Ion:204 Resp: 686846

Ion Ratio Lower Upper

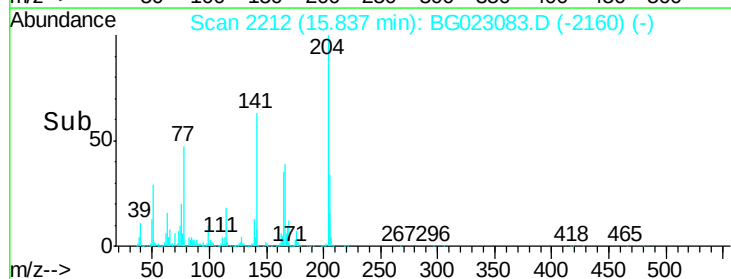
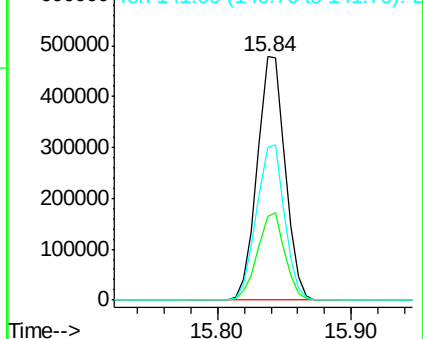
204 100

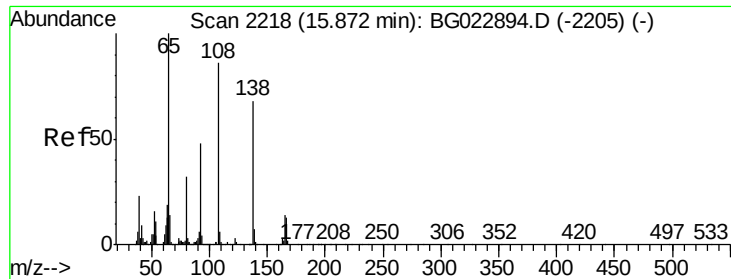
206 34.4 28.5 42.7

141 62.9 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

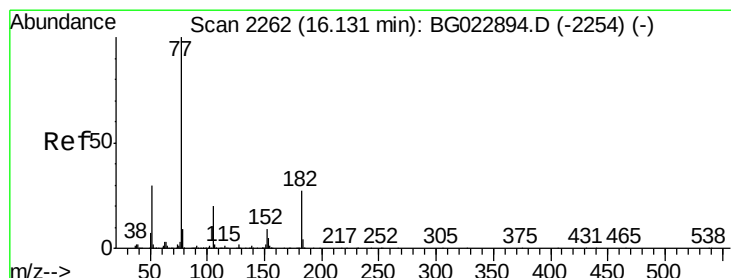
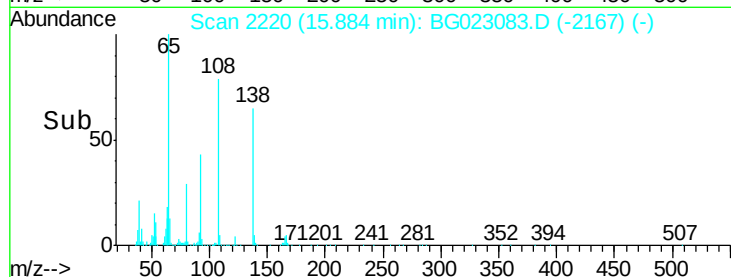
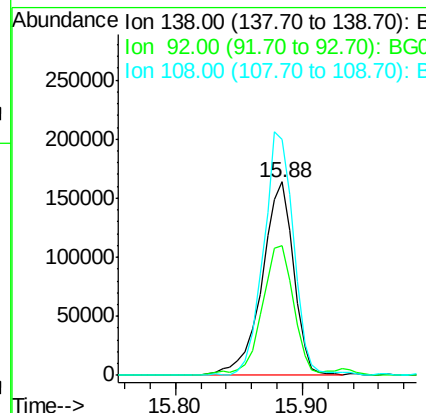
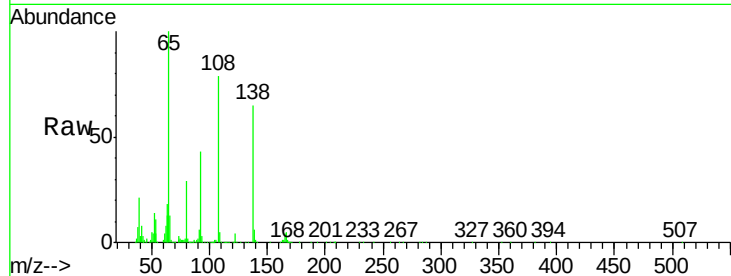




#61
4-Nitroaniline
Concen: 43.23 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

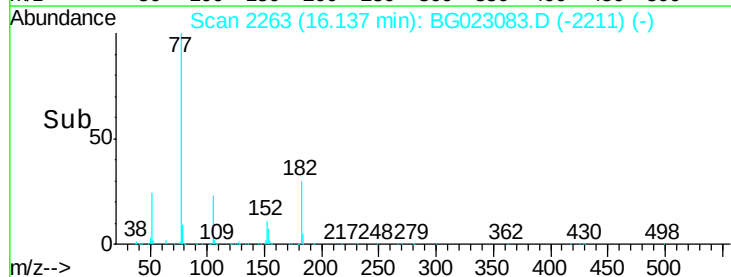
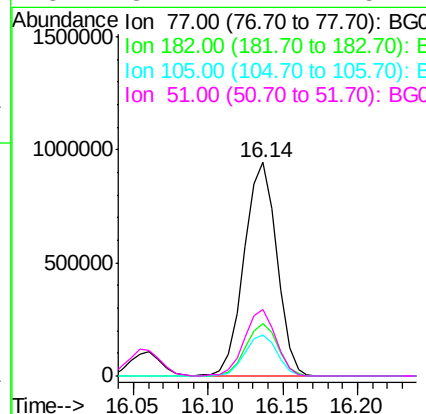
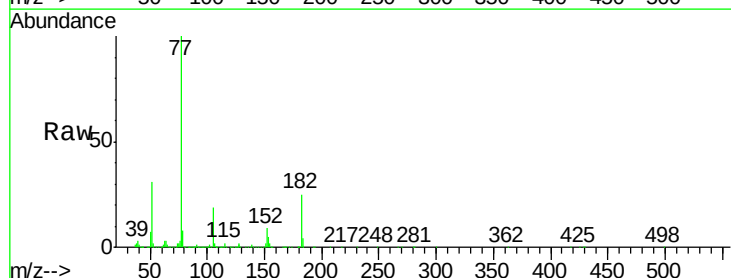
Instrument :
BNA_G
ClientSampleId :
PB92058BS

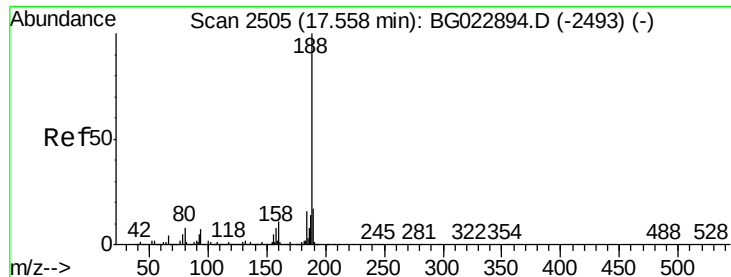
Tot Ion:138 Resp: 286177
Ion Ratio Lower Upper
138 100
92 66.9 54.1 94.1
108 121.6 133.9 173.9#



#62
Azobenzene
Concen: 53.68 ng
RT: 16.14 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion: 77 Resp: 1426010
Ion Ratio Lower Upper
77 100
182 24.8 3.5 43.5
105 19.4 0.0 38.5
51 31.2 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

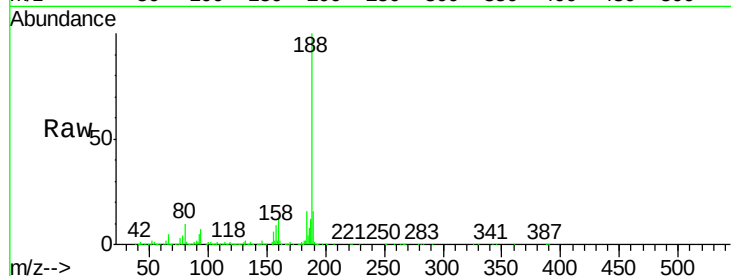
Tot Ion:188 Resp: 833332

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

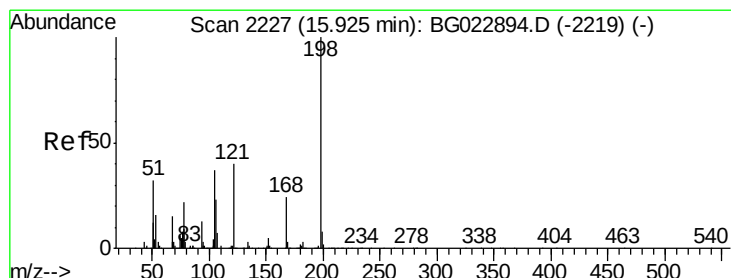
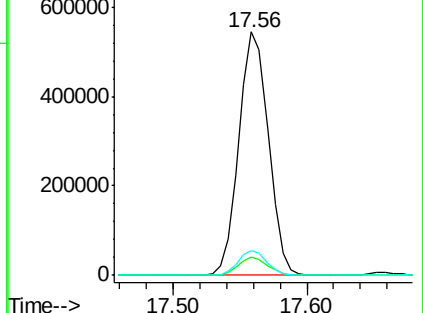
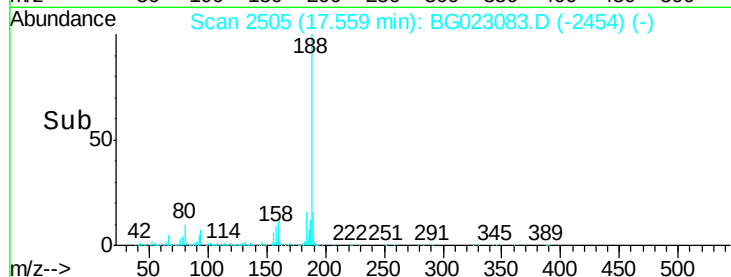
80 10.3 7.2 10.8



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: 44.15 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

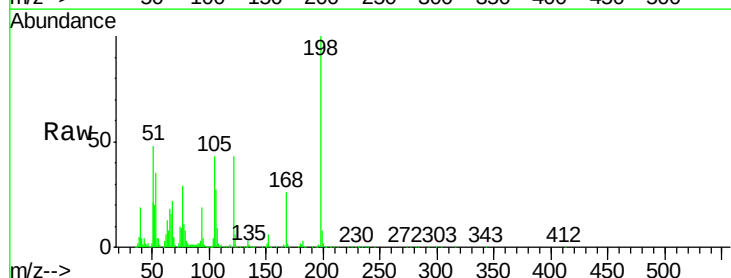
Tgt Ion:198 Resp: 273467

Ion Ratio Lower Upper

198 100

51 48.0 26.0 66.0

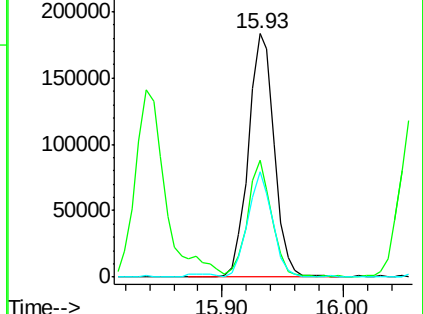
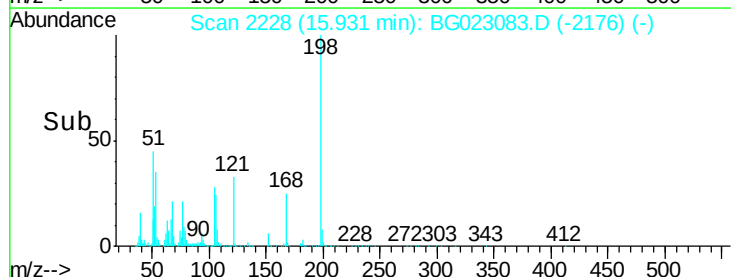
105 43.5 20.1 60.1

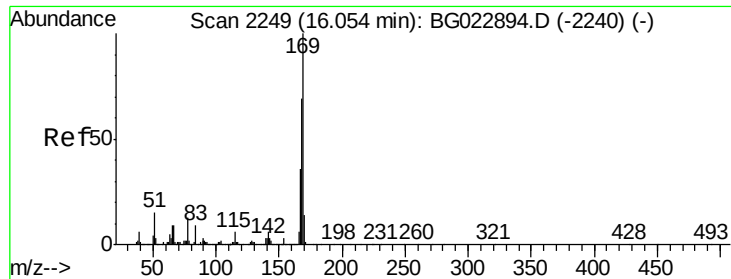


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

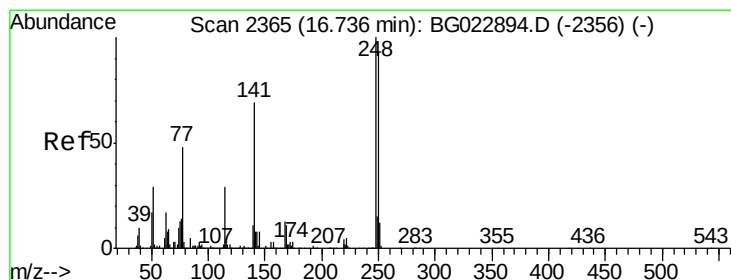
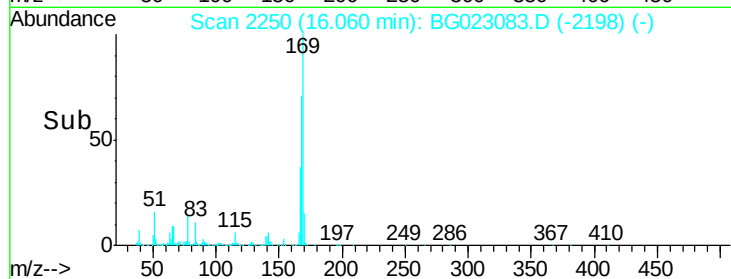
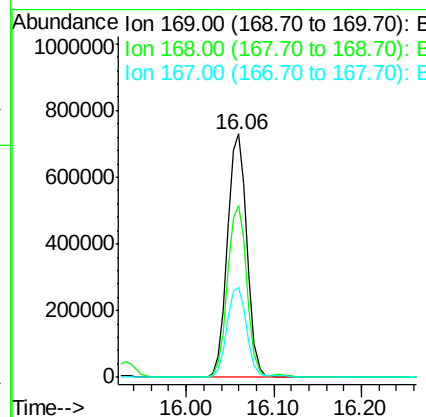
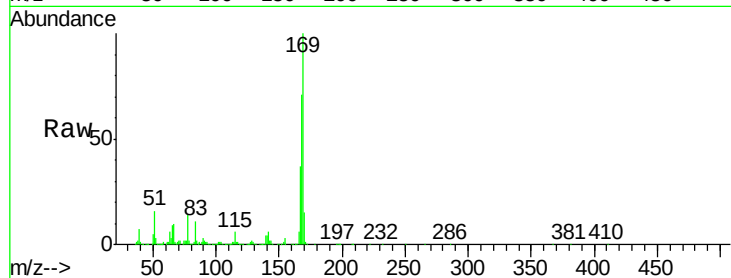




#65
 n-Nitrosodiphenylamine
 Concen: 46.75 ng
 RT: 16.06 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

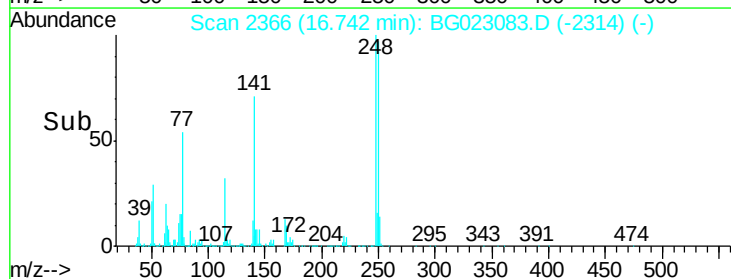
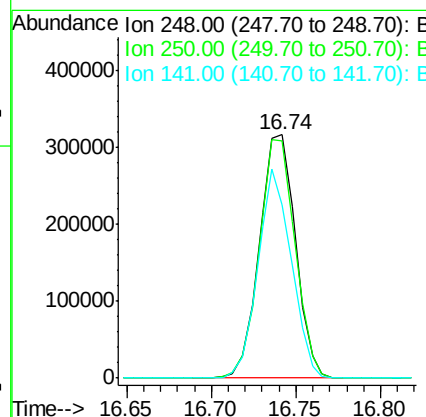
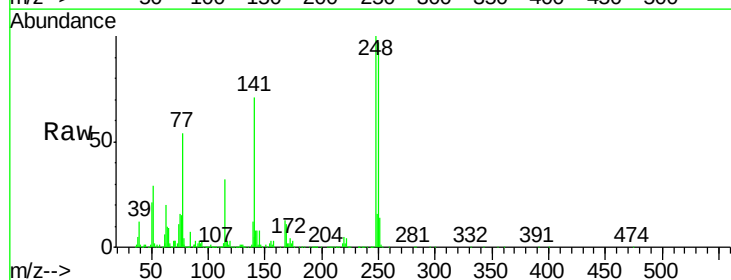
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

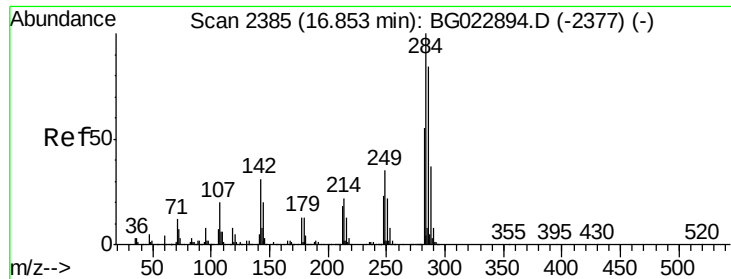
Tot Ion:169 Resp: 1122388
 Ion Ratio Lower Upper
 169 100
 168 70.6 55.0 82.4
 167 37.2 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.14 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:248 Resp: 467775
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.8 116.8
 141 71.4 65.7 98.5





#67

Hexachlorobenzene

Concen: 42.26 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

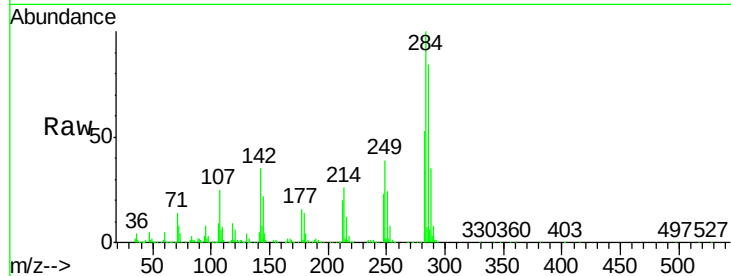
Tot Ion:284 Resp: 498220

Ion Ratio Lower Upper

284 100

142 35.0 26.8 40.2

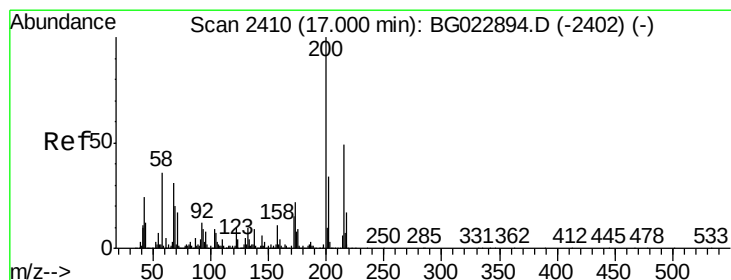
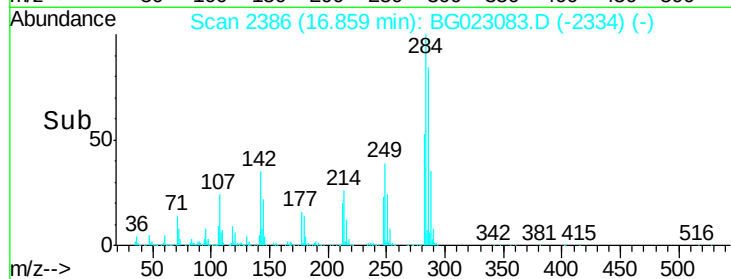
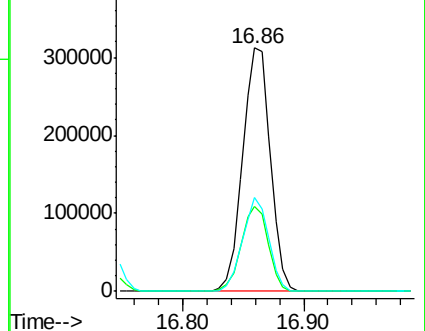
249 38.7 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.12 ng

RT: 17.01 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

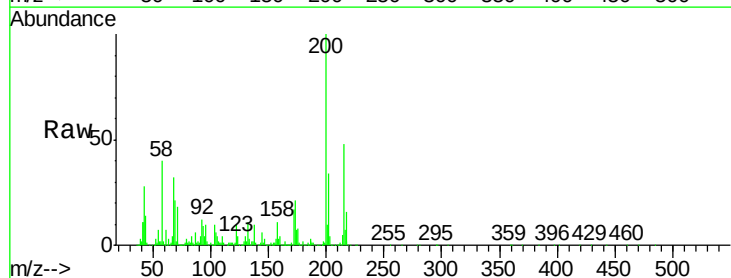
Tgt Ion:200 Resp: 480535

Ion Ratio Lower Upper

200 100

173 21.0 1.6 41.6

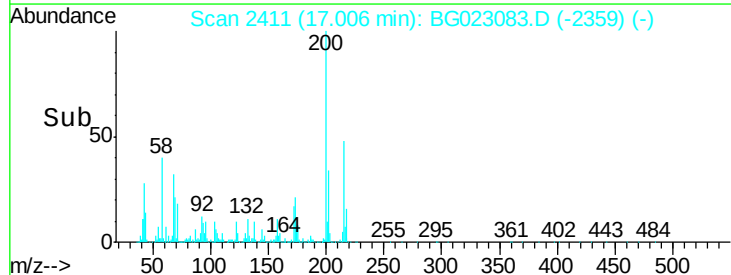
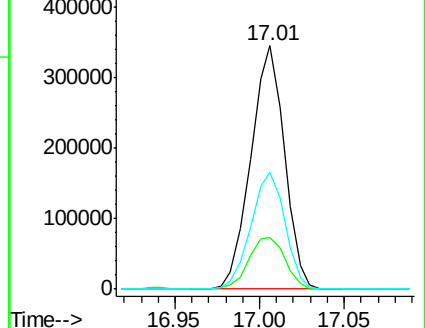
215 48.2 28.7 68.7

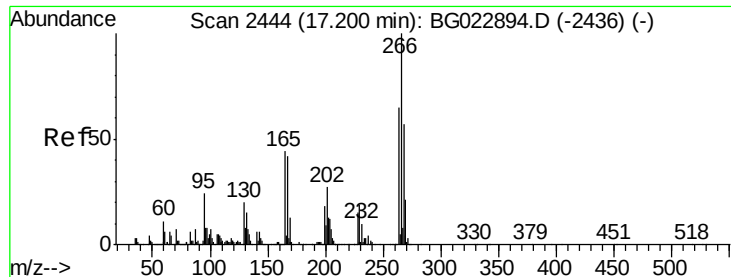


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

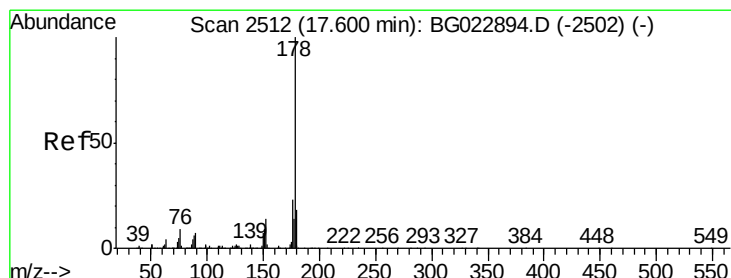
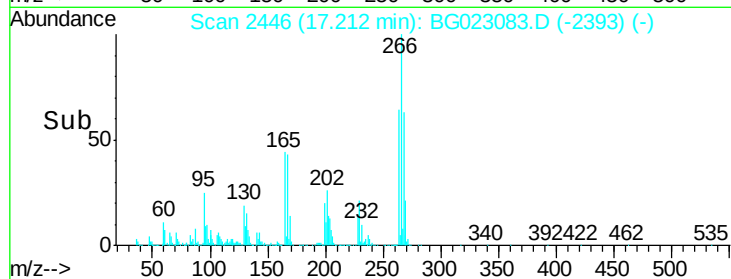
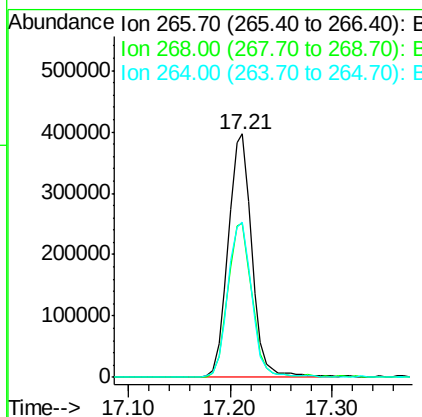
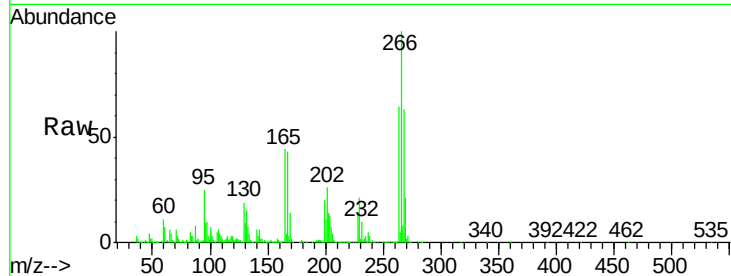




#69
 Pentachlorophenol
 Concen: 84.40 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

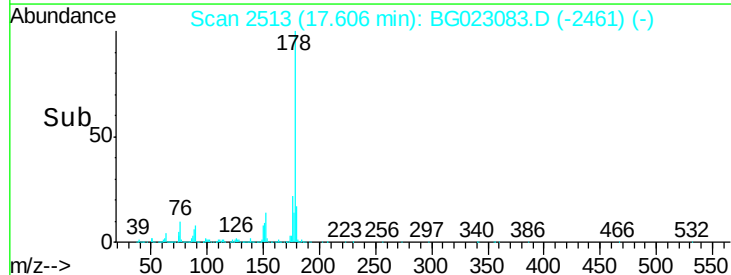
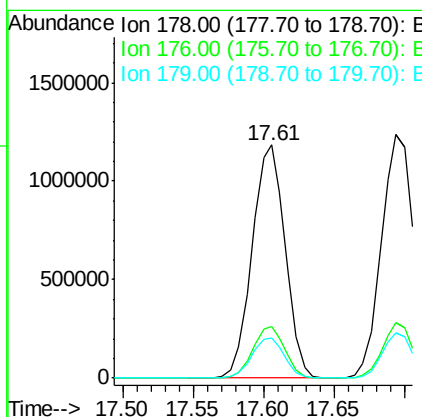
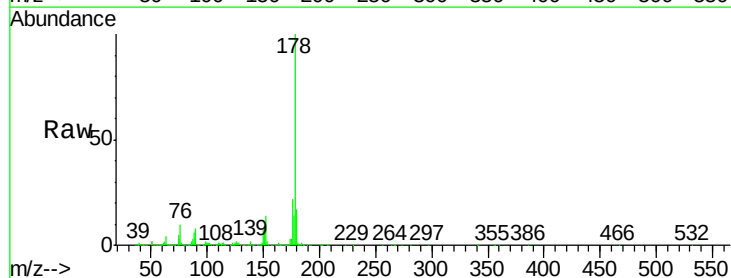
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

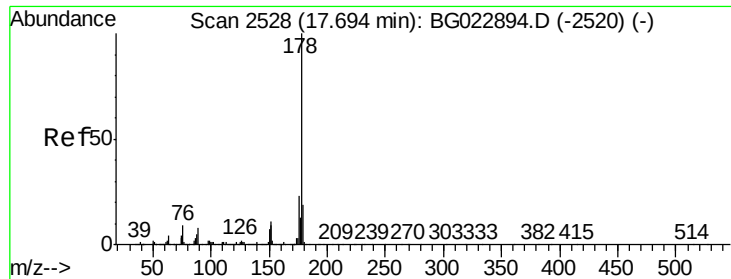
Tot Ion:266 Resp: 644327
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.9 77.9
 264 63.6 50.6 75.8



#70
 Phenanthrene
 Concen: 47.52 ng
 RT: 17.61 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:178 Resp: 1940742
 Ion Ratio Lower Upper
 178 100
 176 22.4 16.8 25.2
 179 17.2 14.3 21.5

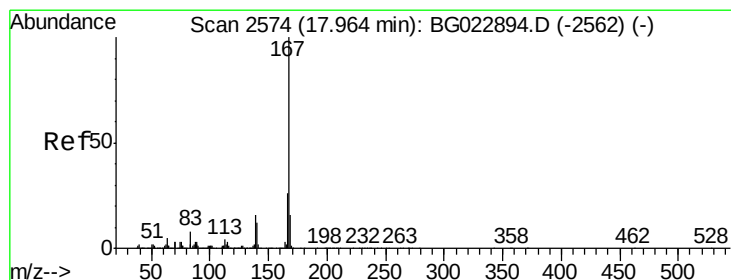
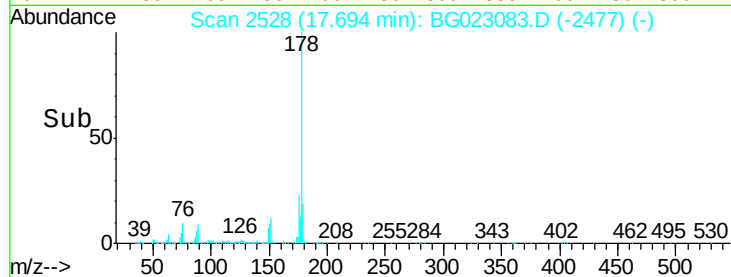
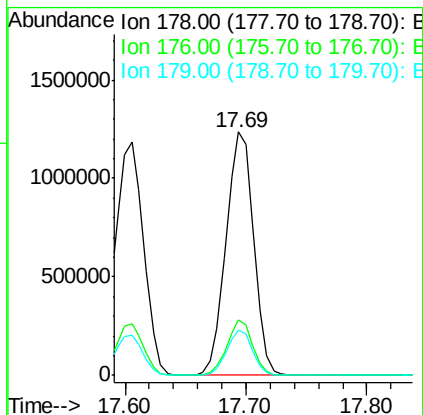
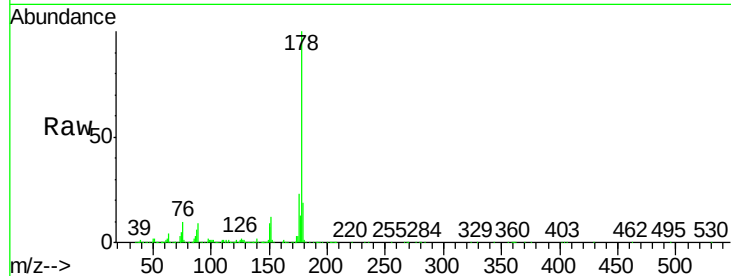




#71
 Anthracene
 Concen: 47.40 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

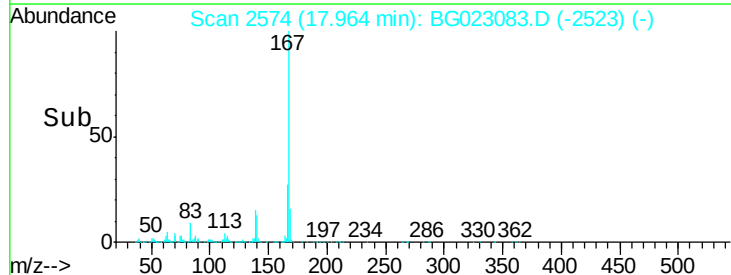
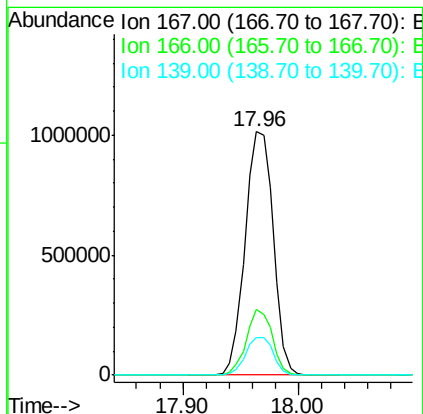
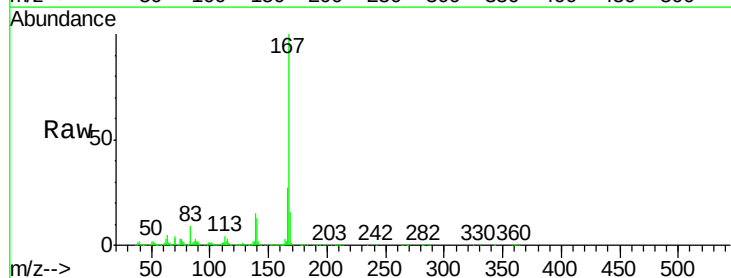
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

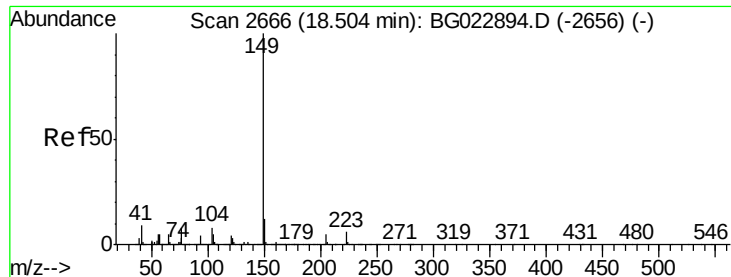
Tot Ion:178 Resp: 1960358
 Ion Ratio Lower Upper
 178 100
 176 22.5 17.3 25.9
 179 18.6 14.0 21.0



#72
 Carbazole
 Concen: 48.33 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:167 Resp: 1727059
 Ion Ratio Lower Upper
 167 100
 166 27.0 20.7 31.1
 139 15.3 11.9 17.9





#73

Di-n-butylphthalate

Concen: 51.56 ng

RT: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

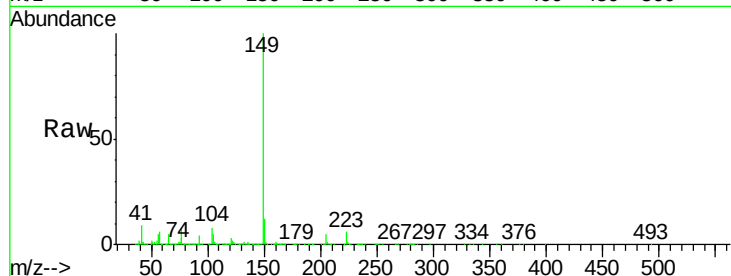
Tot Ion:149 Resp: 2048958

Ion Ratio Lower Upper

149 100

150 12.1 9.1 13.7

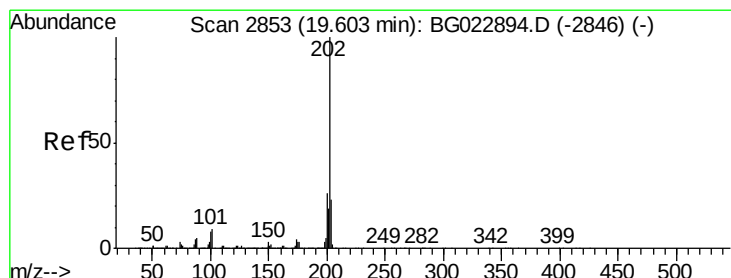
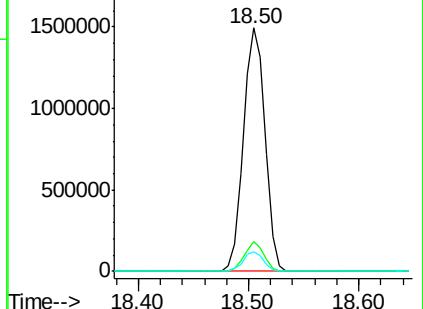
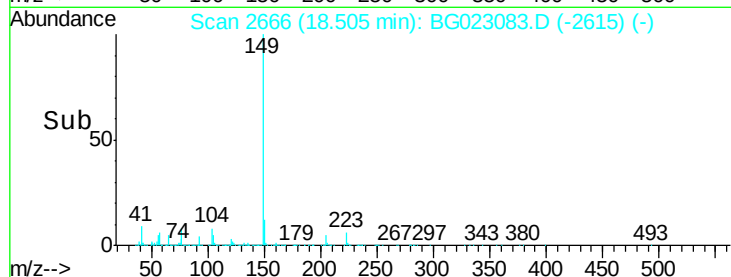
104 8.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.78 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

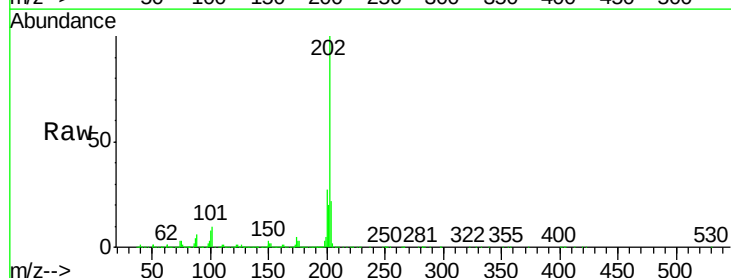
Tgt Ion:202 Resp: 2244145

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.4

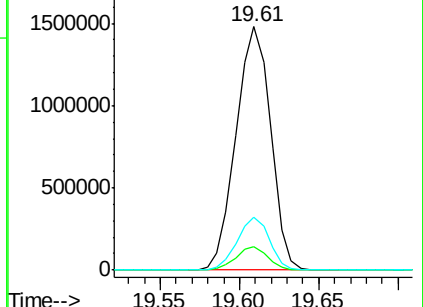
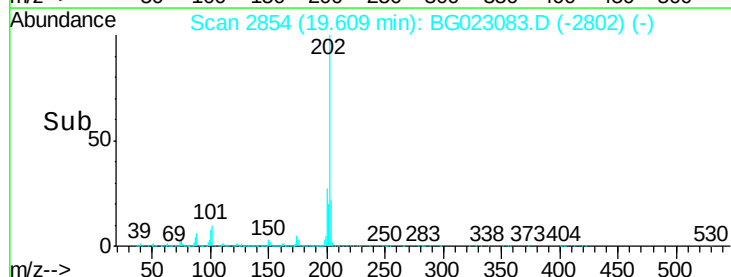
203 21.6 1.7 41.7

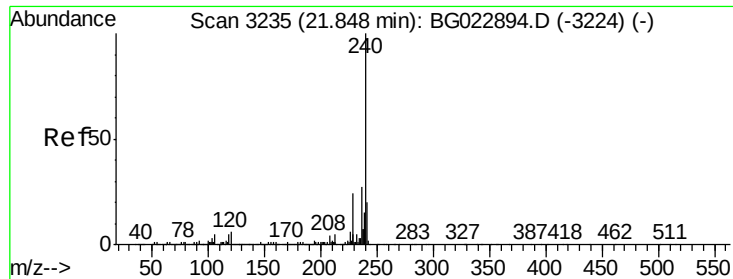


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

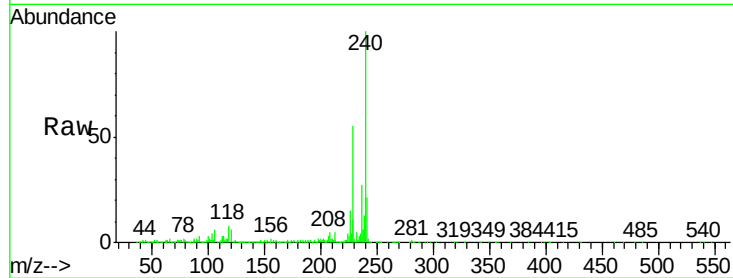
Tot Ion:240 Resp: 879195

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

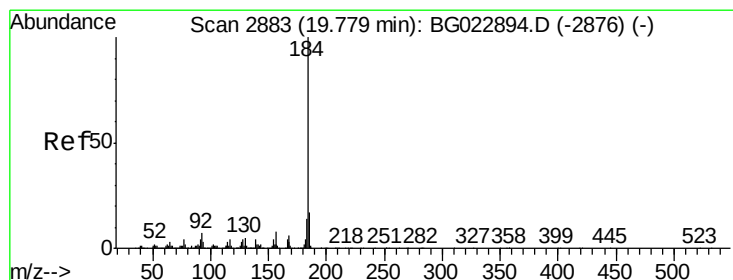
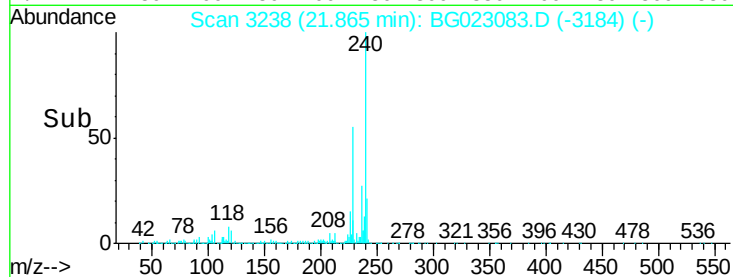
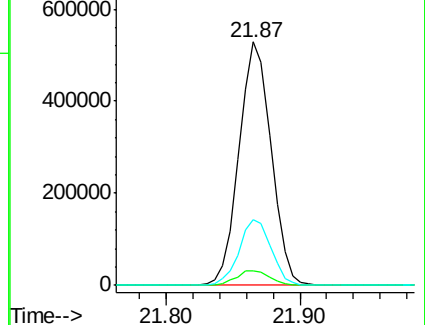
236 27.2 21.1 31.7



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: 38.22 ng

RT: 19.79 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

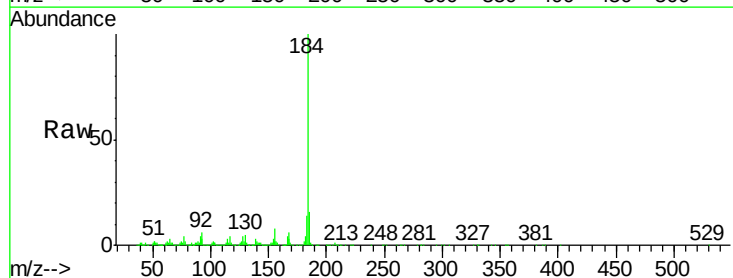
Tgt Ion:184 Resp: 963407

Ion Ratio Lower Upper

184 100

185 16.2 12.6 19.0

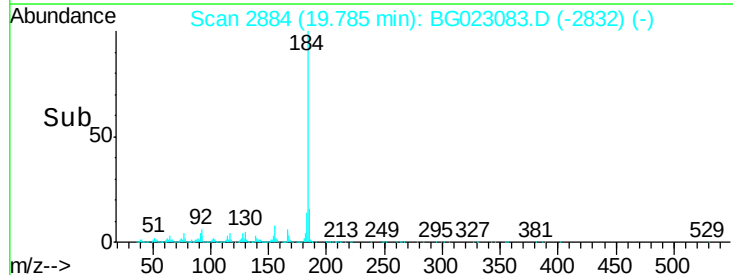
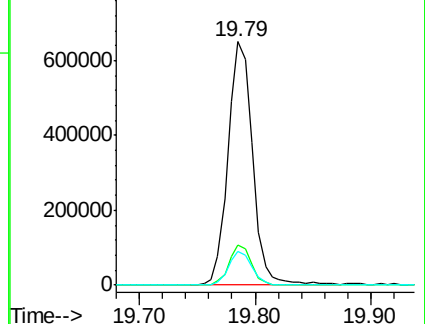
183 13.9 10.7 16.1

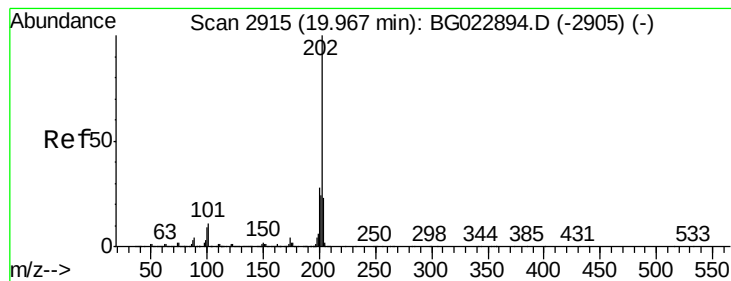


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.32 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

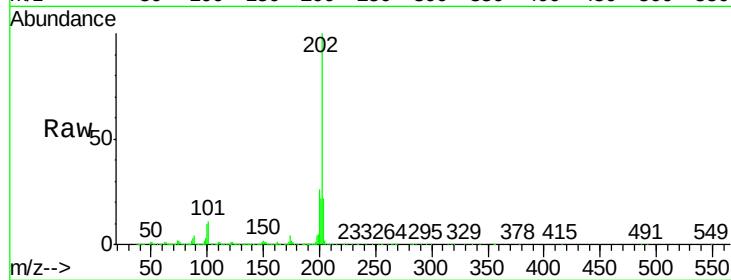
BNA_G

ClientSampleId :

PB92058BS

Tot Ion:202 Resp: 2239055

Ion	Ratio	Lower	Upper
202	100		
200	26.0	21.2	31.8
203	22.3	16.8	25.2

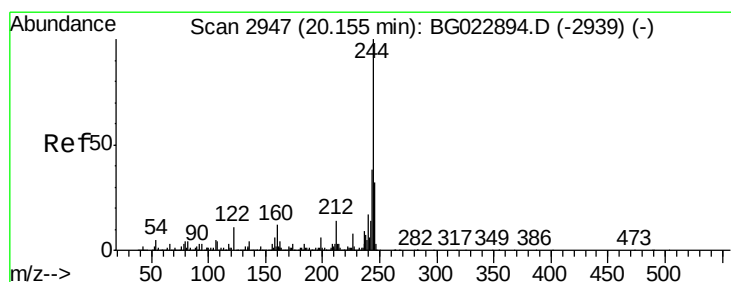
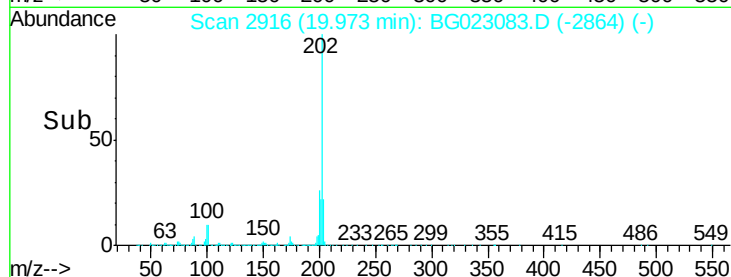
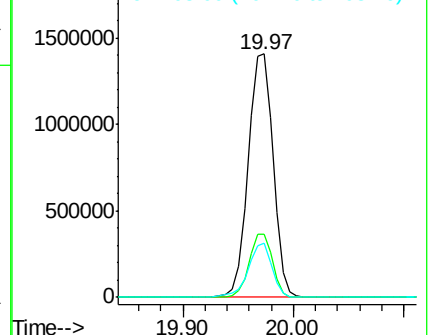


Abundance

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: 121.01 ng

RT: 20.16 min Scan# 2948

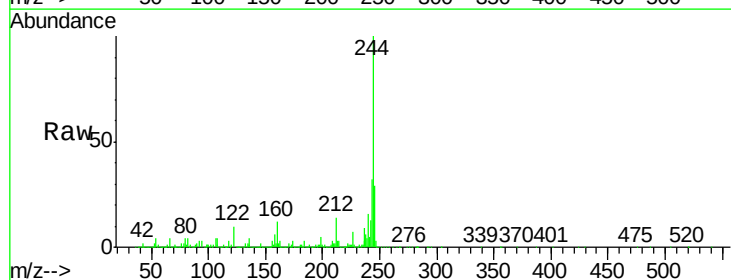
Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Tgt Ion:244 Resp: 2848661

Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	10.0	8.0	12.0

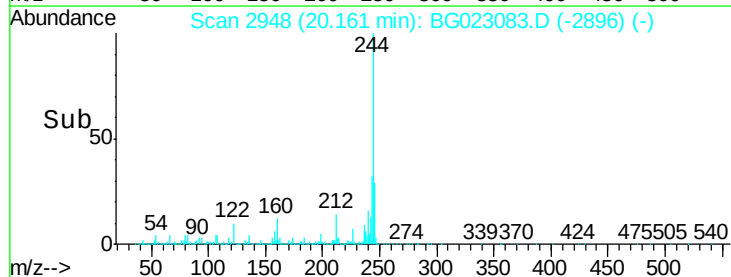
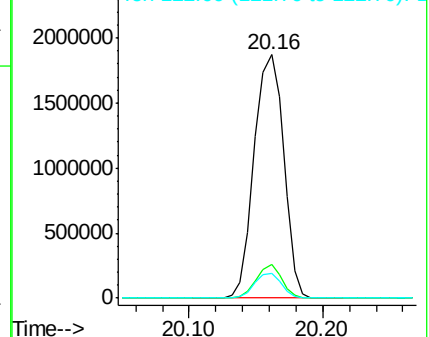


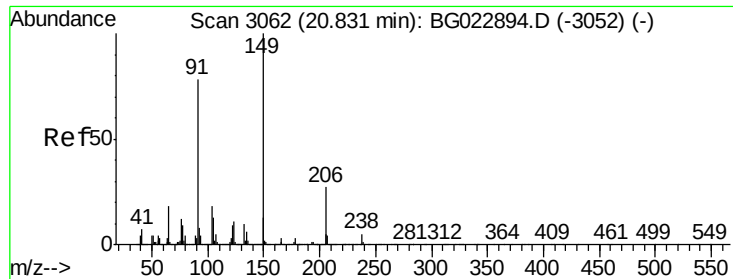
Abundance

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: 51.22 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.01 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

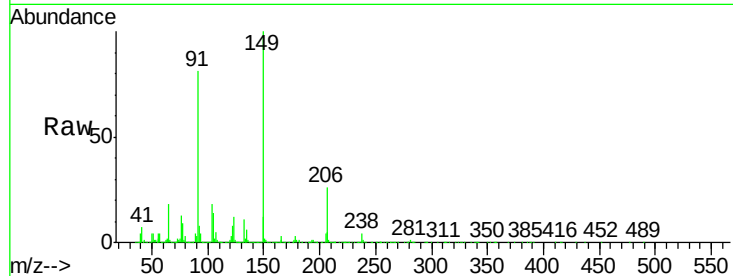
Tot Ion:149 Resp: 1002255

Ion Ratio Lower Upper

149 100

91 80.5 68.1 102.1

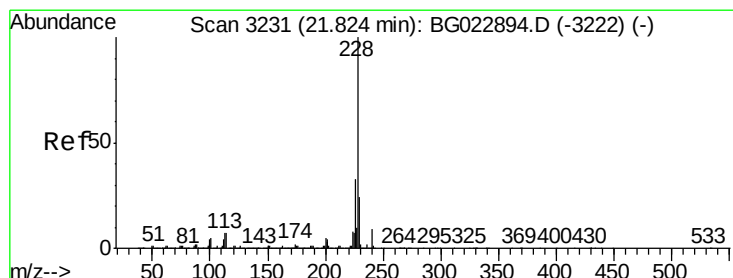
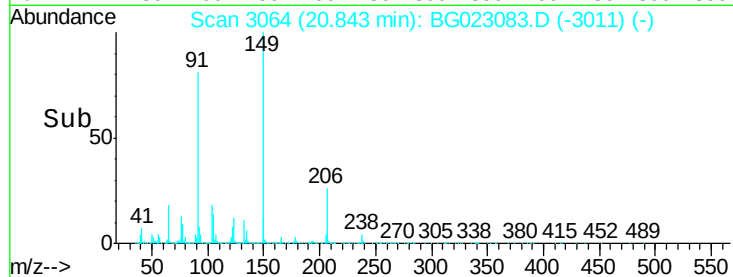
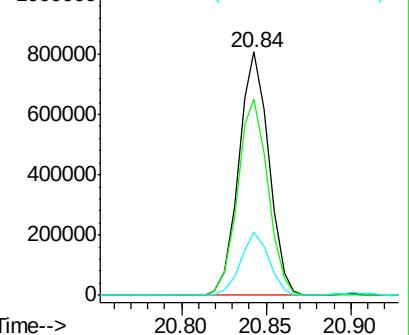
206 25.7 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.06 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

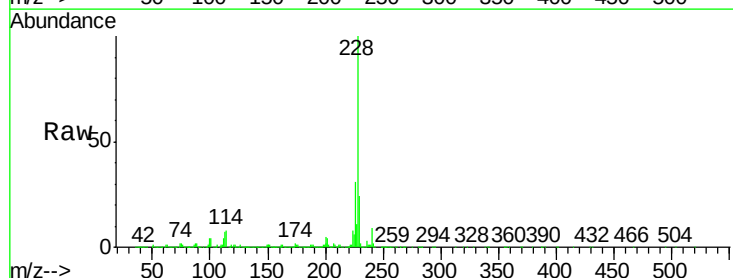
Tgt Ion:228 Resp: 2314635

Ion Ratio Lower Upper

228 100

226 31.4 25.3 37.9

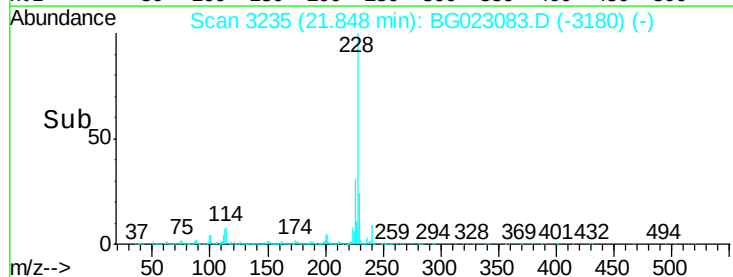
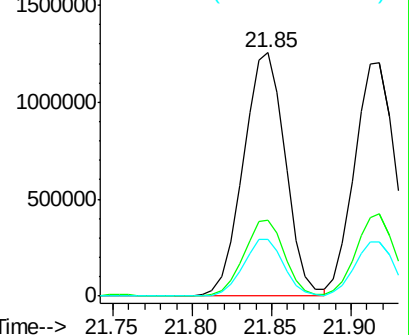
229 23.5 19.9 29.9

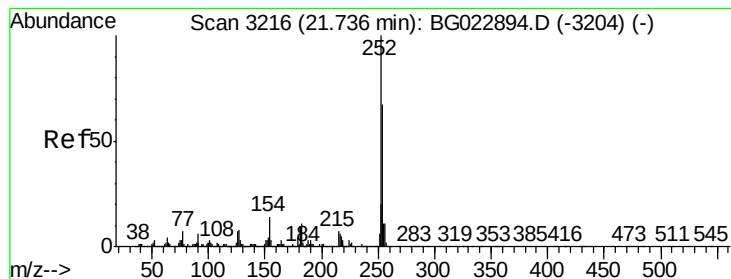


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 27.47 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

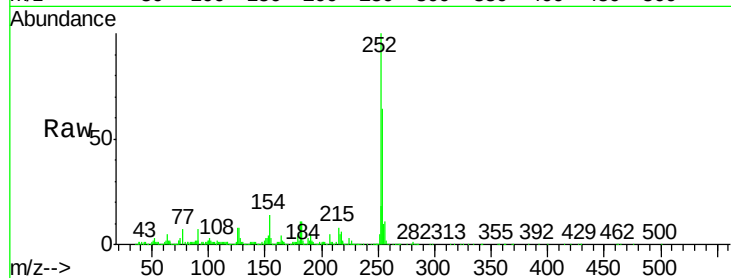
Tot Ion:252 Resp: 593152

Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

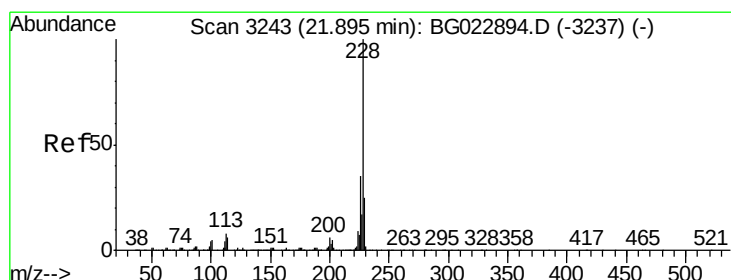
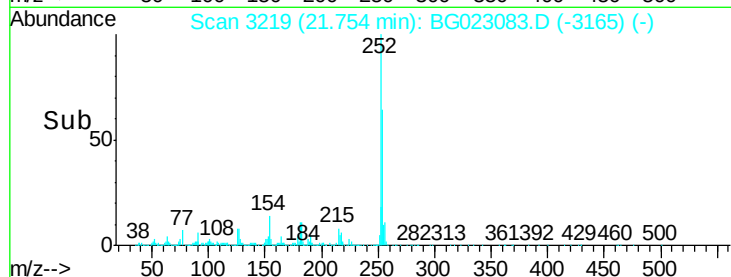
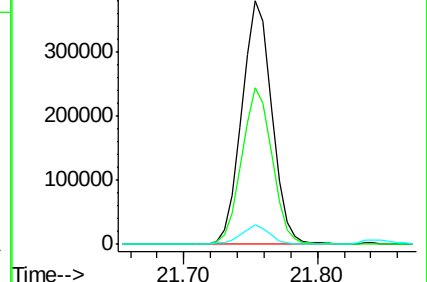
126 8.1 5.3 7.9#



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: 46.46 ng

RT: 21.92 min Scan# 3247

Delta R.T. 0.02 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

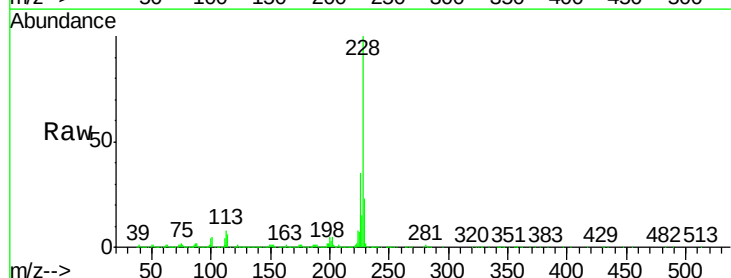
Tgt Ion:228 Resp: 2143667

Ion Ratio Lower Upper

228 100

226 35.2 26.7 40.1

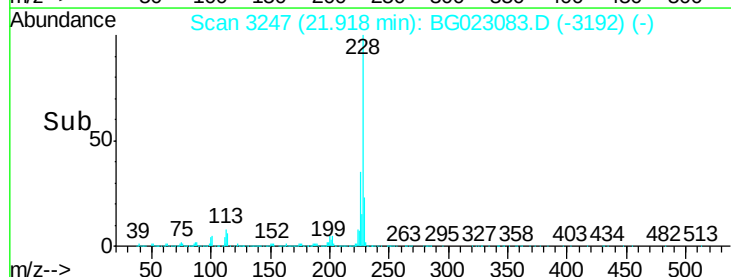
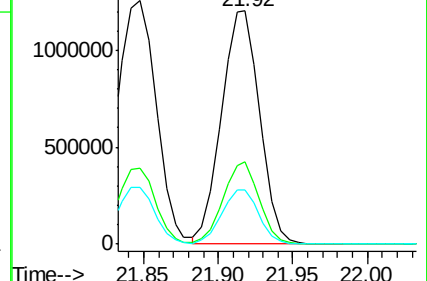
229 23.2 17.4 26.2

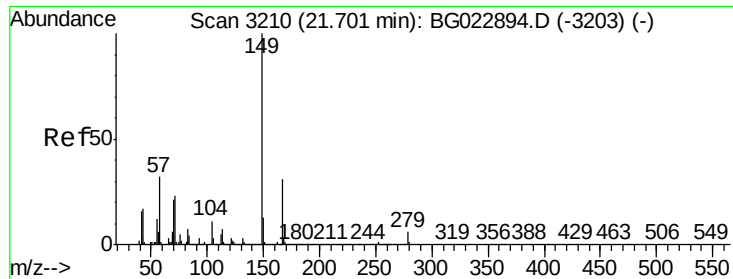


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.39 ng

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

BNA_G

ClientSampleId :

PB92058BS

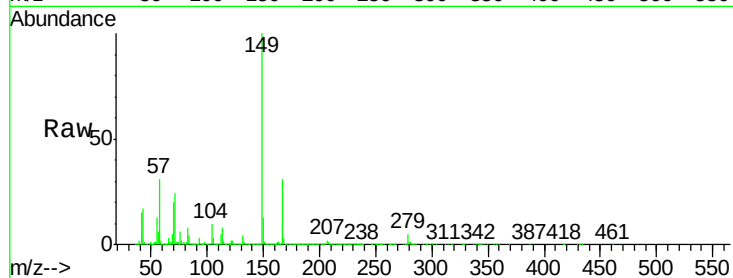
Tot Ion:149 Resp: 1342179

Ion Ratio Lower Upper

149 100

167 30.9 24.0 36.0

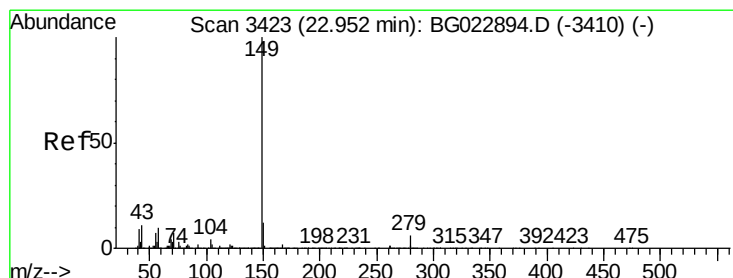
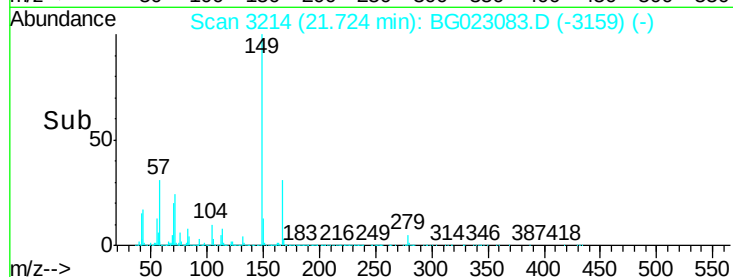
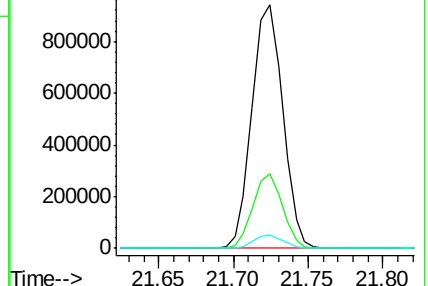
279 5.4 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.37 ng

RT: 22.99 min Scan# 3429

Delta R.T. 0.04 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

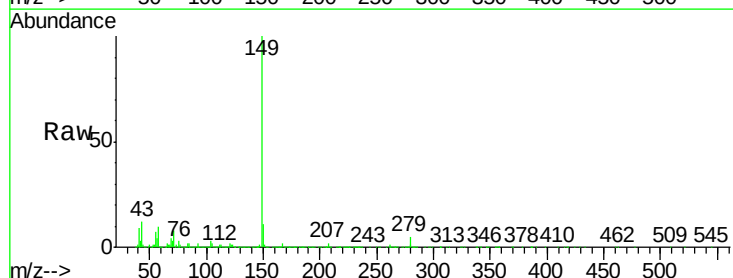
Tgt Ion:149 Resp: 2237411

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

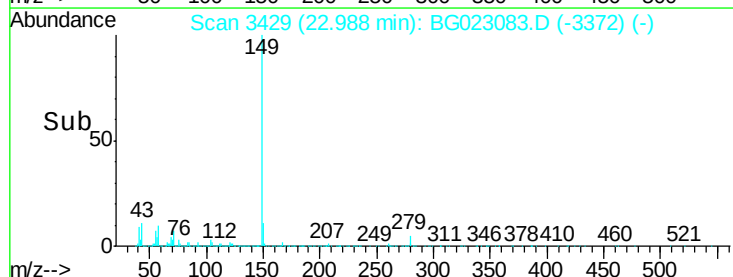
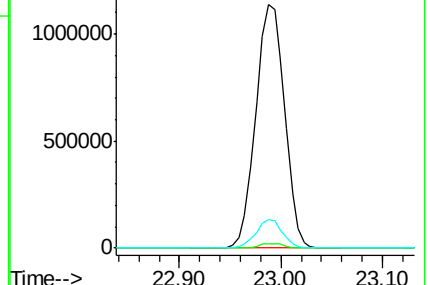
43 10.7 8.8 13.2

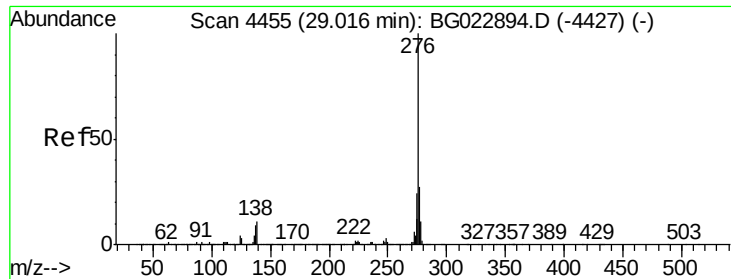


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

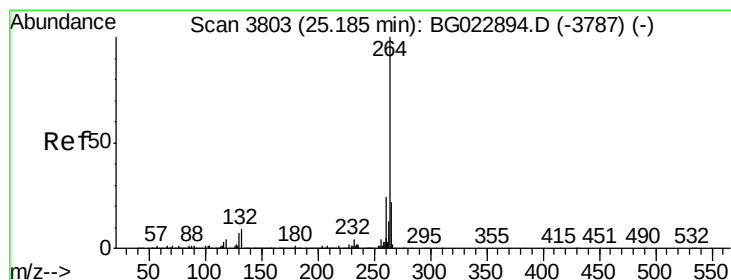
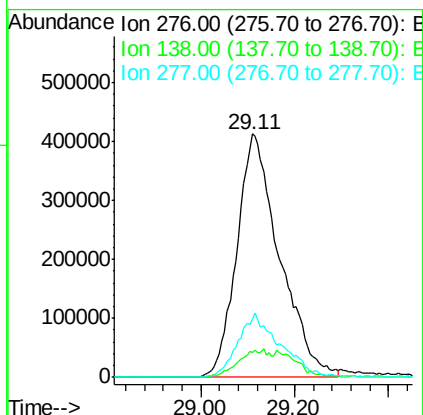
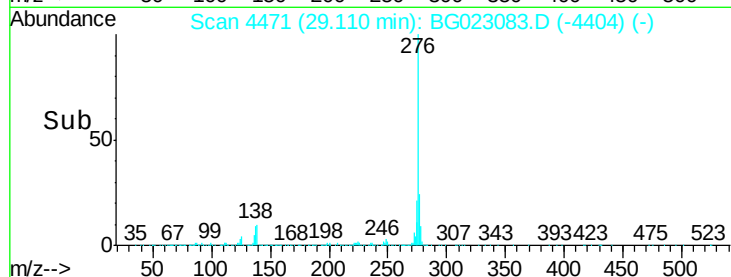
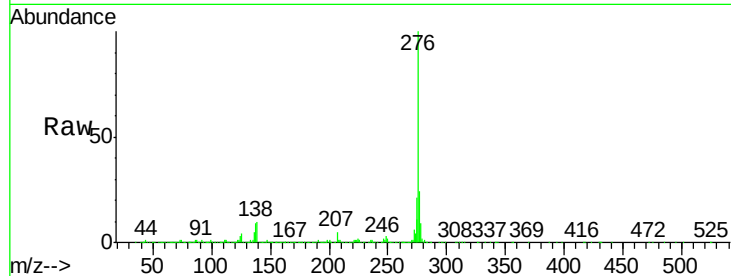




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.25 ng
 RT: 29.11 min Scan# 4471
 Delta R.T. 0.09 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

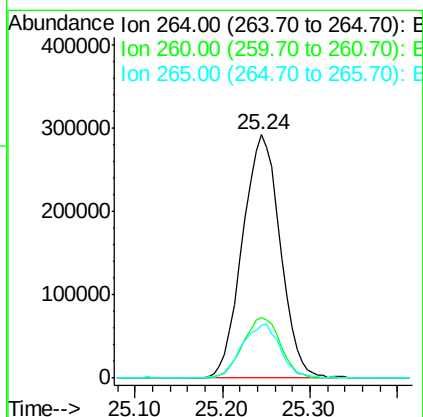
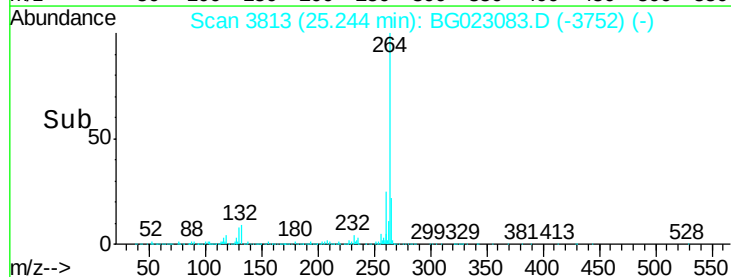
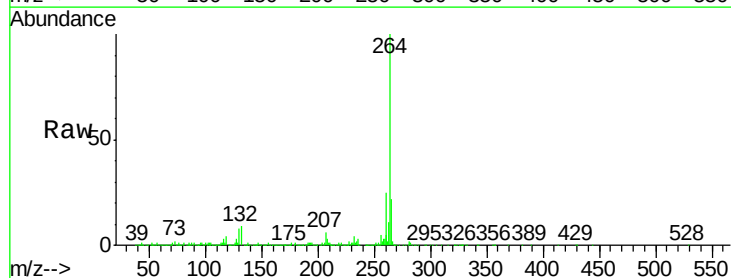
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

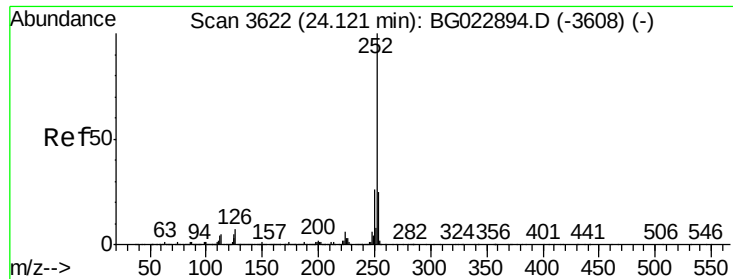
Tot Ion:276 Resp: 2603299
 Ion Ratio Lower Upper
 276 100
 138 6.0 0.0 0.0#
 277 25.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. 0.06 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Tgt Ion:264 Resp: 862766
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.9 18.9 28.3

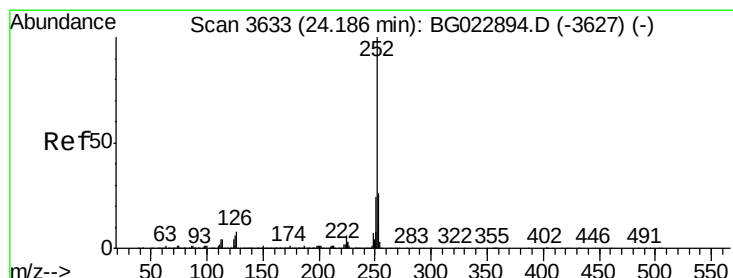
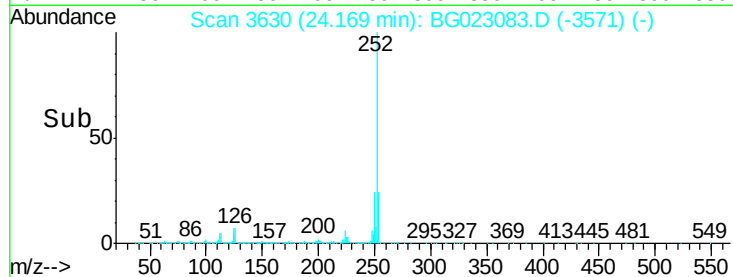
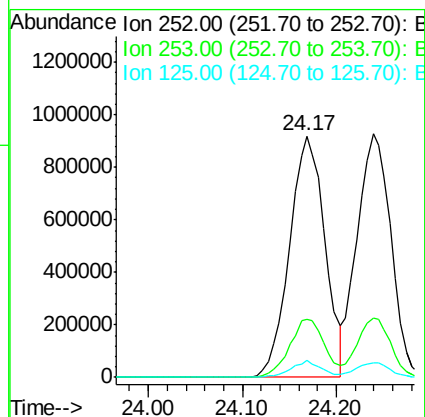
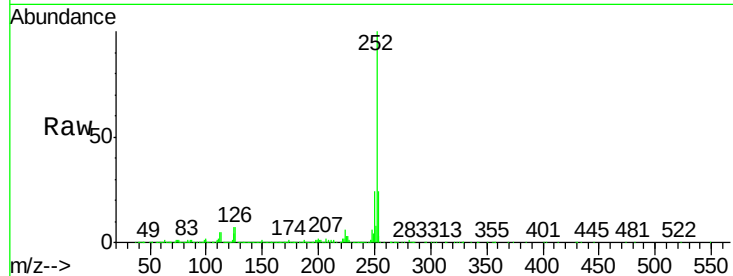




#87
Benzo(b)fluoranthene
Concen: 48.15 ng
RT: 24.17 min Scan# 3630
Delta R.T. 0.05 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

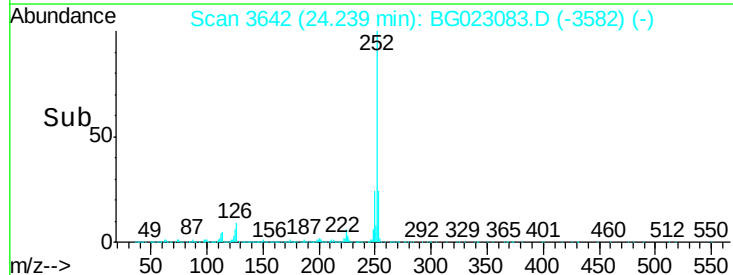
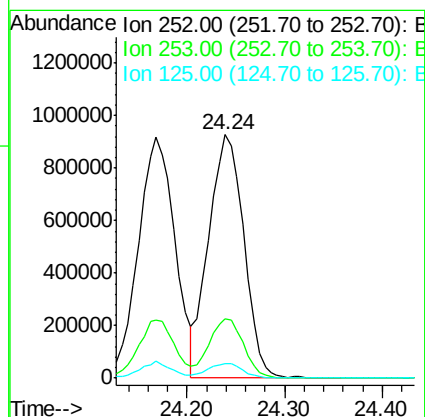
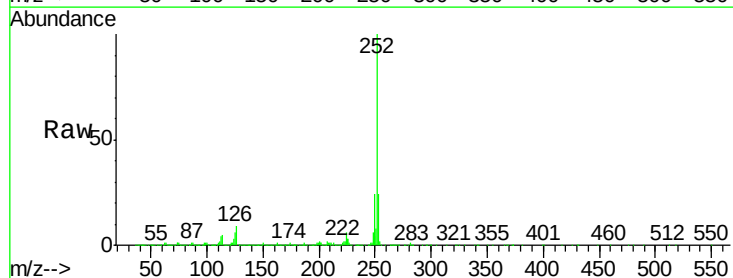
Instrument :
BNA_G
ClientSampleId :
PB92058BS

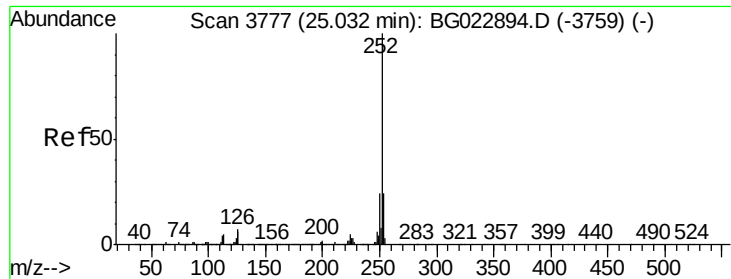
Tot Ion:252 Resp: 2396844
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 7.0 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 48.93 ng
RT: 24.24 min Scan# 3642
Delta R.T. 0.05 min
Lab File: BG023083.D
Acq: 14 Jul 2016 1:12

Tgt Ion:252 Resp: 2311237
Ion Ratio Lower Upper
252 100
253 24.5 18.8 28.2
125 5.9 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 49.40 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Instrument :

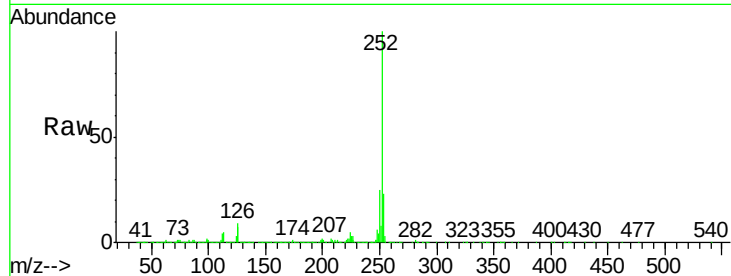
BNA_G

ClientSampleId :

PB92058BS

Tot Ion:252 Resp: 2357293

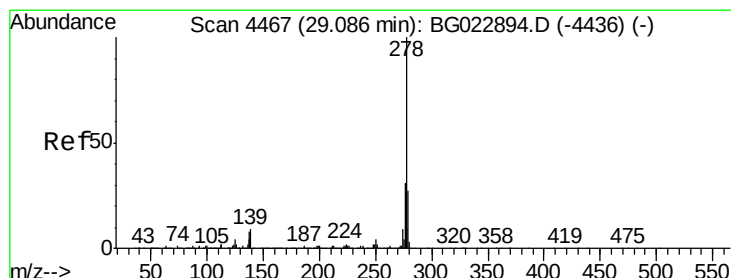
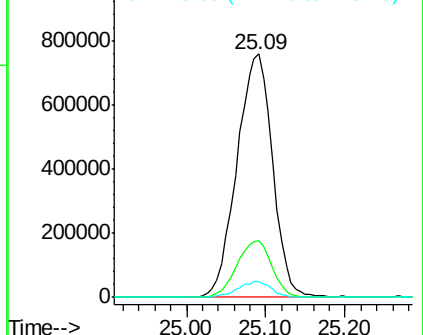
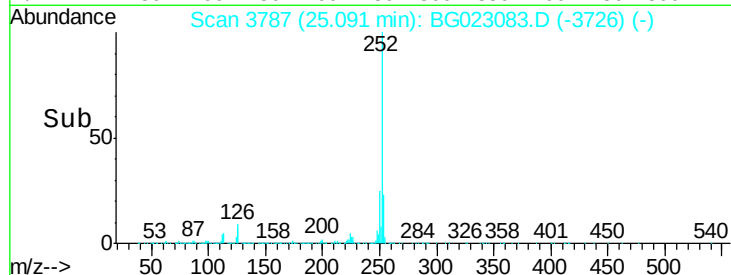
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	6.6	3.9	5.9#



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: 45.53 ng

RT: 29.19 min Scan# 4484

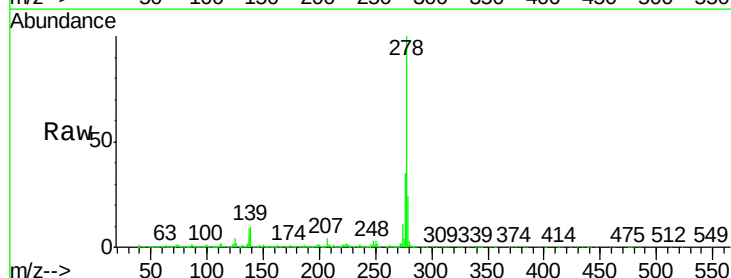
Delta R.T. 0.10 min

Lab File: BG023083.D

Acq: 14 Jul 2016 1:12

Tgt Ion:278 Resp: 2156194

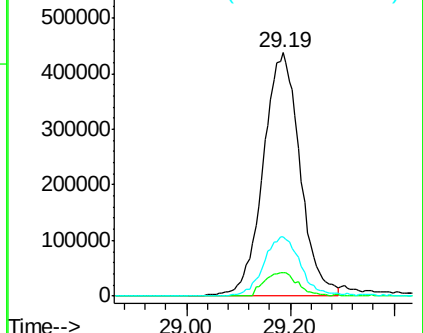
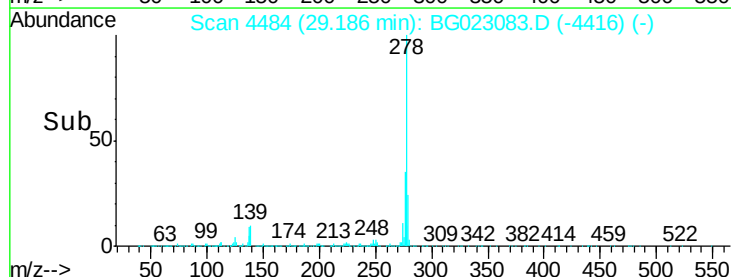
Ion	Ratio	Lower	Upper
278	100		
139	9.7	4.7	7.1#
279	24.5	18.3	27.5

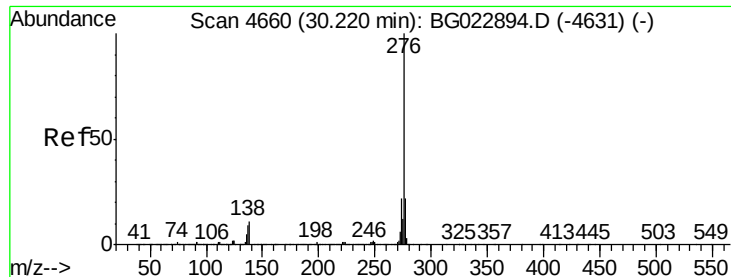


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.39 ng
 RT: 30.33 min Scan# 4678
 Delta R.T. 0.11 min
 Lab File: BG023083.D
 Acq: 14 Jul 2016 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Tot Ion:276 Resp: 2105230
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 27.8
 138 13.2 6.8 10.2#

